

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047767.D
 Acq On : 24 Sep 2025 10:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 25 01:23:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	136245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	254252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117949	54.388	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.373	113	92049	53.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	8.635	98	314422	53.290	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.580%			
62) 4-Bromofluorobenzene	11.061	95	120804	53.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	80794	57.267	ug/l	100
3) Chloromethane	1.301	50	100073	53.970	ug/l	97
4) Vinyl Chloride	1.380	62	98905	54.491	ug/l	99
5) Bromomethane	1.611	94	63064	54.792	ug/l	99
6) Chloroethane	1.691	64	63530	52.368	ug/l	98
7) Trichlorofluoromethane	1.892	101	138008	51.208	ug/l	99
8) Diethyl Ether	2.136	74	59838	54.277	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	79844	50.667	ug/l	99
10) Methyl Iodide	2.453	142	124745	50.757	ug/l	100
11) Tert butyl alcohol	2.947	59	65972	273.139	ug/l	100
12) 1,1-Dichloroethene	2.325	96	85914	53.075	ug/l	97
13) Acrolein	2.233	56	62008	278.592	ug/l	97
14) Allyl chloride	2.666	41	160323	47.997	ug/l	95
15) Acrylonitrile	3.056	53	274545	306.873	ug/l	99
16) Acetone	2.373	43	219982	233.292	ug/l	97
17) Carbon Disulfide	2.514	76	234371	52.888	ug/l	99
18) Methyl Acetate	2.697	43	128034	61.011	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	320438	54.228	ug/l	98
20) Methylene Chloride	2.788	84	106137	53.176	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	93317	53.545	ug/l	96
22) Diisopropyl ether	3.751	45	350616	54.161	ug/l	86
23) Vinyl Acetate	3.715	43	1442450	278.405	ug/l	100
24) 1,1-Dichloroethane	3.605	63	182725	53.106	ug/l	99
25) 2-Butanone	4.538	43	340369	289.378	ug/l	97
26) 2,2-Dichloropropane	4.465	77	70096	24.508	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	113757	53.299	ug/l	92
28) Bromochloromethane	4.885	49	80547	53.622	ug/l	99
29) Tetrahydrofuran	4.989	42	220667	311.862	ug/l	100
30) Chloroform	5.080	83	187454	53.913	ug/l	100
31) Cyclohexane	5.458	56	145273	50.693	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	154526	52.395	ug/l	99
36) 1,1-Dichloropropene	5.678	75	120688	48.437	ug/l	99
37) Ethyl Acetate	4.702	43	149048	55.869	ug/l	98
38) Carbon Tetrachloride	5.666	117	130818	48.322	ug/l	99
39) Methylcyclohexane	7.367	83	133414	47.171	ug/l	98
40) Benzene	6.025	78	389912	51.523	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	77979	56.618	ug/l	99
42) 1,2-Dichloroethane	6.074	62	143000	49.663	ug/l	98
43) Isopropyl Acetate	6.324	43	235980	53.933	ug/l	99
44) Trichloroethene	7.110	130	94203	51.488	ug/l	93
45) 1,2-Dichloropropane	7.415	63	102032	52.653	ug/l	99
46) Dibromomethane	7.568	93	74570	52.881	ug/l	98
47) Bromodichloromethane	7.805	83	150372	51.676	ug/l	97
48) Methyl methacrylate	7.677	41	118513	54.378	ug/l	97
49) 1,4-Dioxane	7.647	88	30387	1379.627	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	718573	296.207	ug/l	100
52) Toluene	8.702	92	239637	51.397	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	137402	46.292	ug/l	97
54) cis-1,3-Dichloropropene	8.354	75	149149	47.013	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	96376	53.607	ug/l	97
56) Ethyl methacrylate	9.104	69	158357	56.087	ug/l	96
57) 1,3-Dichloropropane	9.293	76	167428	54.213	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	402380	294.817	ug/l	100
59) 2-Hexanone	9.415	43	503351	288.900	ug/l	98
60) Dibromochloromethane	9.506	129	111057	53.612	ug/l	98
61) 1,2-Dibromoethane	9.592	107	103205	56.360	ug/l	100
64) Tetrachloroethene	9.256	164	78844	52.130	ug/l	96
65) Chlorobenzene	10.061	112	265659	50.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	93007	51.137	ug/l	99
67) Ethyl Benzene	10.177	91	452093	49.712	ug/l	100
68) m/p-Xylenes	10.287	106	343642	101.520	ug/l	97
69) o-Xylene	10.628	106	167926	51.290	ug/l	98
70) Styrene	10.640	104	296373	51.662	ug/l	98
71) Bromoform	10.787	173	73291	53.967	ug/l	98
73) Isopropylbenzene	10.945	105	417583	48.594	ug/l	99
74) N-amyl acetate	10.829	43	207812	53.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	142889	54.960	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	124755m	54.514	ug/l	
77) Bromobenzene	11.183	156	107213	50.657	ug/l	97
78) n-propylbenzene	11.287	91	498719	49.095	ug/l	99
79) 2-Chlorotoluene	11.347	91	304904	49.006	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	345988	49.006	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	35912	40.018	ug/l	99
82) 4-Chlorotoluene	11.439	91	357733	48.683	ug/l	99
83) tert-Butylbenzene	11.695	119	346038	47.879	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	353276	49.355	ug/l	100
85) sec-Butylbenzene	11.872	105	415999	48.459	ug/l	100
86) p-Isopropyltoluene	11.994	119	348647	47.972	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	195732	49.790	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	195422	48.435	ug/l	99
89) n-Butylbenzene	12.317	91	317773	47.254	ug/l	98
90) Hexachloroethane	12.518	117	62783	49.203	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	191705	51.187	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28696	54.516	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	119753	49.199	ug/l	98
94) Hexachlorobutadiene	13.707	225	39271	47.499	ug/l	99
95) Naphthalene	13.756	128	400255	54.002	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	118573	52.369	ug/l	99

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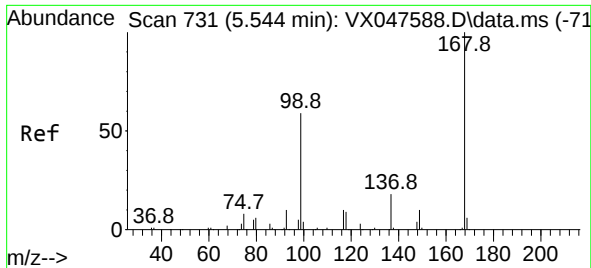
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

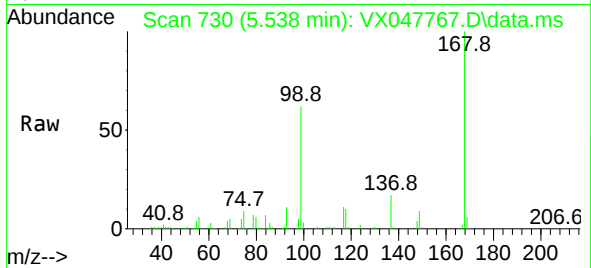
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047767.D
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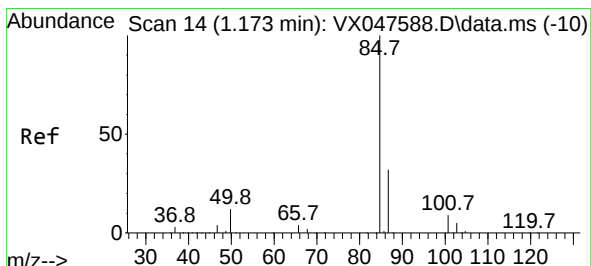
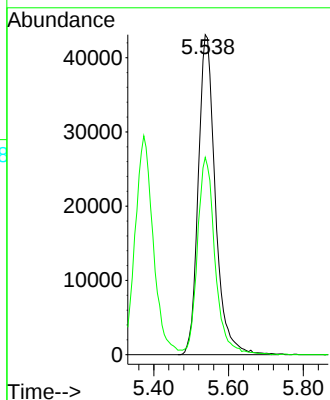
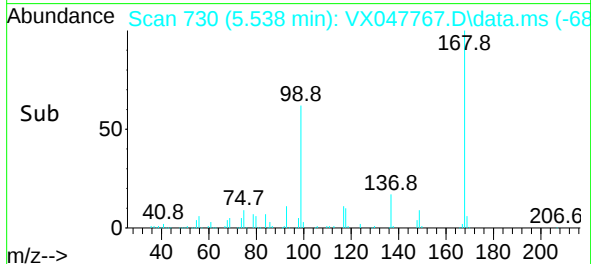
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 136249
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2

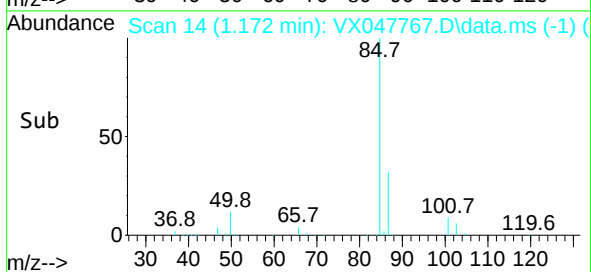
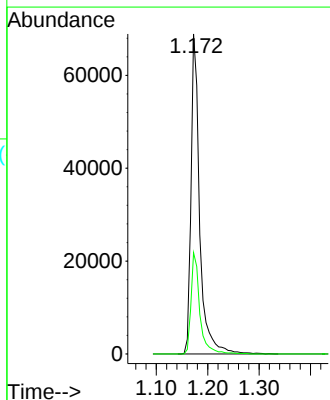
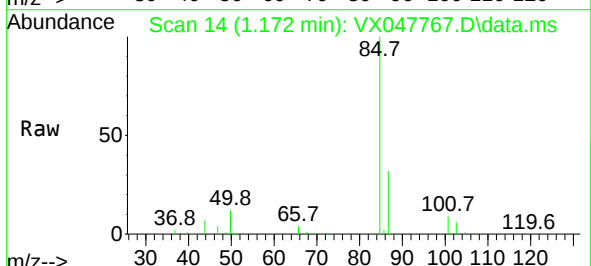
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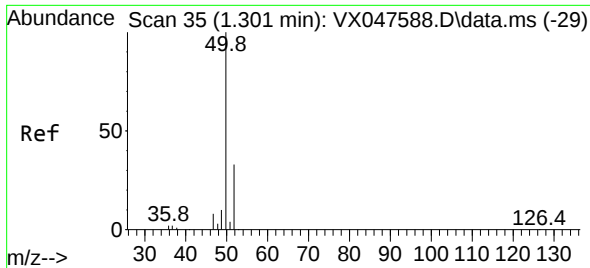
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 57.267 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

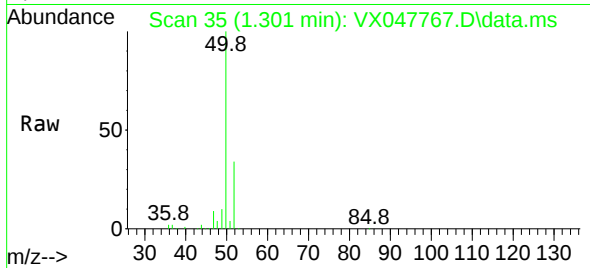
Tgt Ion: 85 Resp: 80794
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.3





#3
Chloromethane
Concen: 53.970 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

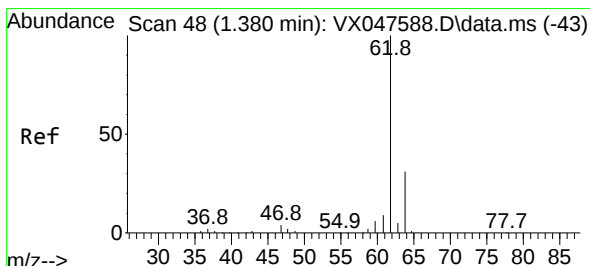
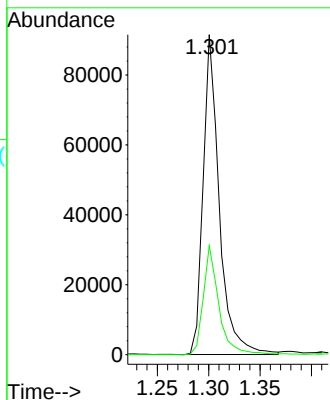
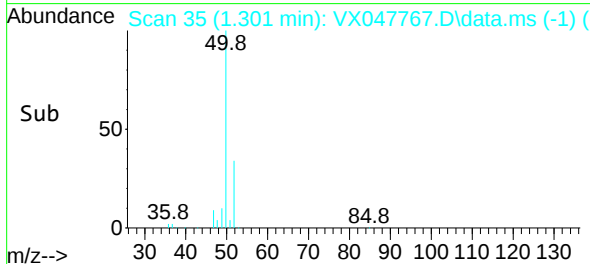
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Tgt Ion: 50 Resp: 100073
Ion Ratio Lower Upper
50 100
52 34.1 26.1 39.1

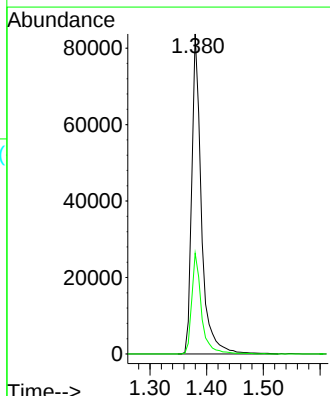
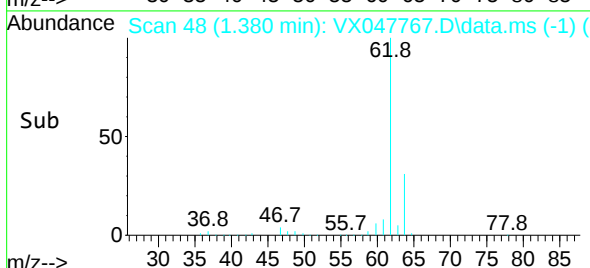
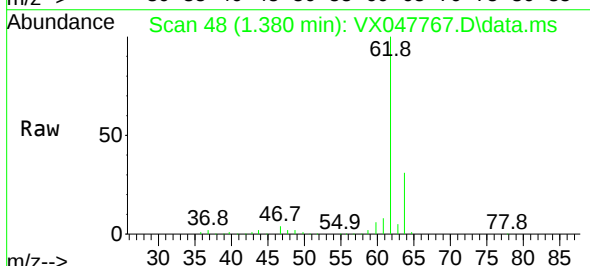
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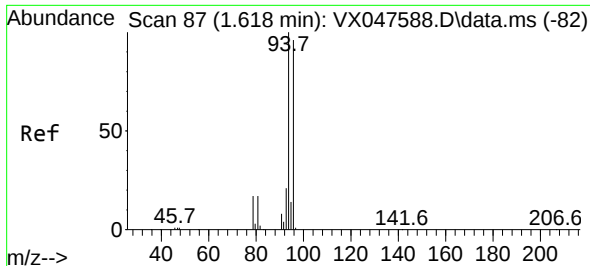
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#4
Vinyl Chloride
Concen: 54.491 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

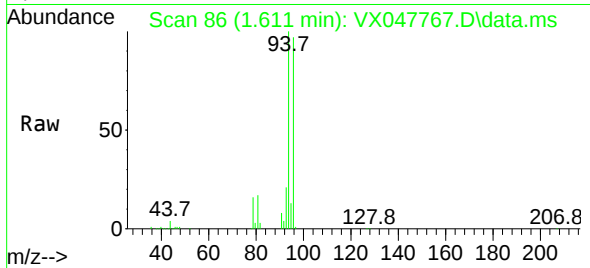
Tgt Ion: 62 Resp: 98905
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5
Bromomethane
Concen: 54.792 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

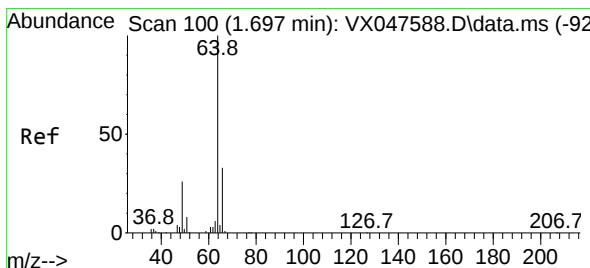
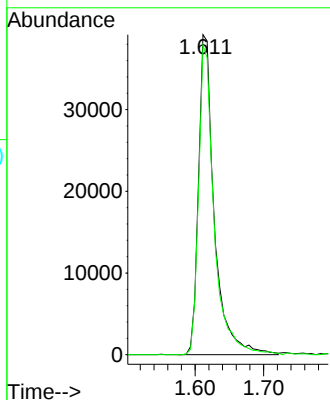
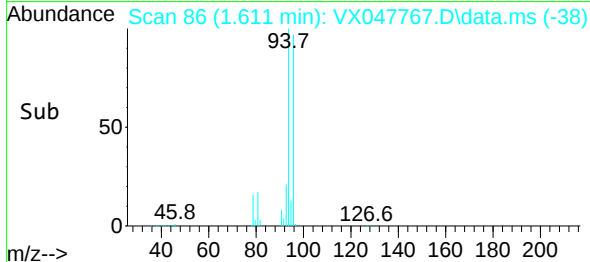
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Tgt Ion: 94 Resp: 63064
Ion Ratio Lower Upper
94 100
96 96.6 76.6 115.0

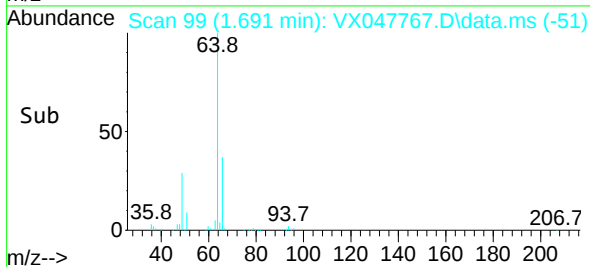
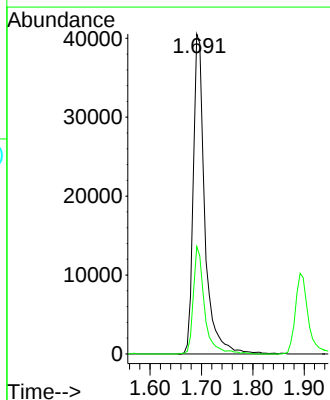
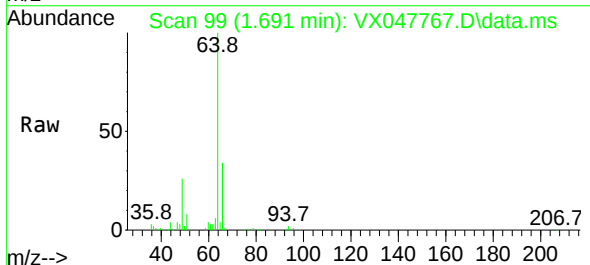
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#6
Chloroethane
Concen: 52.368 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

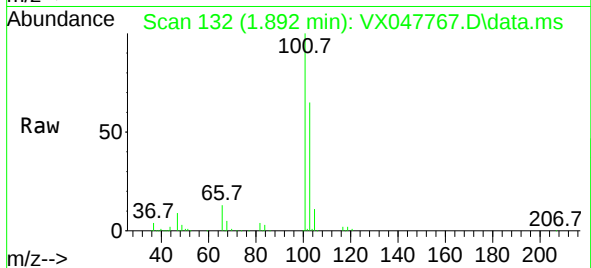
Tgt Ion: 64 Resp: 63530
Ion Ratio Lower Upper
64 100
66 33.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 51.208 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047767.D
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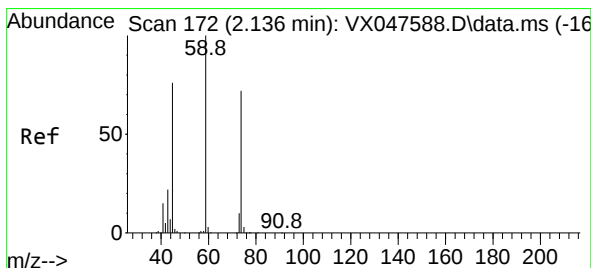
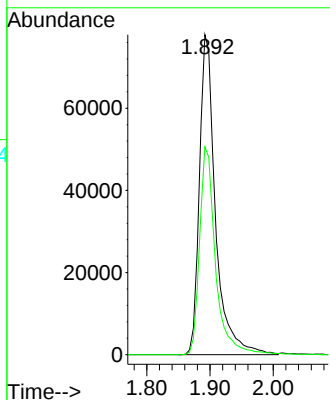
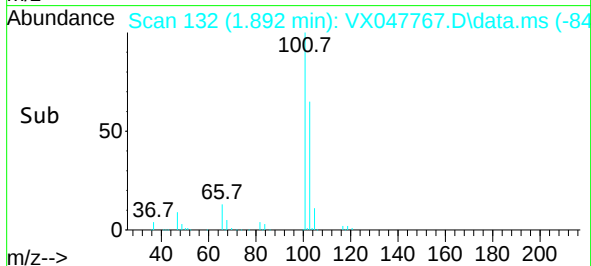
Instrument :
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Tgt Ion:101 Resp: 138008
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

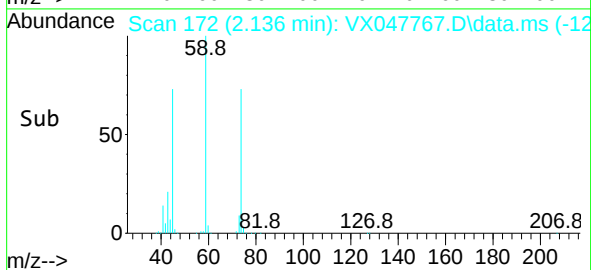
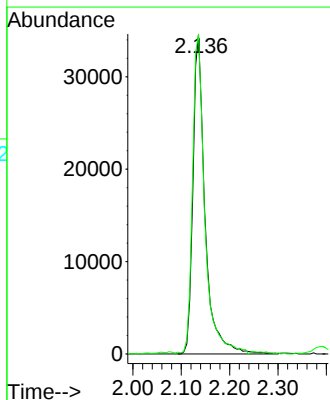
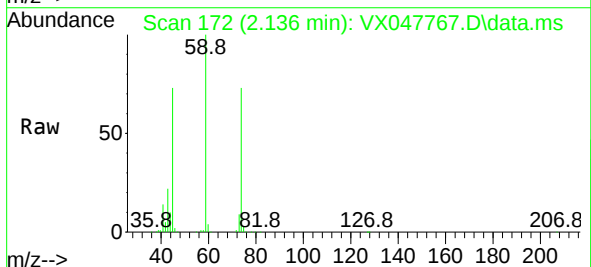
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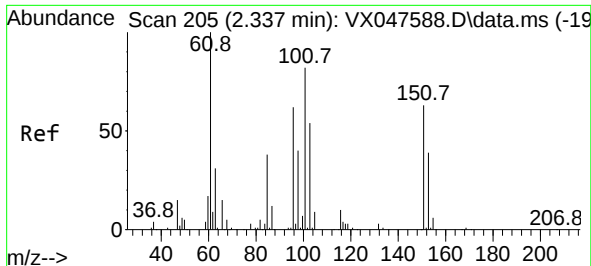
Reviewed By :John Carlone 09/25/2025
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#8
 Diethyl Ether
 Concen: 54.277 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 59838
 Ion Ratio Lower Upper
 74 100
 45 101.9 52.3 156.8





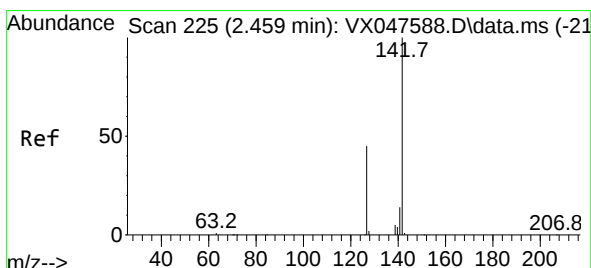
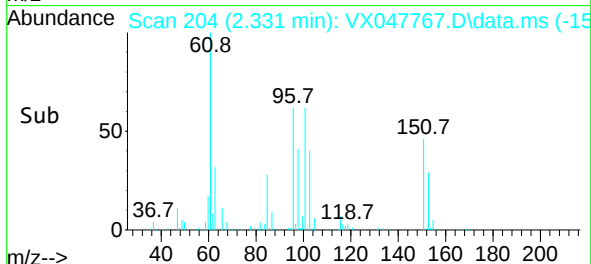
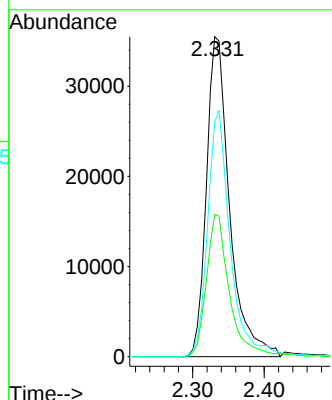
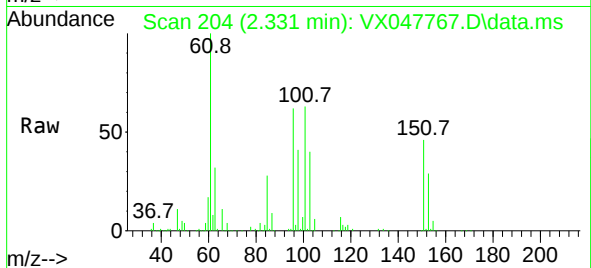
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.667 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79844
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 75.7 59.4 89.0

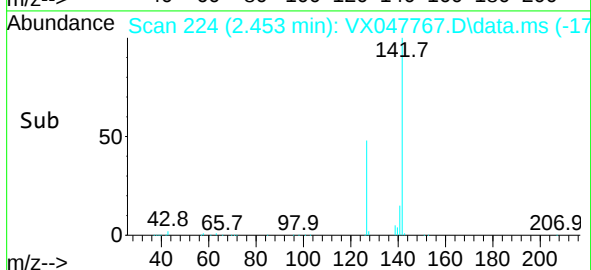
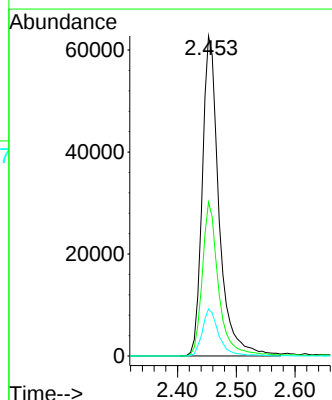
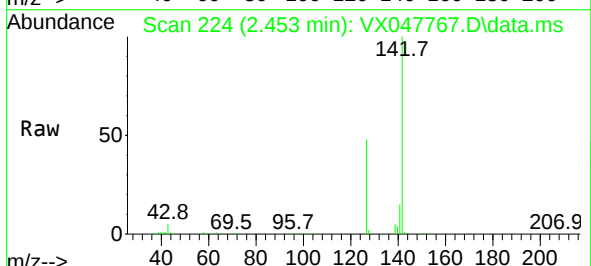
Manual Integrations
APPROVED

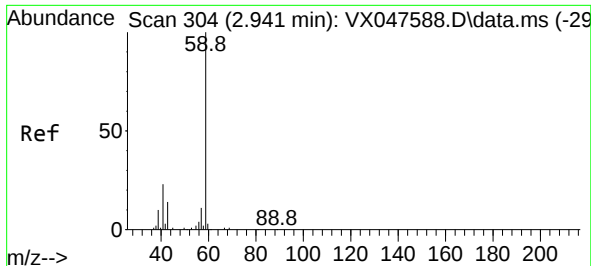
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 50.757 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

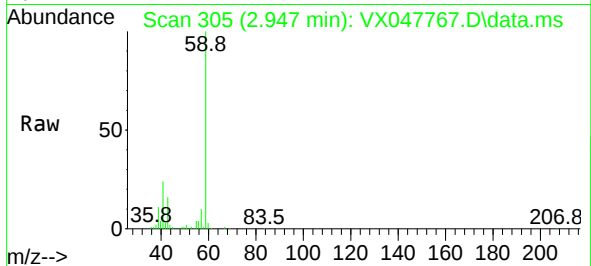
Tgt Ion:142 Resp: 124745
Ion Ratio Lower Upper
142 100
127 46.7 37.2 55.8
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 273.139 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

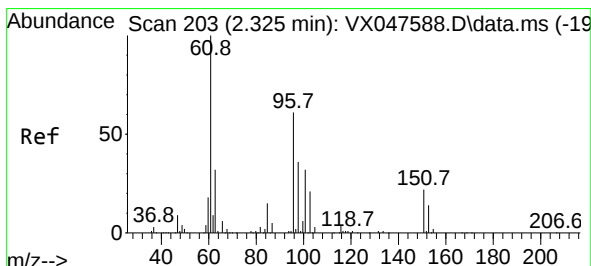
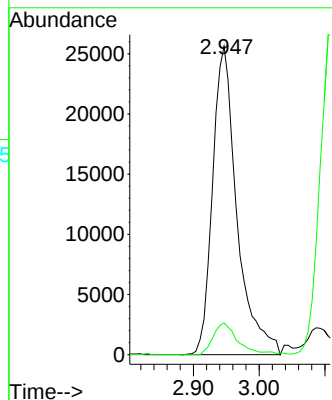
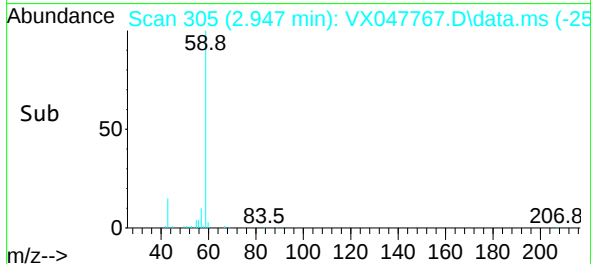
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



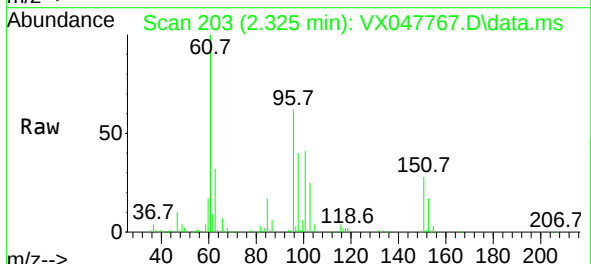
Tgt Ion: 59 Resp: 65972
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

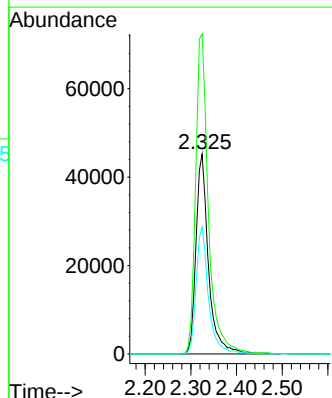
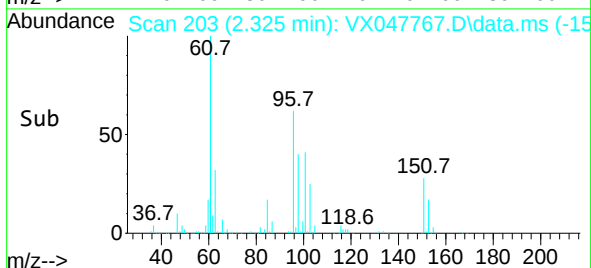
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

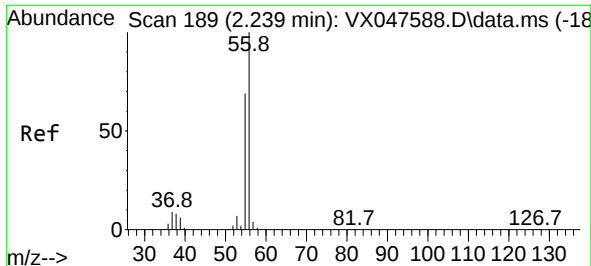


#12
1,1-Dichloroethene
Concen: 53.075 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



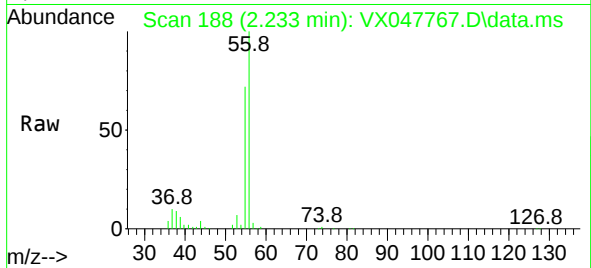
Tgt Ion: 96 Resp: 85914
Ion Ratio Lower Upper
96 100
61 160.1 131.0 196.6
98 63.6 47.7 71.5





#13
Acrolein
Concen: 278.592 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

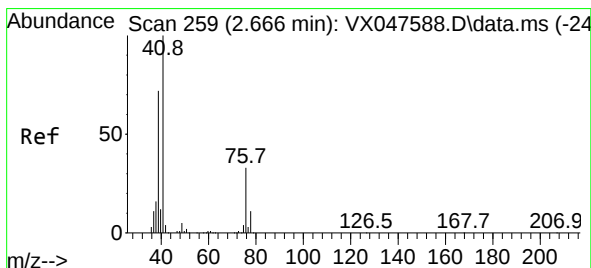
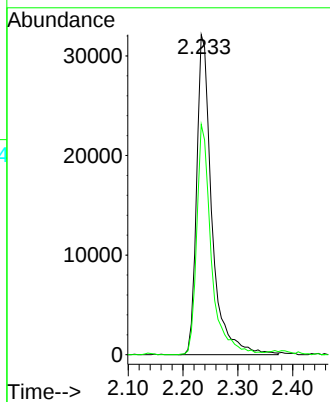
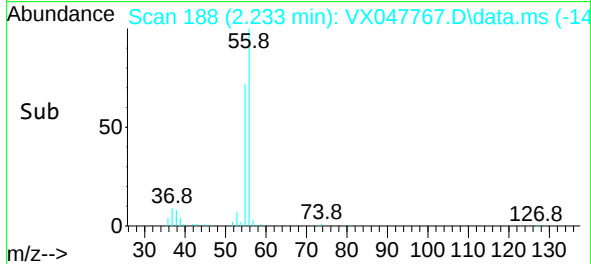
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 62008
Ion Ratio Lower Upper
56 100
55 69.2 57.2 85.8

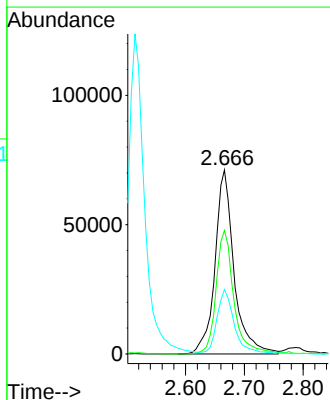
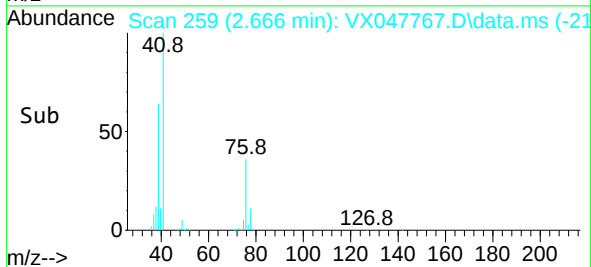
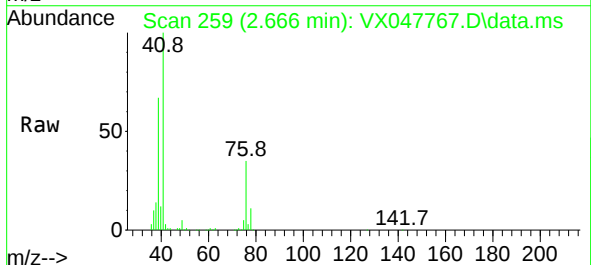
Manual Integrations
APPROVED

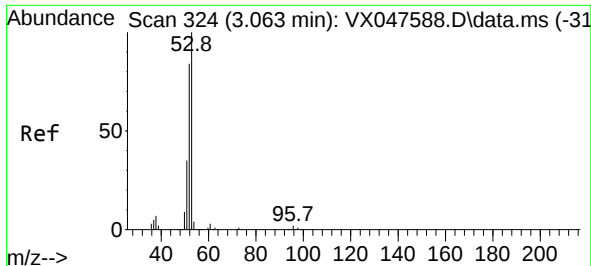
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#14
Allyl chloride
Concen: 47.997 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

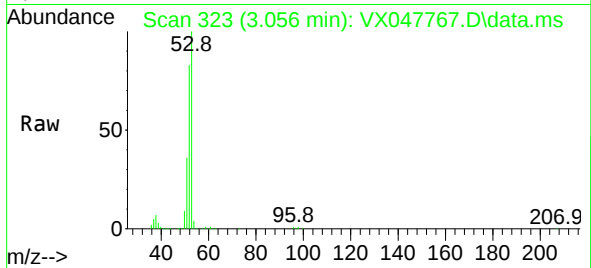
Tgt Ion: 41 Resp: 160323
Ion Ratio Lower Upper
41 100
39 62.7 54.7 82.1
76 31.5 25.7 38.5





#15
Acrylonitrile
Concen: 306.873 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

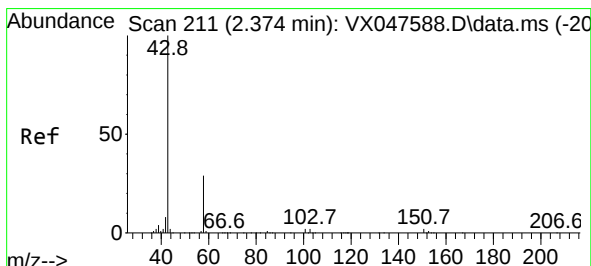
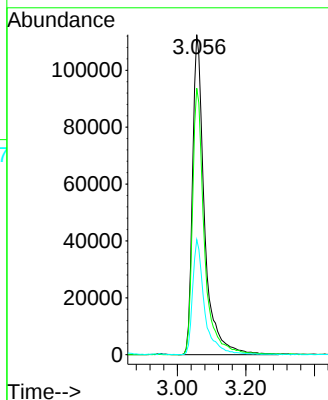
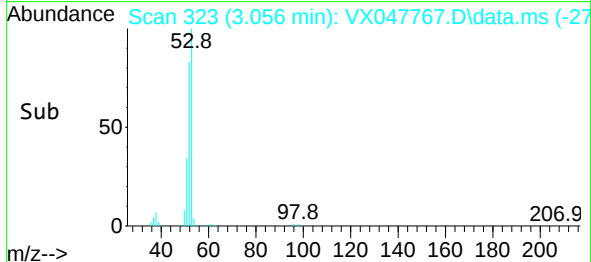
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 27454
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.9 29.5 44.3

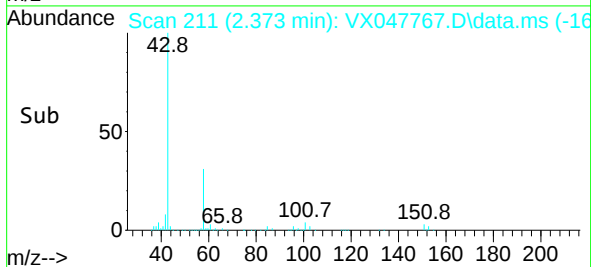
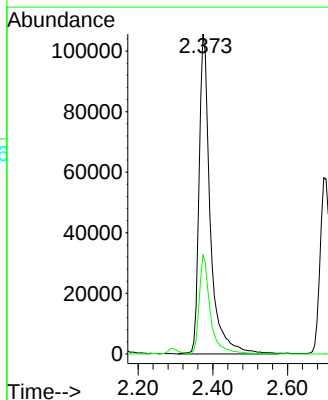
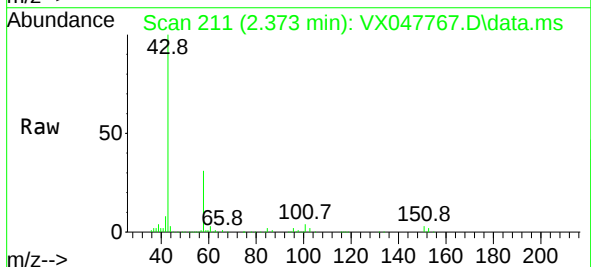
Manual Integrations
APPROVED

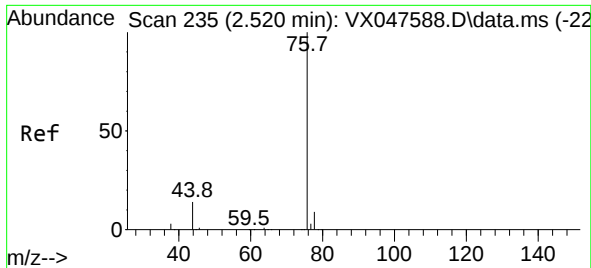
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 233.292 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion: 43 Resp: 219982
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.0





#17

Carbon Disulfide

Concen: 52.888 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23437

Ion Ratio Lower Upper

76 100

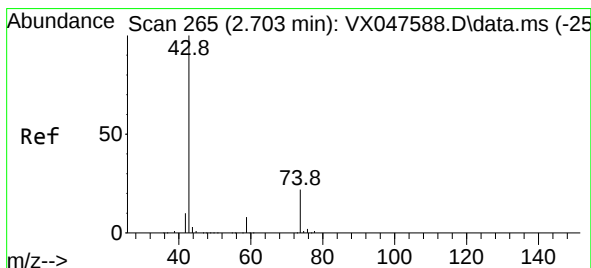
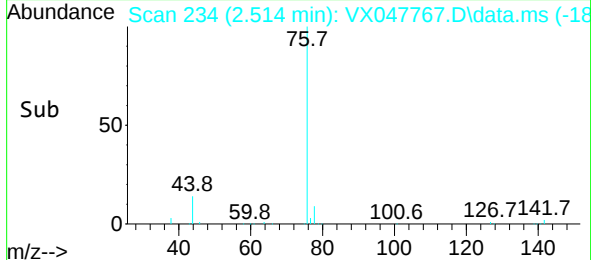
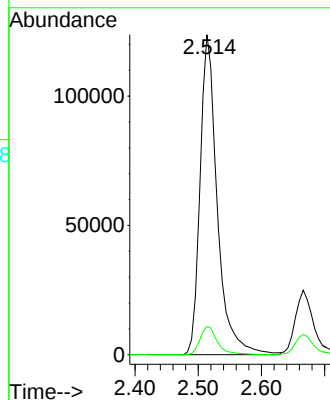
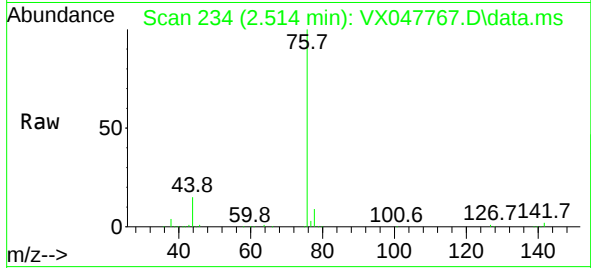
78 8.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#18

Methyl Acetate

Concen: 61.011 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047767.D

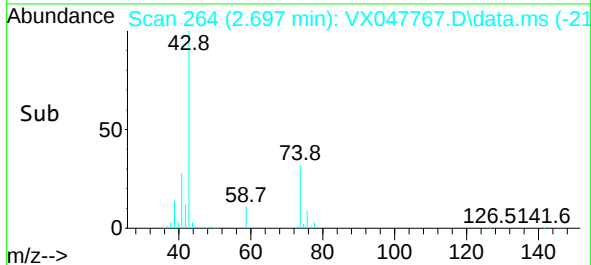
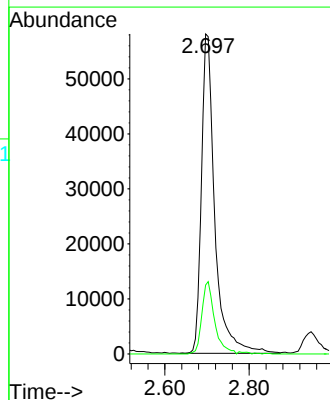
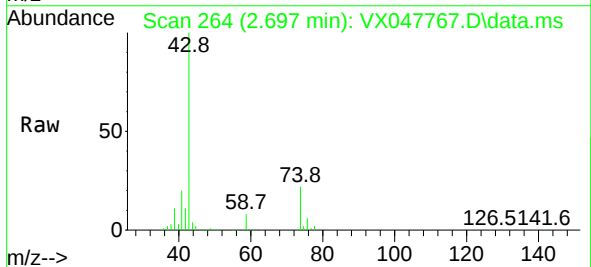
Acq: 24 Sep 2025 10:50

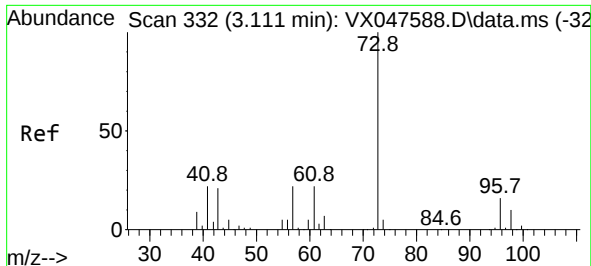
Tgt Ion: 43 Resp: 128034

Ion Ratio Lower Upper

43 100

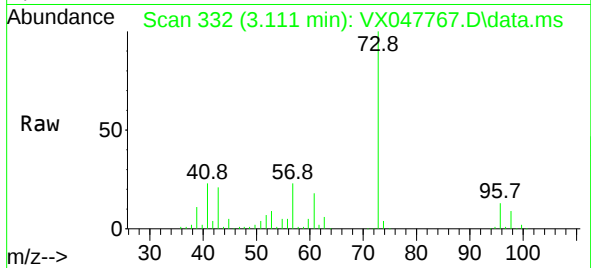
74 21.6 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 54.228 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

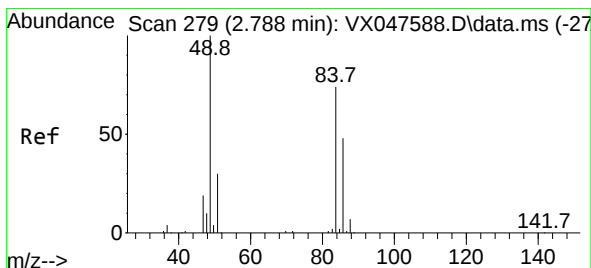
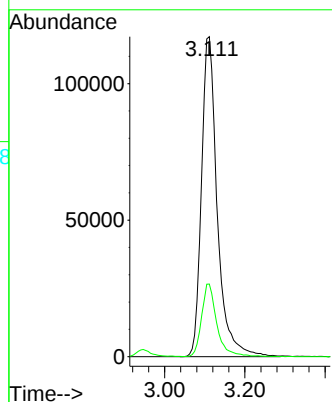
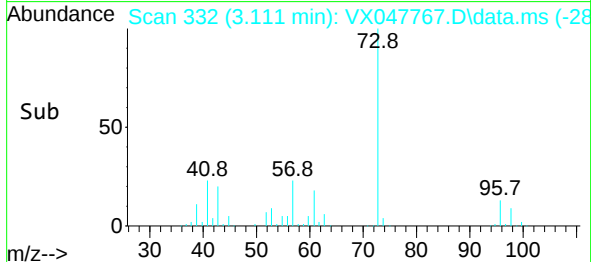
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



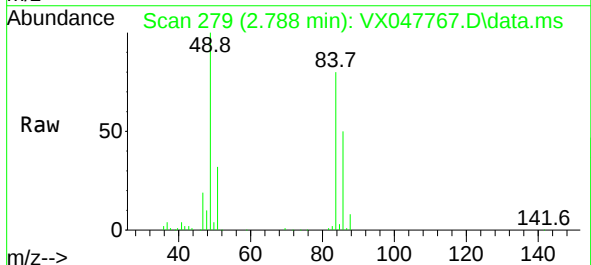
Tgt Ion: 73 Resp: 320438
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

Manual Integrations
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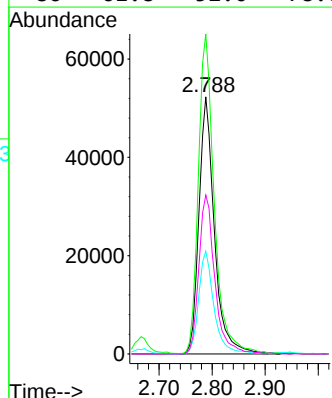
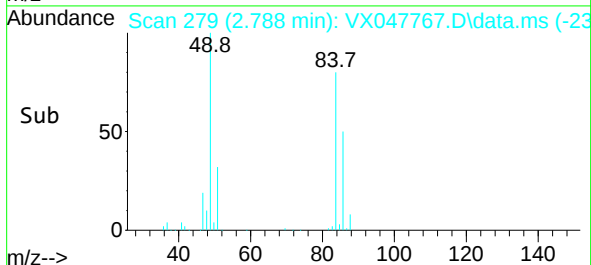
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

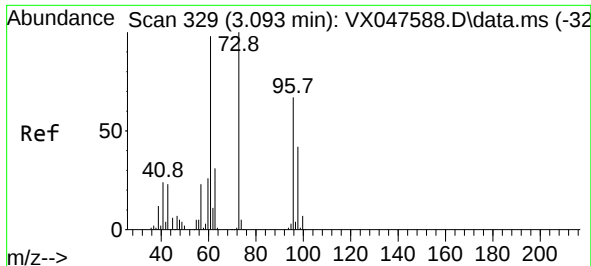


#20
Methylene Chloride
Concen: 53.176 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



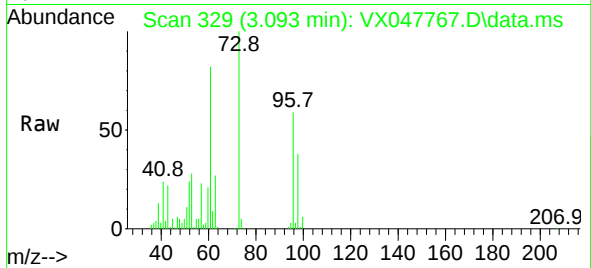
Tgt Ion: 84 Resp: 106137
Ion Ratio Lower Upper
84 100
49 124.3 108.6 162.8
51 39.9 32.6 48.8
86 61.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 53.545 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

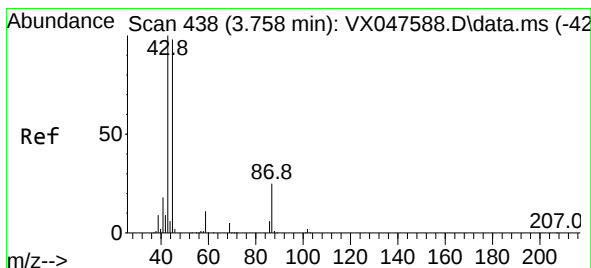
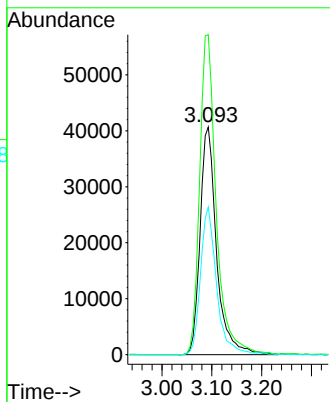
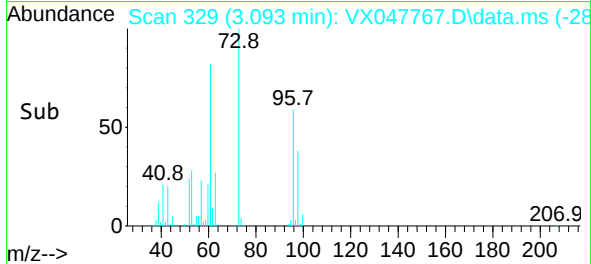
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 9331
Ion Ratio Lower Upper
96 100
61 140.5 116.2 174.2
98 64.9 49.3 73.9

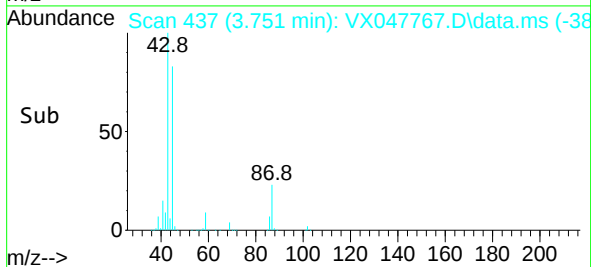
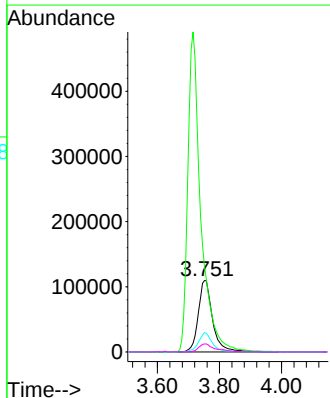
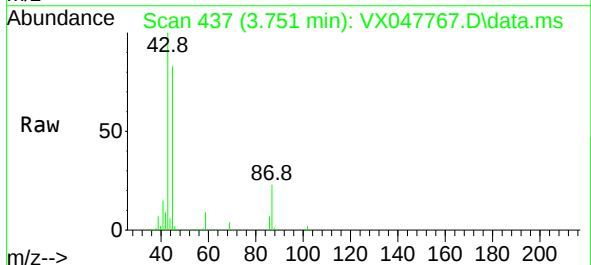
Manual Integrations
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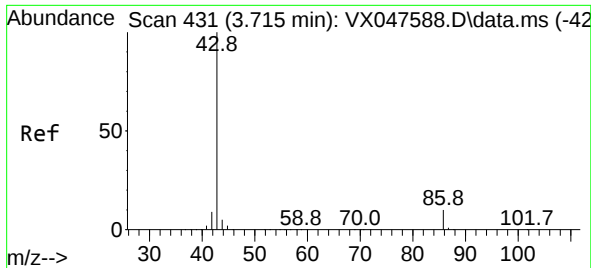
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 54.161 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion: 45 Resp: 350616
Ion Ratio Lower Upper
45 100
43 119.1 81.0 121.4
87 27.2 20.3 30.5
59 11.3 9.0 13.4





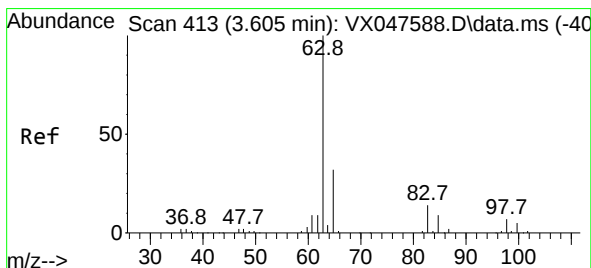
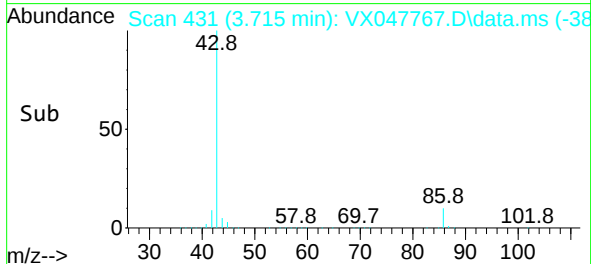
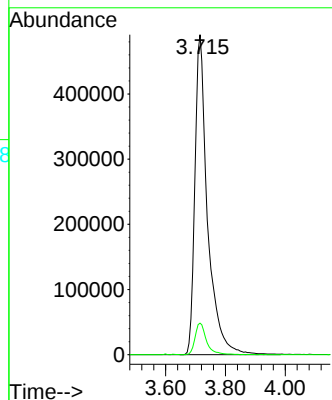
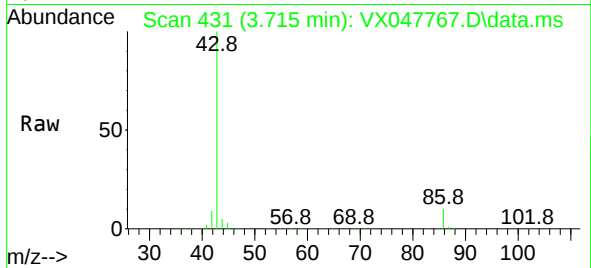
#23
 Vinyl Acetate
 Concen: 278.405 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047767.D
 Acq: 24 Sep 2025 10:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1442450
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

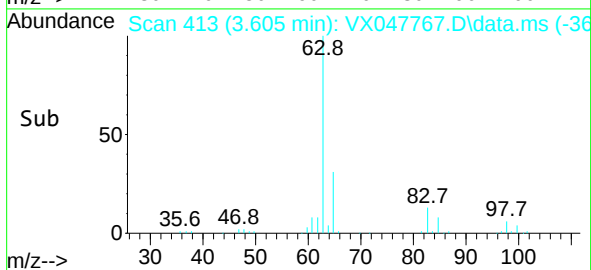
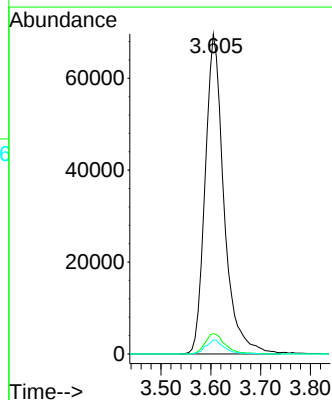
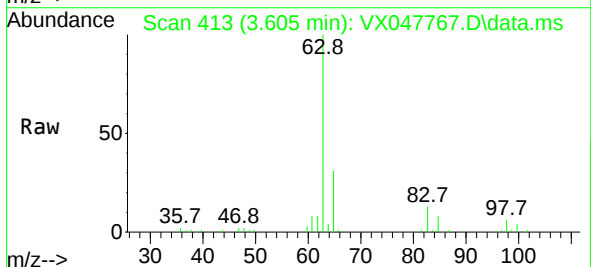
Manual Integrations
 APPROVED

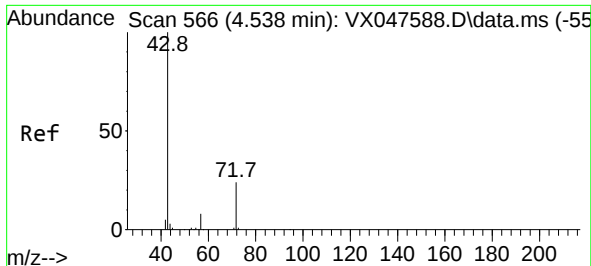
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 53.106 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047767.D
 Acq: 24 Sep 2025 10:50

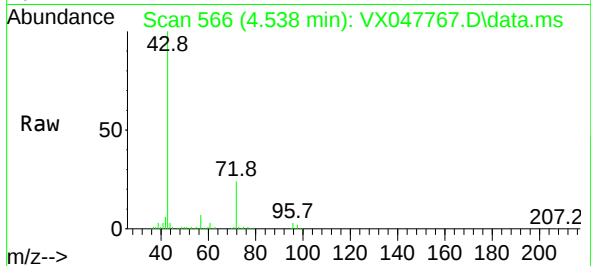
Tgt Ion: 63 Resp: 182725
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 289.378 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

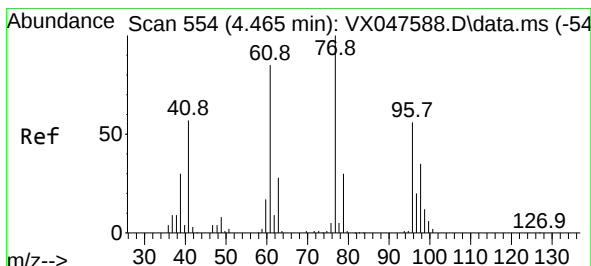
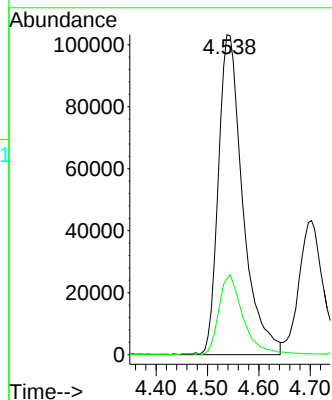
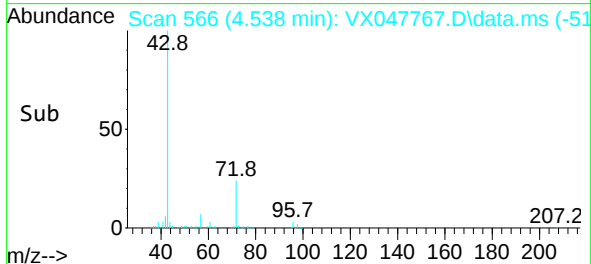
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 340369
Ion Ratio Lower Upper
43 100
72 23.6 20.1 30.1

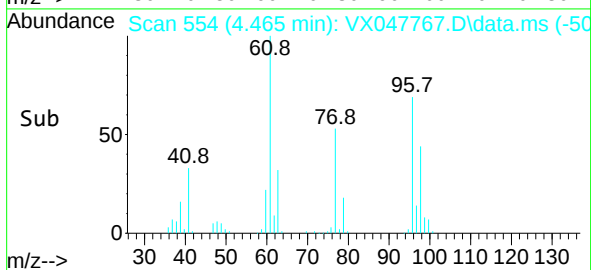
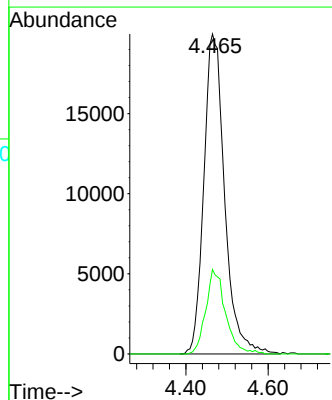
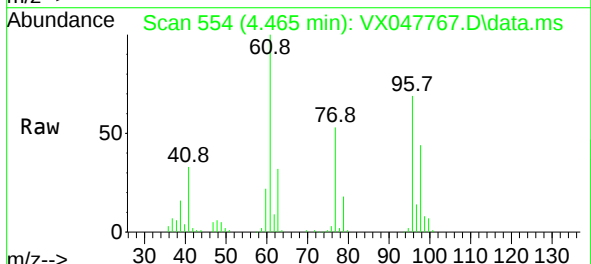
Manual Integrations
APPROVED

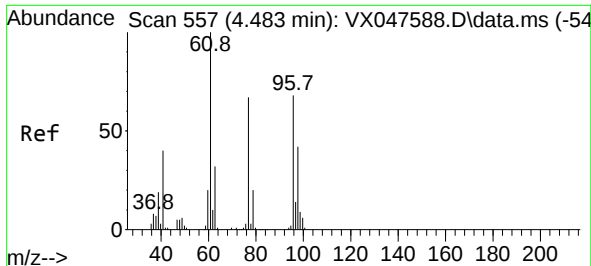
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 24.508 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion: 77 Resp: 70096
Ion Ratio Lower Upper
77 100
97 25.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.299 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047767.D

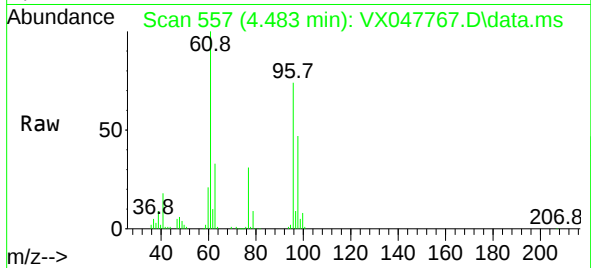
Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



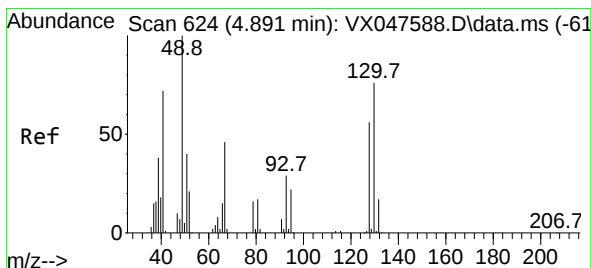
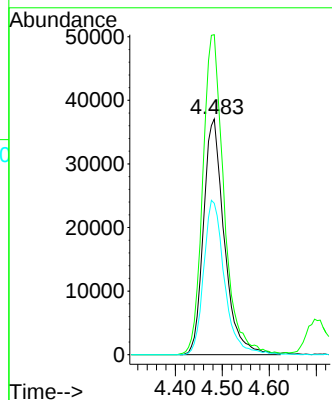
Tgt Ion:	96	Resp:	11375
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	303.2
98	65.5	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#28

Bromochloromethane

Concen: 53.622 ug/l

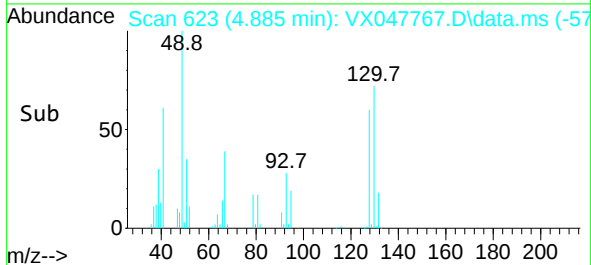
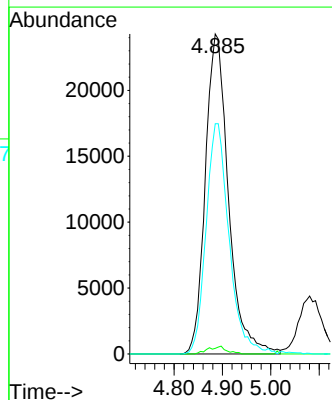
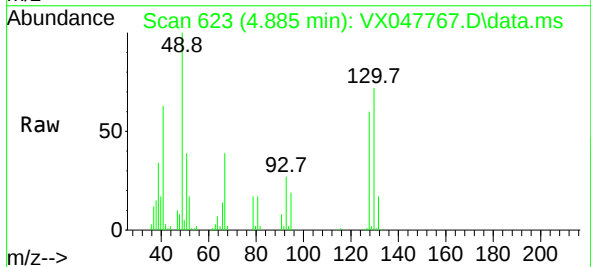
RT: 4.885 min Scan# 623

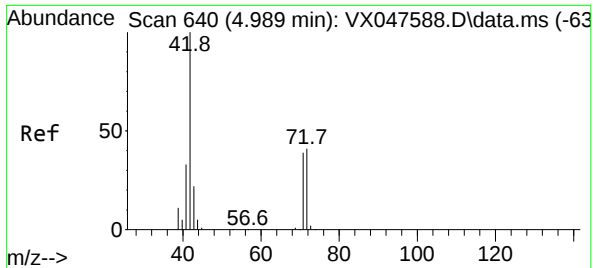
Delta R.T. -0.006 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Tgt Ion:	49	Resp:	80547
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	71.6	57.8	86.8





#29

Tetrahydrofuran

Concen: 311.862 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX047767.D

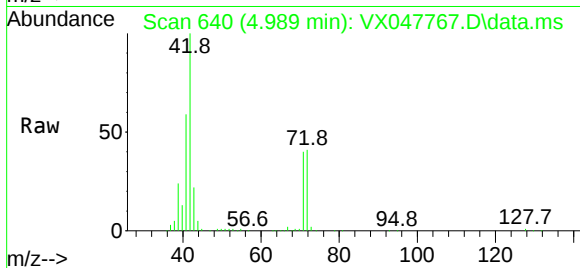
Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



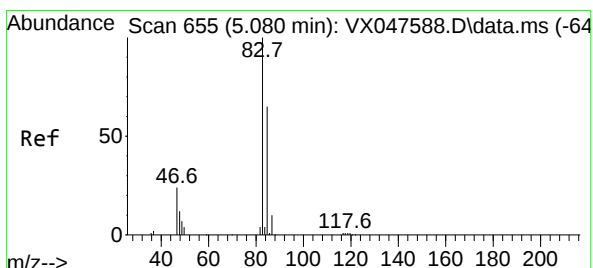
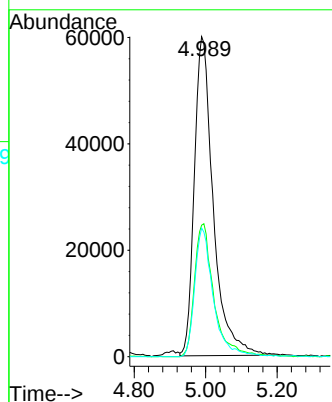
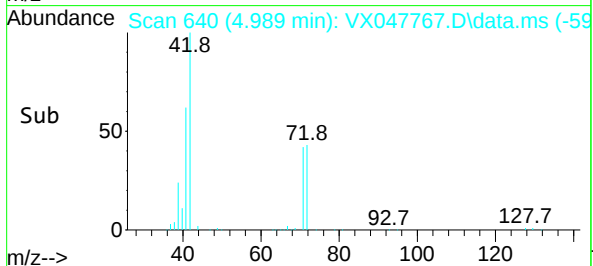
Tgt Ion:	42	Resp:	22066
Ion Ratio	Lower	Upper	
42	100		
72	42.6	34.2	51.2
71	39.6	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 53.913 ug/l

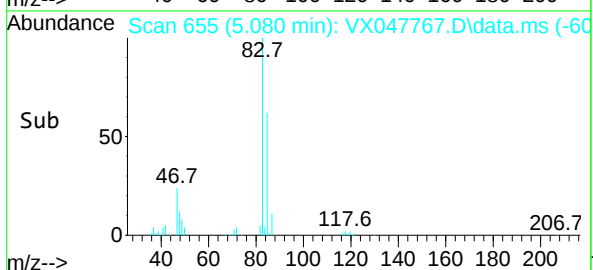
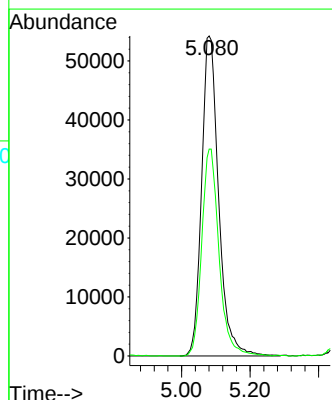
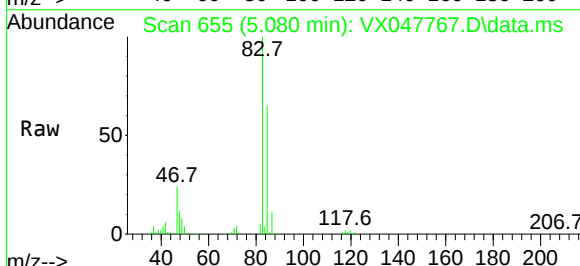
RT: 5.080 min Scan# 655

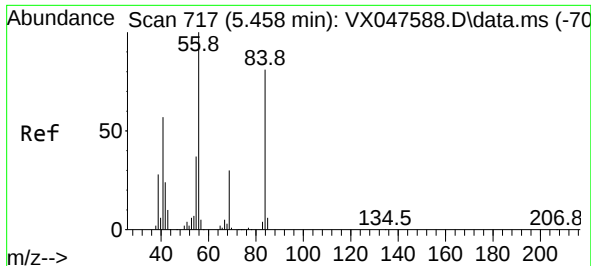
Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

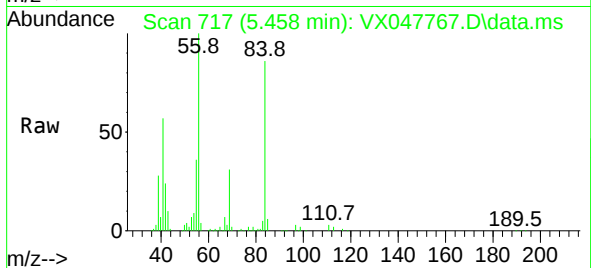
Tgt Ion:	83	Resp:	187454
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6





#31
Cyclohexane
Concen: 50.693 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

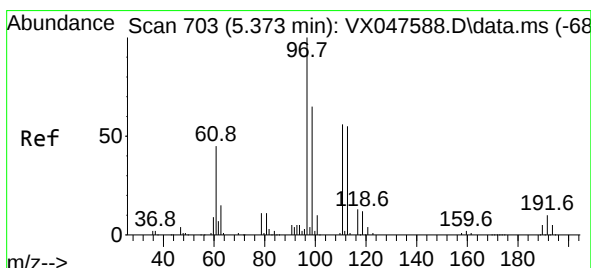
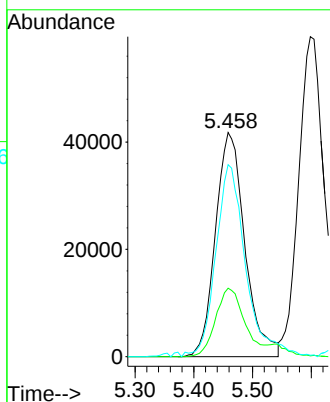
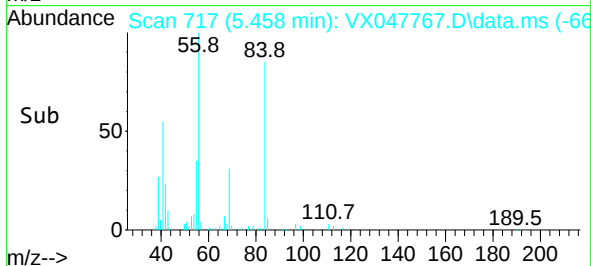
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



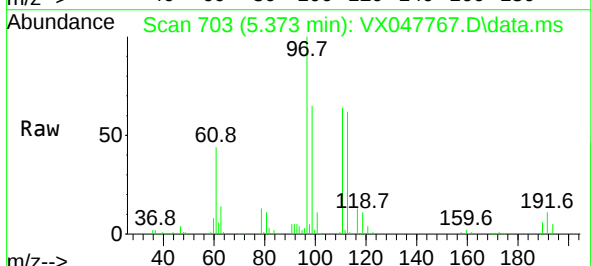
Tgt Ion: 56 Resp: 14527
Ion Ratio Lower Upper
56 100
69 30.6 23.8 35.8
84 83.7 64.6 97.0

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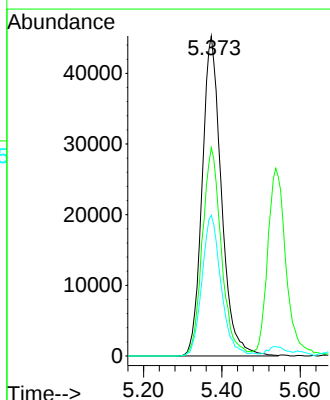
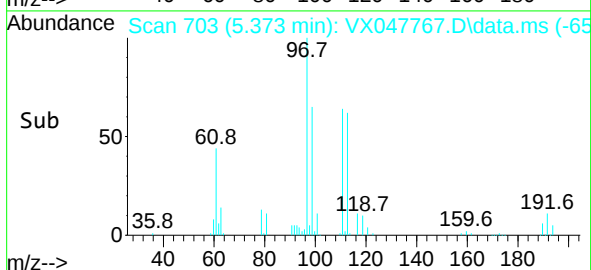
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

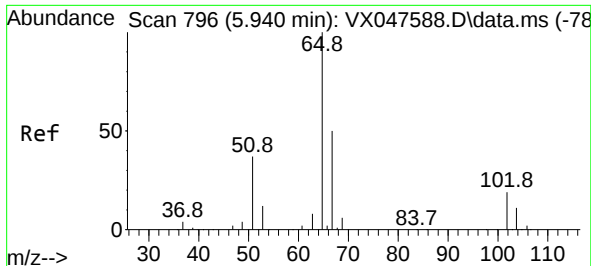


#32
1,1,1-Trichloroethane
Concen: 52.395 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



Tgt Ion: 97 Resp: 154526
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 43.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.388 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 117949

Ion Ratio Lower Upper

65 100

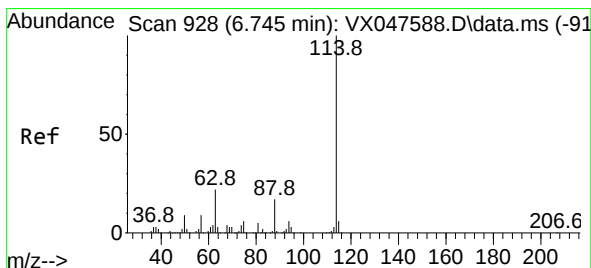
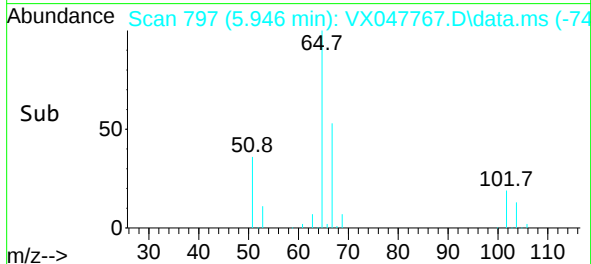
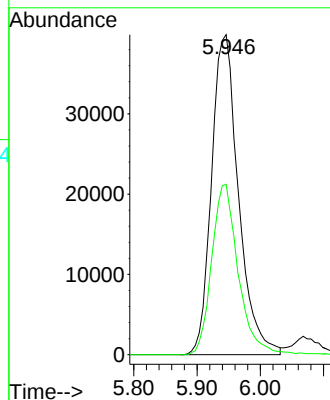
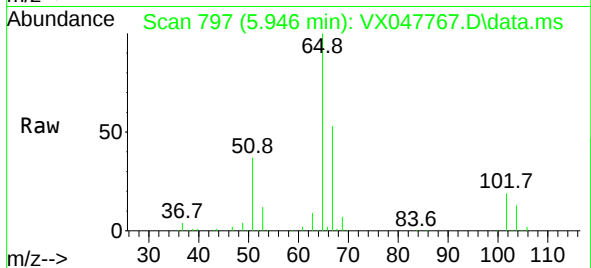
67 52.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

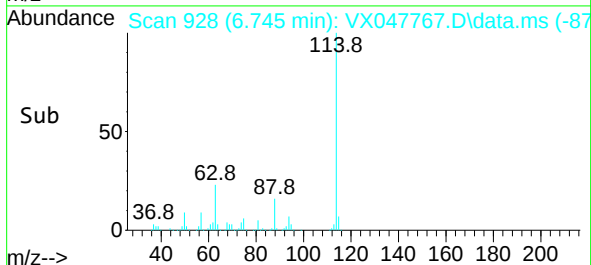
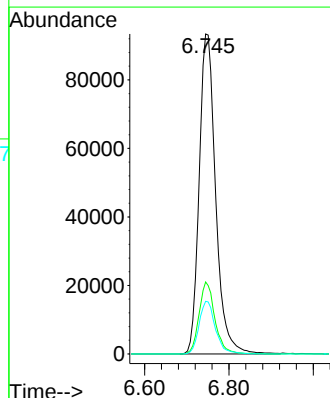
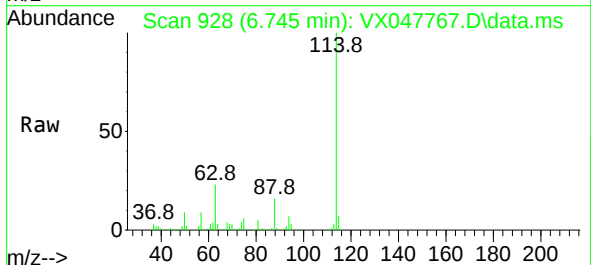
Tgt Ion:114 Resp: 254252

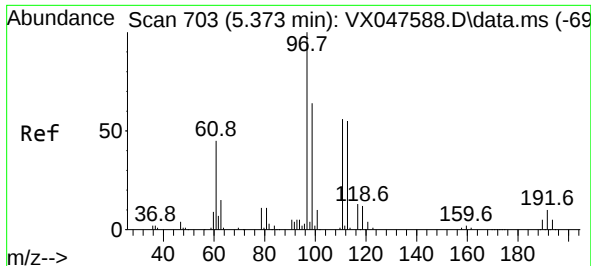
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

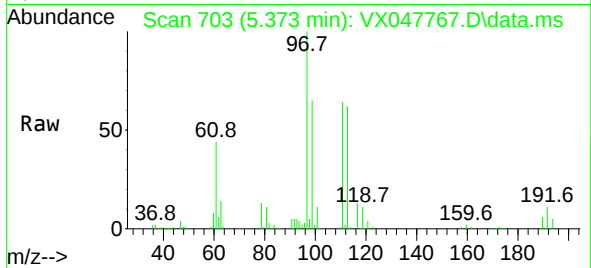
88 16.5 0.0 34.2





#35
Dibromofluoromethane
Concen: 53.983 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

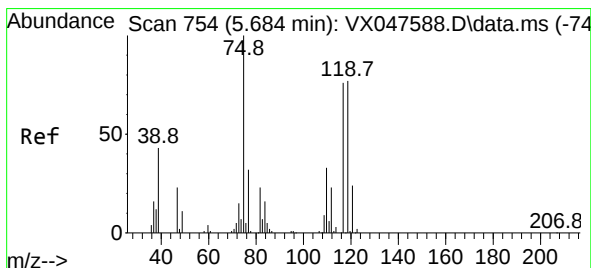
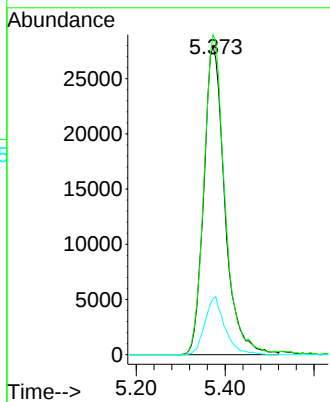
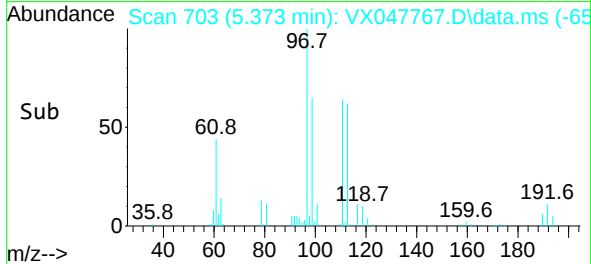
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



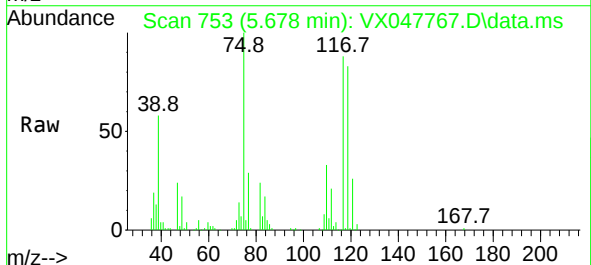
Tgt Ion: 113 Resp: 92049
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.8 14.2 21.4

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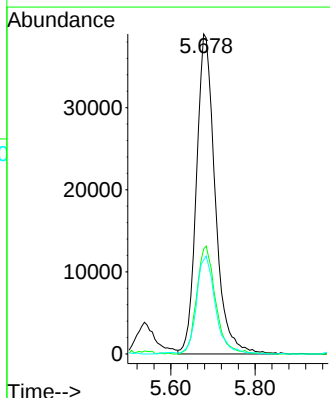
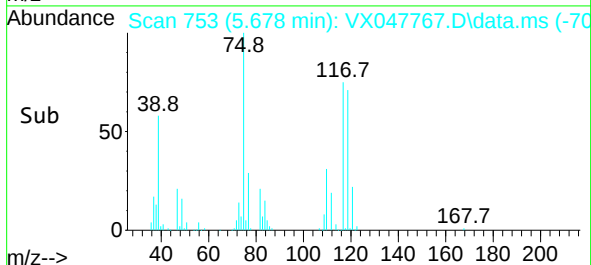
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

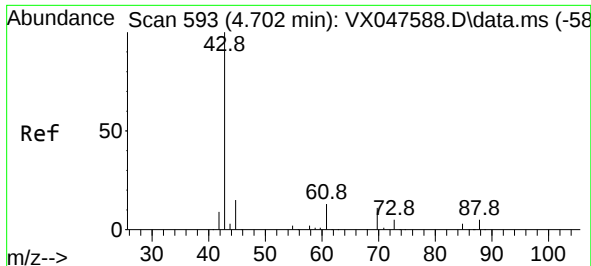


#36
1,1-Dichloropropene
Concen: 48.437 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



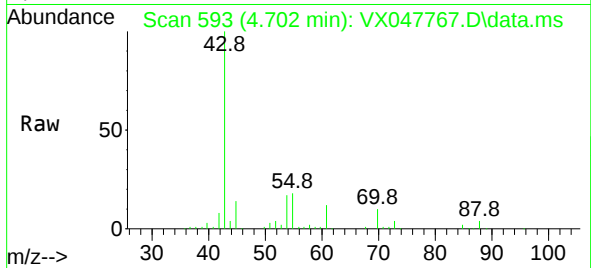
Tgt Ion: 75 Resp: 120688
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.1
77 30.0 24.3 36.5





#37
Ethyl Acetate
Concen: 55.869 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

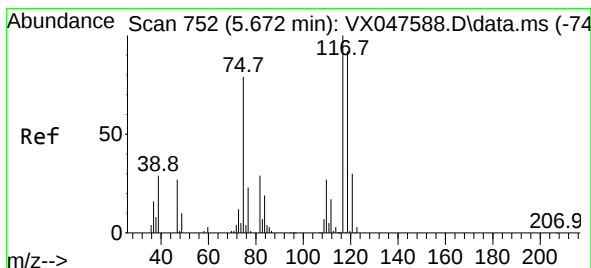
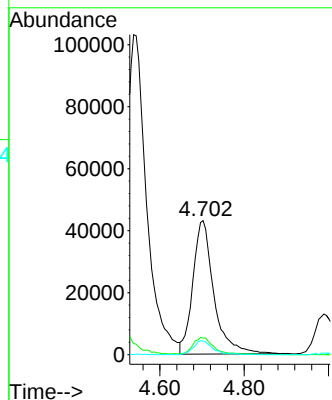
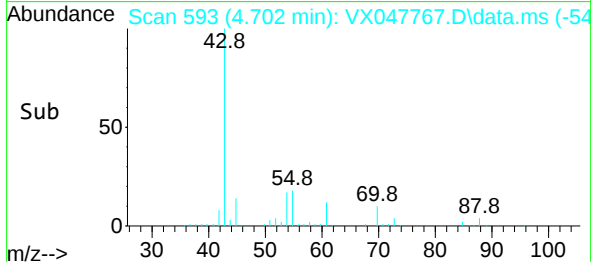
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149048
Ion Ratio Lower Upper
43 100
61 11.6 9.8 14.8
70 9.4 7.9 11.9

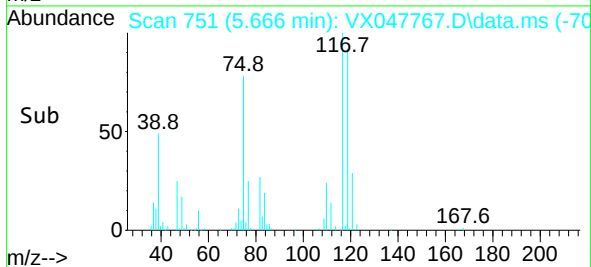
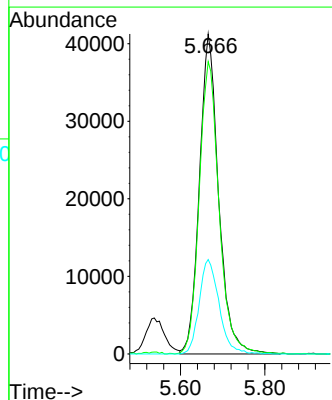
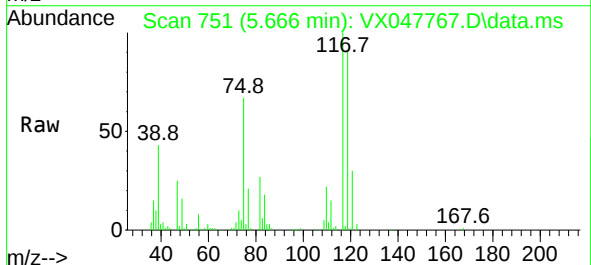
Manual Integrations
APPROVED

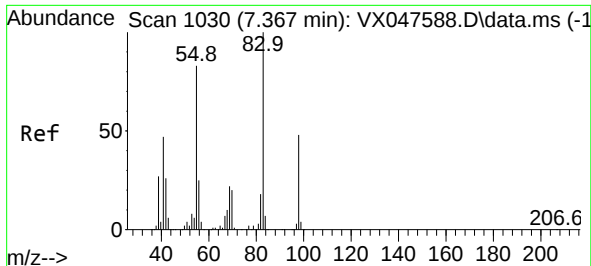
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#38
Carbon Tetrachloride
Concen: 48.322 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion:117 Resp: 130818
Ion Ratio Lower Upper
117 100
119 91.2 73.4 110.2
121 29.5 23.8 35.6





#39

Methylcyclohexane

Concen: 47.171 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047767.D

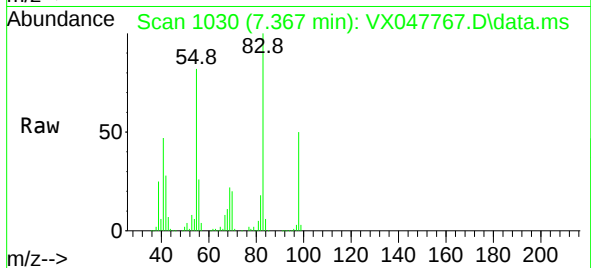
Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



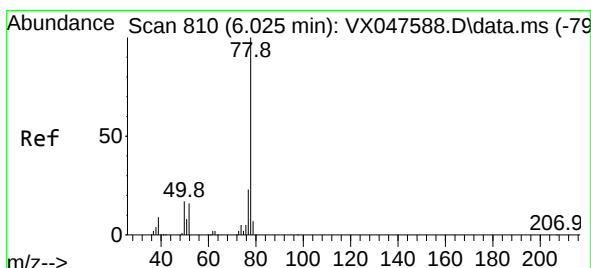
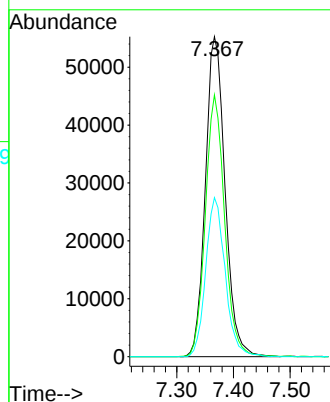
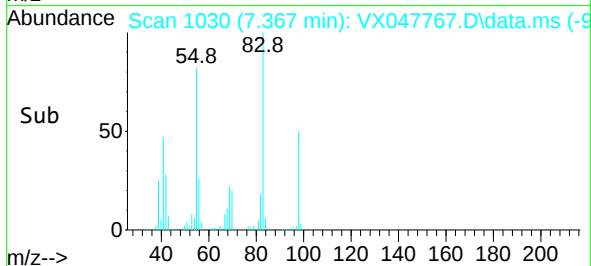
Tgt Ion:	83	Resp:	133414
Ion	Ratio	Lower	Upper
83	100		
55	81.7	66.4	99.6
98	49.7	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 51.523 ug/l

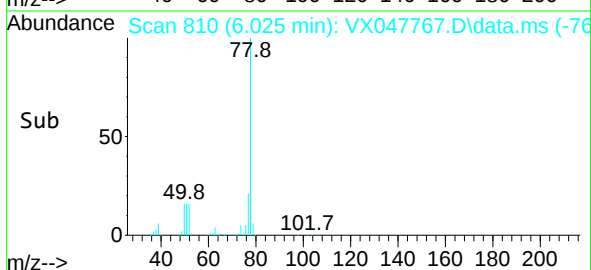
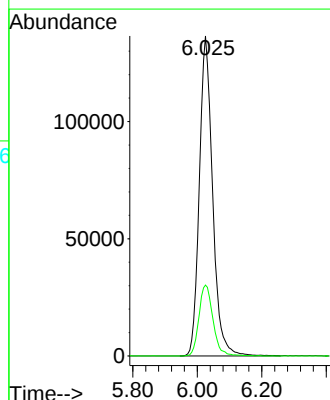
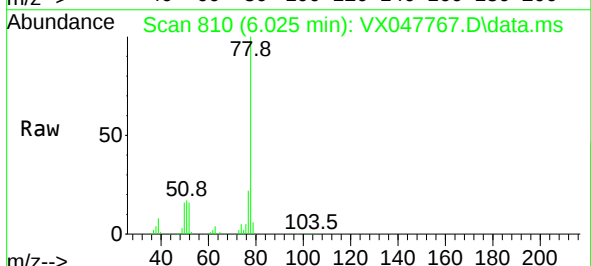
RT: 6.025 min Scan# 810

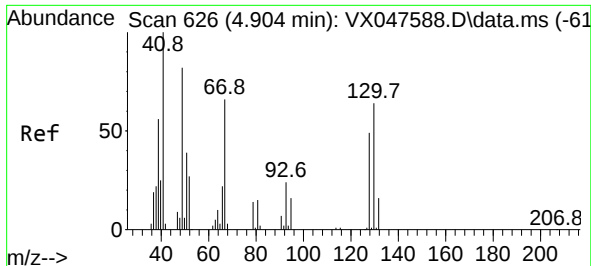
Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

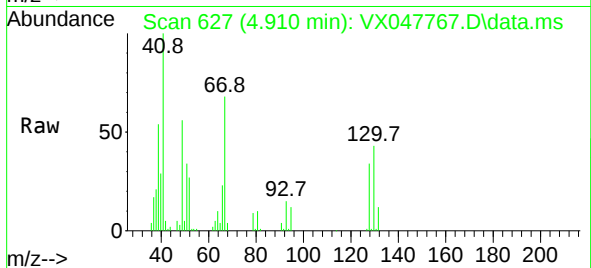
Tgt Ion:	78	Resp:	389912
Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.8	28.2





#41
Methacrylonitrile
Concen: 56.618 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

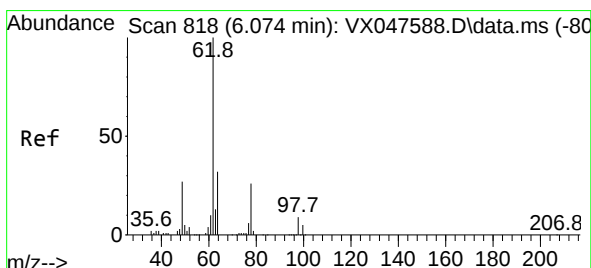
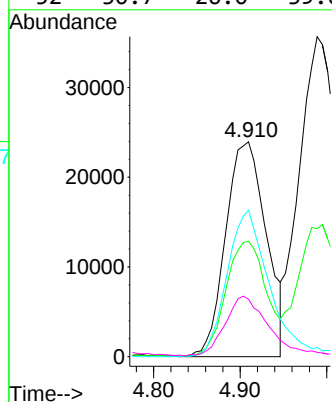
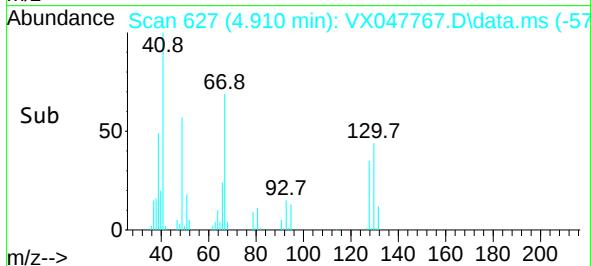
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 77979
Ion Ratio Lower Upper
41 100
39 53.2 43.3 64.9
67 73.2 58.6 87.8
52 30.7 26.0 39.0

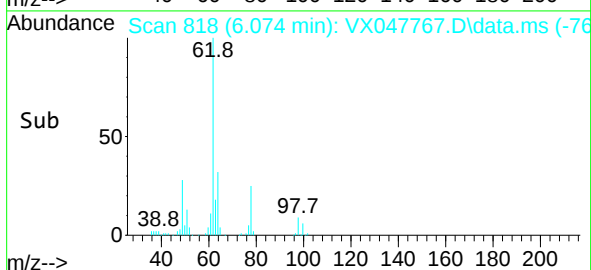
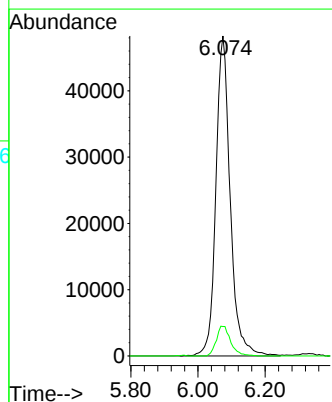
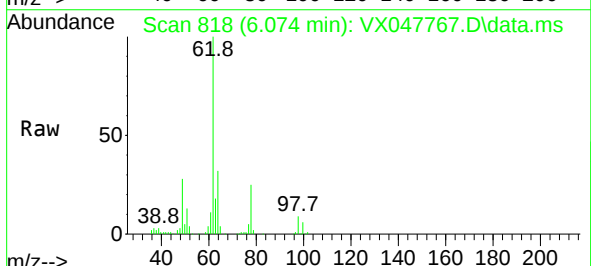
Manual Integrations
APPROVED

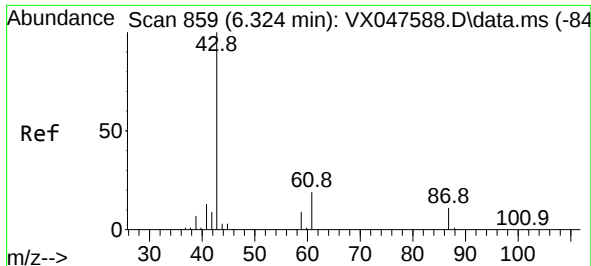
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 49.663 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

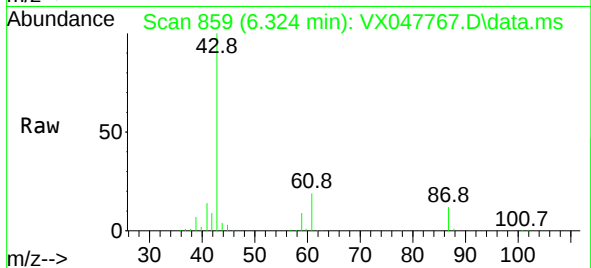
Tgt Ion: 62 Resp: 143000
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.0





#43
Isopropyl Acetate
Concen: 53.933 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

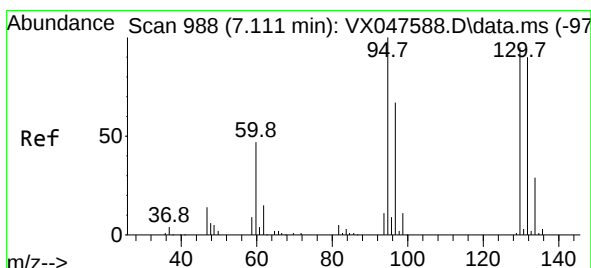
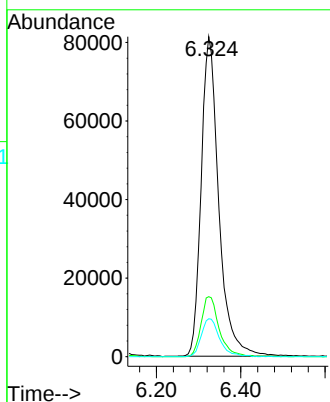
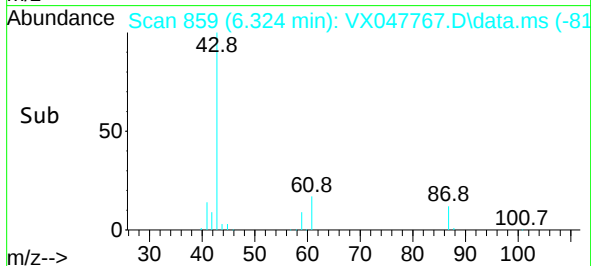
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 235980
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 12.4 9.6 14.4

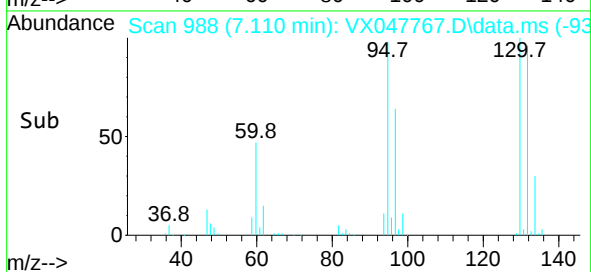
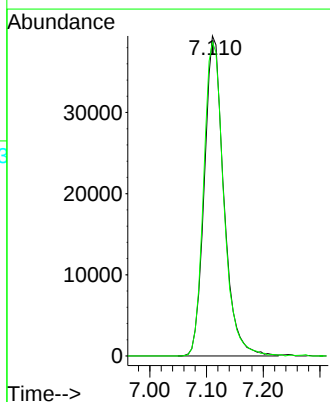
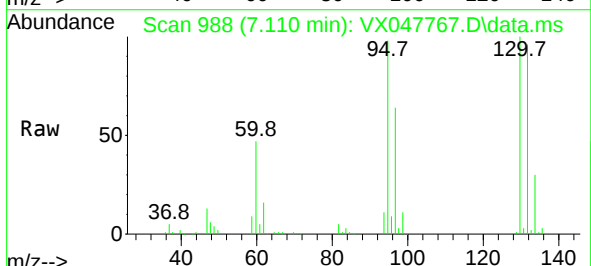
Manual Integrations
APPROVED

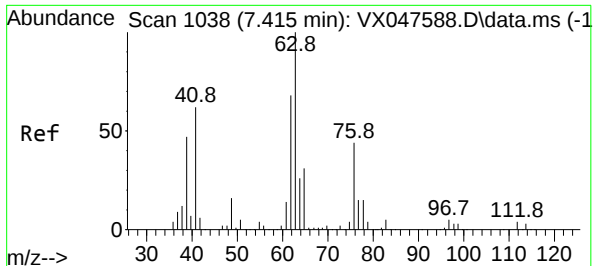
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 51.488 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion:130 Resp: 94203
Ion Ratio Lower Upper
130 100
95 98.0 0.0 210.8





#45

1,2-Dichloropropane

Concen: 52.653 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10203

Ion Ratio Lower Upper

63 100

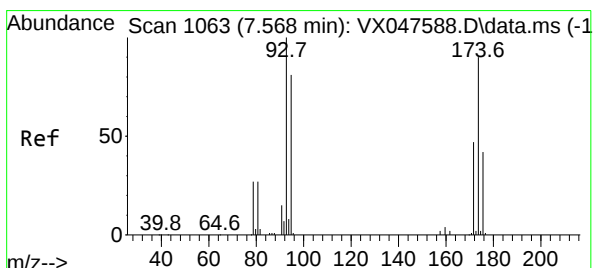
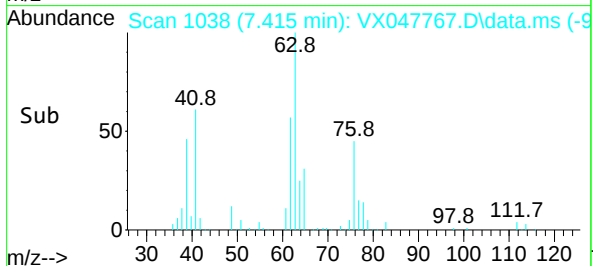
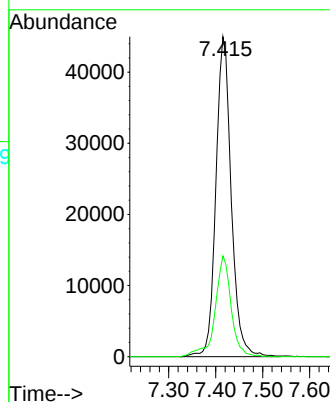
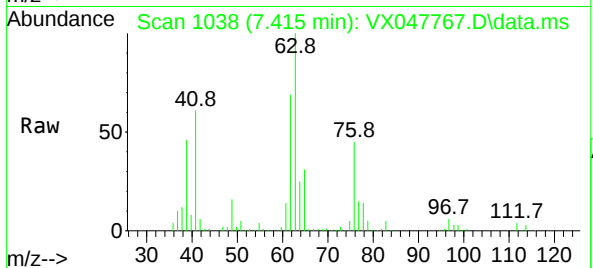
65 31.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 52.881 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

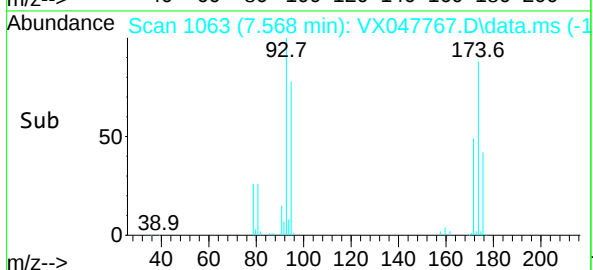
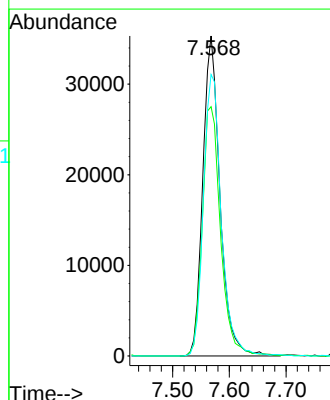
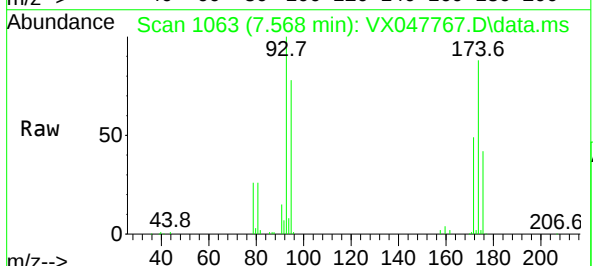
Tgt Ion: 93 Resp: 74570

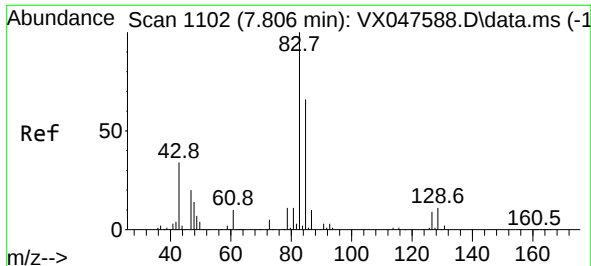
Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

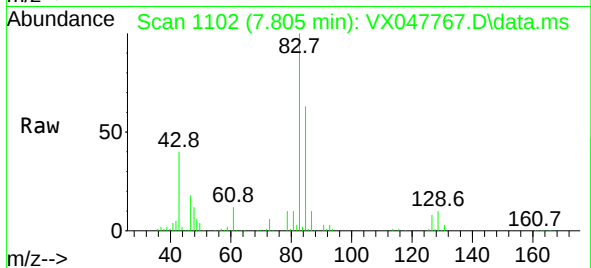
174 91.5 71.6 107.4





#47
Bromodichloromethane
Concen: 51.676 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

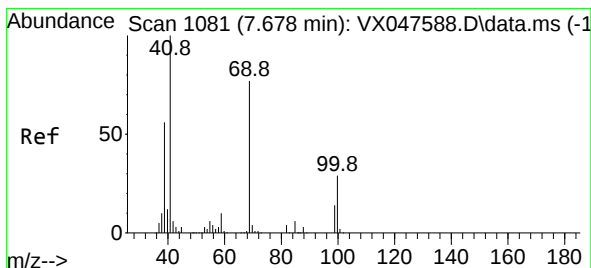
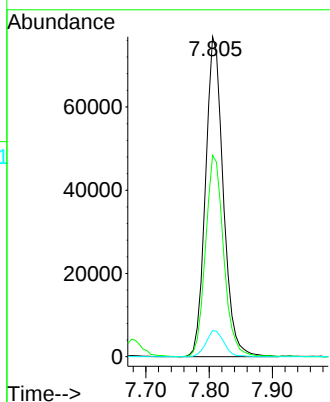
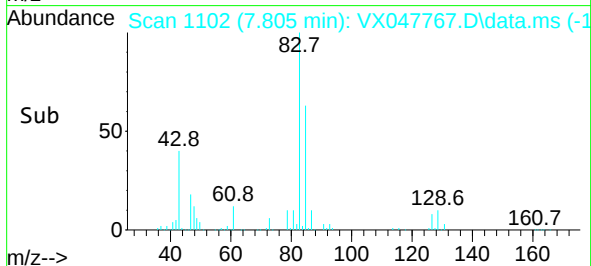
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



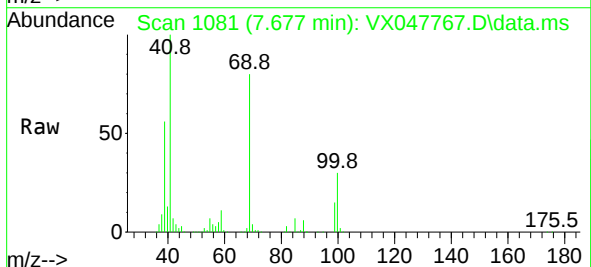
Tgt Ion: 83 Resp: 150372
Ion Ratio Lower Upper
83 100
85 63.0 52.5 78.7
127 8.2 6.9 10.3

Manual Integrations
APPROVED

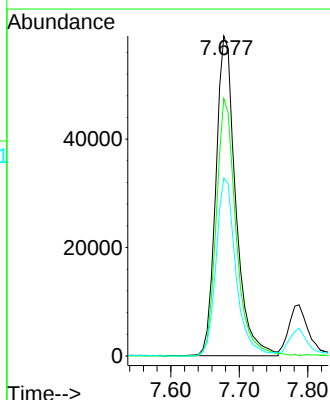
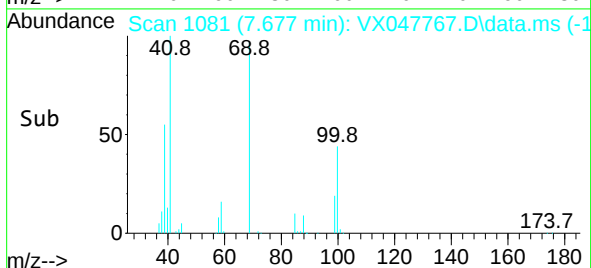
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

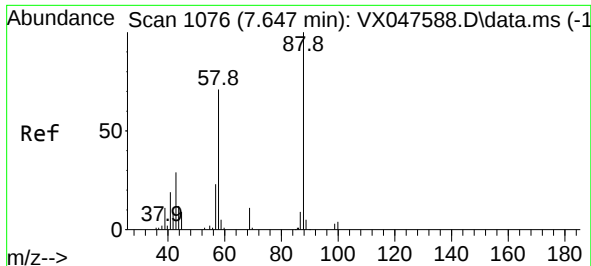


#48
Methyl methacrylate
Concen: 54.378 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



Tgt Ion: 41 Resp: 118513
Ion Ratio Lower Upper
41 100
69 79.6 61.4 92.2
39 55.7 45.8 68.6





#49

1,4-Dioxane

Concen: 1379.627 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3038

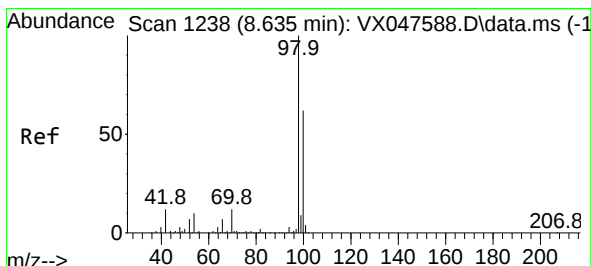
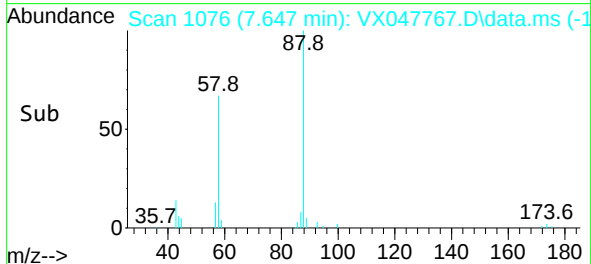
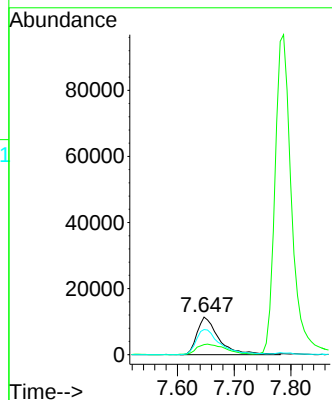
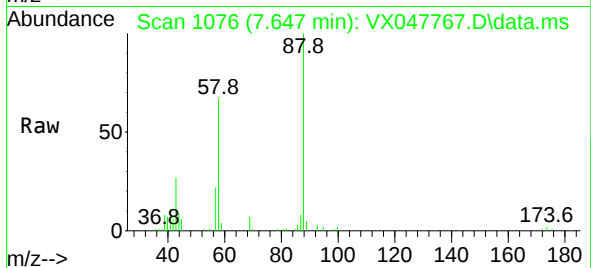
Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.2	45.2
58	73.0	59.5	89.3

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 53.290 ug/l

RT: 8.635 min Scan# 1238

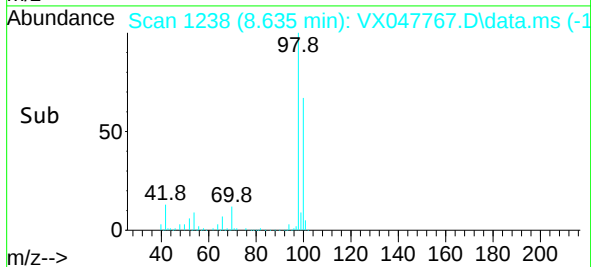
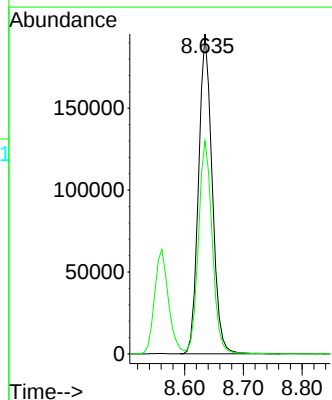
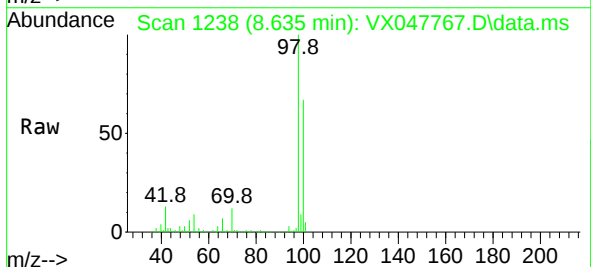
Delta R.T. -0.000 min

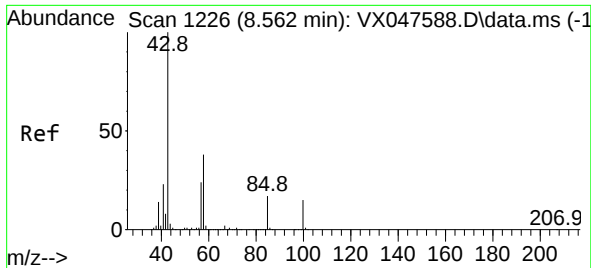
Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Tgt Ion: 98 Resp: 314422

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4





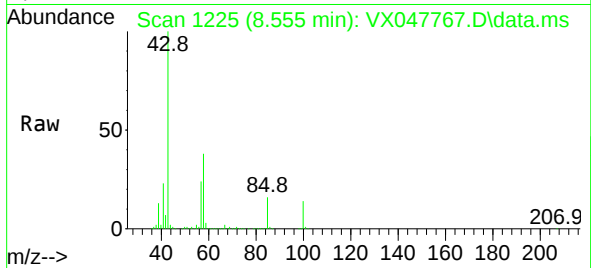
#51
4-Methyl-2-Pentanone
Concen: 296.207 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



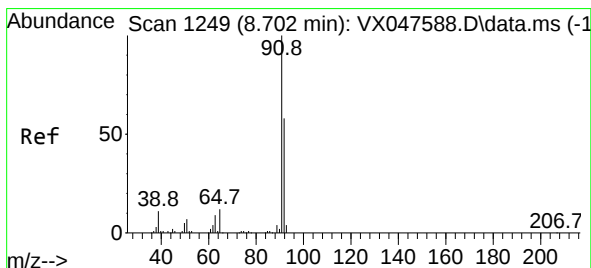
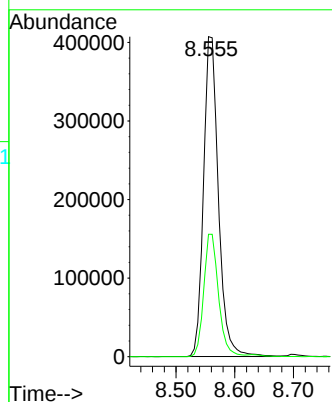
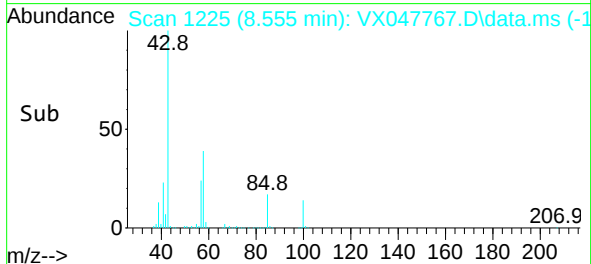
Tgt Ion: 43 Resp: 71857
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

Manual Integrations

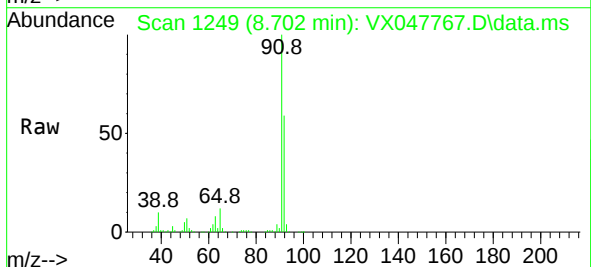
APPROVED

Reviewed By :John Carlone 09/25/2025

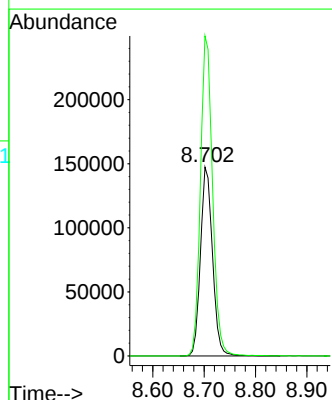
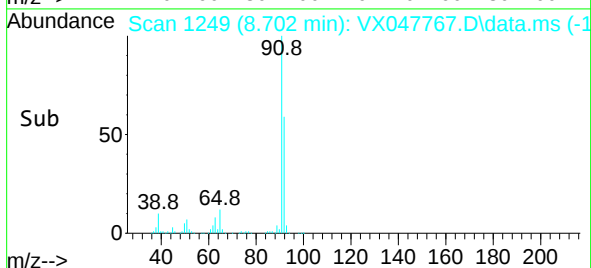
Supervised By :Mahesh Dadoda 09/26/2025

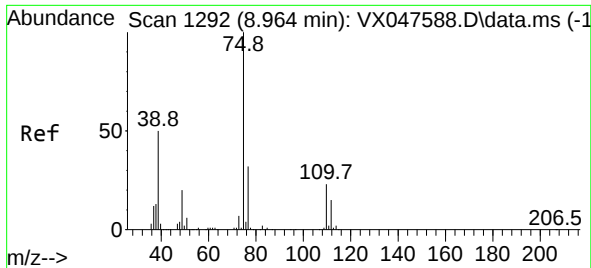


#52
Toluene
Concen: 51.397 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



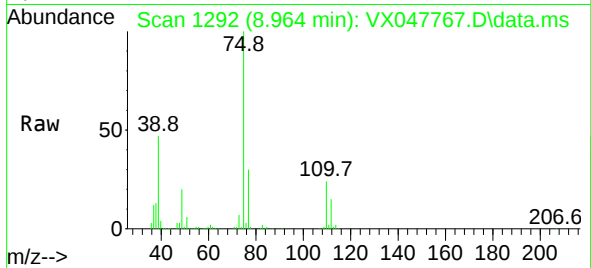
Tgt Ion: 92 Resp: 239637
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 46.292 ug/l
RT: 8.964 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

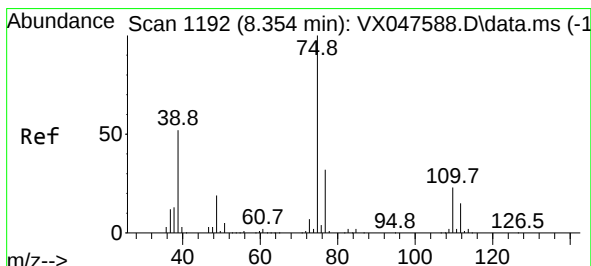
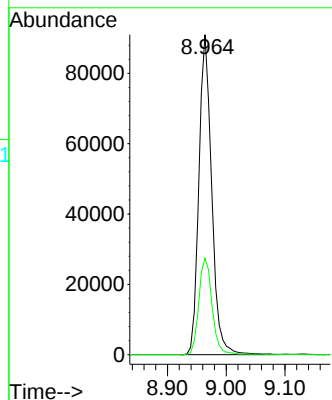
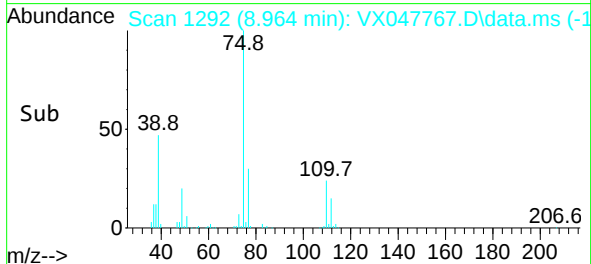
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



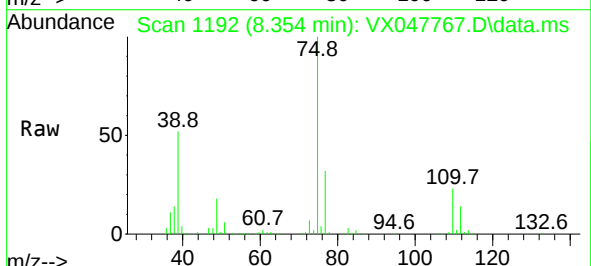
Tgt Ion: 75 Resp: 137402
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2

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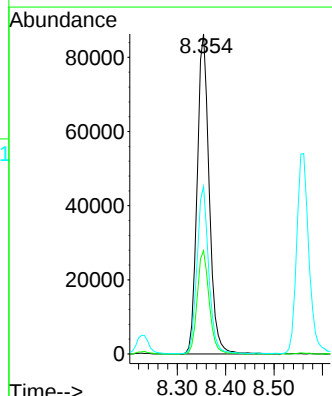
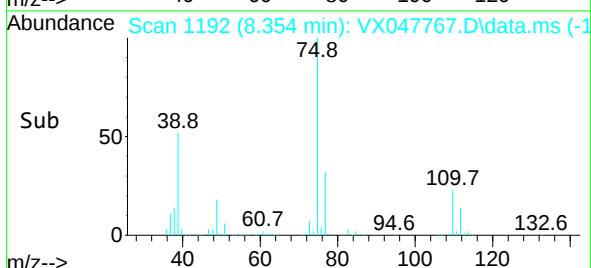
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

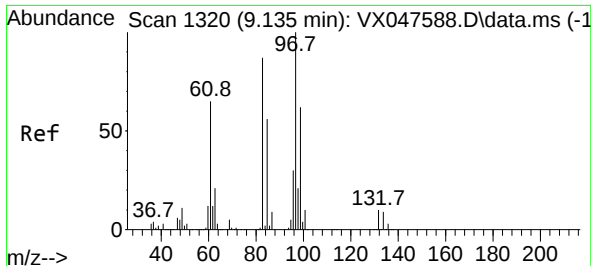


#54
cis-1,3-Dichloropropene
Concen: 47.013 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



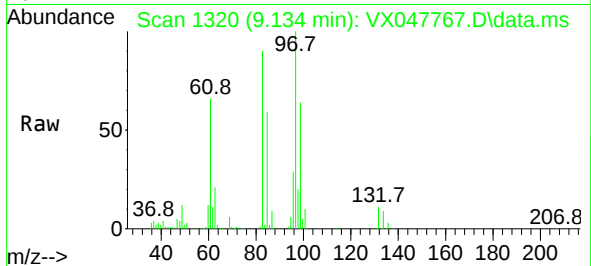
Tgt Ion: 75 Resp: 149149
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
39 51.7 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 53.607 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

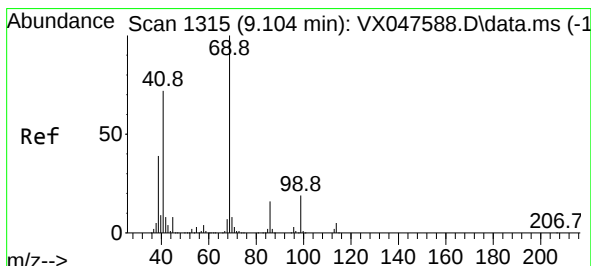
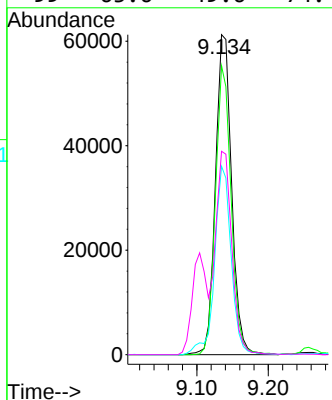
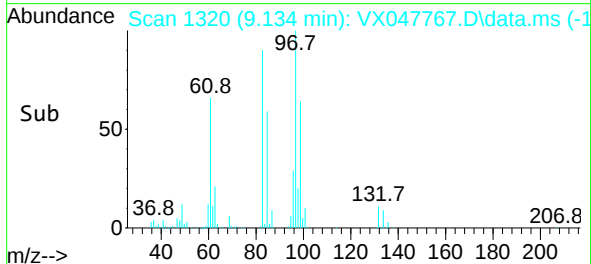
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



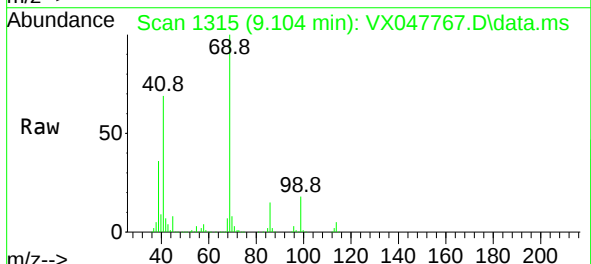
Tgt Ion:	97	Resp:	96370
Ion Ratio	100	Lower	Upper
97	100		
83	90.2	69.6	104.4
85	58.8	45.0	67.6
99	63.6	49.6	74.4

Manual Integrations
APPROVED

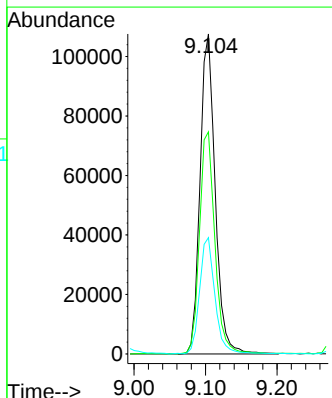
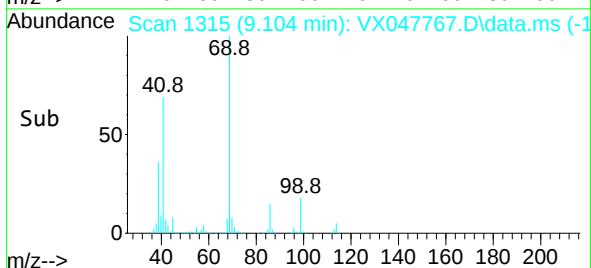
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

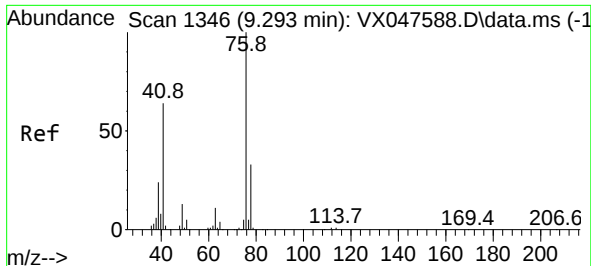


#56
Ethyl methacrylate
Concen: 56.087 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



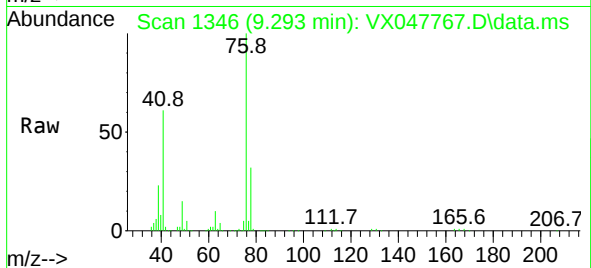
Tgt Ion:	69	Resp:	158357
Ion Ratio	100	Lower	Upper
69	100		
41	70.4	58.6	87.8
39	37.1	31.5	47.3





#57
1,3-Dichloropropane
Concen: 54.213 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

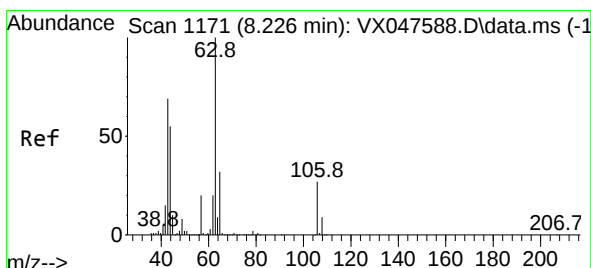
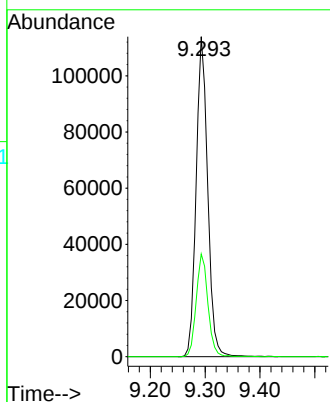
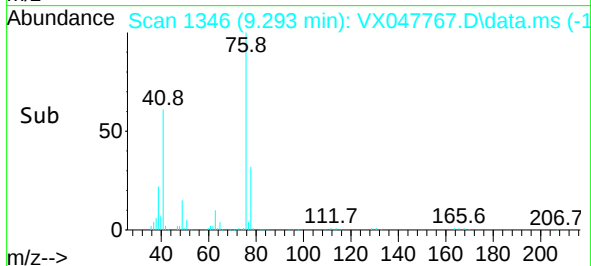
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



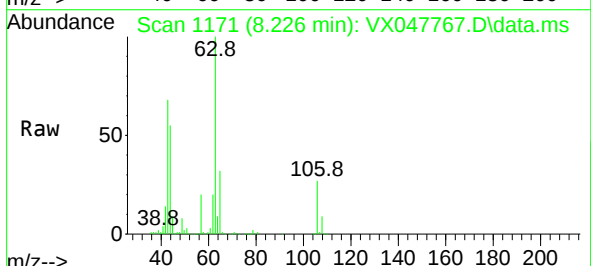
Tgt Ion: 76 Resp: 167428
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4

Manual Integrations
APPROVED

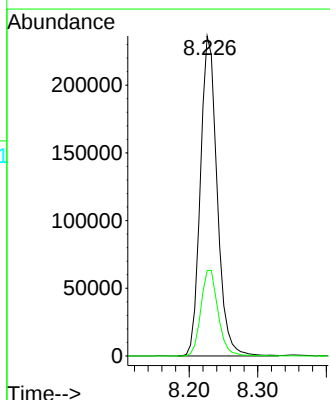
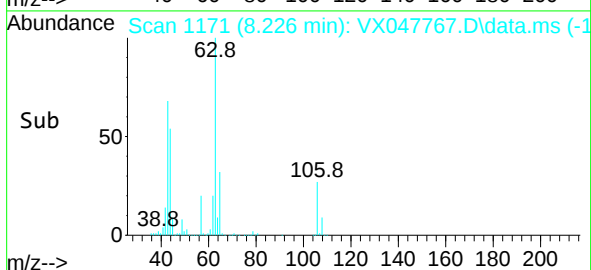
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

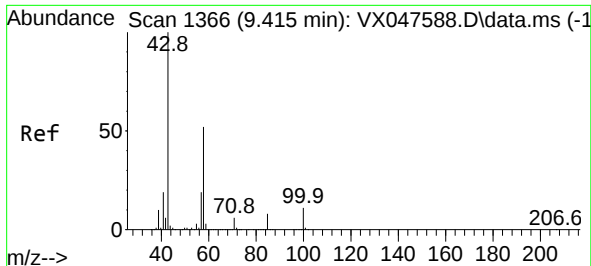


#58
2-Chloroethyl Vinyl ether
Concen: 294.817 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



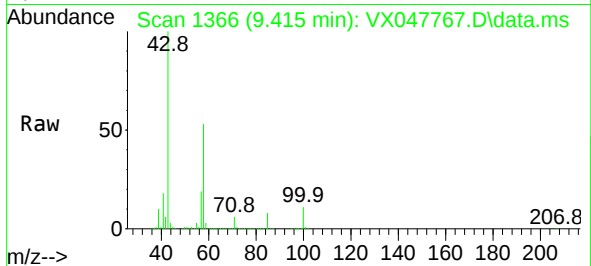
Tgt Ion: 63 Resp: 402380
Ion Ratio Lower Upper
63 100
106 27.5 21.9 32.9





#59
2-Hexanone
Concen: 288.900 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

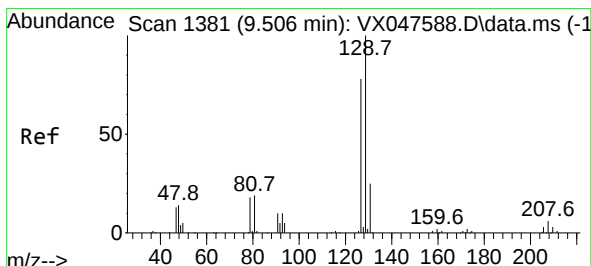
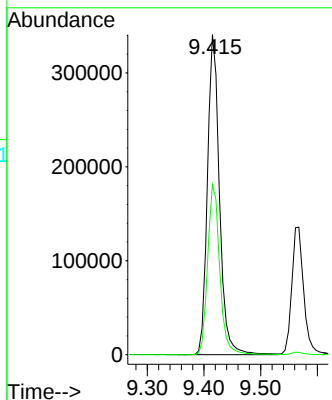
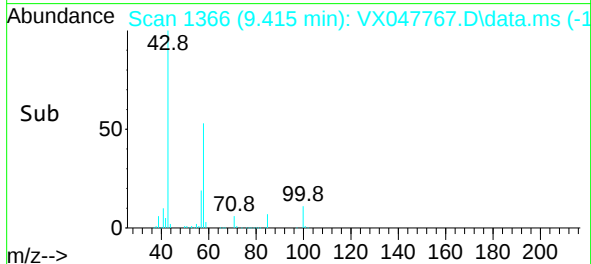
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 50335
Ion Ratio Lower Upper
43 100
58 53.6 26.1 78.2

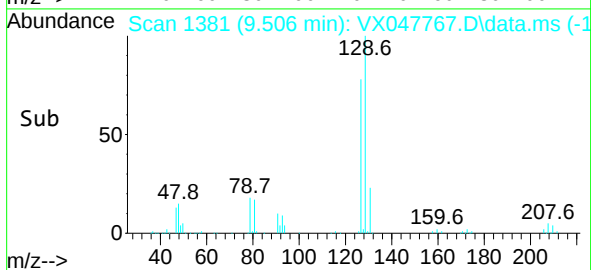
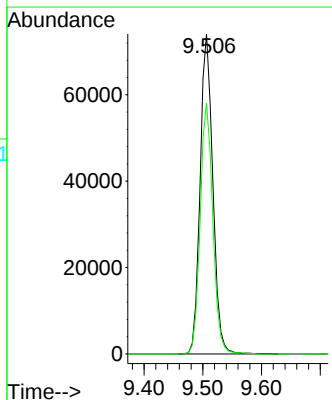
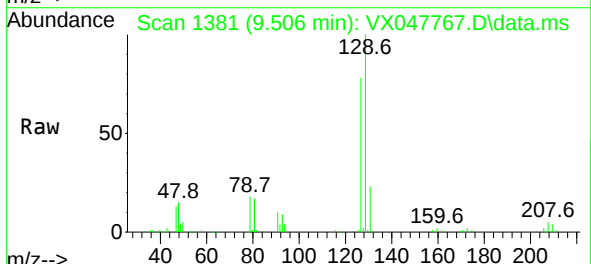
Manual Integrations
APPROVED

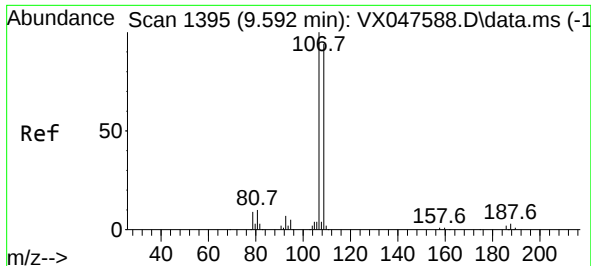
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 53.612 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

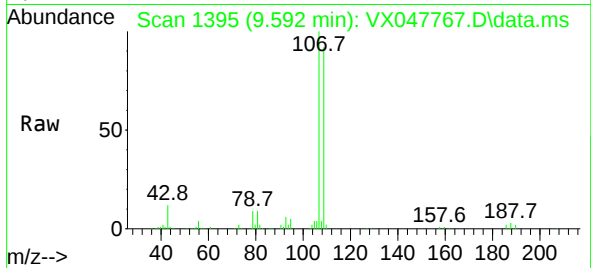
Tgt Ion:129 Resp: 111057
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.2





#61
1,2-Dibromoethane
Concen: 56.360 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

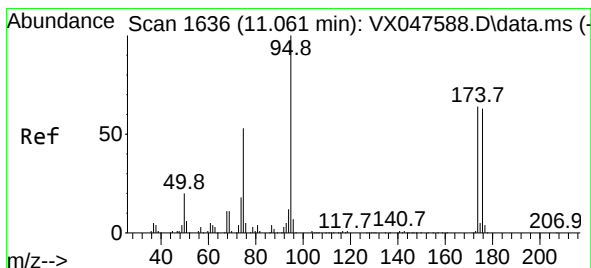
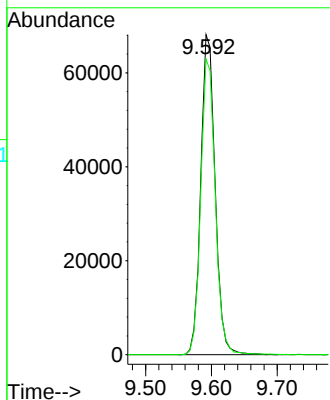
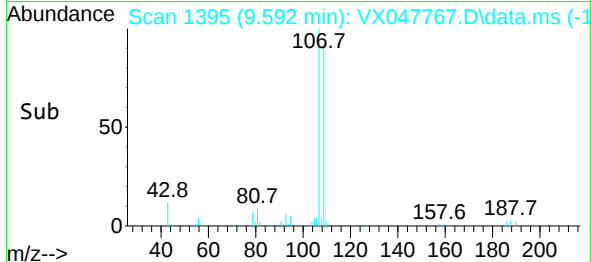
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



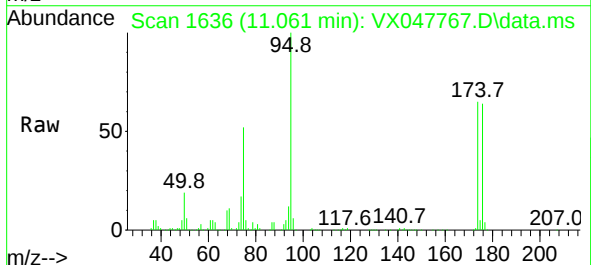
Tgt Ion: 107 Resp: 10320
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

Manual Integrations
APPROVED

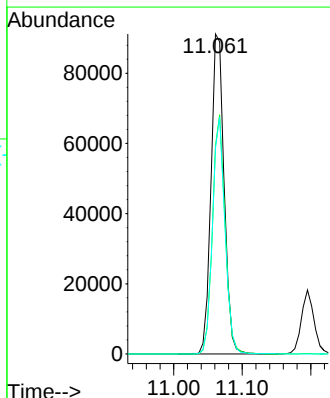
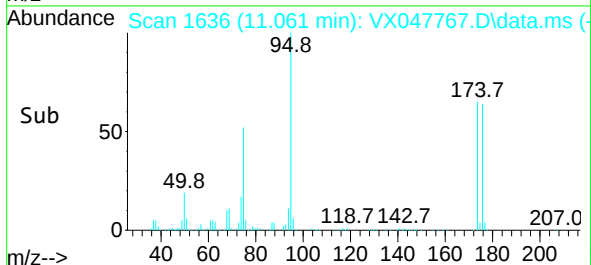
Reviewed By : John Carlone 09/25/2025
Supervised By : Mahesh Dadoda 09/26/2025

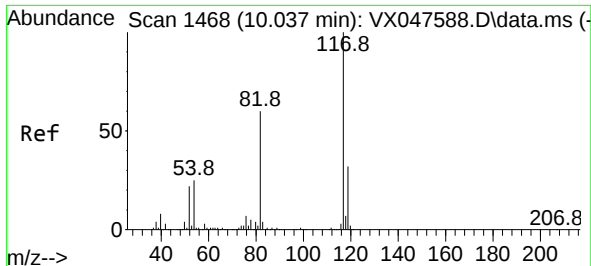


#62
4-Bromofluorobenzene
Concen: 53.949 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



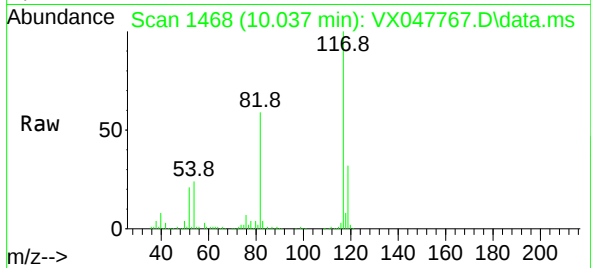
Tgt Ion: 95 Resp: 120804
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 70.6 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

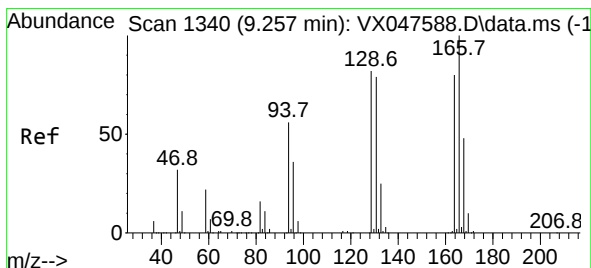
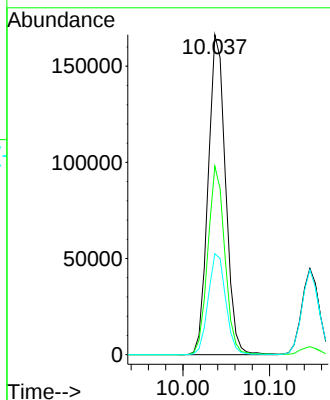
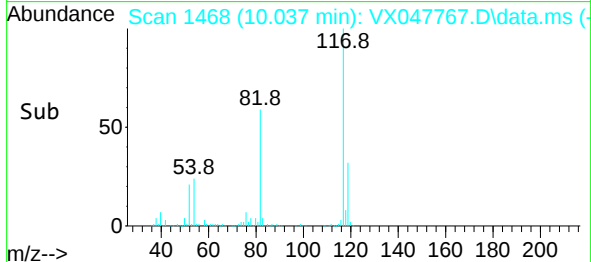
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



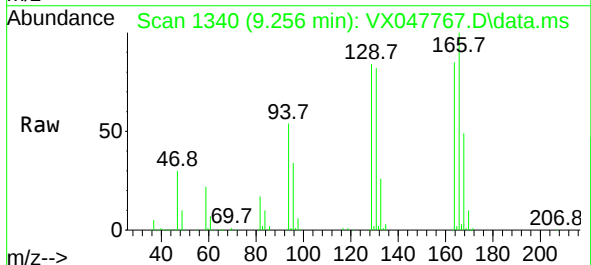
Tgt Ion:117 Resp: 23200
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 31.5 25.2 37.8

Manual Integrations
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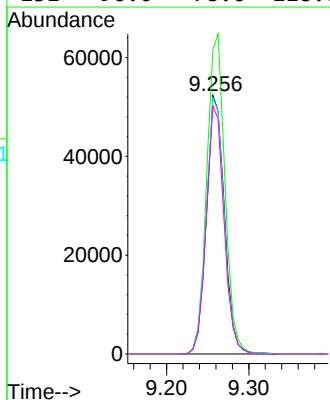
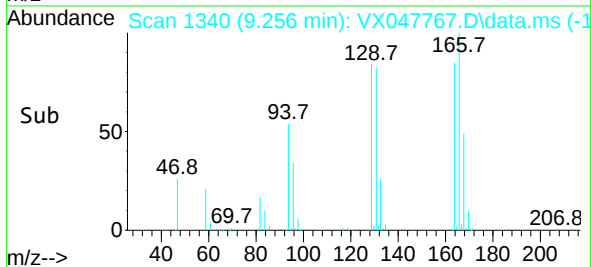
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

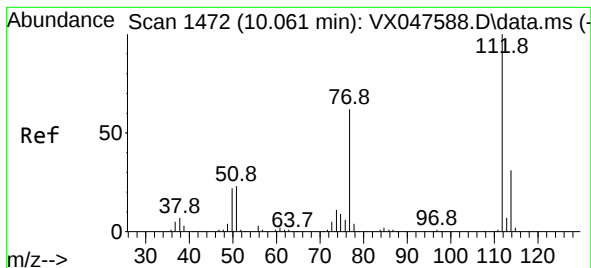


#64
Tetrachloroethene
Concen: 52.130 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



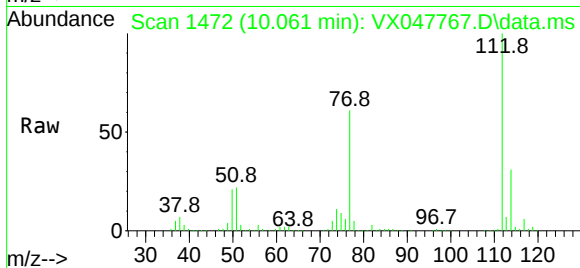
Tgt Ion:164 Resp: 78844
Ion Ratio Lower Upper
164 100
166 117.7 100.2 150.2
129 99.0 81.8 122.6
131 96.0 78.6 118.0





#65
Chlorobenzene
Concen: 50.402 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

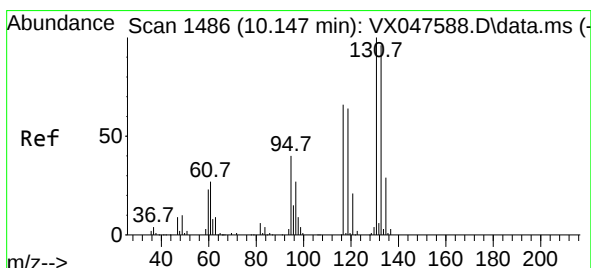
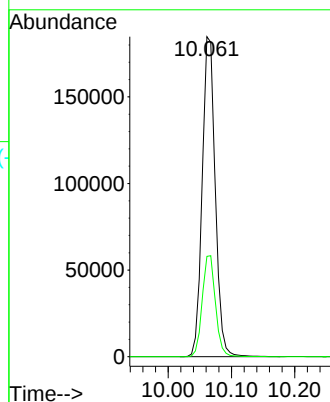
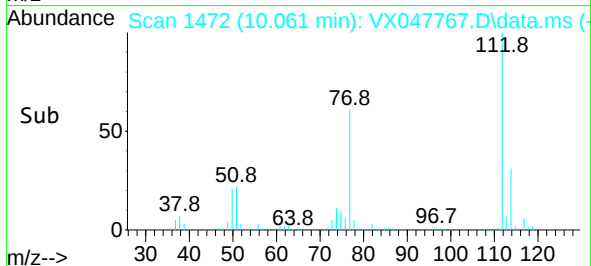
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 265659
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

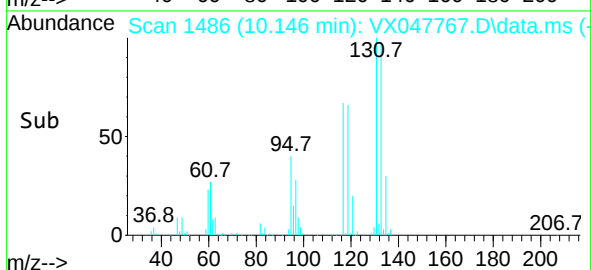
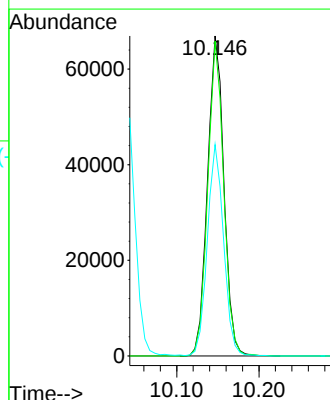
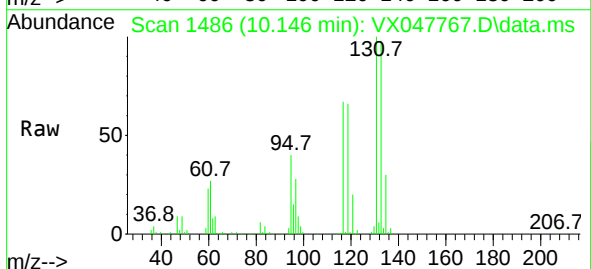
Manual Integrations
APPROVED

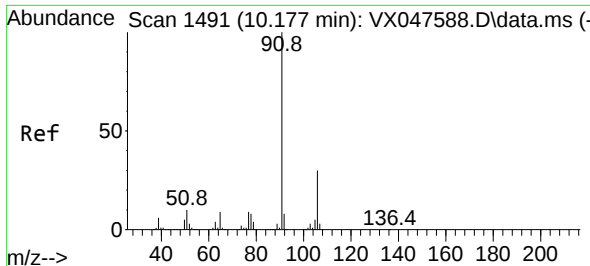
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.137 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion:131 Resp: 93007
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 65.6 32.0 96.0





#67

Ethyl Benzene

Concen: 49.712 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 452093

Ion Ratio Lower Upper

91 100

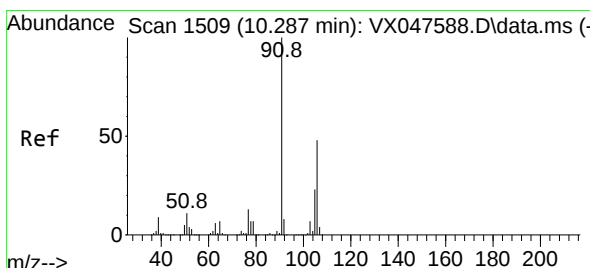
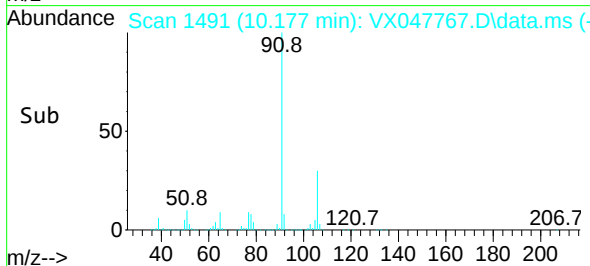
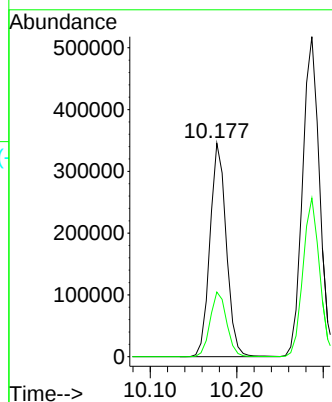
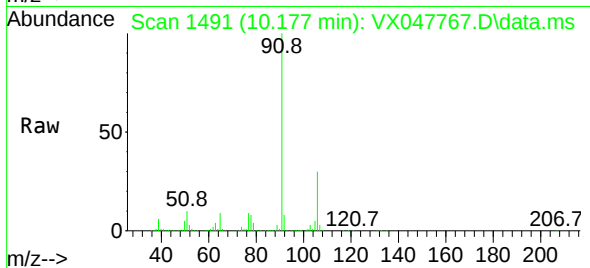
106 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#68

m/p-Xylenes

Concen: 101.520 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047767.D

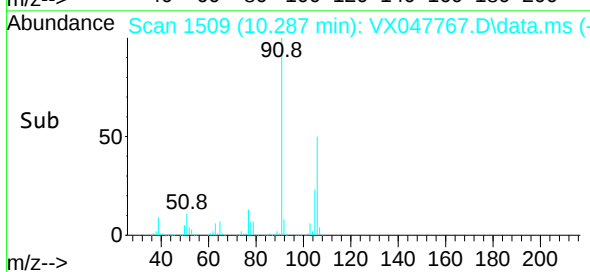
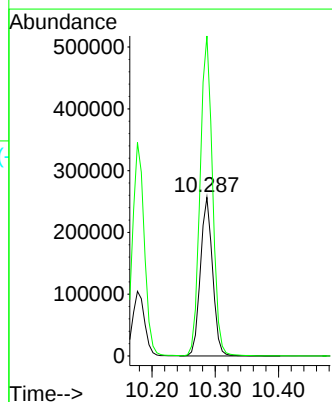
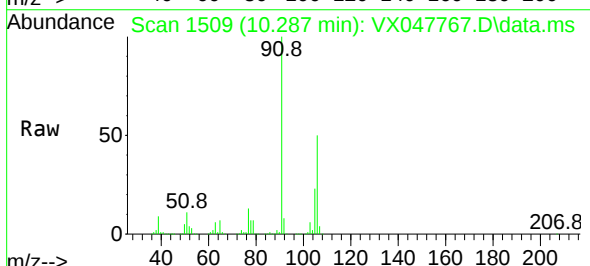
Acq: 24 Sep 2025 10:50

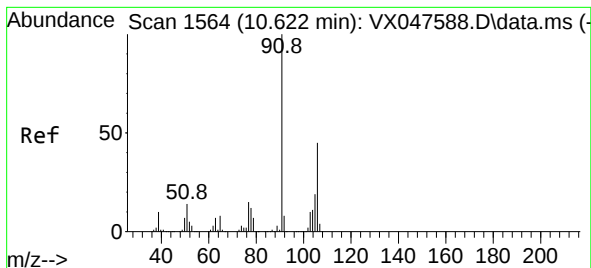
Tgt Ion:106 Resp: 343642

Ion Ratio Lower Upper

106 100

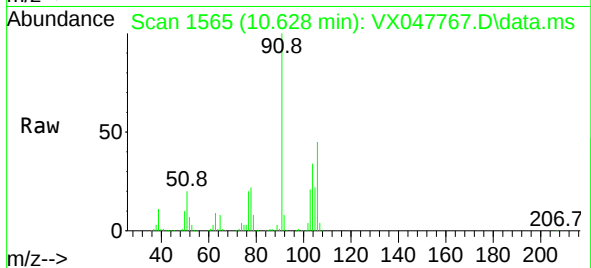
91 205.6 167.8 251.8





#69
o-Xylene
Concen: 51.290 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

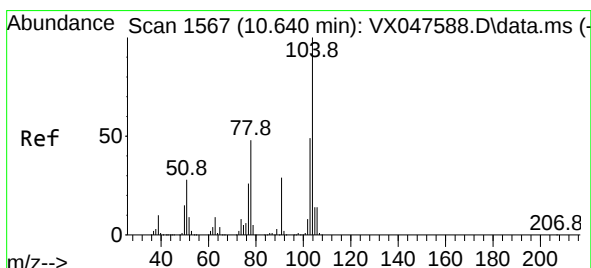
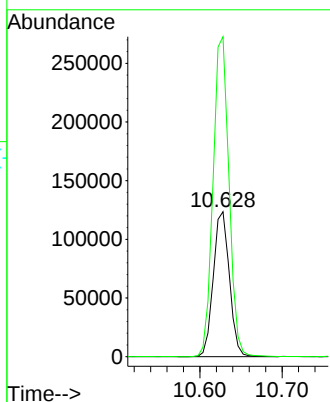
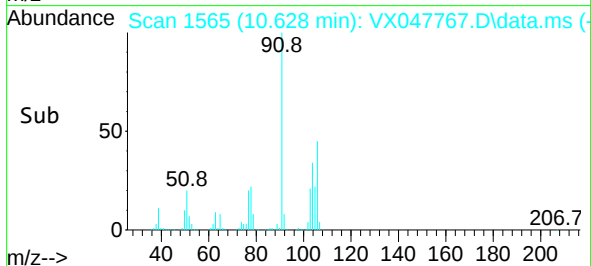
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 167920
Ion Ratio Lower Upper
106 100
91 219.1 111.1 333.4

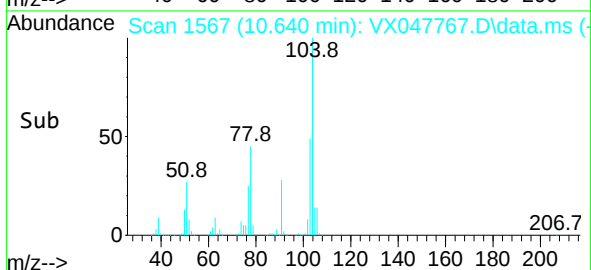
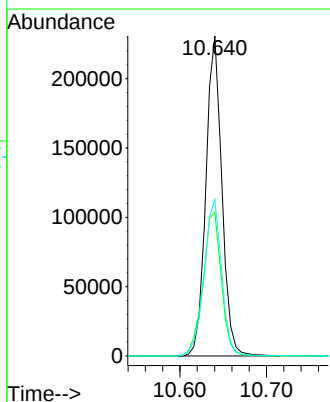
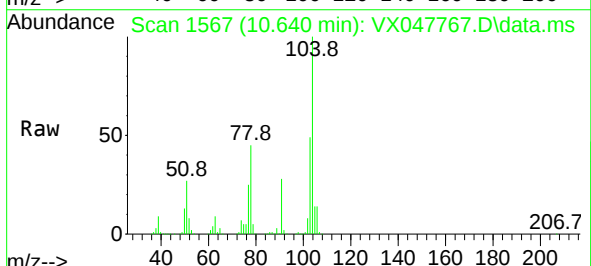
Manual Integrations
APPROVED

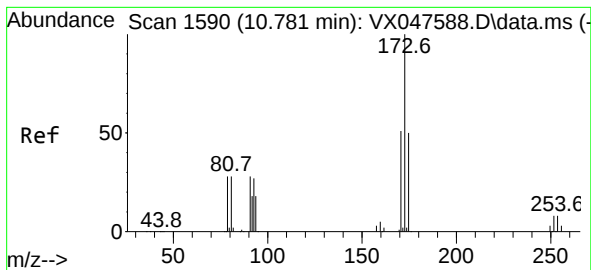
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 51.662 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

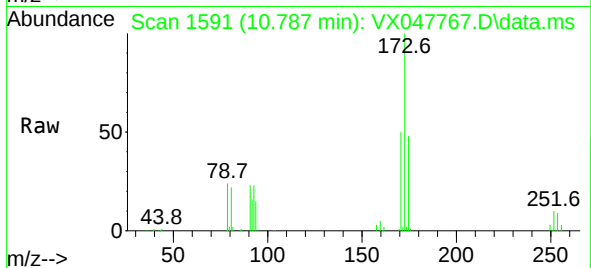
Tgt Ion:104 Resp: 296373
Ion Ratio Lower Upper
104 100
78 51.6 43.1 64.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 53.967 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

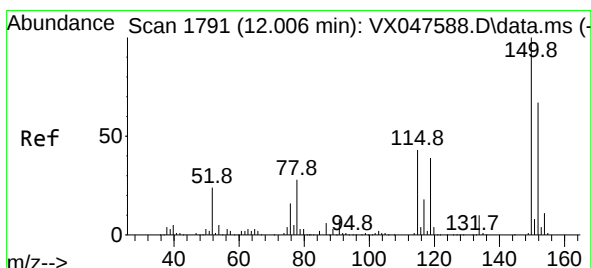
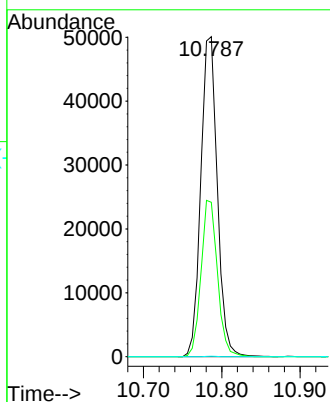
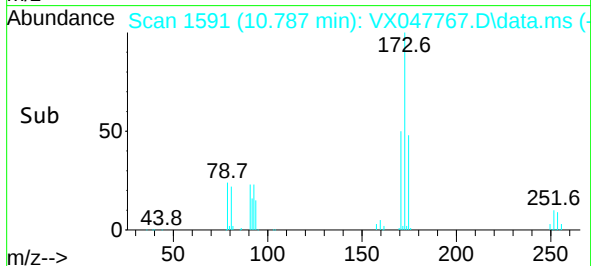
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



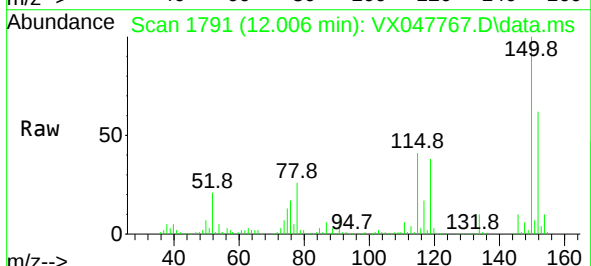
Tgt Ion:173 Resp: 7329
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.1 0.1 0.1

Manual Integrations
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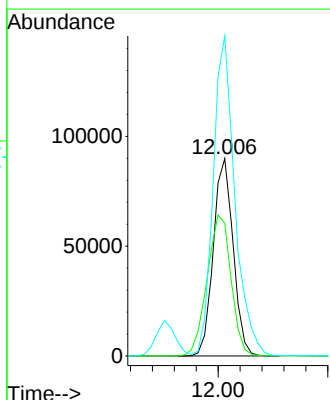
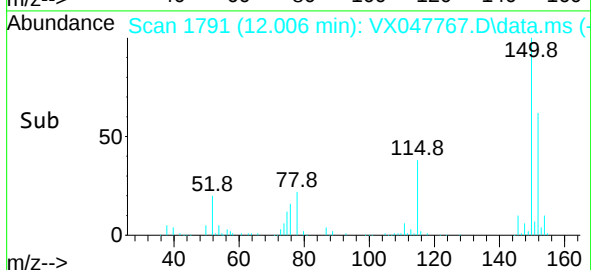
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

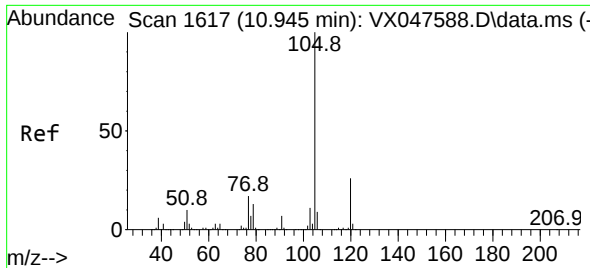


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



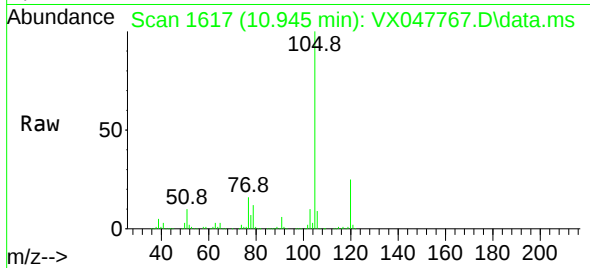
Tgt Ion:152 Resp: 113030
Ion Ratio Lower Upper
152 100
115 86.3 44.9 134.5
150 177.1 0.0 352.0





#73
Isopropylbenzene
Concen: 48.594 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

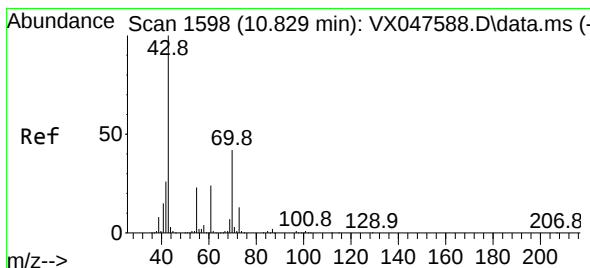
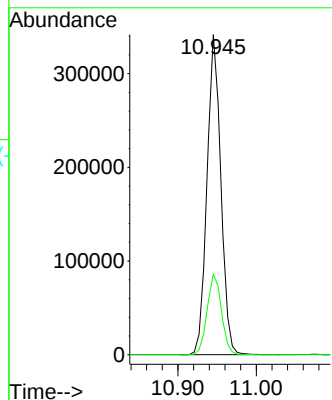
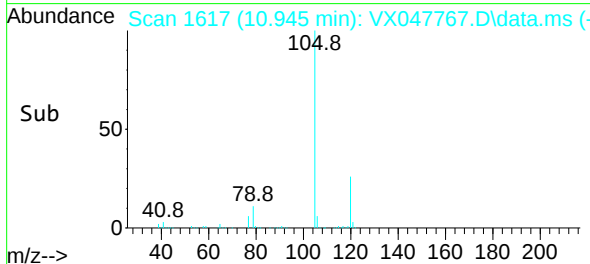
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 417583
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

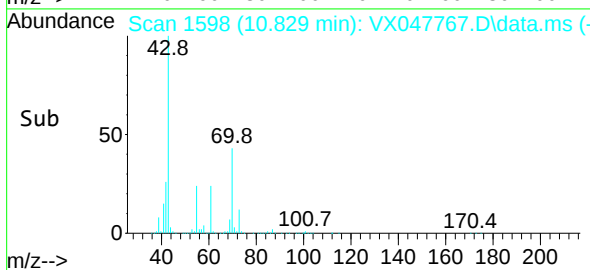
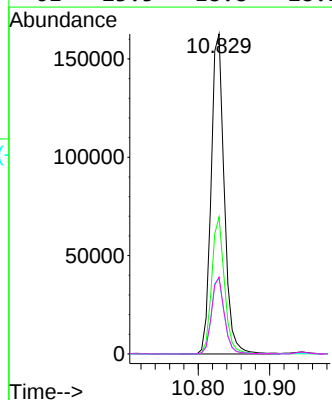
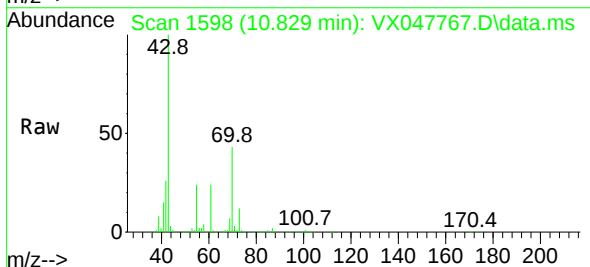
Manual Integrations
APPROVED

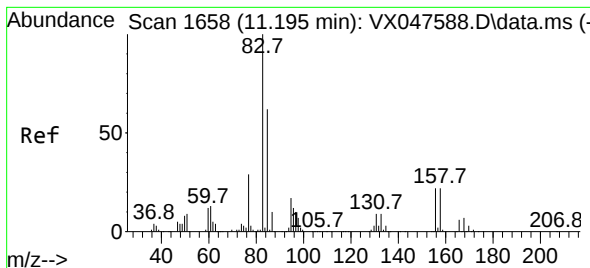
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 53.032 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion: 43 Resp: 207812
Ion Ratio Lower Upper
43 100
70 41.7 32.0 48.0
55 23.5 18.9 28.3
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.960 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

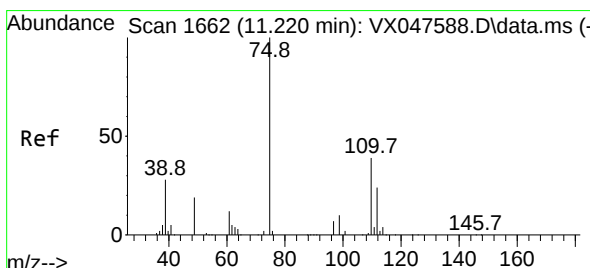
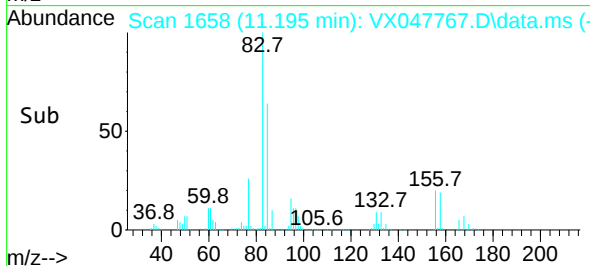
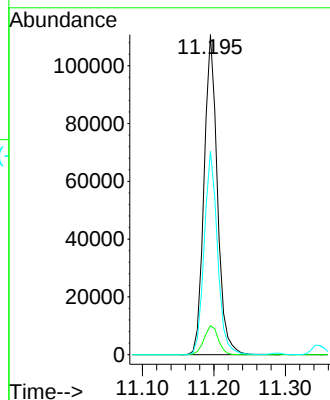
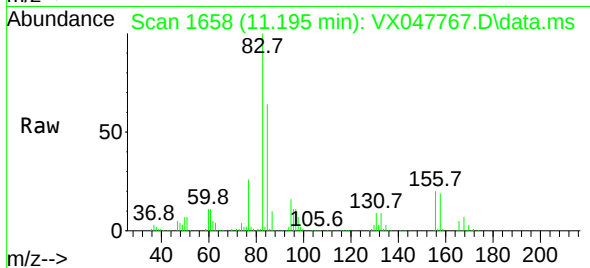
Tgt Ion:	83	Resp:	142889
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	63.7	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#76

1,2,3-Trichloropropane

Concen: 54.514 ug/l m

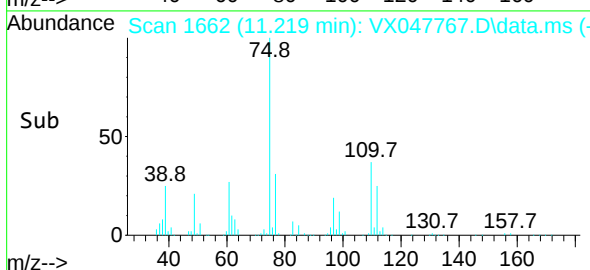
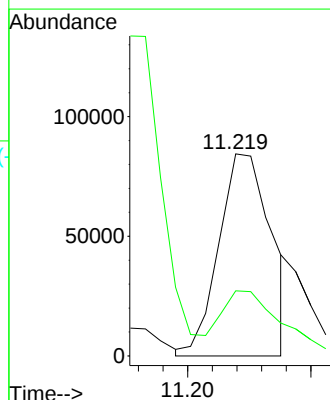
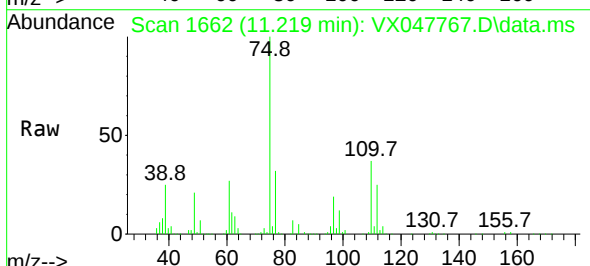
RT: 11.219 min Scan# 1662

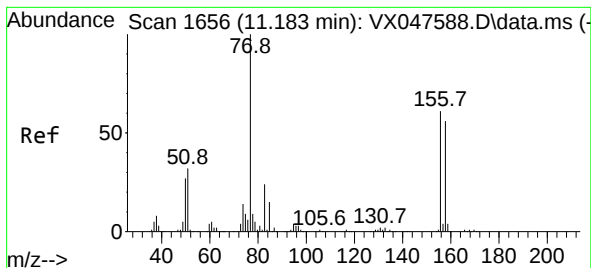
Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Tgt Ion:	75	Resp:	124755
Ion	Ratio	Lower	Upper
75	100		
77	37.1	18.8	56.4





#77

Bromobenzene

Concen: 50.657 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 10721

Ion Ratio Lower Upper

156 100

77 173.5 89.7 269.1

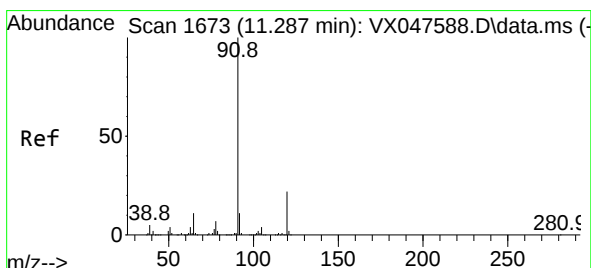
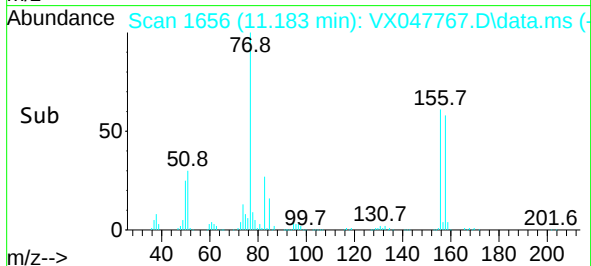
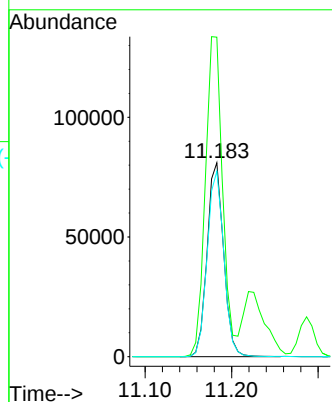
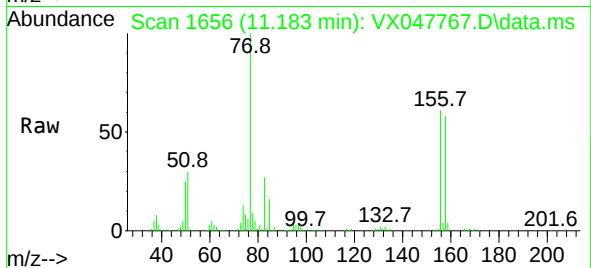
158 96.2 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#78

n-propylbenzene

Concen: 49.095 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047767.D

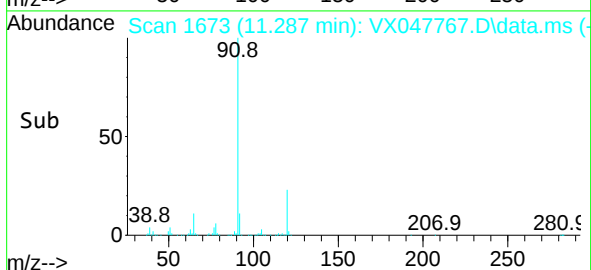
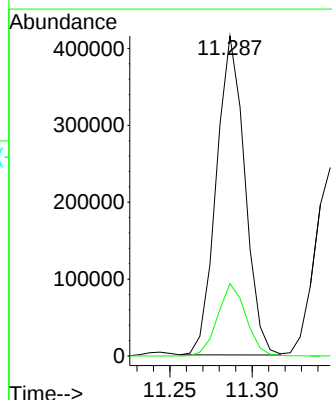
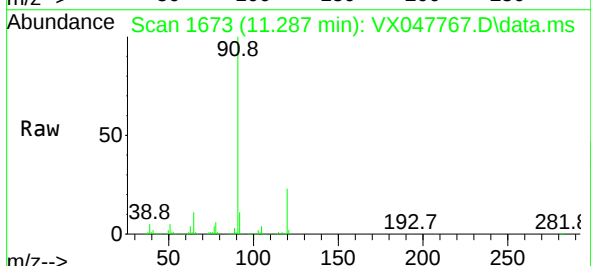
Acq: 24 Sep 2025 10:50

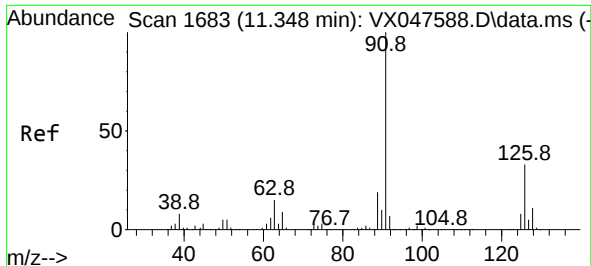
Tgt Ion: 91 Resp: 498719

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.1





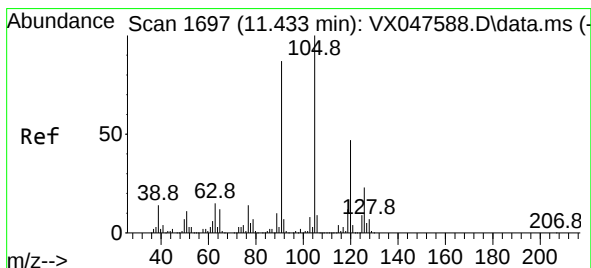
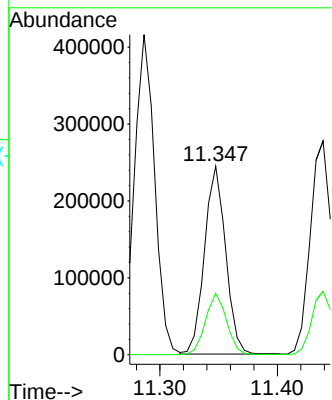
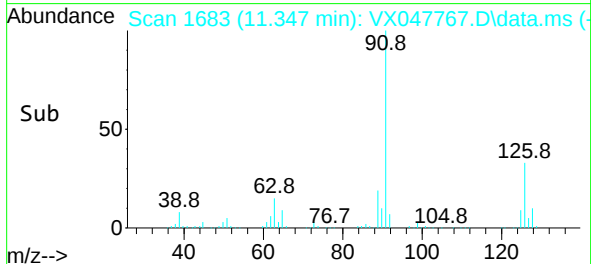
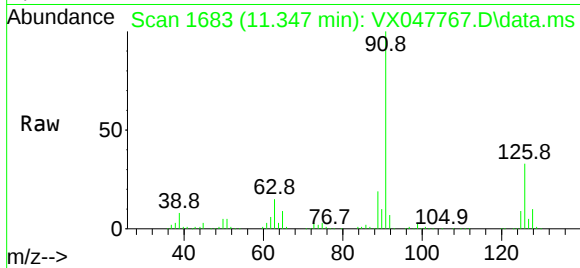
#79
2-Chlorotoluene
Concen: 49.006 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 304904
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

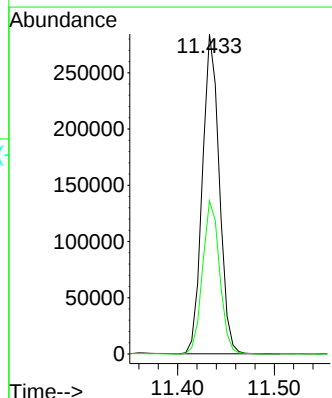
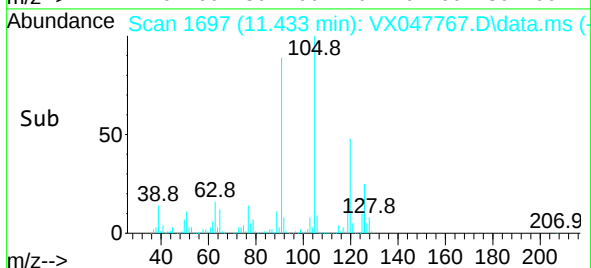
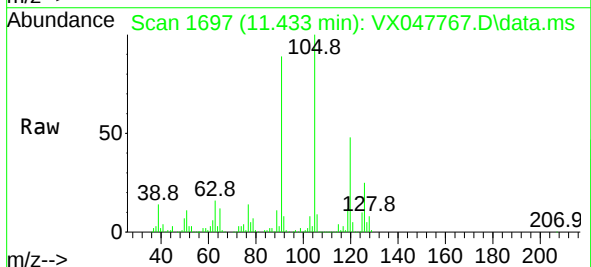
Manual Integrations
APPROVED

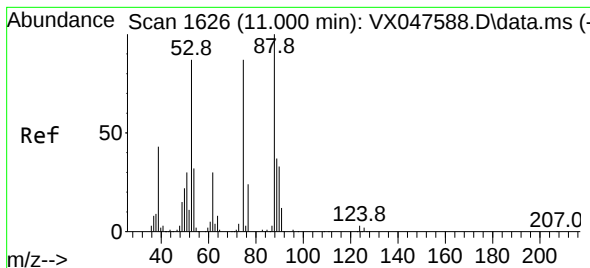
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.006 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

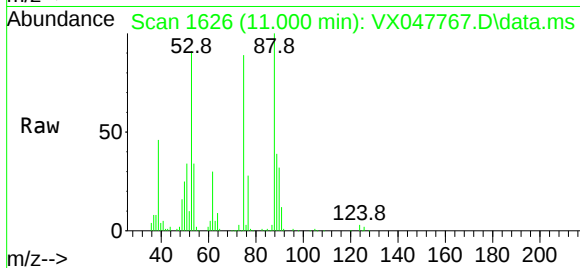
Tgt Ion:105 Resp: 345988
Ion Ratio Lower Upper
105 100
120 48.2 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.018 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

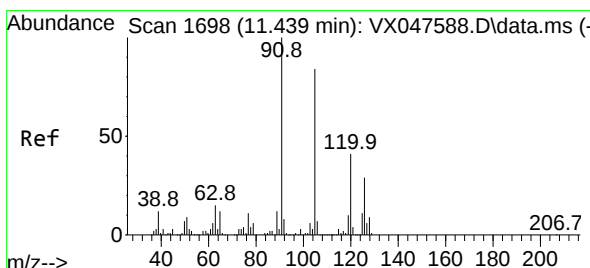
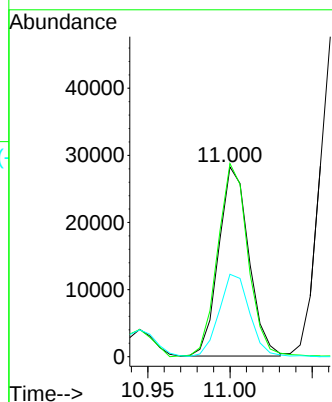
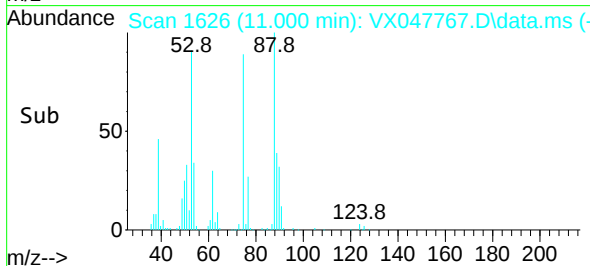
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



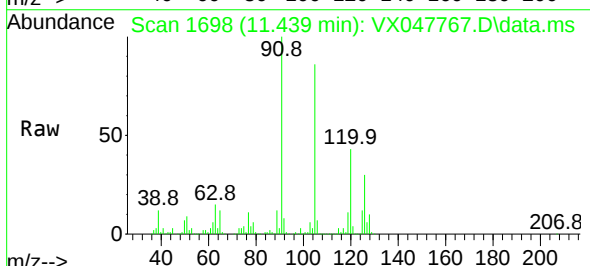
Tgt Ion: 75 Resp: 35912
Ion Ratio Lower Upper
75 100
53 102.9 83.4 125.2
89 44.3 36.3 54.5

Manual Integrations
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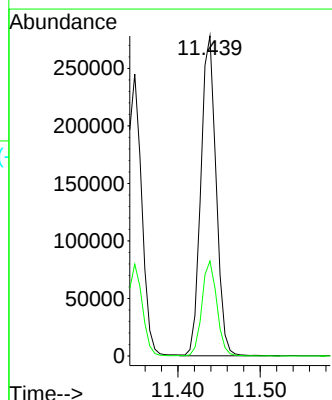
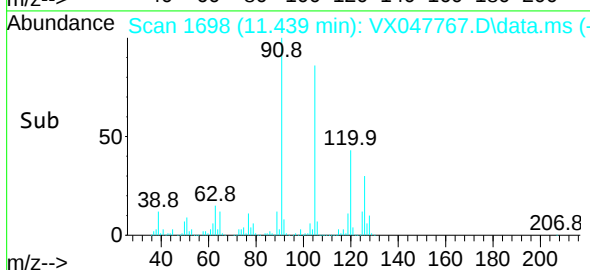
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

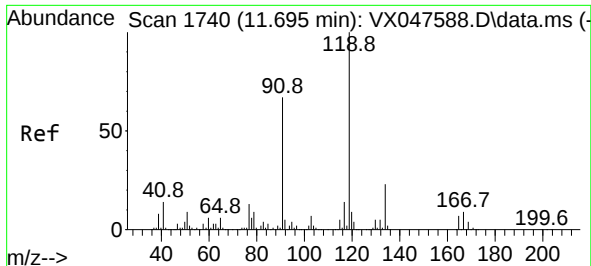


#82
4-Chlorotoluene
Concen: 48.683 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



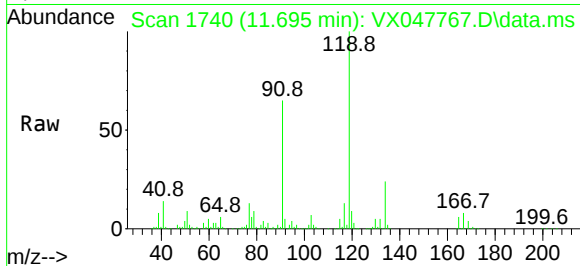
Tgt Ion: 91 Resp: 357733
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.879 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

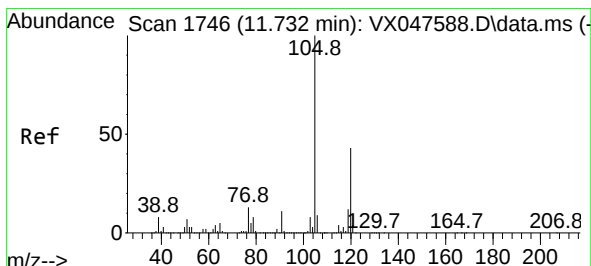
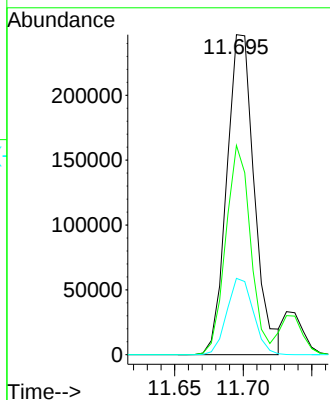
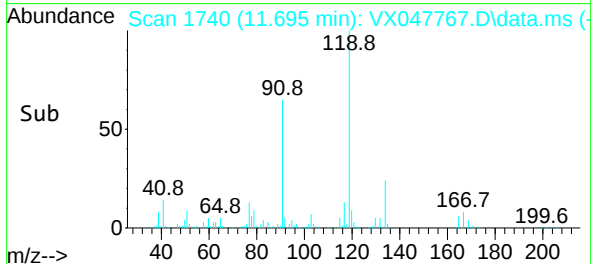
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



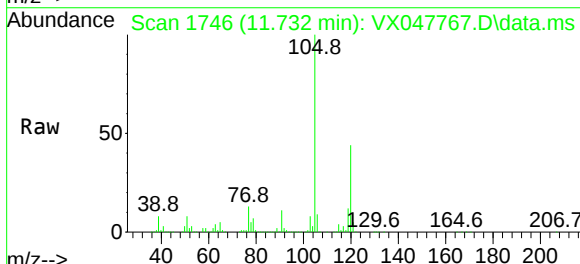
Tgt Ion:119 Resp: 346038
Ion Ratio Lower Upper
119 100
91 58.6 29.6 88.8
134 22.9 11.0 33.0

Manual Integrations
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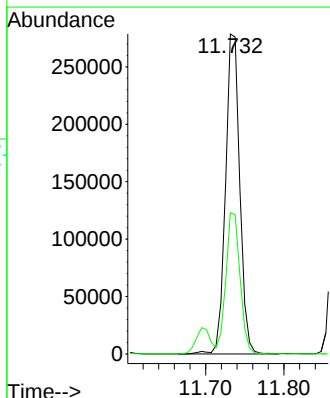
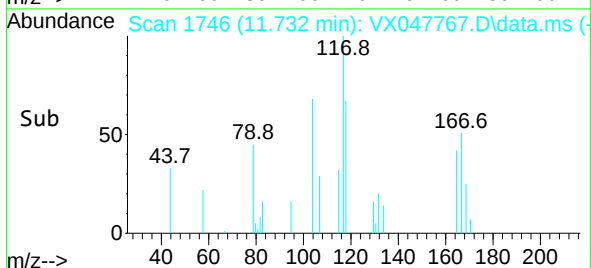
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

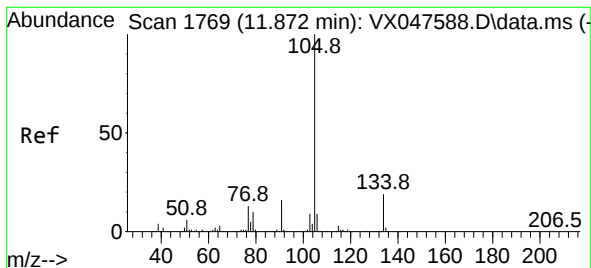


#84
1,2,4-Trimethylbenzene
Concen: 49.355 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



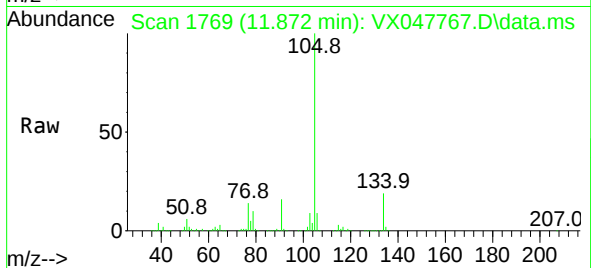
Tgt Ion:105 Resp: 353276
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 48.459 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047767.D
 Acq: 24 Sep 2025 10:50

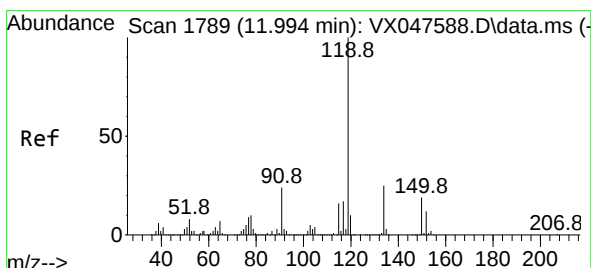
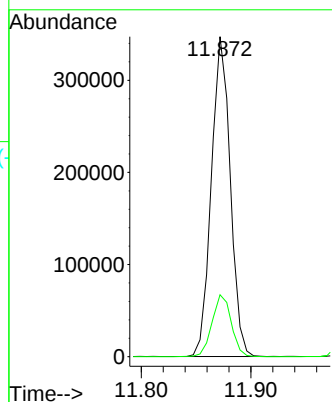
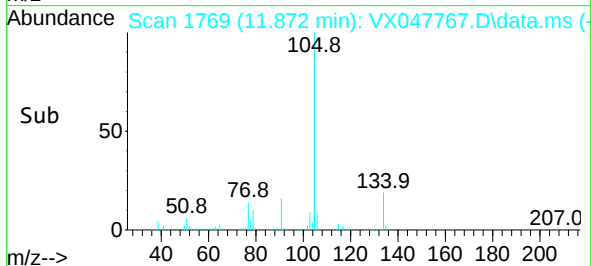
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



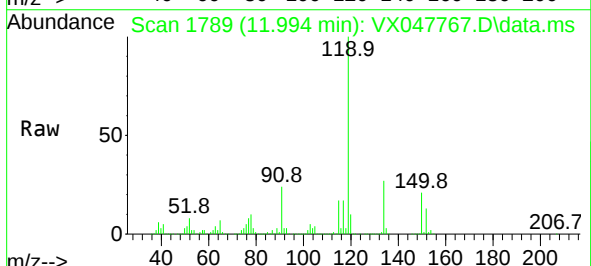
Tgt Ion:105 Resp: 415998
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

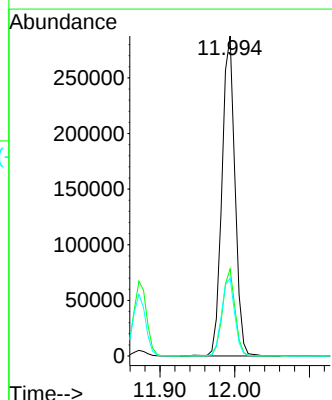
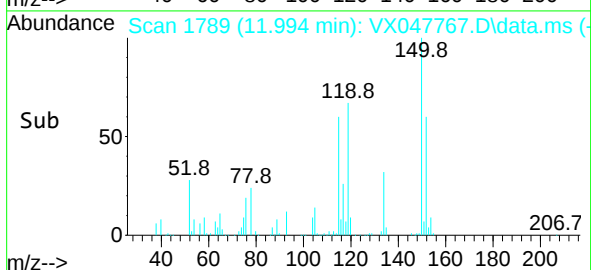
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

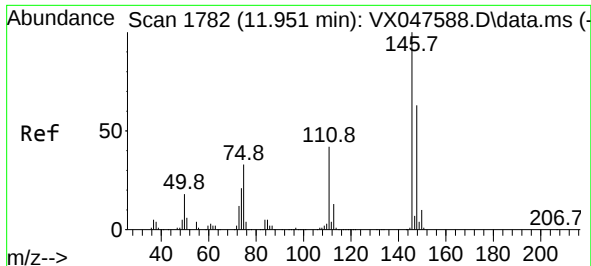


#86
 p-Isopropyltoluene
 Concen: 47.972 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047767.D
 Acq: 24 Sep 2025 10:50



Tgt Ion:119 Resp: 348647
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.6 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 49.790 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 195732

Ion Ratio Lower Upper

146 100

111 41.6 21.5 64.5

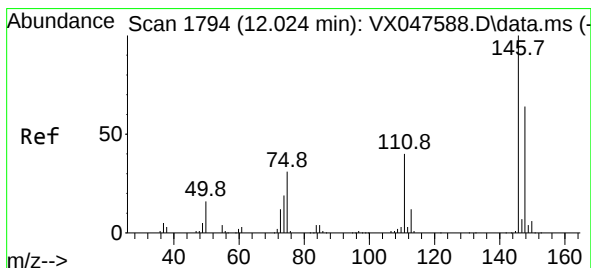
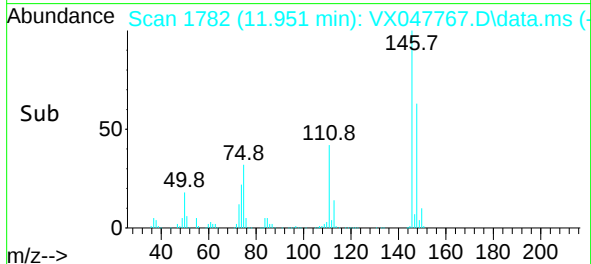
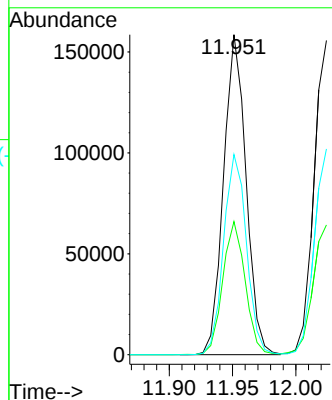
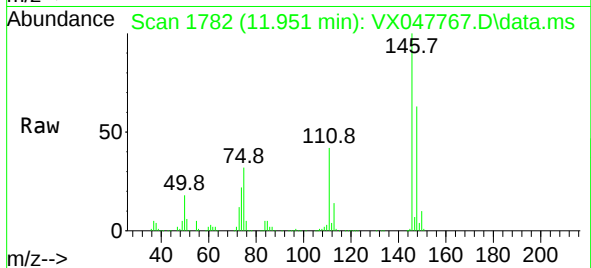
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#88

1,4-Dichlorobenzene

Concen: 48.435 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

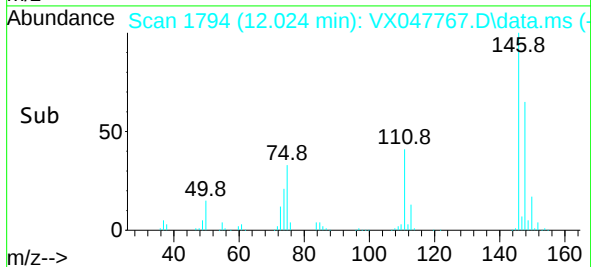
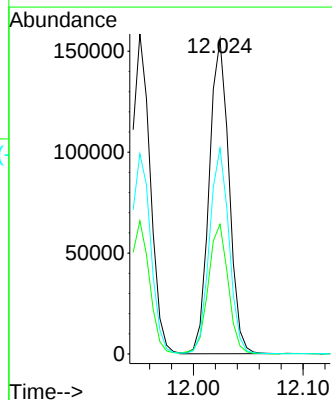
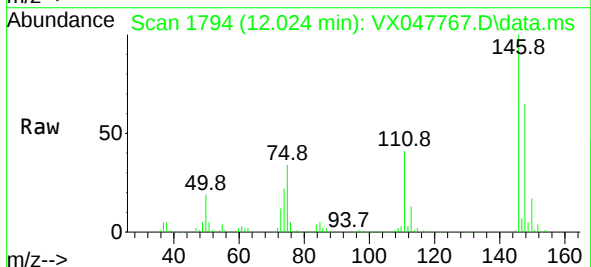
Tgt Ion:146 Resp: 195422

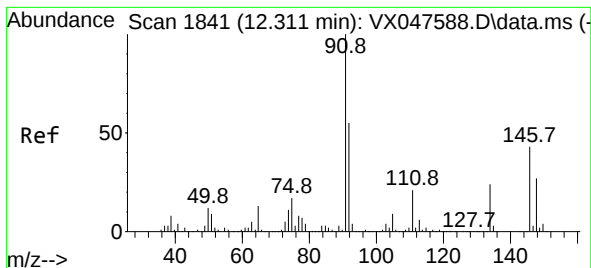
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 47.254 ug/l

RT: 12.317 min Scan# 1841

Delta R.T. 0.006 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 31777

Ion Ratio Lower Upper

91 100

92 53.3 27.6 82.7

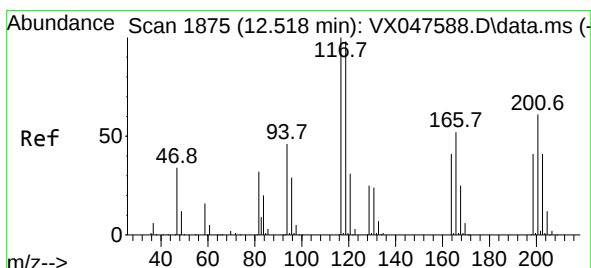
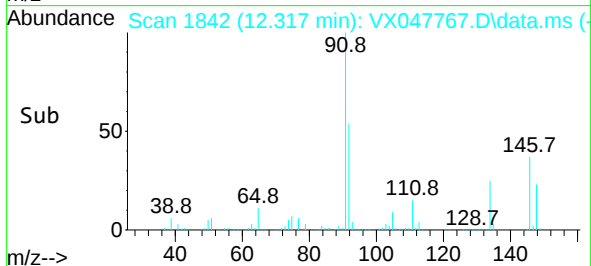
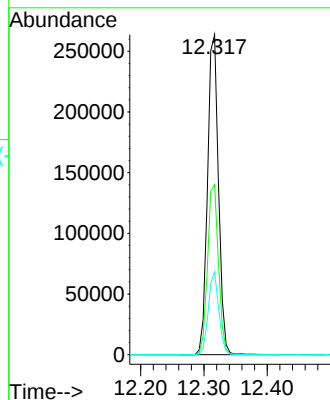
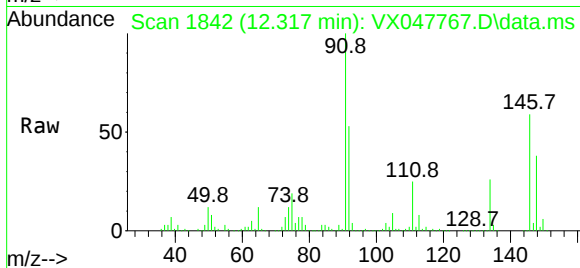
134 24.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 49.203 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047767.D

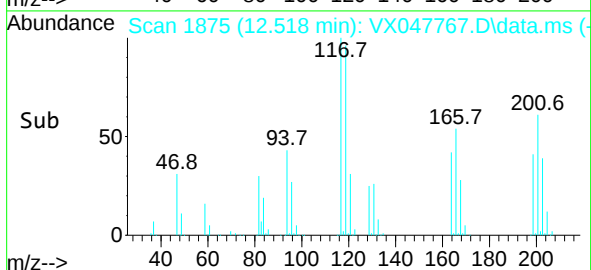
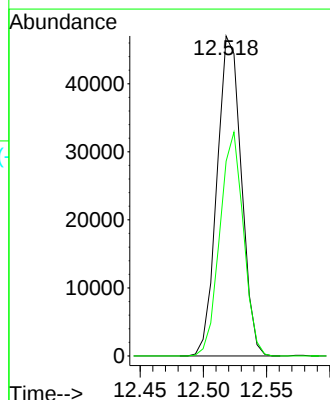
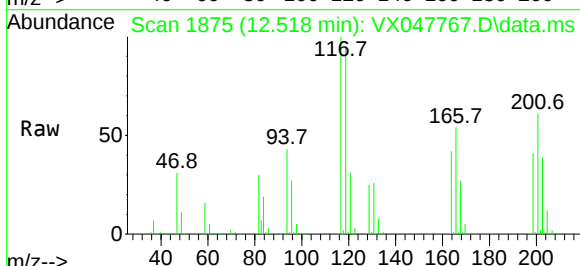
Acq: 24 Sep 2025 10:50

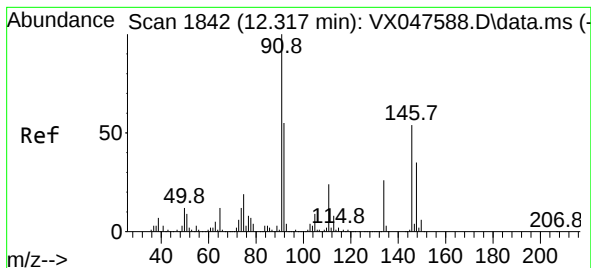
Tgt Ion:117 Resp: 62783

Ion Ratio Lower Upper

117 100

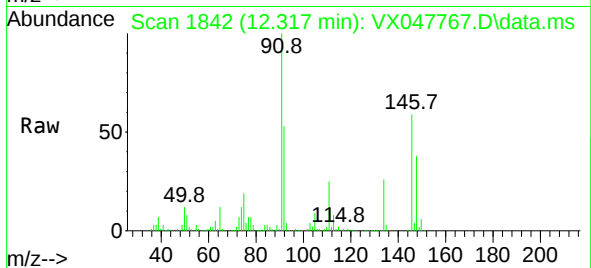
201 67.8 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 51.187 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

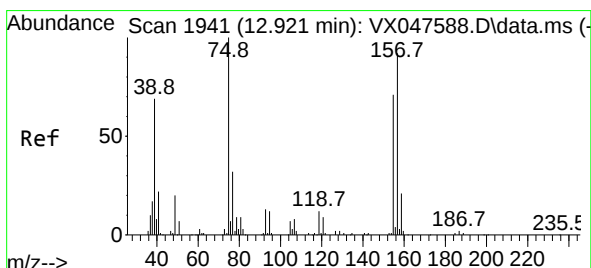
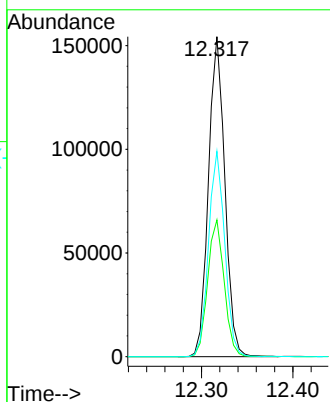
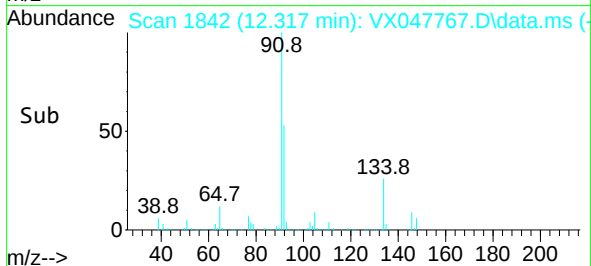
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



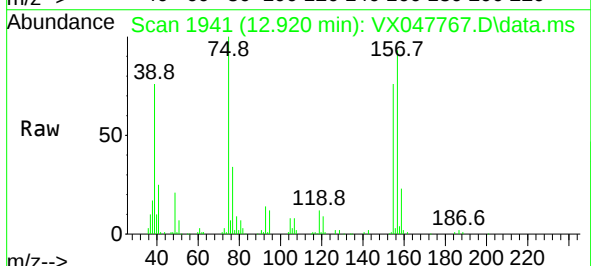
Tgt Ion:146 Resp: 191709
Ion Ratio Lower Upper
146 100
111 43.2 22.2 66.6
148 63.5 31.8 95.4

Manual Integrations
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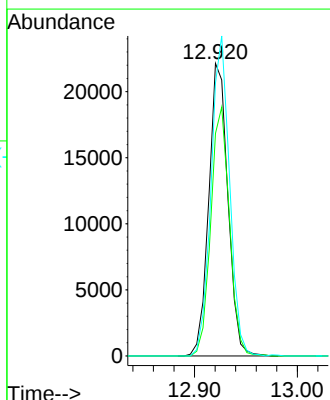
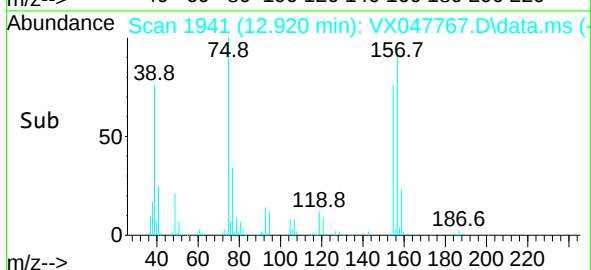
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

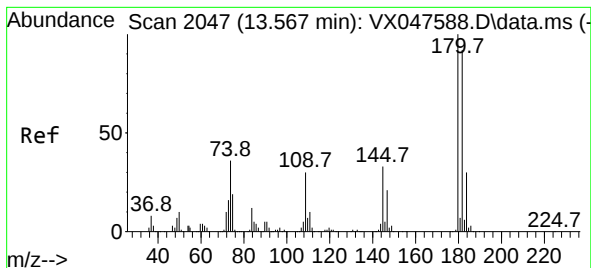


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.516 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50



Tgt Ion: 75 Resp: 28696
Ion Ratio Lower Upper
75 100
155 82.5 37.7 113.1
157 105.1 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.199 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

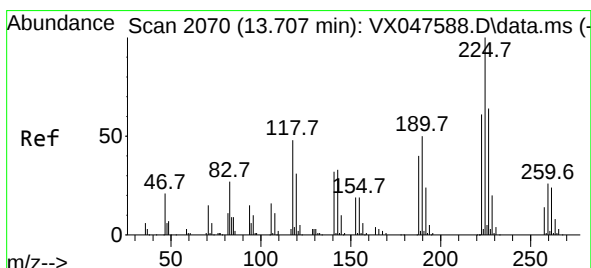
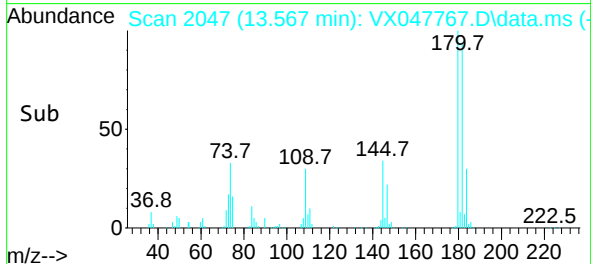
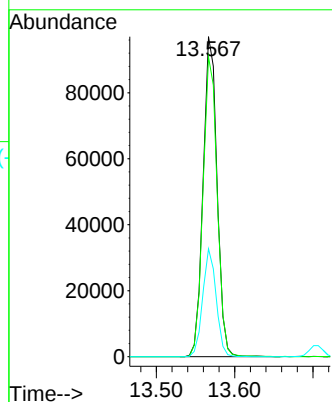
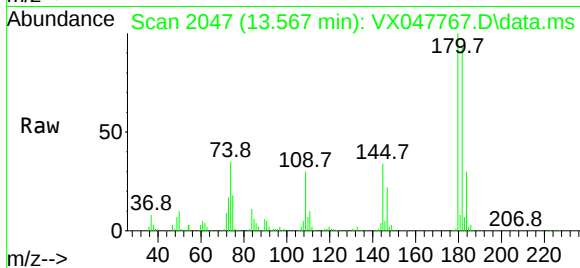
Tgt Ion:	180	Resp:	11975
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.6	139.8
145	32.5	16.4	49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 47.499 ug/l

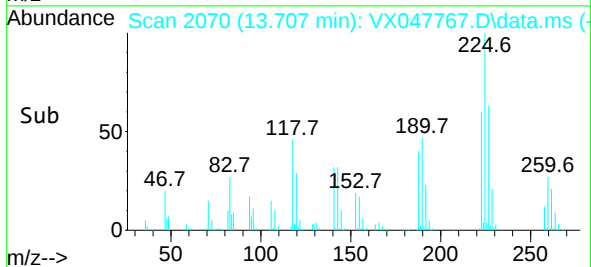
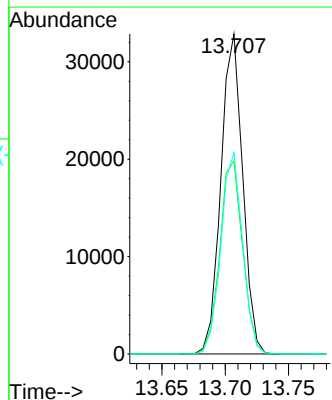
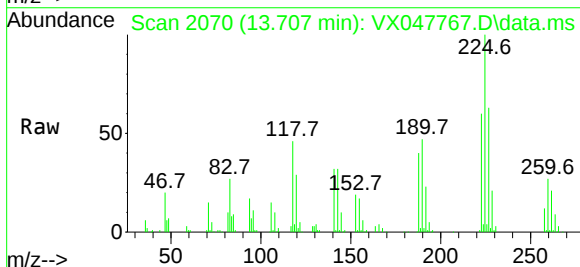
RT: 13.707 min Scan# 2070

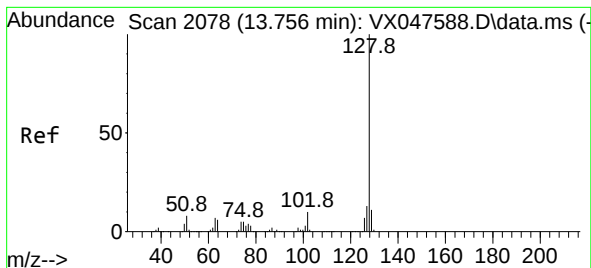
Delta R.T. -0.000 min

Lab File: VX047767.D

Acq: 24 Sep 2025 10:50

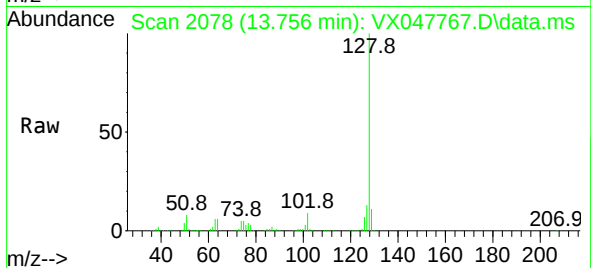
Tgt Ion:	225	Resp:	39271
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.7	95.1
227	62.9	32.0	96.0





#95
Naphthalene
Concen: 54.002 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

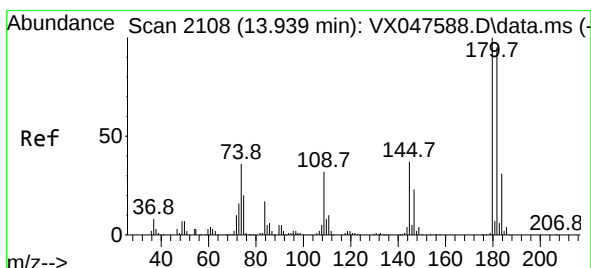
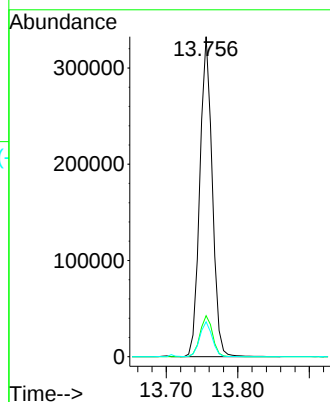
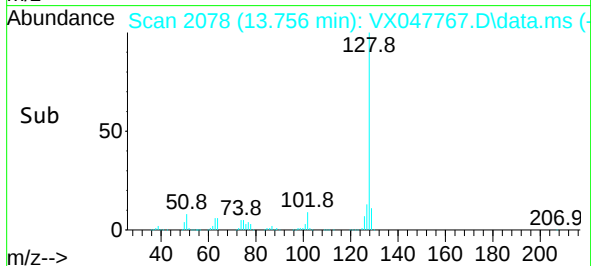
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 40025
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.369 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047767.D
Acq: 24 Sep 2025 10:50

Tgt Ion:180 Resp: 118573
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.8
145 34.2 17.9 53.7

