

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048050.D
 Acq On : 07 Oct 2025 14:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/08/2025
 Supervised By : Mahesh Dadoda 10/09/2025

Quant Time: Oct 08 01:28:36 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	134973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	236965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108609	50.553	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.100%			
35) Dibromofluoromethane	5.373	113	84612	53.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.480%			
50) Toluene-d8	8.635	98	280669	51.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.061	95	107417	51.470	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	68308	48.873	ug/l	99
3) Chloromethane	1.301	50	76126	41.442	ug/l	100
4) Vinyl Chloride	1.380	62	84588	47.042	ug/l	98
5) Bromomethane	1.612	94	50588	44.367	ug/l	100
6) Chloroethane	1.691	64	57839	48.127	ug/l	100
7) Trichlorofluoromethane	1.892	101	137581	51.531	ug/l	99
8) Diethyl Ether	2.136	74	54152	49.582	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	85116	54.521	ug/l	97
10) Methyl Iodide	2.453	142	86483	35.520	ug/l	99
11) Tert butyl alcohol	2.947	59	67690	282.893	ug/l	100
12) 1,1-Dichloroethene	2.325	96	79098	49.325	ug/l	99
13) Acrolein	2.239	56	63475	287.870	ug/l	99
14) Allyl chloride	2.666	41	156741	47.366	ug/l	98
15) Acrylonitrile	3.056	53	265024	299.023	ug/l	99
16) Acetone	2.374	43	221353	236.958	ug/l	96
17) Carbon Disulfide	2.514	76	184290	41.979	ug/l	97
18) Methyl Acetate	2.697	43	128946	62.025	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	306378	52.337	ug/l	99
20) Methylene Chloride	2.788	84	100192	50.670	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	84840	49.140	ug/l	94
22) Diisopropyl ether	3.751	45	337776	52.669	ug/l	87
23) Vinyl Acetate	3.715	43	1364818	265.904	ug/l	99
24) 1,1-Dichloroethane	3.605	63	177705	52.133	ug/l	99
25) 2-Butanone	4.544	43	330428	283.574	ug/l	99
26) 2,2-Dichloropropane	4.465	77	136863	48.302	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	108562	51.345	ug/l	98
28) Bromochloromethane	4.885	49	76774	51.592	ug/l	98
29) Tetrahydrofuran	4.995	42	202540	288.941	ug/l	100
30) Chloroform	5.080	83	183339	53.226	ug/l	98
31) Cyclohexane	5.465	56	125798	44.311	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	152113	52.063	ug/l	98
36) 1,1-Dichloropropene	5.684	75	110859	47.738	ug/l	99
37) Ethyl Acetate	4.696	43	133811	53.816	ug/l	98
38) Carbon Tetrachloride	5.666	117	129067	51.153	ug/l	97
39) Methylcyclohexane	7.367	83	122907	46.626	ug/l	96
40) Benzene	6.025	78	360225	51.073	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	75079	58.489	ug/l	99
42) 1,2-Dichloroethane	6.074	62	139323	51.916	ug/l	99
43) Isopropyl Acetate	6.324	43	221368	54.285	ug/l	99
44) Trichloroethene	7.111	130	86799	50.903	ug/l	98
45) 1,2-Dichloropropane	7.415	63	96296	53.319	ug/l	96
46) Dibromomethane	7.568	93	70197	53.412	ug/l	98
47) Bromodichloromethane	7.806	83	149261	55.036	ug/l	99
48) Methyl methacrylate	7.678	41	112293	55.283	ug/l	99
49) 1,4-Dioxane	7.647	88	30037	1463.223	ug/l	99
51) 4-Methyl-2-Pentanone	8.562	43	684613	302.796	ug/l	100
52) Toluene	8.702	92	221620	51.000	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	141724	51.232	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	154231	52.162	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	94278	56.266	ug/l	97
56) Ethyl methacrylate	9.104	69	146261	55.582	ug/l	97
57) 1,3-Dichloropropane	9.293	76	159640	55.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	361172	284.649	ug/l	99
59) 2-Hexanone	9.415	43	480858	296.124	ug/l	99
60) Dibromochloromethane	9.506	129	109471	56.702	ug/l	99
61) 1,2-Dibromoethane	9.592	107	94543	55.396	ug/l	100
64) Tetrachloroethene	9.257	164	67352	48.881	ug/l	98
65) Chlorobenzene	10.061	112	250363	52.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	91267	55.080	ug/l	99
67) Ethyl Benzene	10.177	91	426433	51.469	ug/l	99
68) m/p-Xylenes	10.287	106	320132	103.810	ug/l	99
69) o-Xylene	10.628	106	156757	52.554	ug/l	98
70) Styrene	10.640	104	277844	53.161	ug/l	98
71) Bromoform	10.781	173	72770	58.815	ug/l #	97
73) Isopropylbenzene	10.945	105	404629	49.592	ug/l	99
74) N-amyl acetate	10.829	43	192116	51.634	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	139823	56.641	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	106636m	49.075	ug/l	
77) Bromobenzene	11.183	156	97959	48.746	ug/l	97
78) n-propylbenzene	11.287	91	480273	49.794	ug/l	100
79) 2-Chlorotoluene	11.348	91	292960	49.591	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	333024	49.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	41416	48.606	ug/l	99
82) 4-Chlorotoluene	11.439	91	345796	49.562	ug/l	99
83) tert-Butylbenzene	11.695	119	344306	50.174	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	338627	49.825	ug/l	99
85) sec-Butylbenzene	11.872	105	410955	50.418	ug/l	100
86) p-Isopropyltoluene	11.988	119	342548	49.640	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	185756	49.766	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	189138	49.371	ug/l	99
89) n-Butylbenzene	12.317	91	318354	49.858	ug/l	98
90) Hexachloroethane	12.518	117	62760	51.802	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	179743	50.546	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	27003	54.028	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	111593	48.285	ug/l	98
94) Hexachlorobutadiene	13.707	225	38379	48.890	ug/l	98
95) Naphthalene	13.756	128	365739	51.970	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	110528	51.412	ug/l	98

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

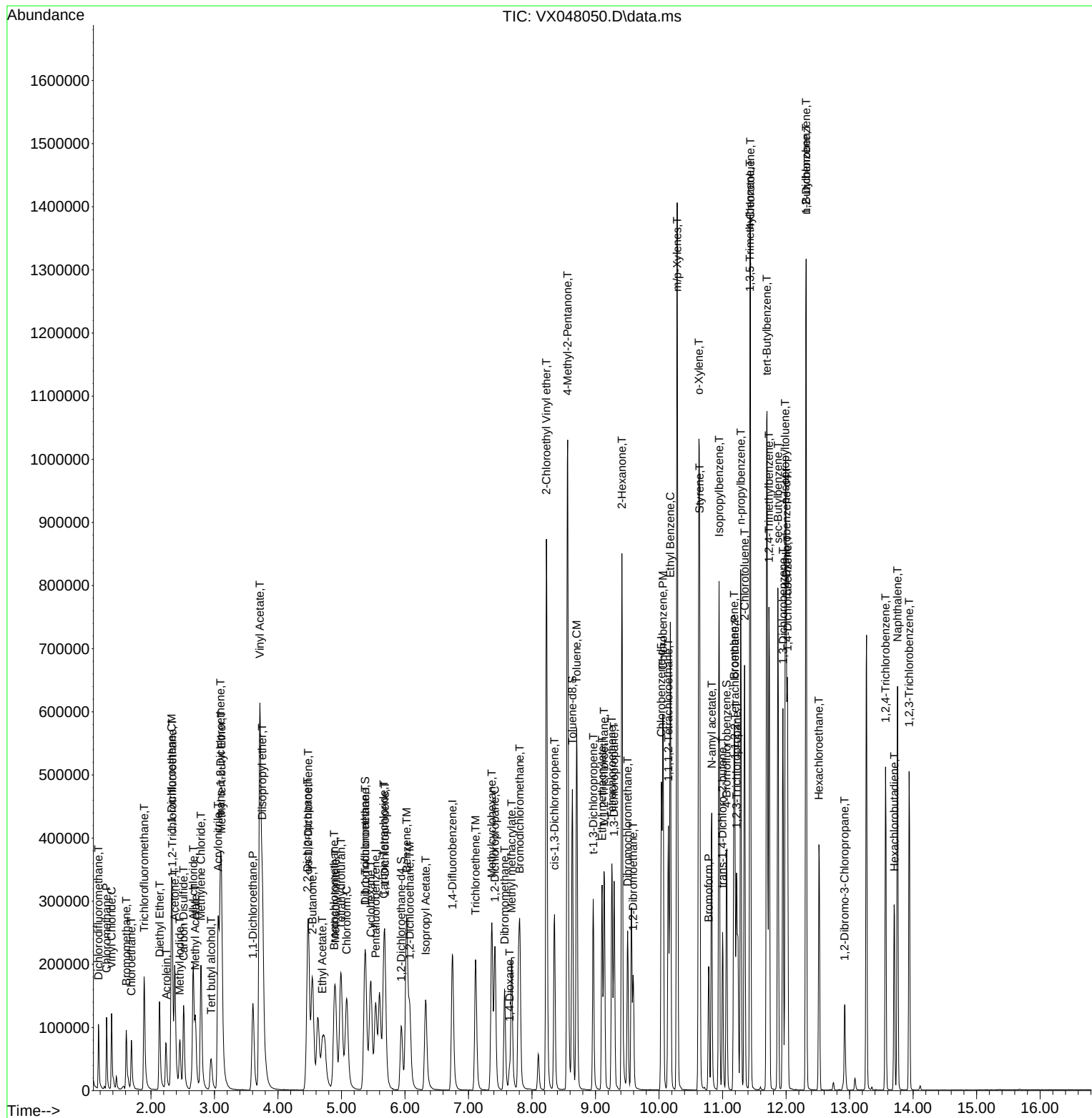
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
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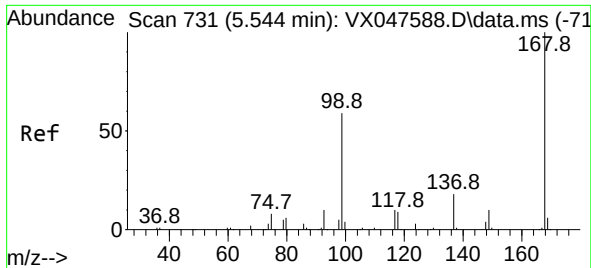
Instrument :
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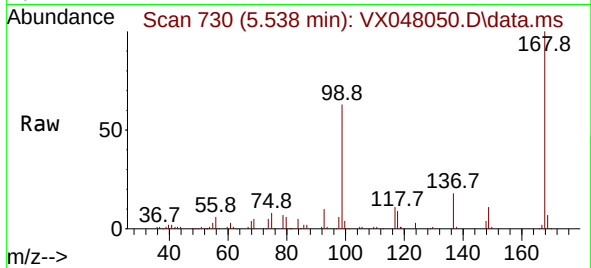
Reviewed By :John Carlone 10/08/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

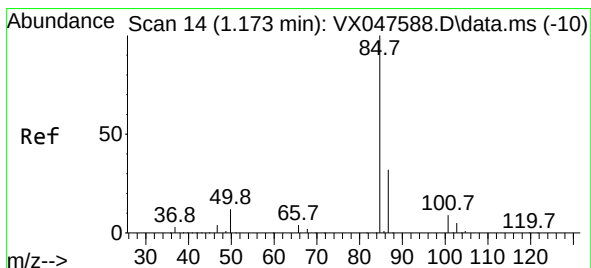
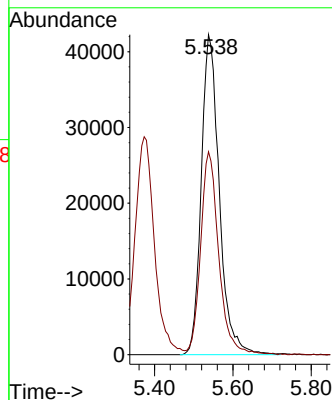
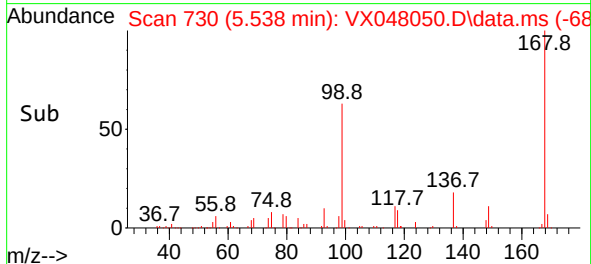
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13497
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2

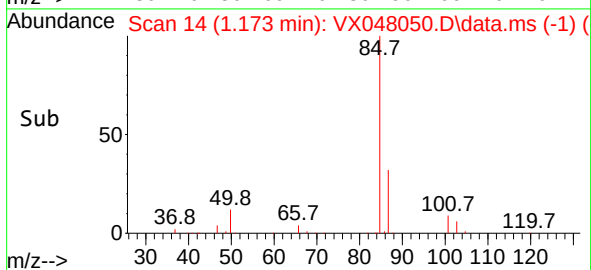
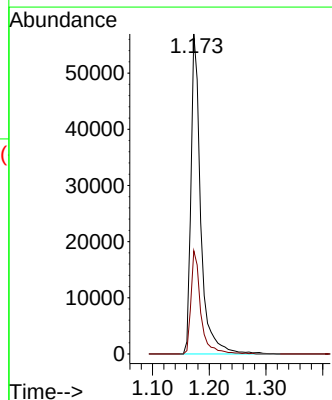
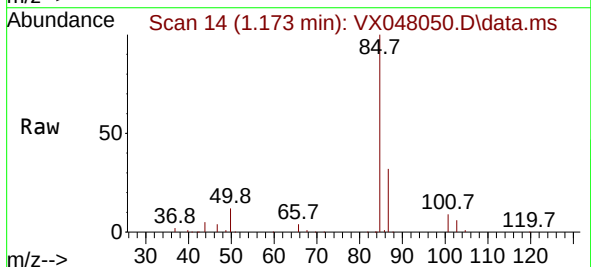
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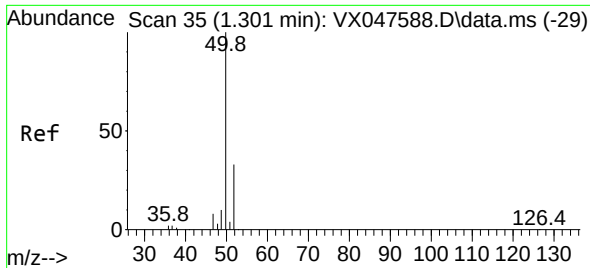
Reviewed By :John Carlone 10/08/2025
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#2
Dichlorodifluoromethane
Concen: 48.873 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

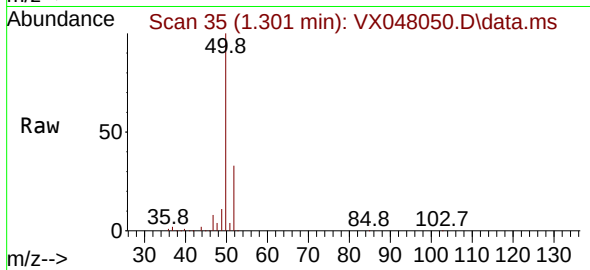
Tgt Ion: 85 Resp: 68308
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.3





#3
Chloromethane
Concen: 41.442 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

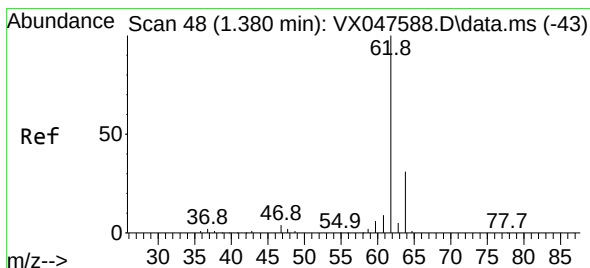
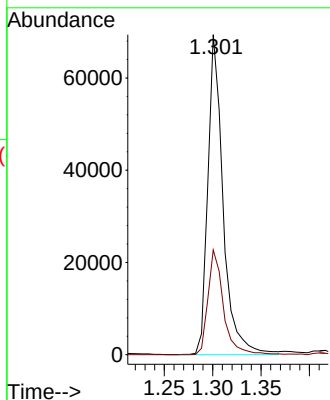
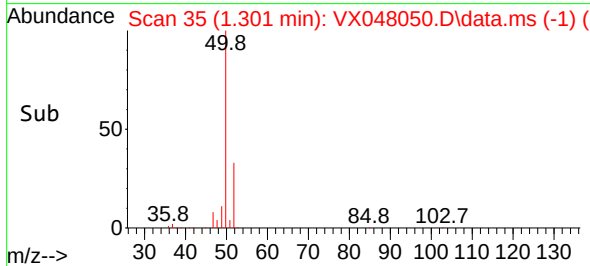
Instrument :
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Tgt Ion: 50 Resp: 76120
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1

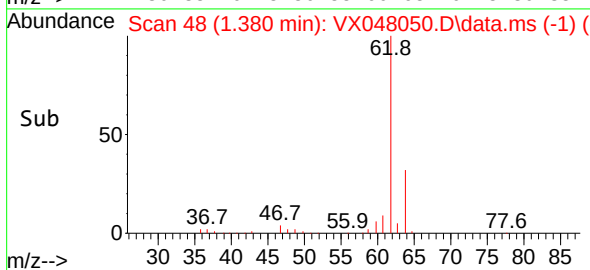
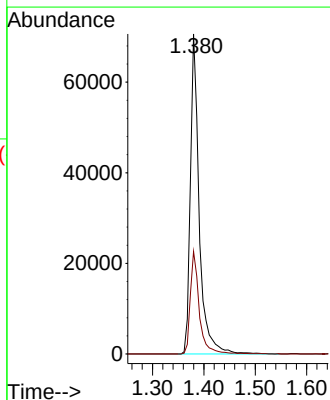
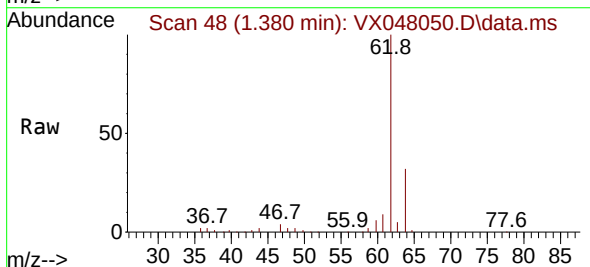
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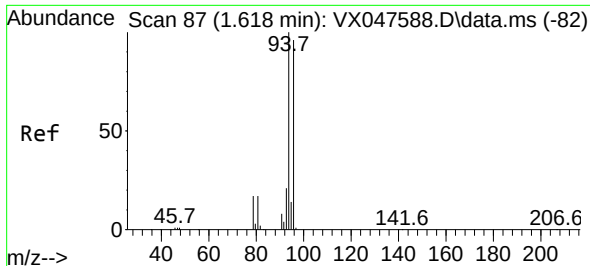
Reviewed By :John Carlone 10/08/2025
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#4
Vinyl Chloride
Concen: 47.042 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

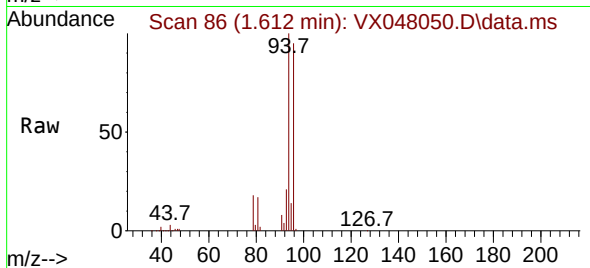
Tgt Ion: 62 Resp: 84588
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5
Bromomethane
Concen: 44.367 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

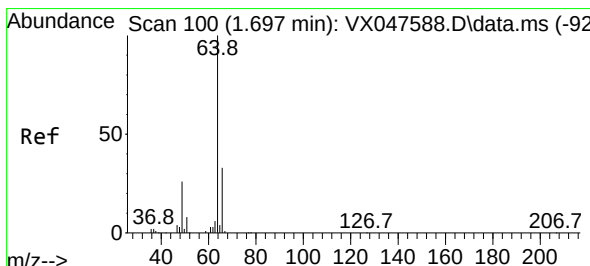
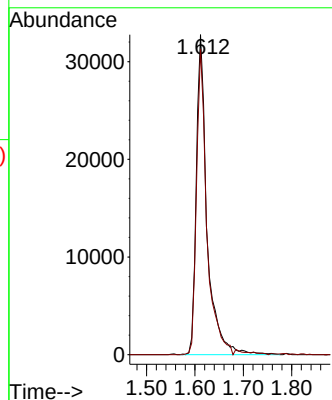
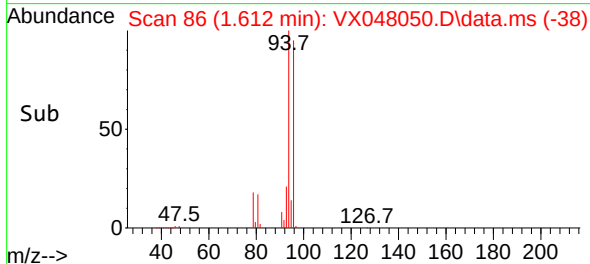
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Tgt Ion: 94 Resp: 50588
Ion Ratio Lower Upper
94 100
96 95.5 76.6 115.0

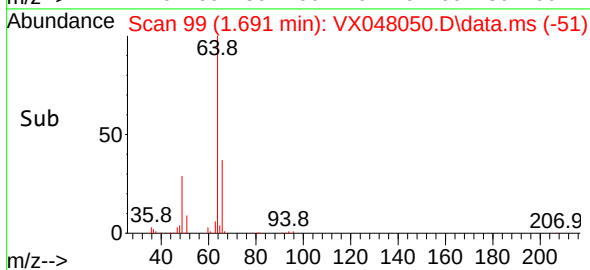
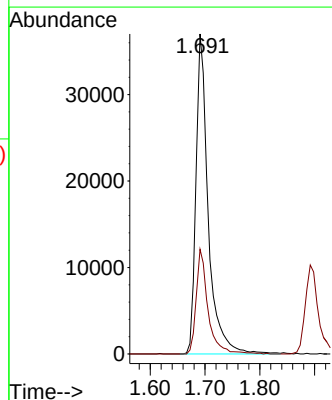
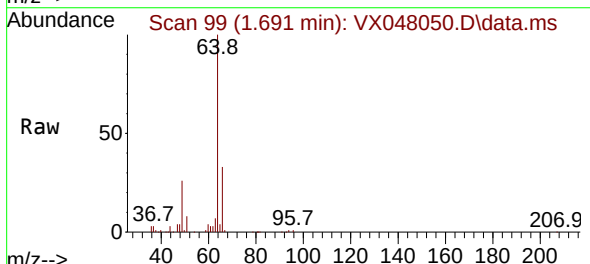
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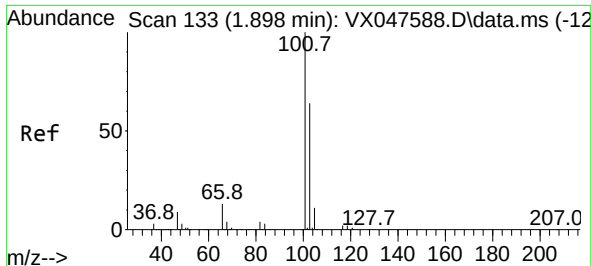
Reviewed By :John Carlone 10/08/2025
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#6
Chloroethane
Concen: 48.127 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

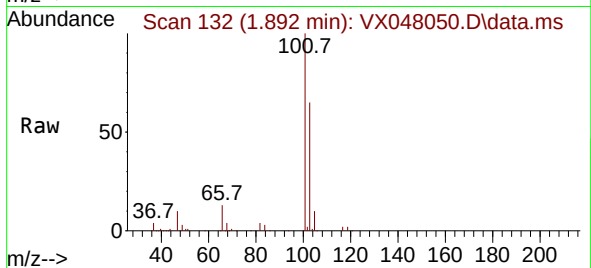
Tgt Ion: 64 Resp: 57839
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 51.531 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX048050.D
 Acq: 07 Oct 2025 14:06

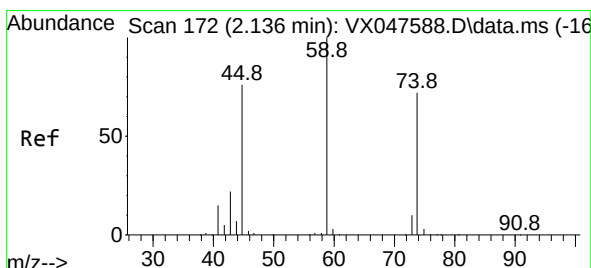
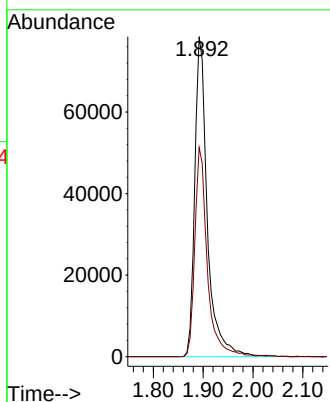
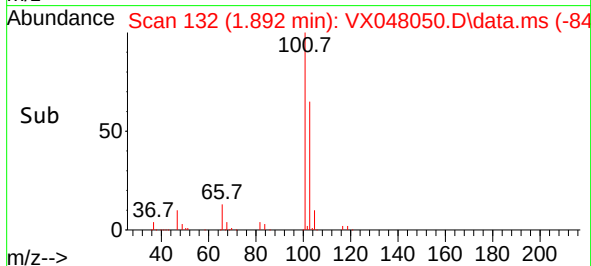
Instrument :
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Tgt Ion:101 Resp: 13758
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

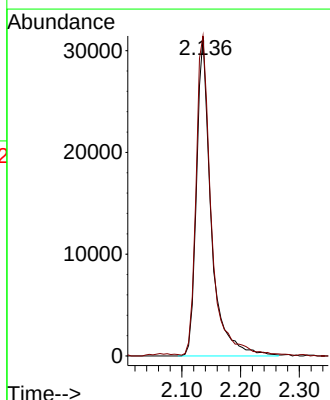
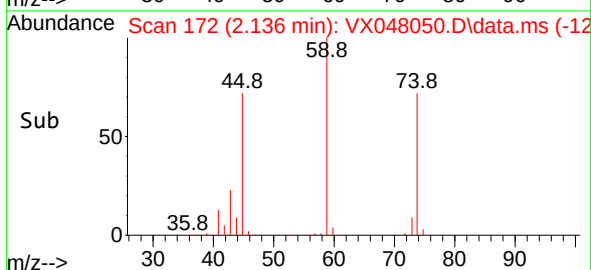
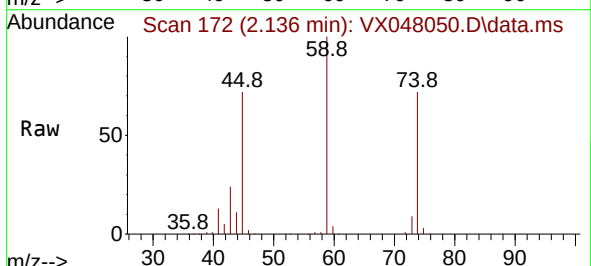
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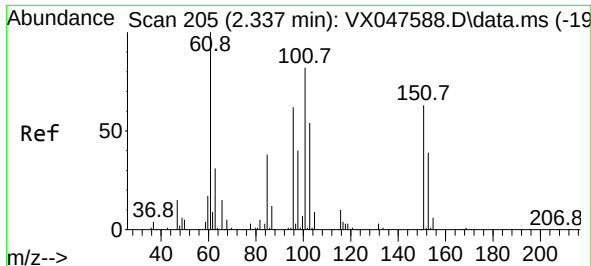
Reviewed By :John Carlone 10/08/2025
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#8
 Diethyl Ether
 Concen: 49.582 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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 Acq: 07 Oct 2025 14:06

Tgt Ion: 74 Resp: 54152
 Ion Ratio Lower Upper
 74 100
 45 104.4 52.3 156.8





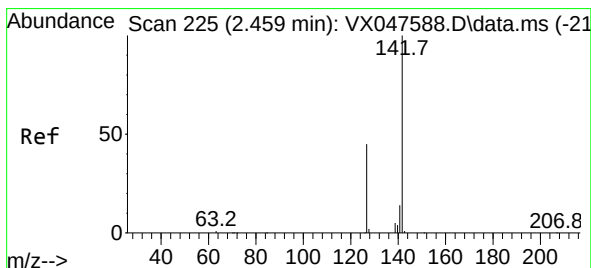
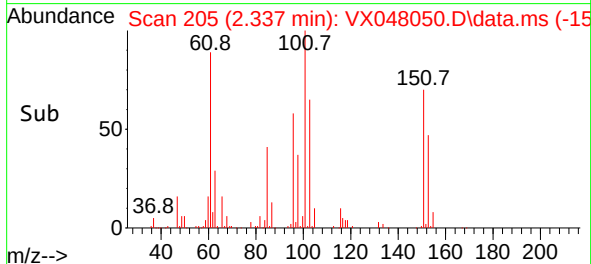
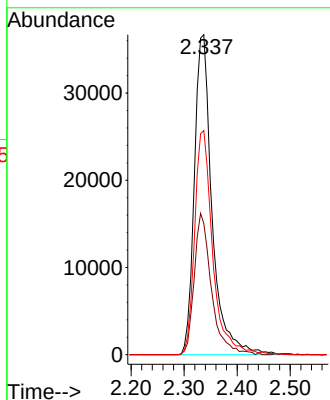
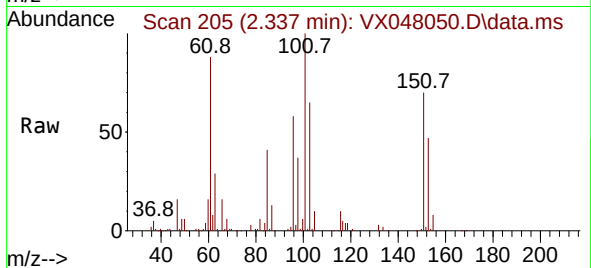
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.521 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 85110
Ion Ratio Lower Upper
101 100
85 43.0 35.5 53.3
151 71.3 59.4 89.0

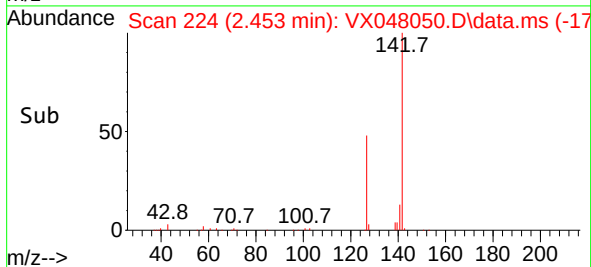
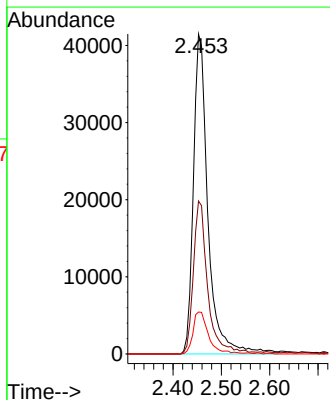
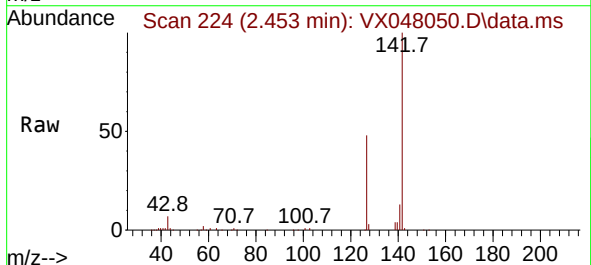
Manual Integrations
APPROVED

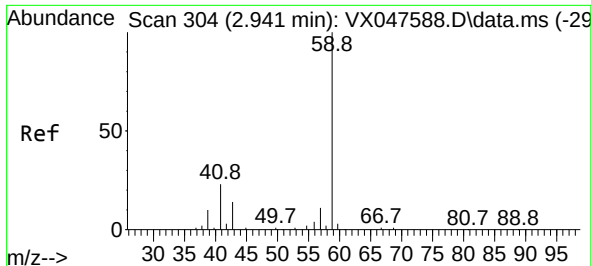
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#10
Methyl Iodide
Concen: 35.520 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

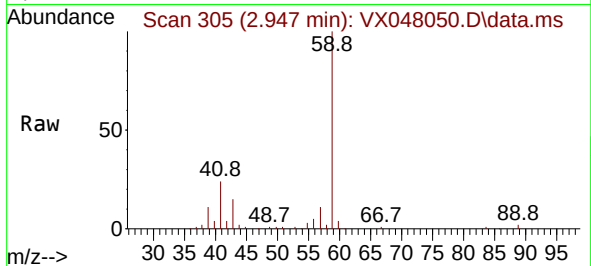
Tgt Ion:142 Resp: 86483
Ion Ratio Lower Upper
142 100
127 47.1 37.2 55.8
141 13.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 282.893 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

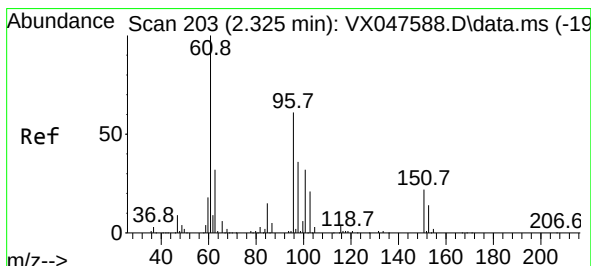
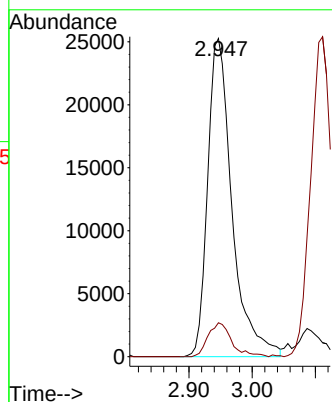
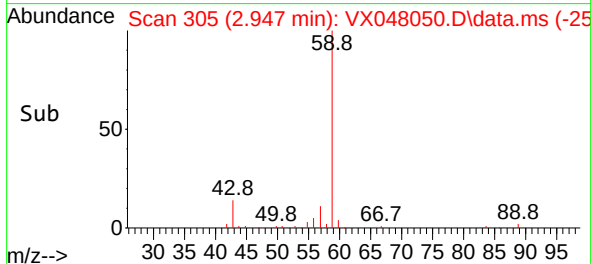
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



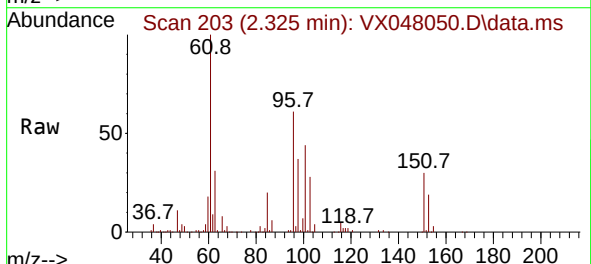
Tgt Ion: 59 Resp: 67690
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

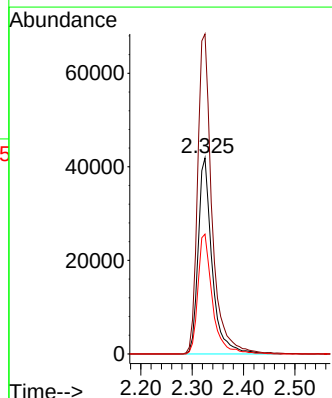
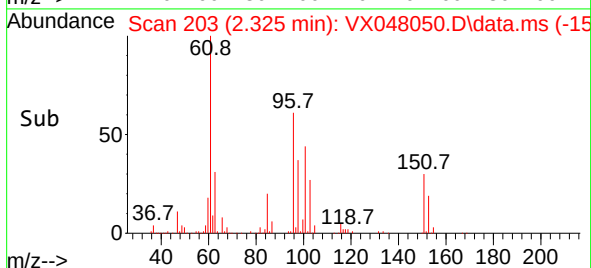
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

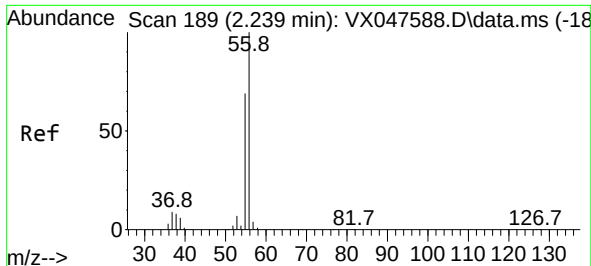


#12
1,1-Dichloroethene
Concen: 49.325 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



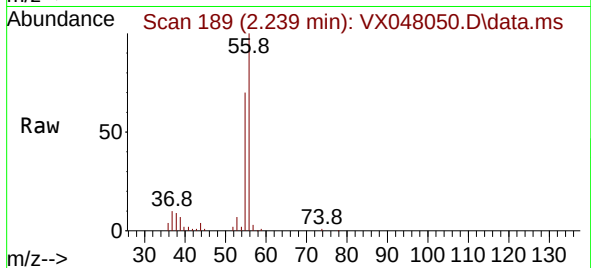
Tgt Ion: 96 Resp: 79098
Ion Ratio Lower Upper
96 100
61 163.3 131.0 196.6
98 61.2 47.7 71.5





#13
Acrolein
Concen: 287.870 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

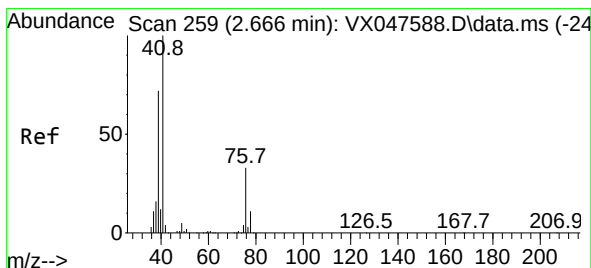
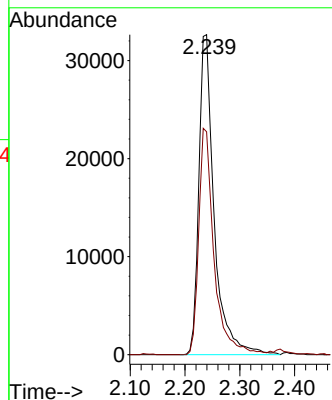
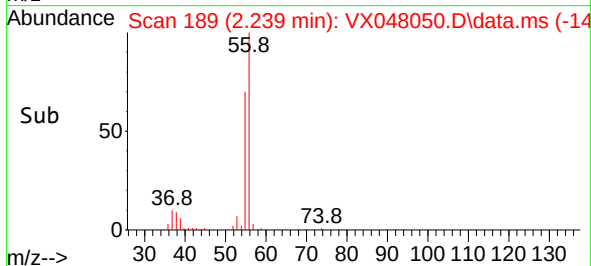
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 63475
Ion Ratio Lower Upper
56 100
55 70.9 57.2 85.8

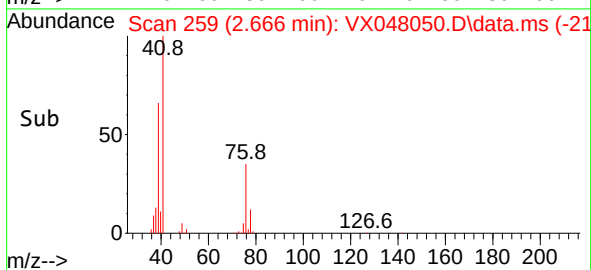
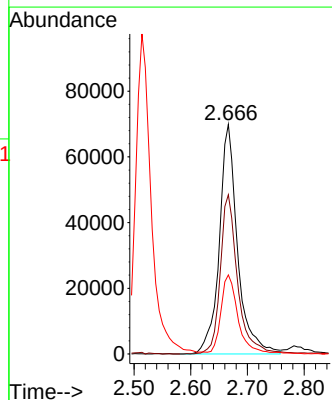
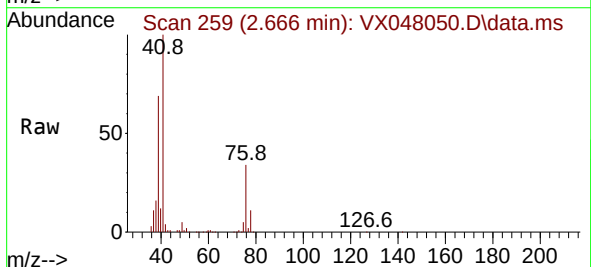
Manual Integrations
APPROVED

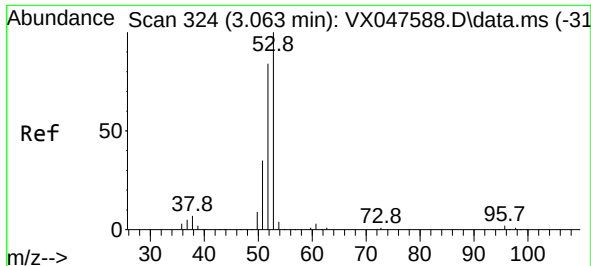
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#14
Allyl chloride
Concen: 47.366 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

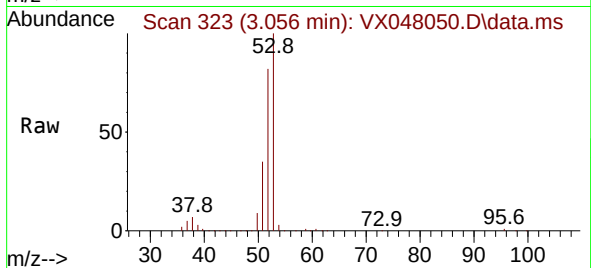
Tgt Ion: 41 Resp: 156741
Ion Ratio Lower Upper
41 100
39 65.9 54.7 82.1
76 32.2 25.7 38.5





#15
Acrylonitrile
Concen: 299.023 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

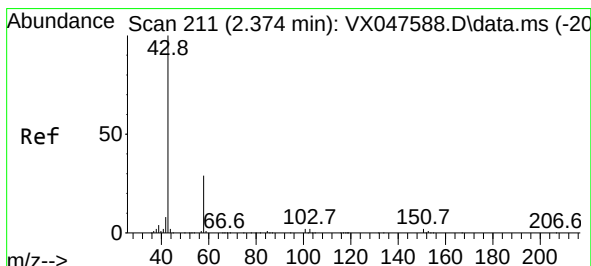
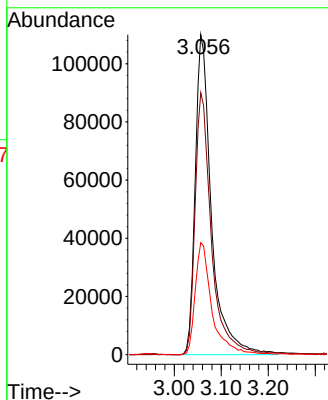
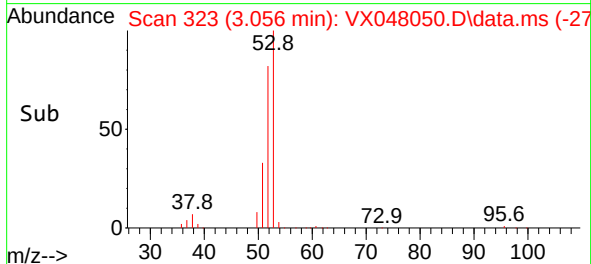
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 265024
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.2 29.5 44.3

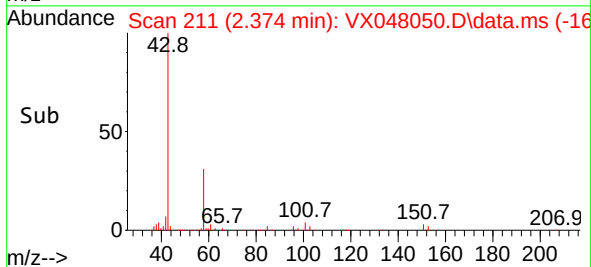
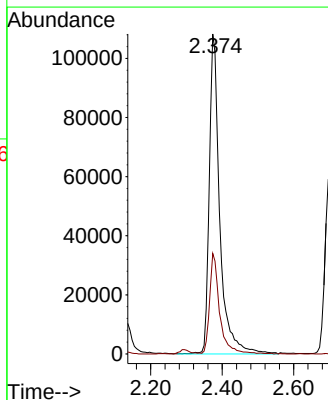
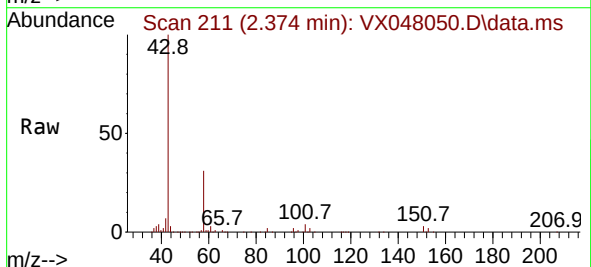
Manual Integrations
APPROVED

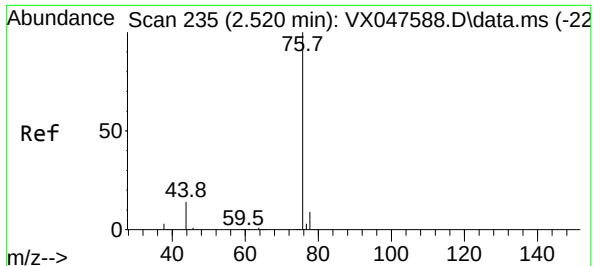
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#16
Acetone
Concen: 236.958 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

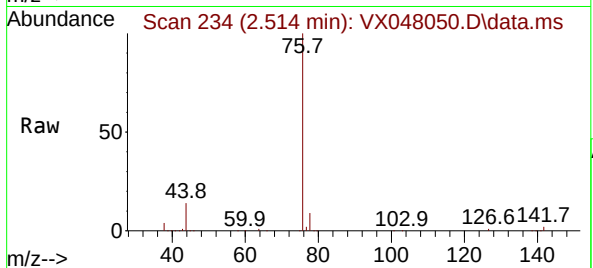
Tgt Ion: 43 Resp: 221353
Ion Ratio Lower Upper
43 100
58 31.6 23.4 35.0





#17
Carbon Disulfide
Concen: 41.979 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

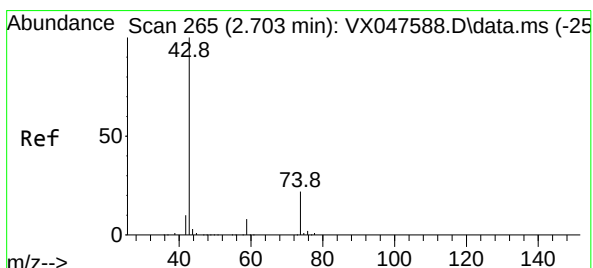
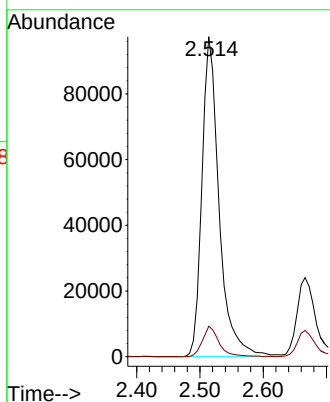
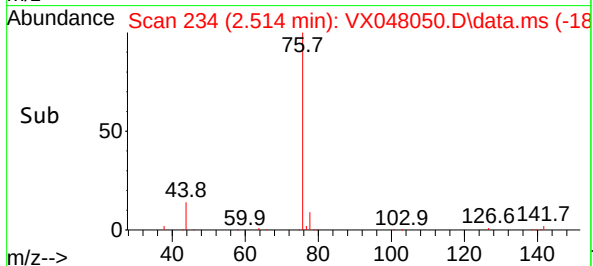
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 184290
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

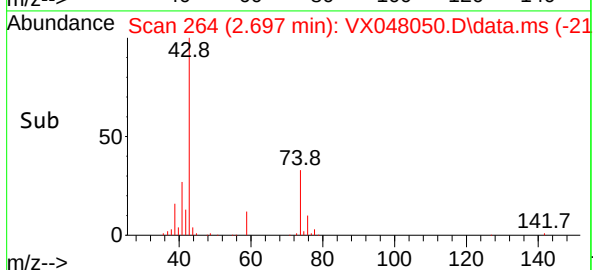
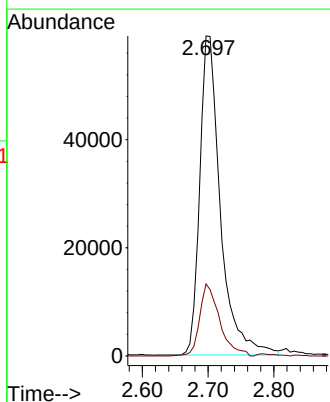
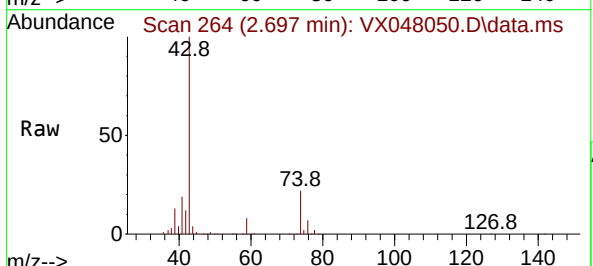
Manual Integrations
APPROVED

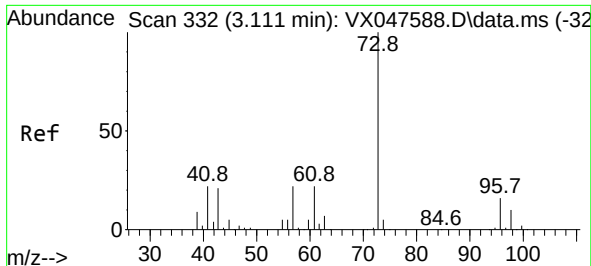
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#18
Methyl Acetate
Concen: 62.025 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 43 Resp: 128946
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2





#19

Methyl tert-butyl Ether

Concen: 52.337 ug/l

RT: 3.111 min Scan# 332

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 306378

Ion Ratio Lower Upper

73 100

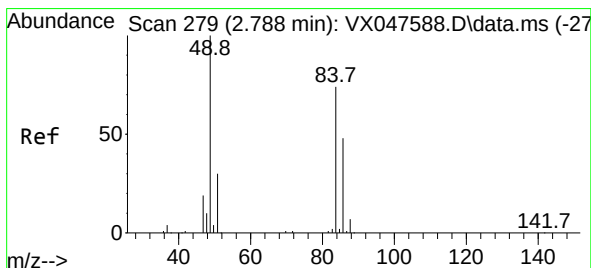
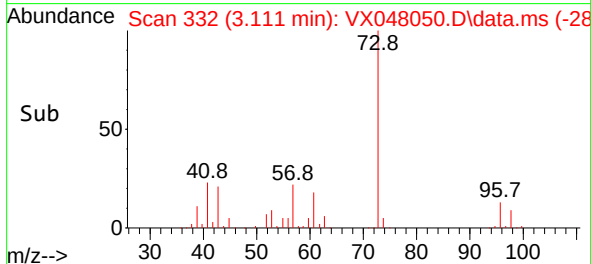
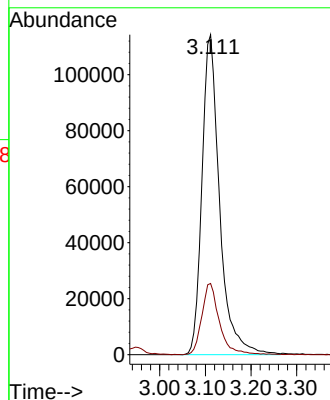
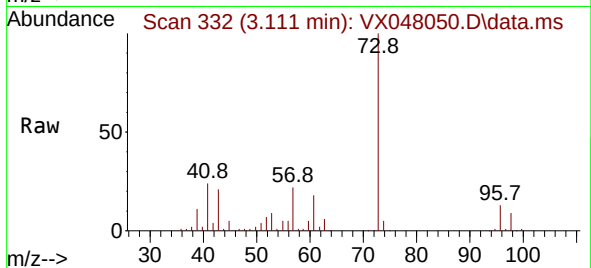
57 22.2 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#20

Methylene Chloride

Concen: 50.670 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Tgt Ion: 84 Resp: 100192

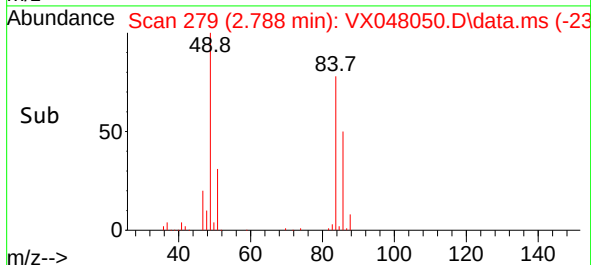
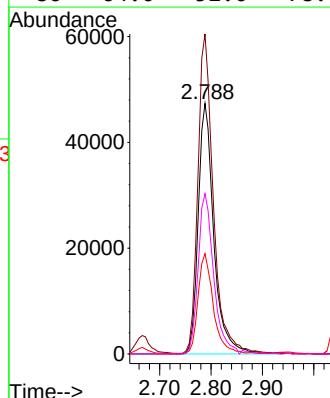
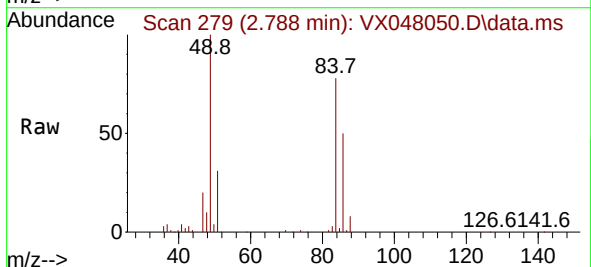
Ion Ratio Lower Upper

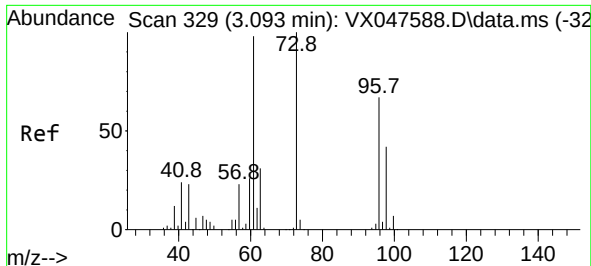
84 100

49 127.5 108.6 162.8

51 40.0 32.6 48.8

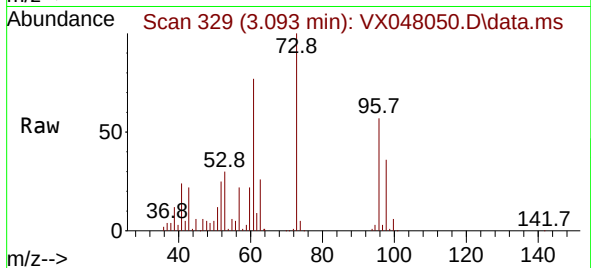
86 64.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 49.140 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

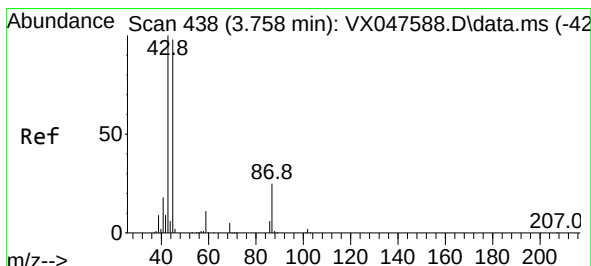
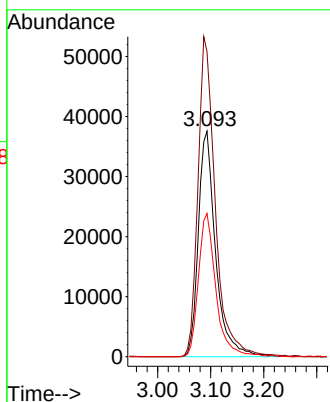
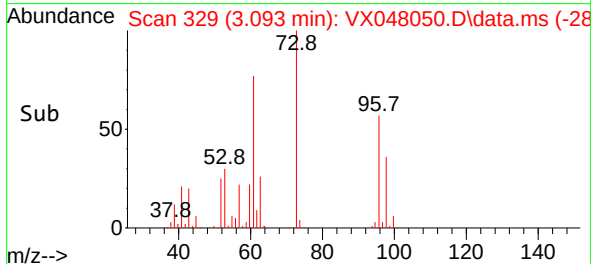
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



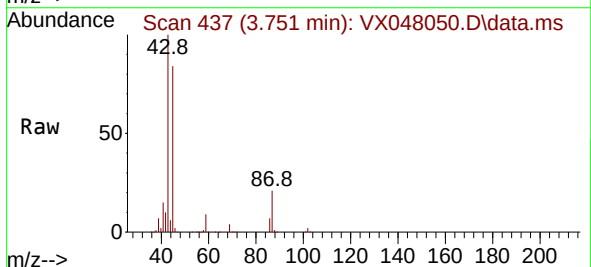
Tgt Ion: 96 Resp: 84840
Ion Ratio Lower Upper
96 100
61 135.3 116.2 174.2
98 63.6 49.3 73.9

Manual Integrations
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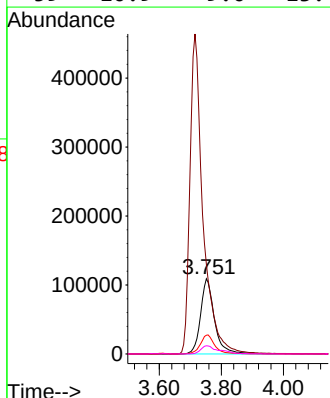
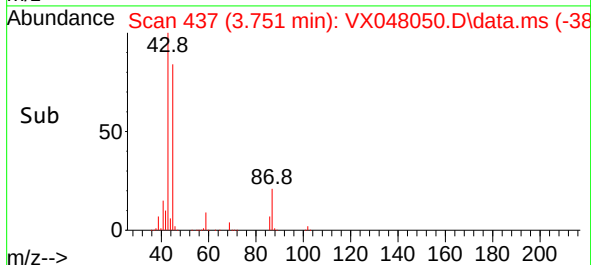
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

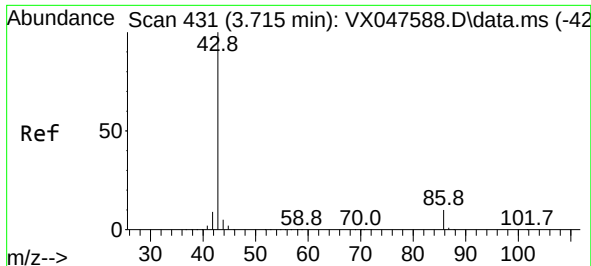


#22
Diisopropyl ether
Concen: 52.669 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



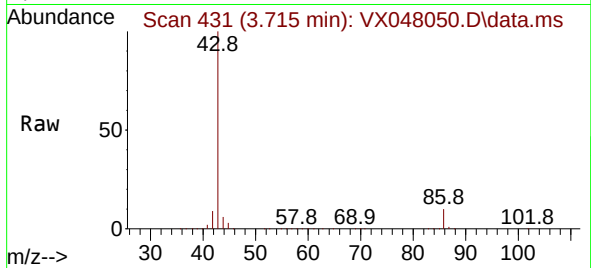
Tgt Ion: 45 Resp: 337776
Ion Ratio Lower Upper
45 100
43 119.1 81.0 121.4
87 24.8 20.3 30.5
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 265.904 ug/l
 RT: 3.715 min Scan# 431
 Delta R.T. -0.000 min
 Lab File: VX048050.D
 Acq: 07 Oct 2025 14:06

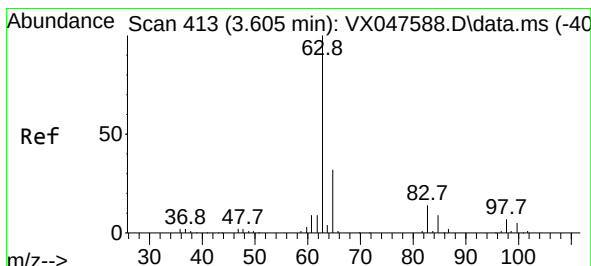
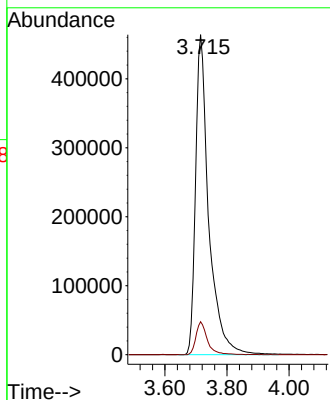
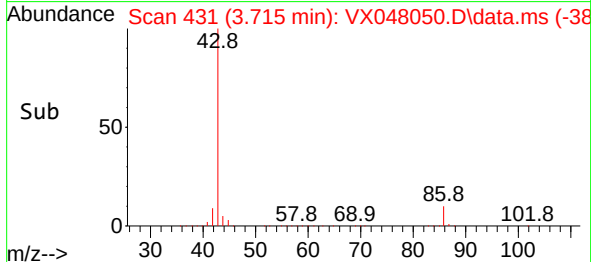
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



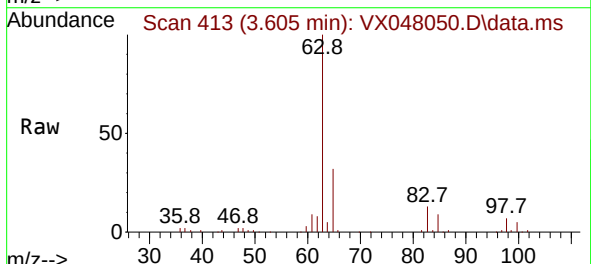
Tgt Ion: 43 Resp: 1364818
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

Manual Integrations
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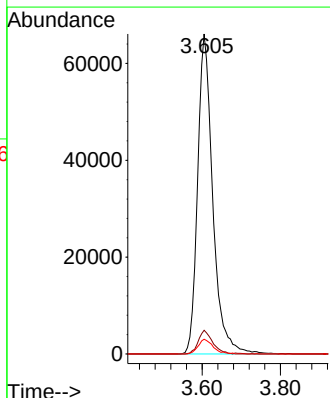
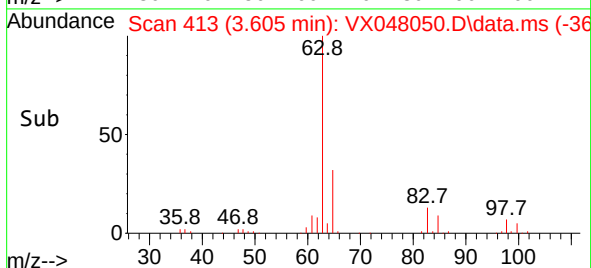
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025

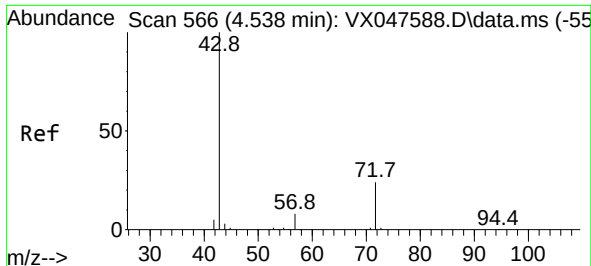


#24
 1,1-Dichloroethane
 Concen: 52.133 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048050.D
 Acq: 07 Oct 2025 14:06



Tgt Ion: 63 Resp: 177705
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.8 2.3 6.9





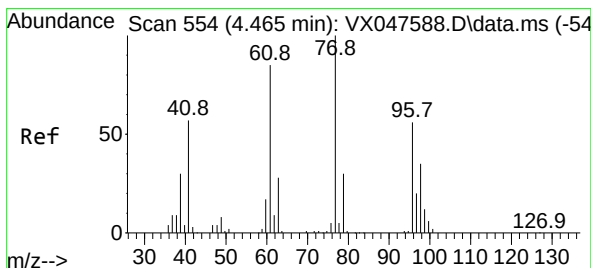
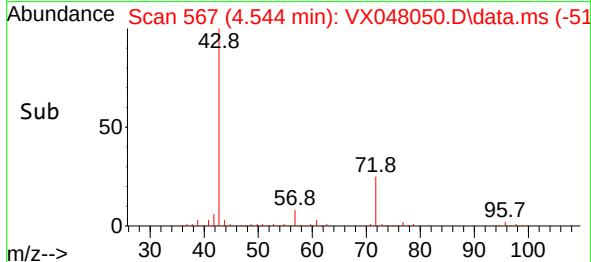
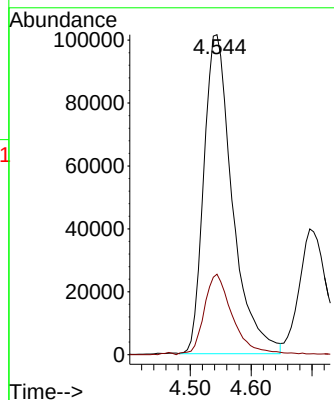
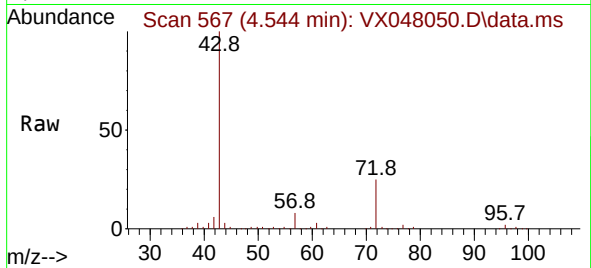
#25
2-Butanone
Concen: 283.574 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 330428
Ion Ratio Lower Upper
43 100
72 24.7 20.1 30.1

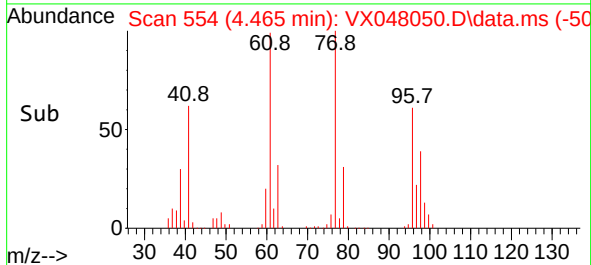
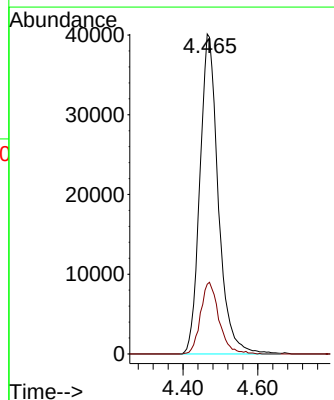
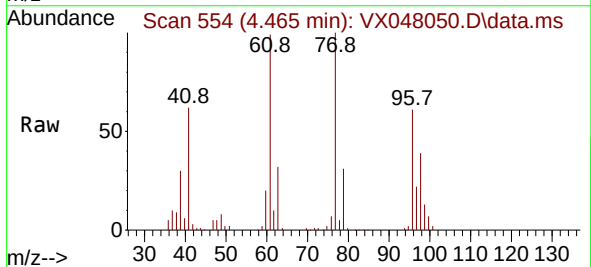
Manual Integrations
APPROVED

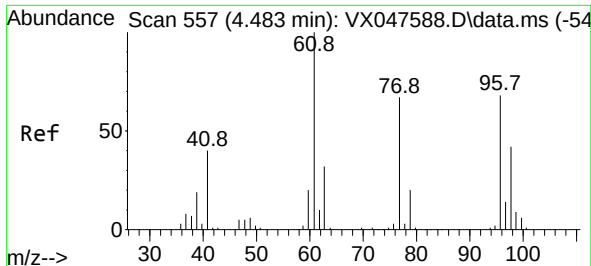
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#26
2,2-Dichloropropane
Concen: 48.302 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 77 Resp: 136863
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.345 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 108562

Ion Ratio Lower Upper

96 100

61 148.9 0.0 303.2

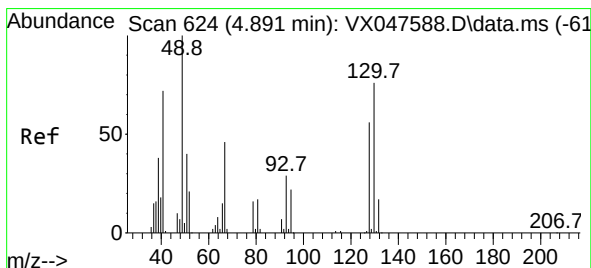
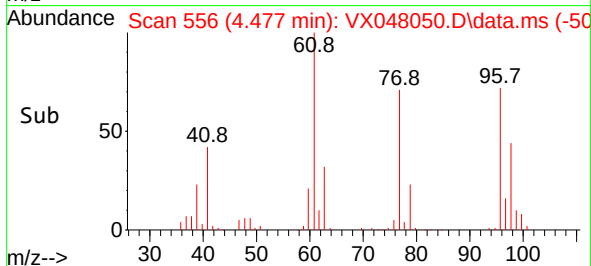
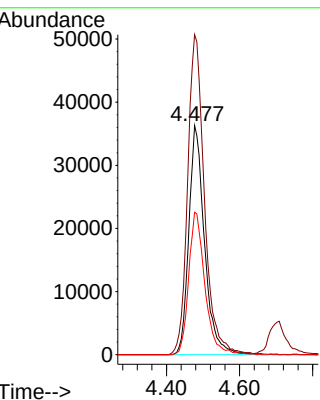
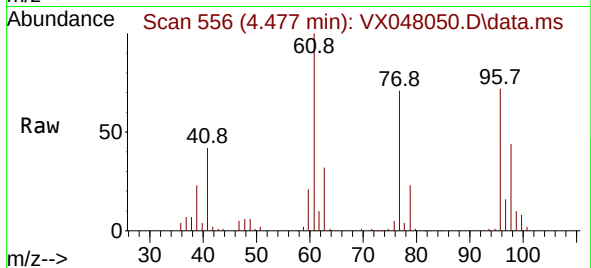
98 64.0 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#28

Bromochloromethane

Concen: 51.592 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

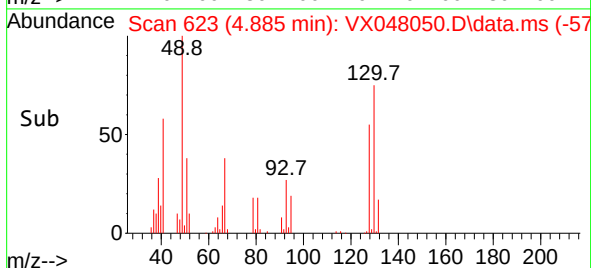
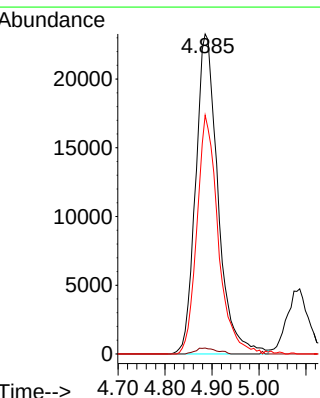
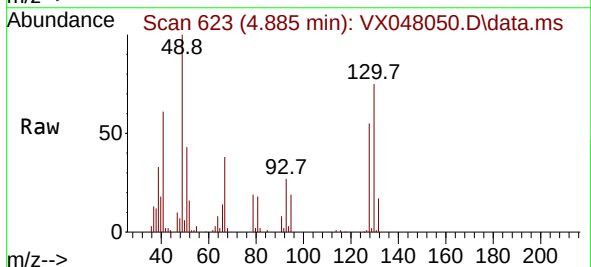
Tgt Ion: 49 Resp: 76774

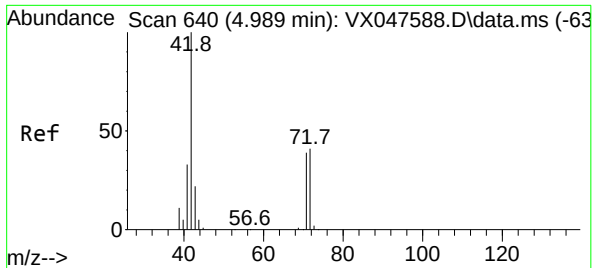
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

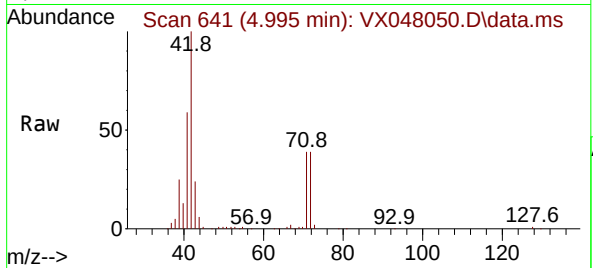
130 71.0 57.8 86.8





#29
Tetrahydrofuran
Concen: 288.941 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

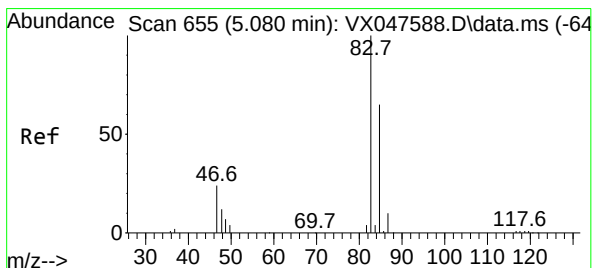
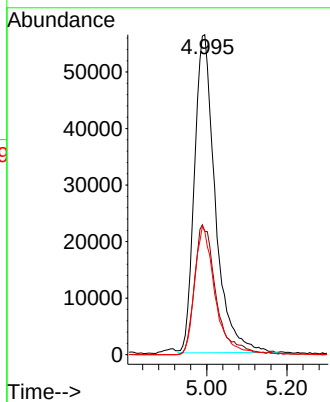
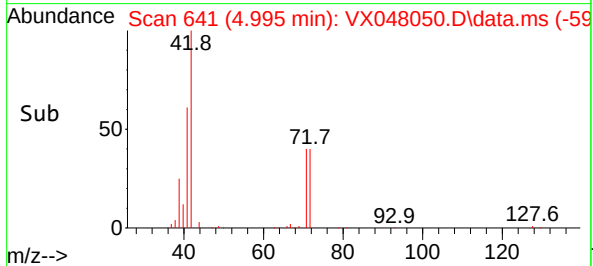
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 202540
Ion Ratio Lower Upper
42 100
72 42.9 34.2 51.2
71 39.5 31.9 47.9

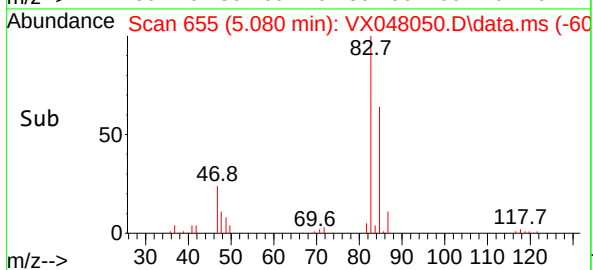
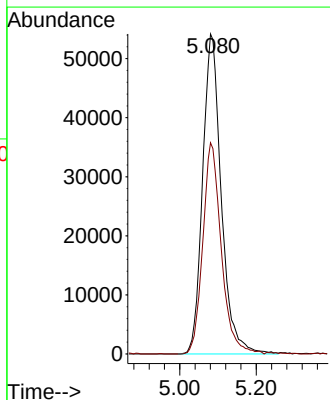
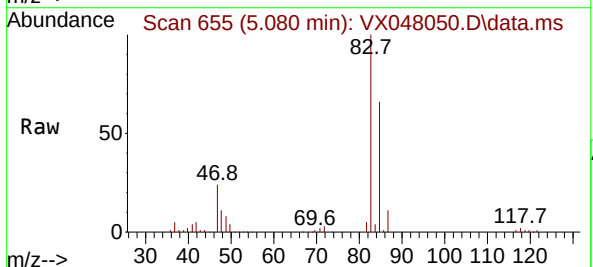
Manual Integrations
APPROVED

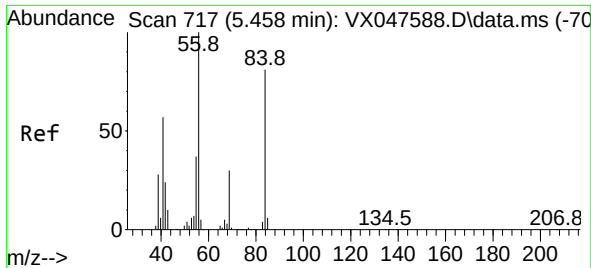
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#30
Chloroform
Concen: 53.226 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

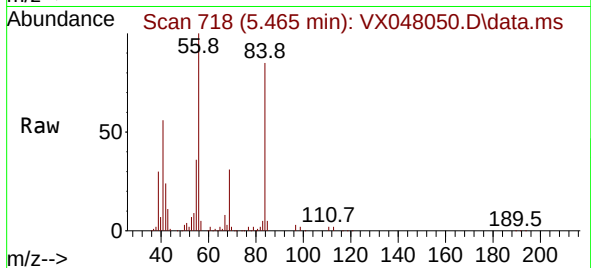
Tgt Ion: 83 Resp: 183339
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.6





#31
Cyclohexane
Concen: 44.311 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

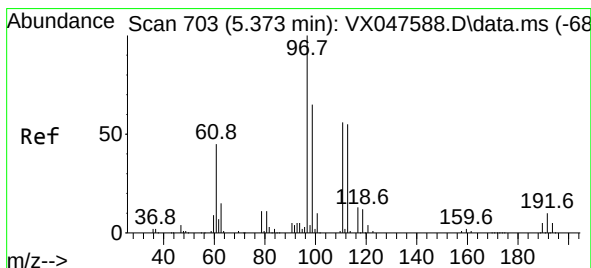
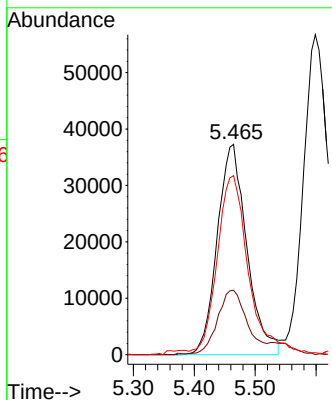
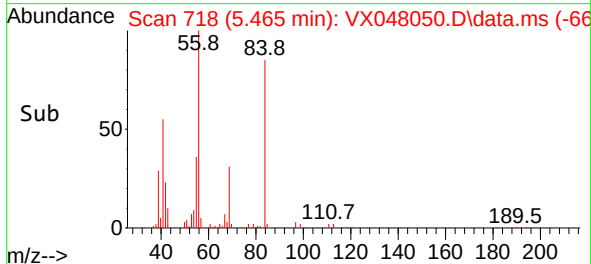
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 125798
Ion Ratio Lower Upper
56 100
69 32.1 23.8 35.8
84 83.1 64.6 97.0

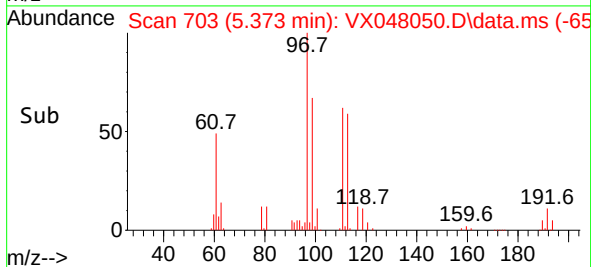
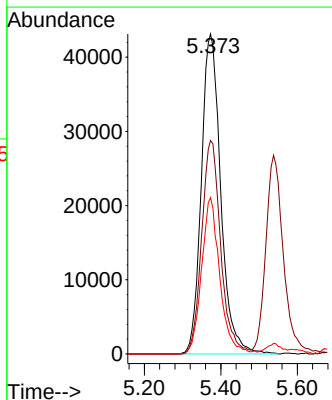
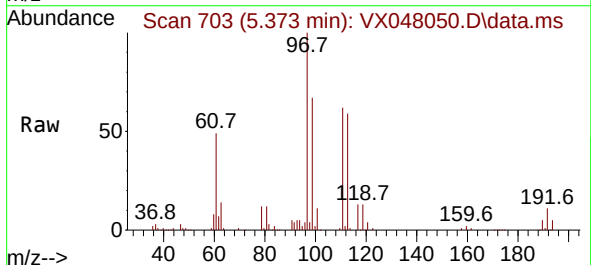
Manual Integrations
APPROVED

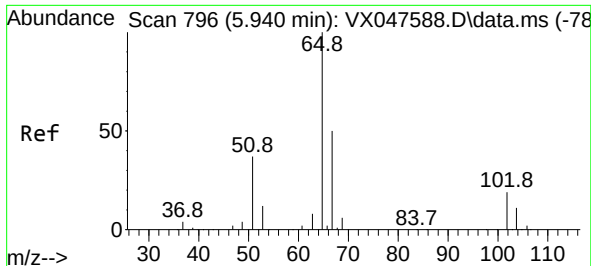
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#32
1,1,1-Trichloroethane
Concen: 52.063 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 97 Resp: 152113
Ion Ratio Lower Upper
97 100
99 65.4 50.6 76.0
61 45.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.553 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 108609

Ion Ratio Lower Upper

65 100

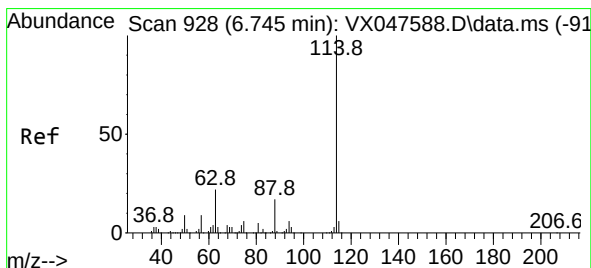
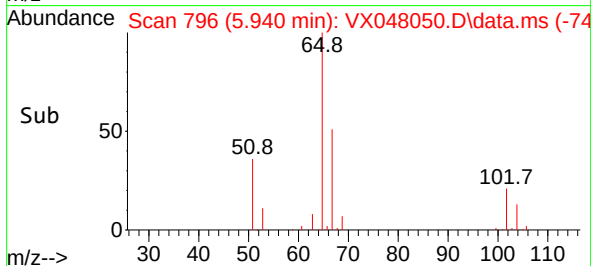
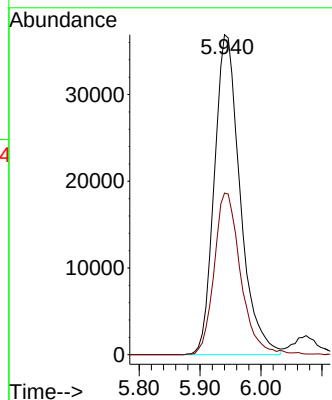
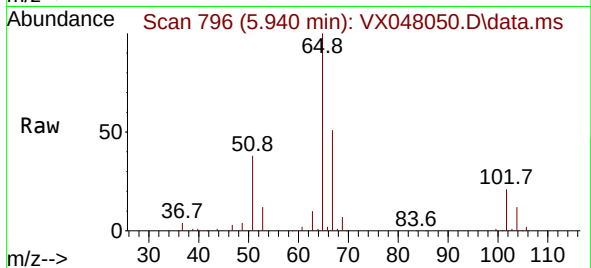
67 51.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

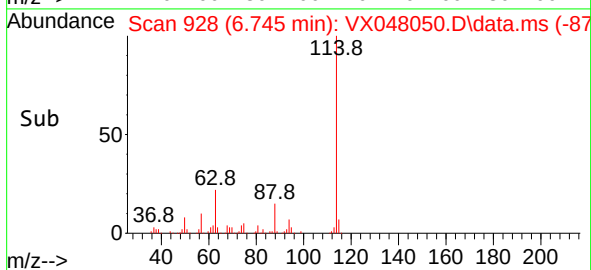
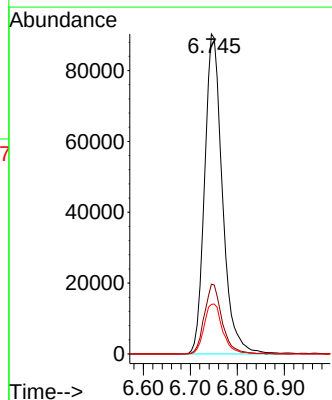
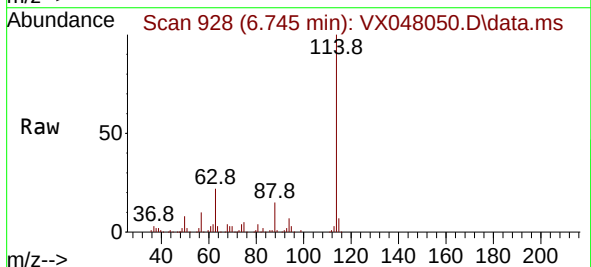
Tgt Ion:114 Resp: 236965

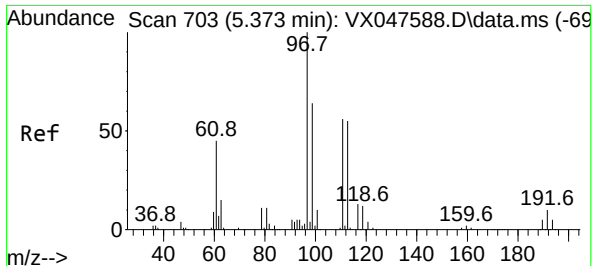
Ion Ratio Lower Upper

114 100

63 24.9 0.0 44.0

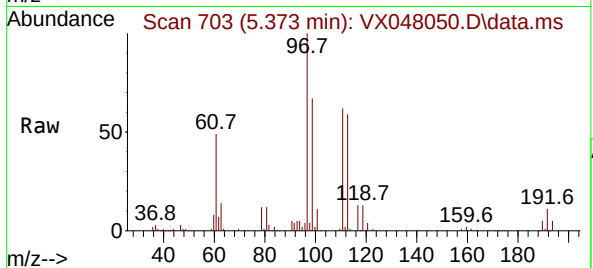
88 15.5 0.0 34.2





#35
Dibromofluoromethane
Concen: 53.241 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

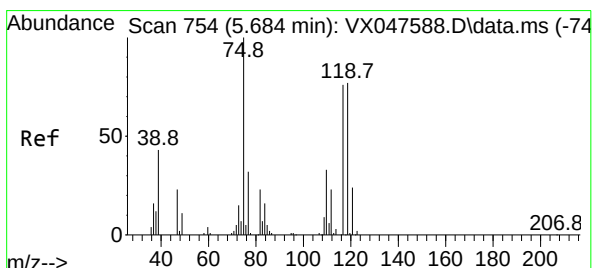
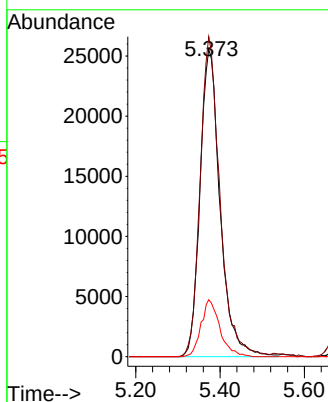
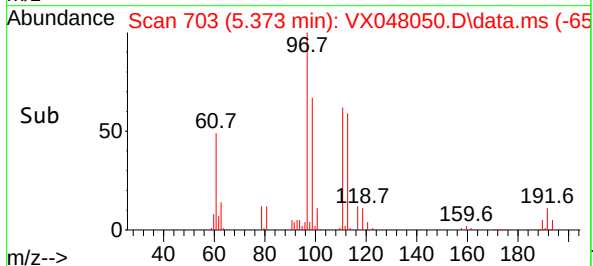
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 84612
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.4 14.2 21.4

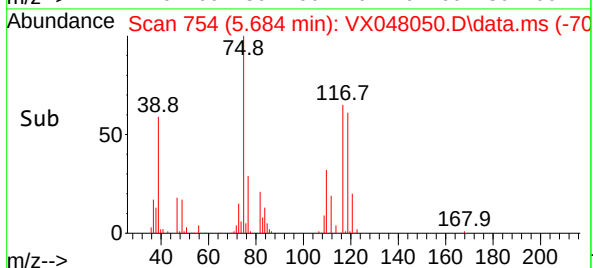
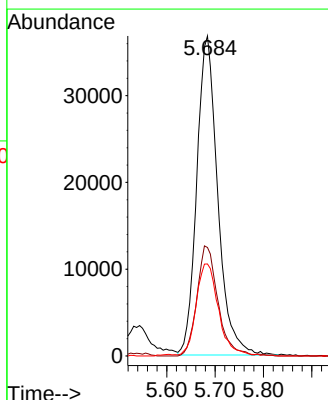
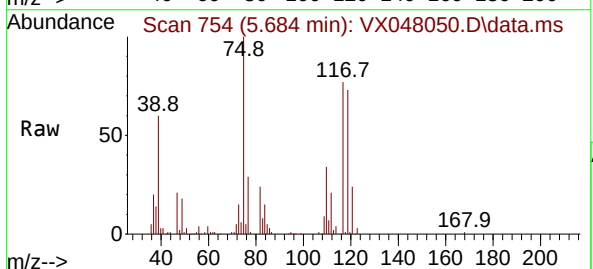
Manual Integrations
APPROVED

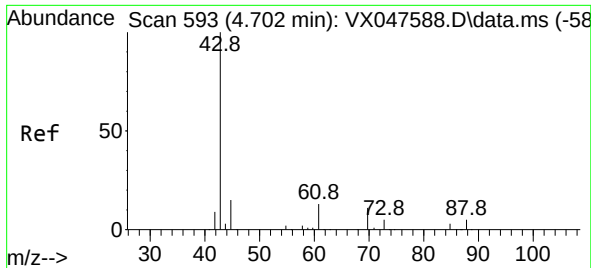
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#36
1,1-Dichloropropene
Concen: 47.738 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 75 Resp: 110859
Ion Ratio Lower Upper
75 100
110 34.4 16.7 50.1
77 31.0 24.3 36.5





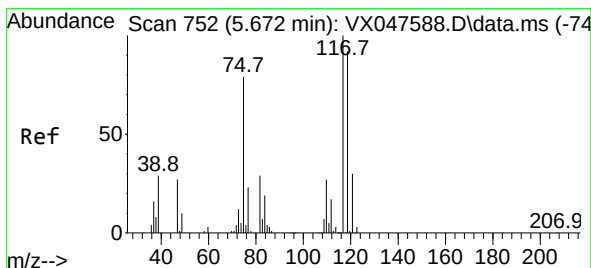
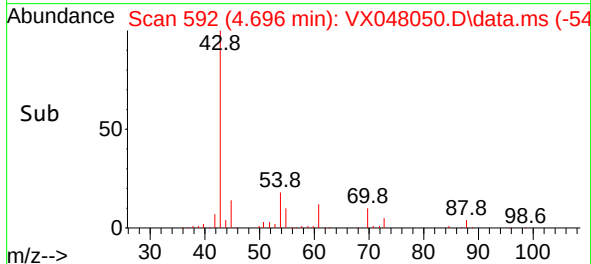
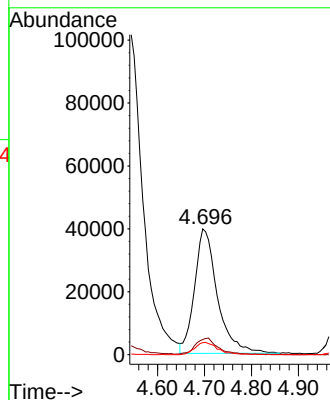
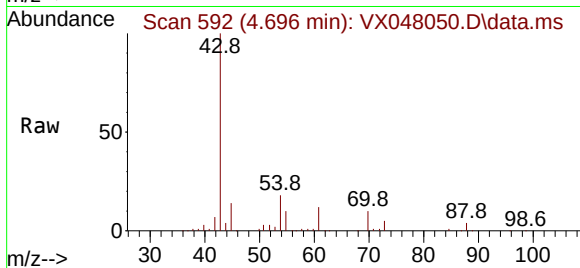
#37
Ethyl Acetate
Concen: 53.816 ug/l
RT: 4.696 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13381
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 10.0 7.9 11.9

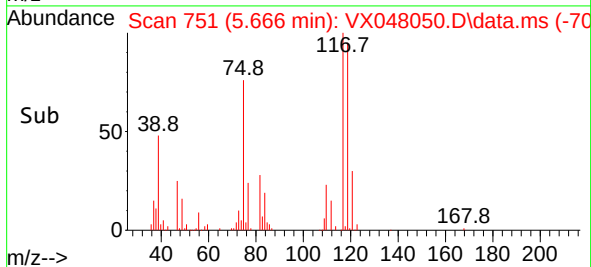
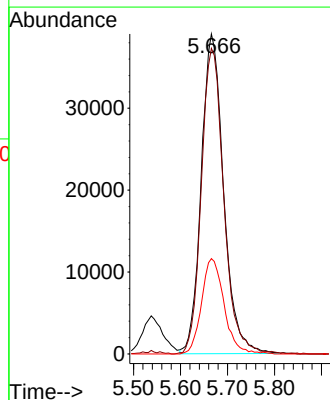
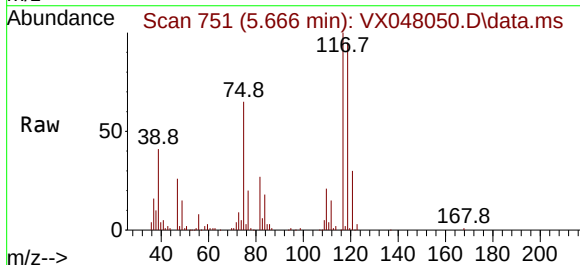
Manual Integrations
APPROVED

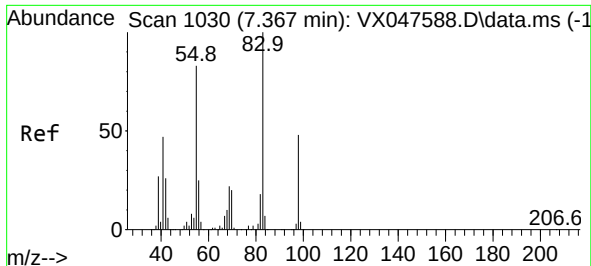
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#38
Carbon Tetrachloride
Concen: 51.153 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

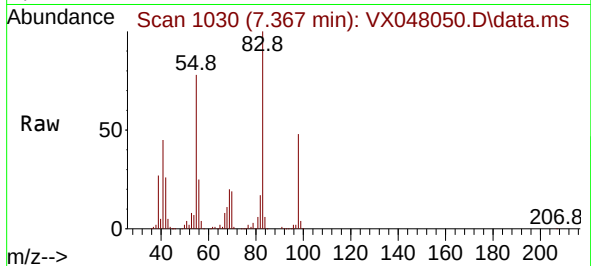
Tgt Ion:117 Resp: 129067
Ion Ratio Lower Upper
117 100
119 95.3 73.4 110.2
121 29.9 23.8 35.6





#39
Methylcyclohexane
Concen: 46.626 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

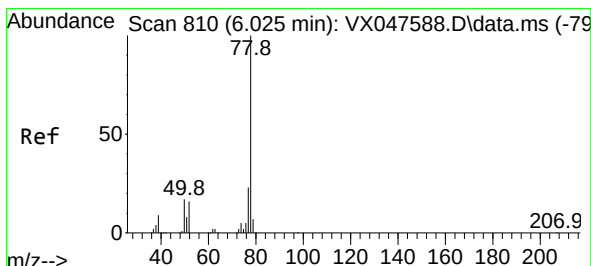
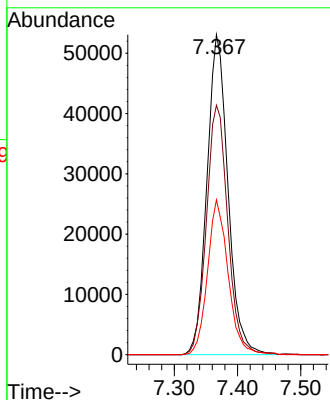
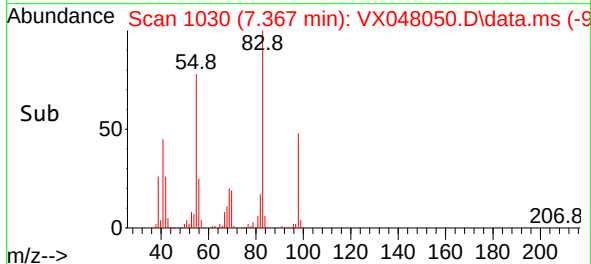
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 122907
Ion Ratio Lower Upper
83 100
55 78.0 66.4 99.6
98 48.4 38.1 57.1

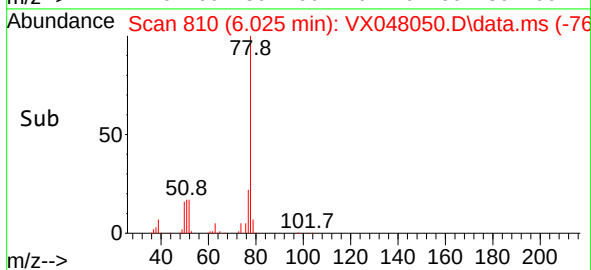
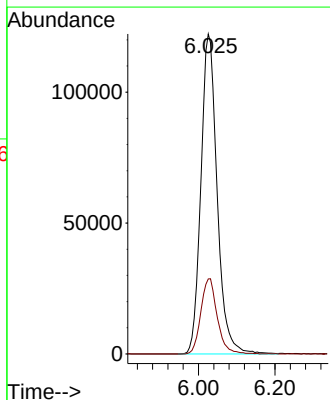
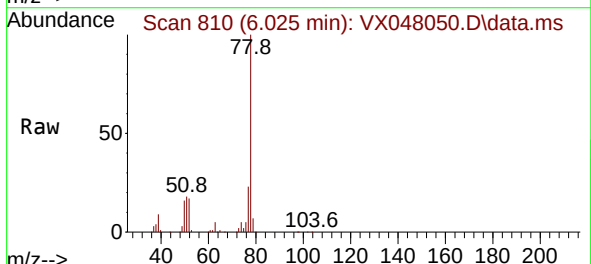
Manual Integrations
APPROVED

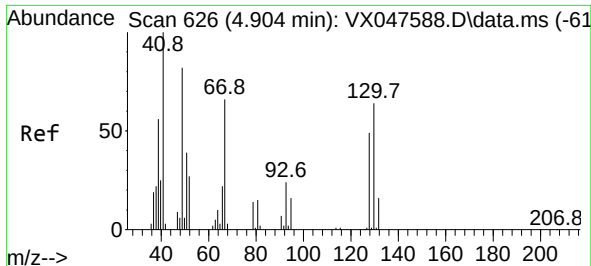
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#40
Benzene
Concen: 51.073 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

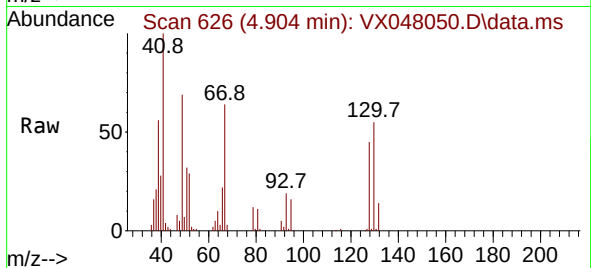
Tgt Ion: 78 Resp: 360225
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 58.489 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

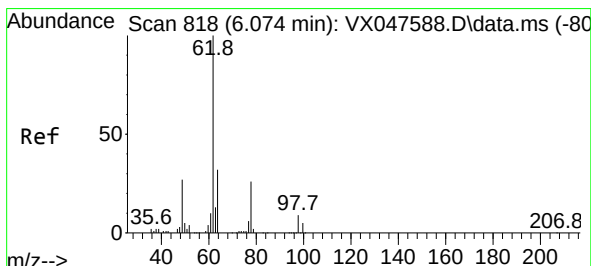
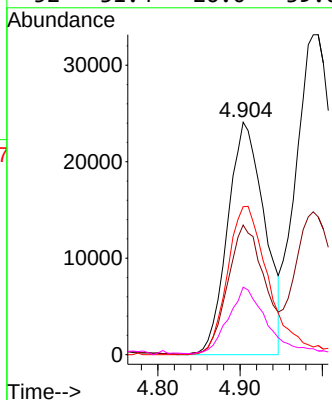
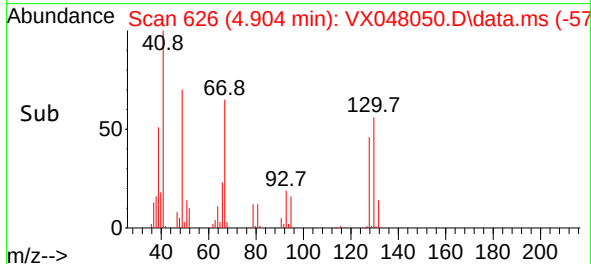
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	75079
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.3	64.9
67	72.8	58.6	87.8
52	31.4	26.0	39.0

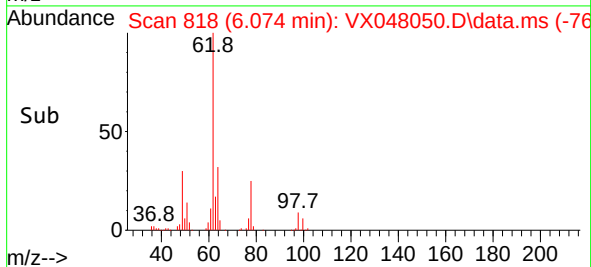
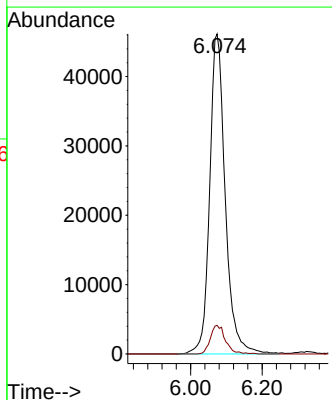
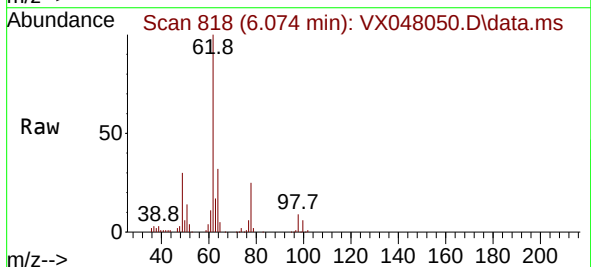
Manual Integrations
APPROVED

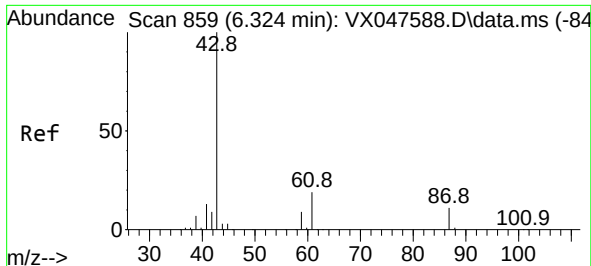
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#42
1,2-Dichloroethane
Concen: 51.916 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion:	62	Resp:	139323
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43

Isopropyl Acetate

Concen: 54.285 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

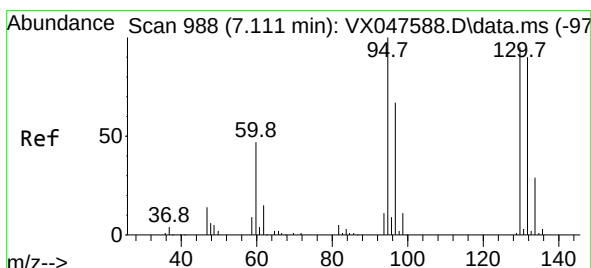
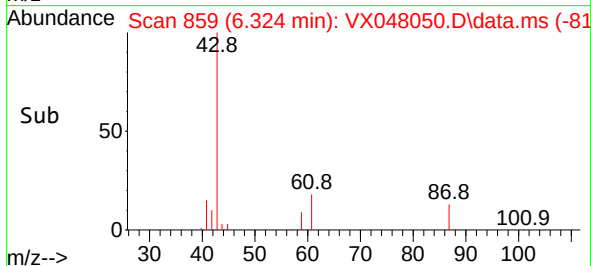
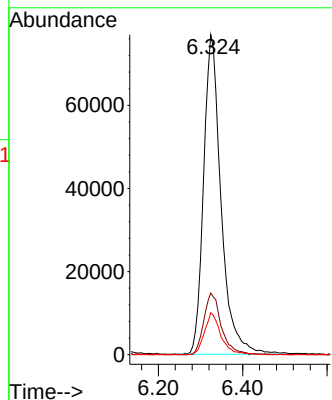
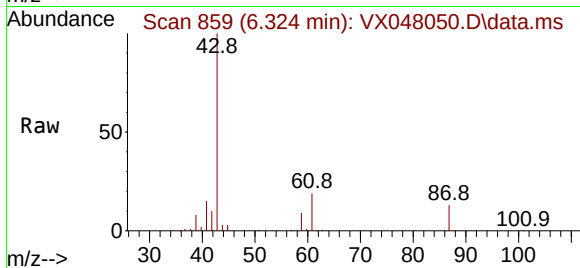
Tgt Ion: 43 Resp: 221368
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.2 22.8
 87 12.4 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#44

Trichloroethene

Concen: 50.903 ug/l

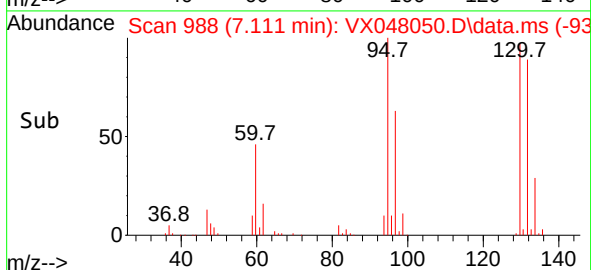
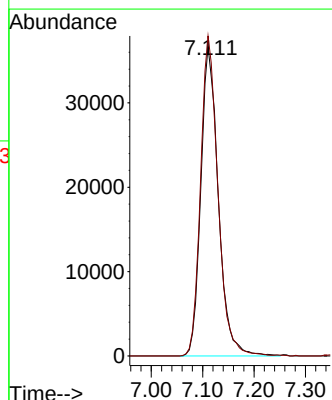
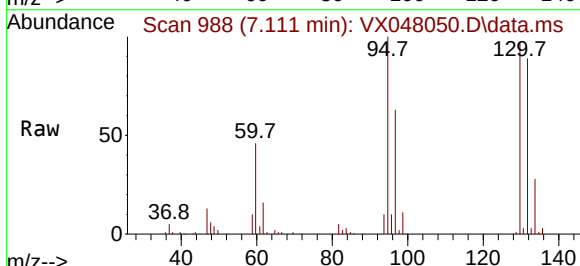
RT: 7.111 min Scan# 988

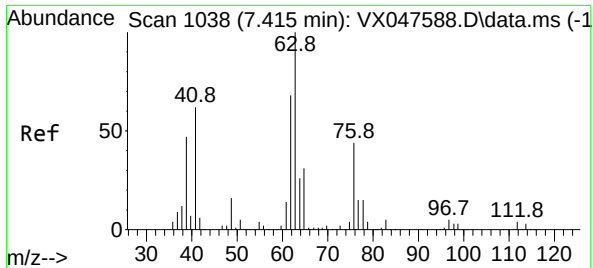
Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

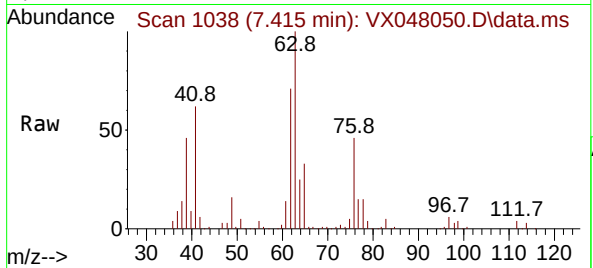
Tgt Ion:130 Resp: 86799
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 210.8





#45
1,2-Dichloropropane
Concen: 53.319 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

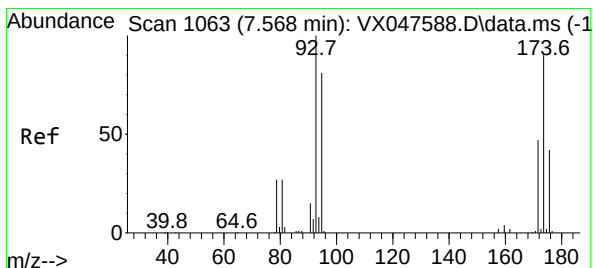
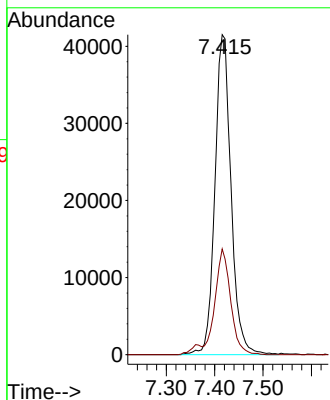
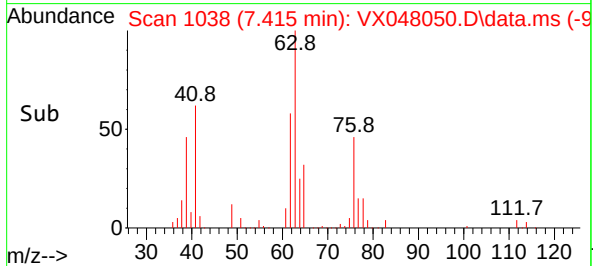
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 96290
Ion Ratio Lower Upper
63 100
65 33.1 24.7 37.1

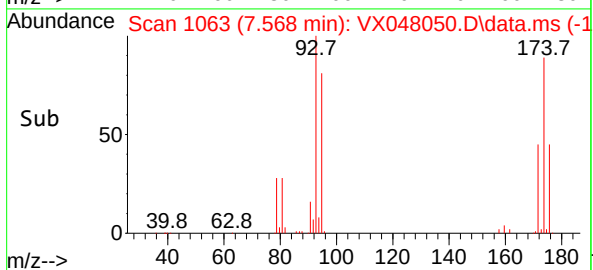
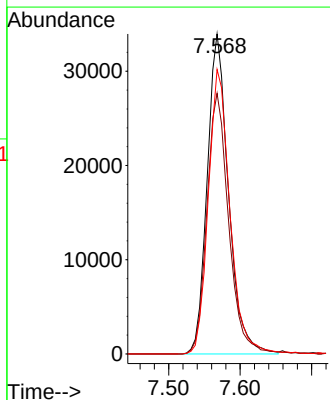
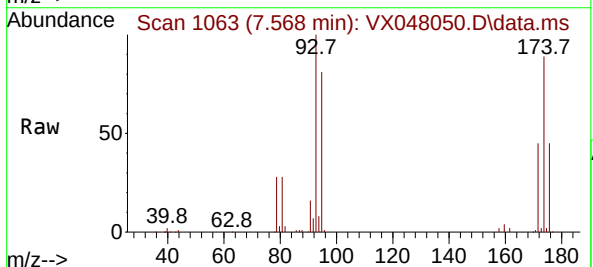
Manual Integrations
APPROVED

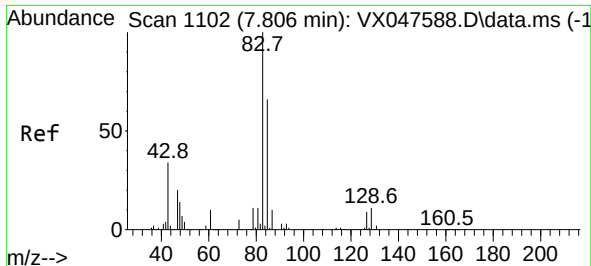
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#46
Dibromomethane
Concen: 53.412 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

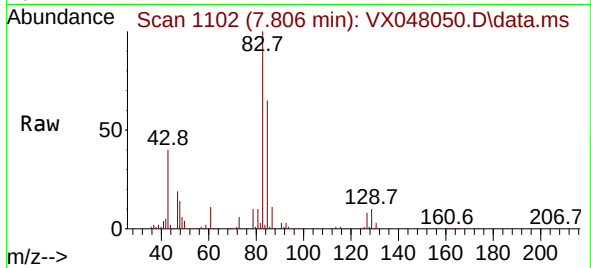
Tgt Ion: 93 Resp: 70197
Ion Ratio Lower Upper
93 100
95 83.7 65.0 97.6
174 90.8 71.6 107.4





#47
Bromodichloromethane
Concen: 55.036 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

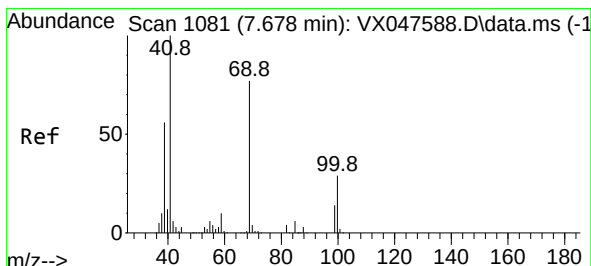
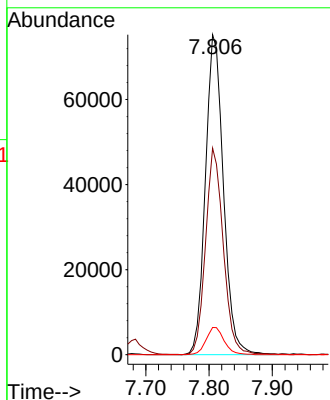
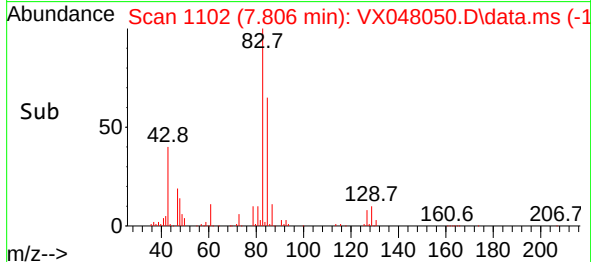
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14926
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7
127 8.5 6.9 10.3

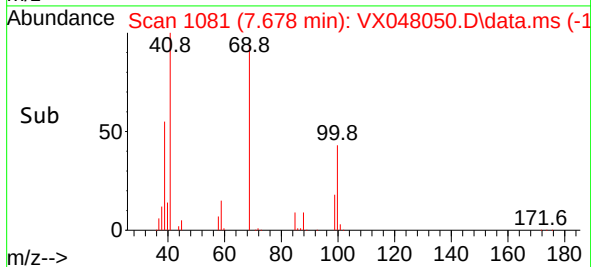
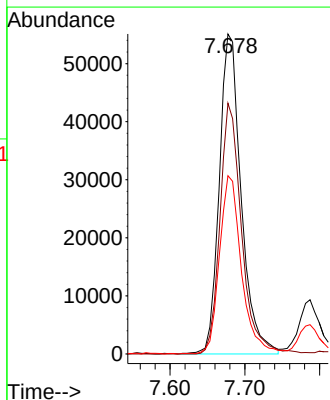
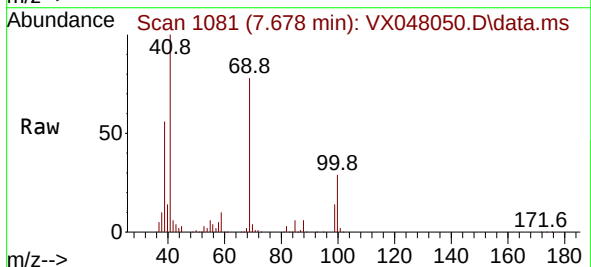
Manual Integrations
APPROVED

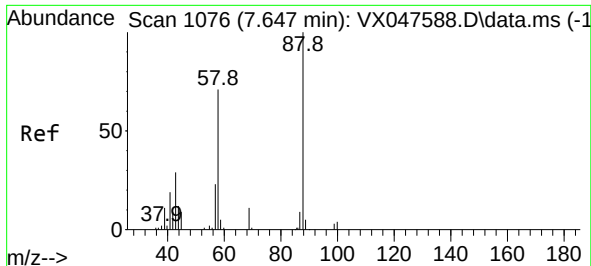
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#48
Methyl methacrylate
Concen: 55.283 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 41 Resp: 112293
Ion Ratio Lower Upper
41 100
69 77.5 61.4 92.2
39 56.3 45.8 68.6





#49

1,4-Dioxane

Concen: 1463.223 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3003

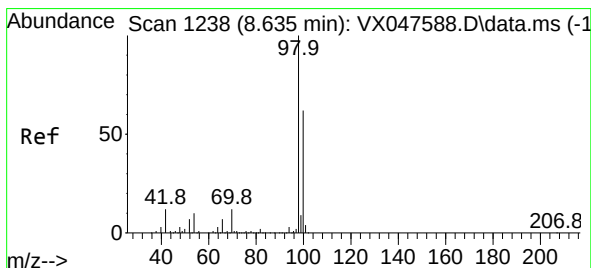
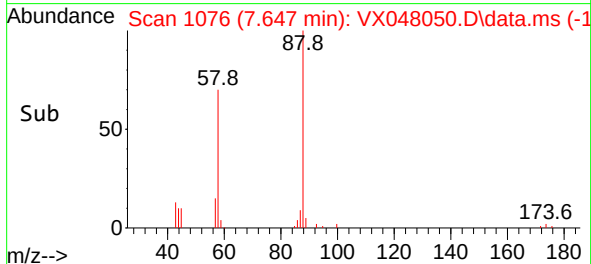
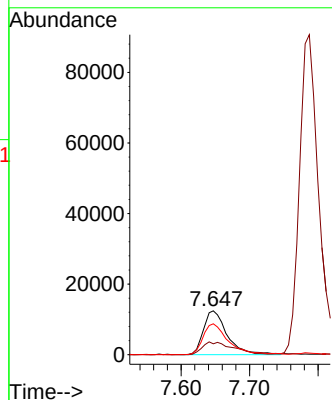
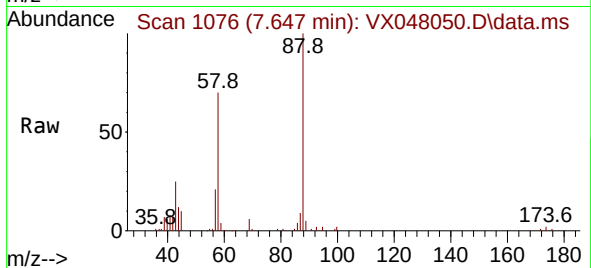
Ion	Ratio	Lower	Upper
88	100		
43	38.3	30.2	45.2
58	75.1	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#50

Toluene-d8

Concen: 51.040 ug/l

RT: 8.635 min Scan# 1238

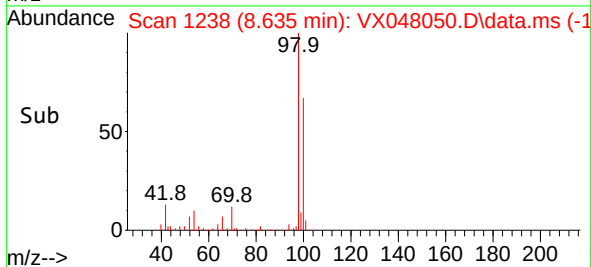
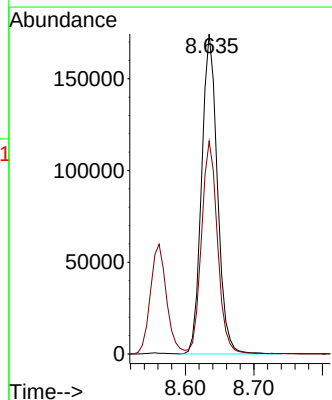
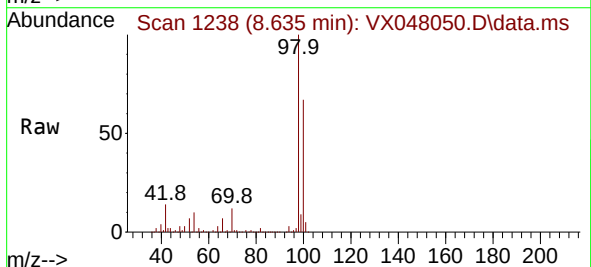
Delta R.T. -0.000 min

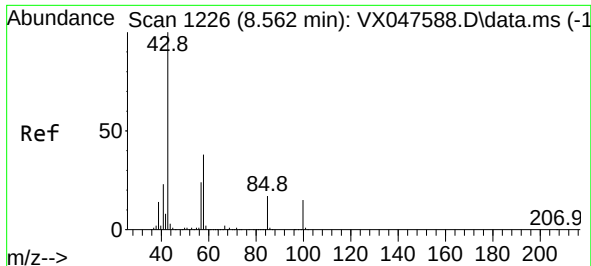
Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Tgt Ion: 98 Resp: 280669

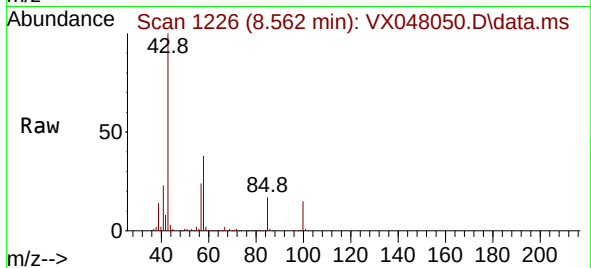
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 302.796 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

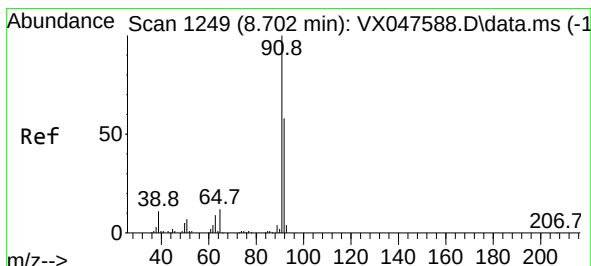
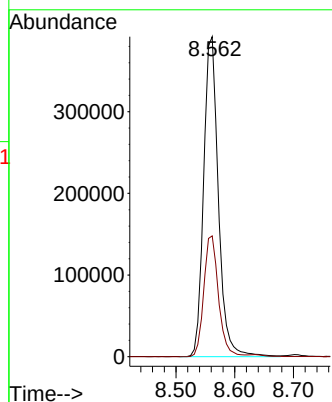
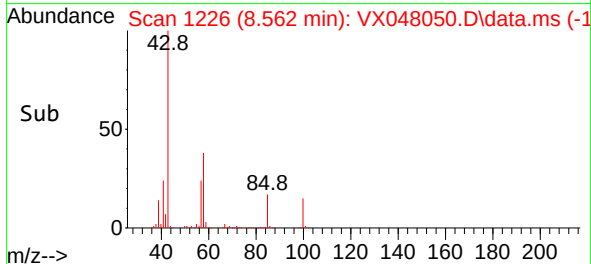
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 68461
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

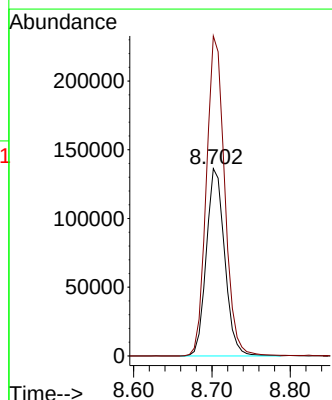
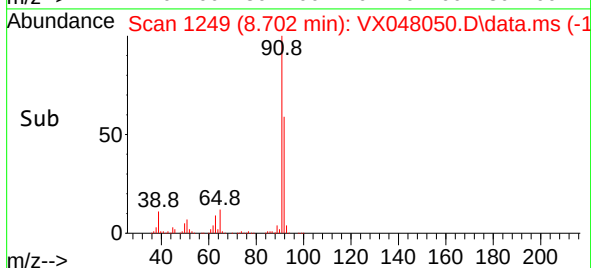
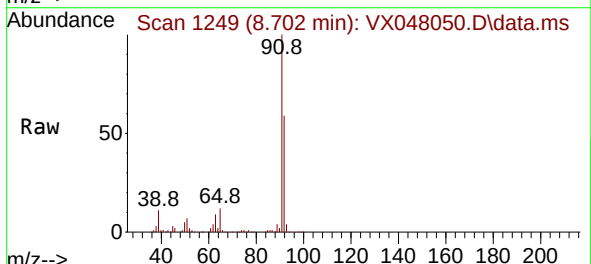
Manual Integrations
APPROVED

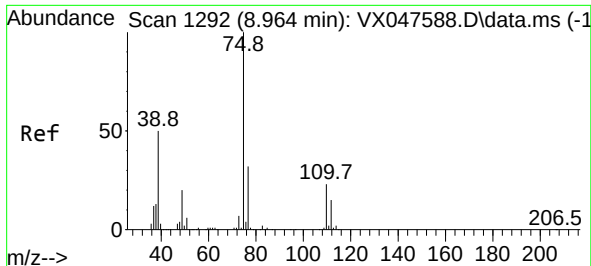
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#52
Toluene
Concen: 51.000 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 92 Resp: 221620
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.232 ug/l

RT: 8.964 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 141724

Ion Ratio Lower Upper

75 100

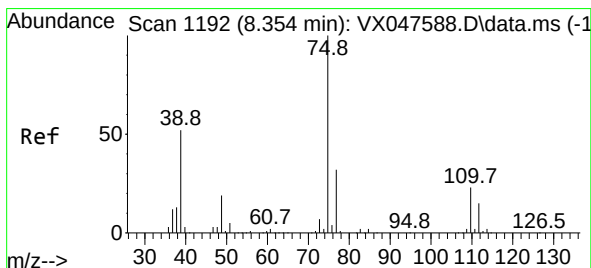
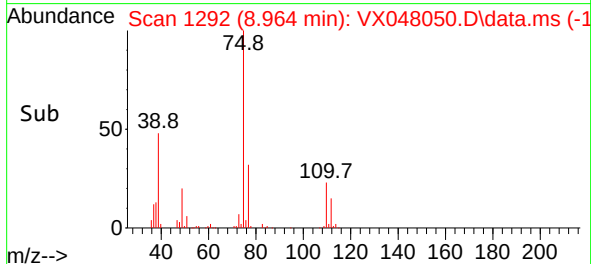
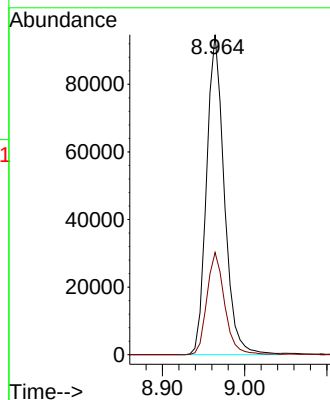
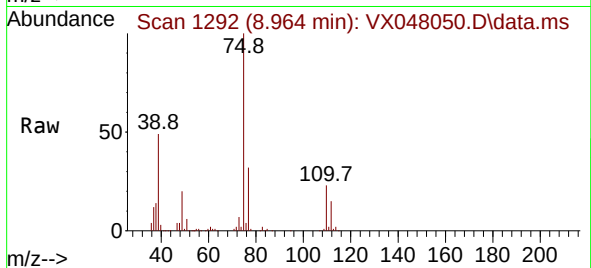
77 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#54

cis-1,3-Dichloropropene

Concen: 52.162 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

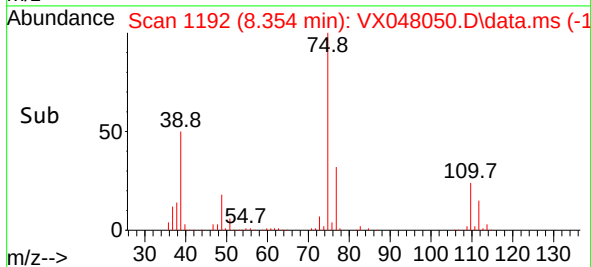
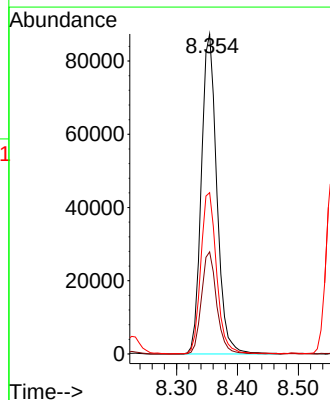
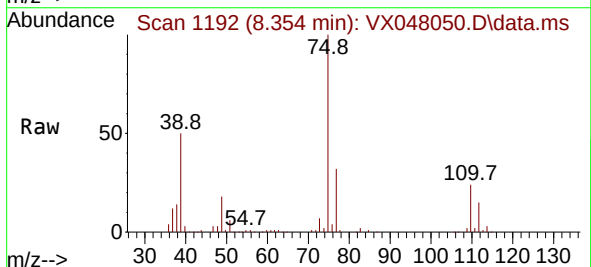
Tgt Ion: 75 Resp: 154231

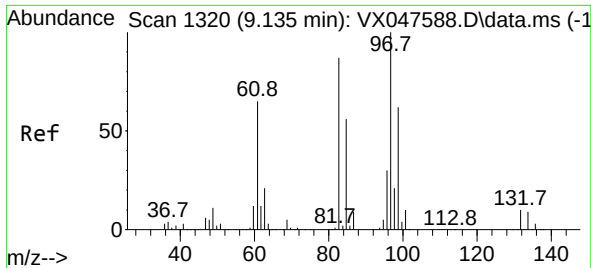
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

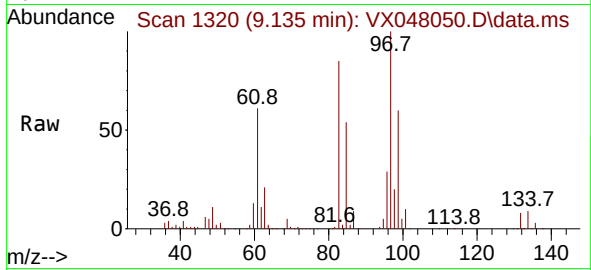
39 50.3 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 56.266 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

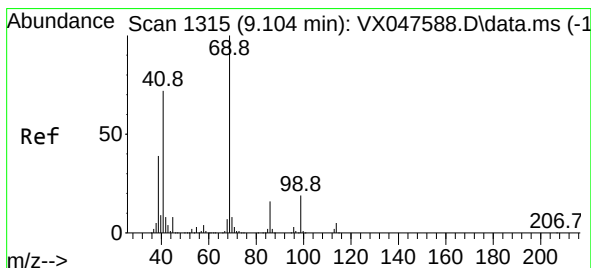
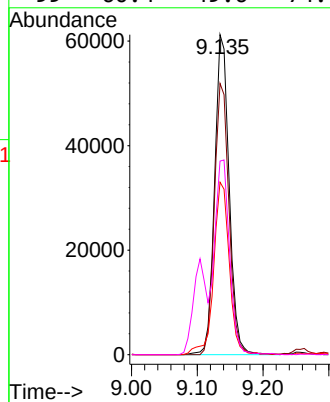
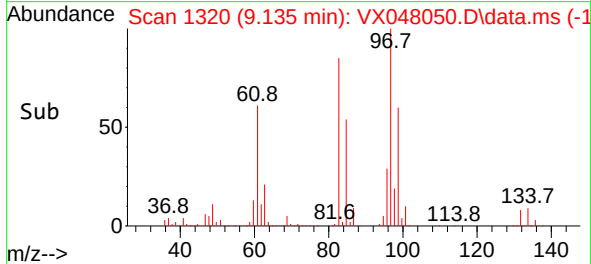


Tgt Ion: 97 Resp: 94278

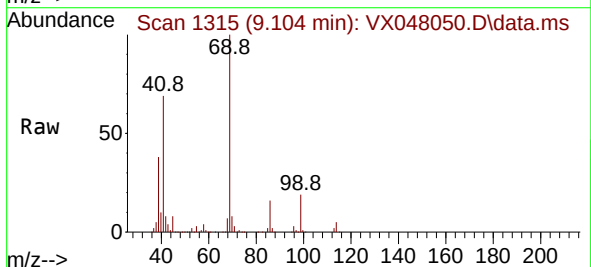
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.6	104.4
85	53.9	45.0	67.6
99	60.4	49.6	74.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

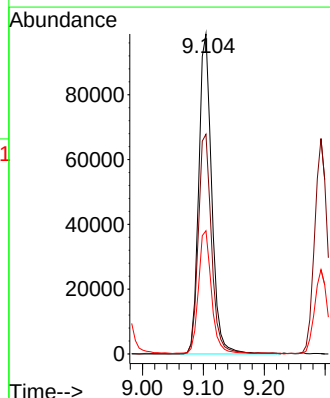
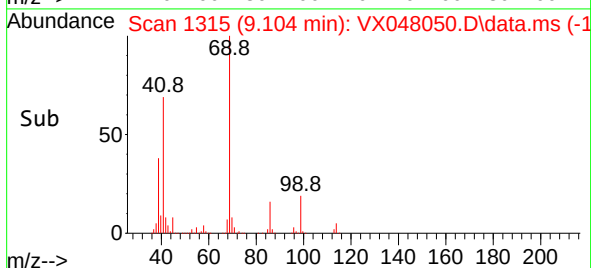


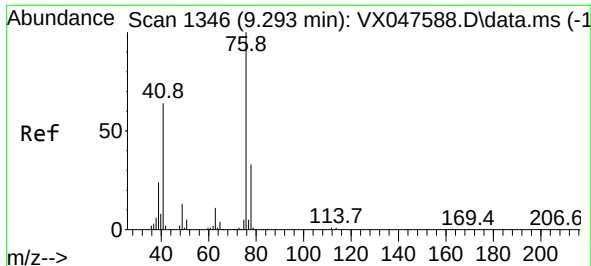
#56
Ethyl methacrylate
Concen: 55.582 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



Tgt Ion: 69 Resp: 146261

Ion	Ratio	Lower	Upper
69	100		
41	70.0	58.6	87.8
39	38.3	31.5	47.3





#57

1,3-Dichloropropane

Concen: 55.462 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 159640

Ion Ratio Lower Upper

76 100

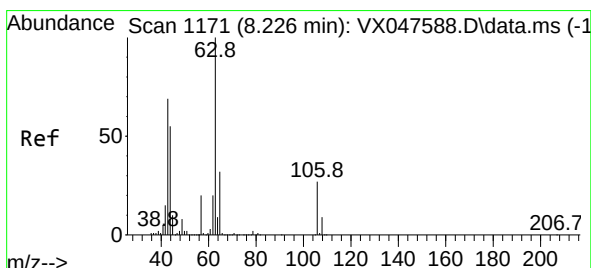
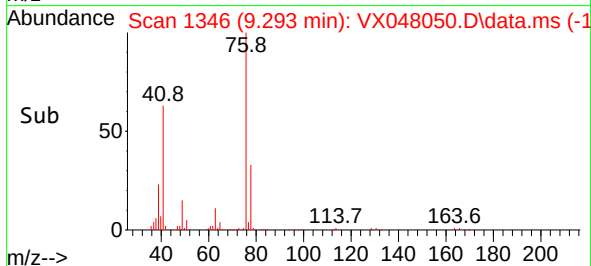
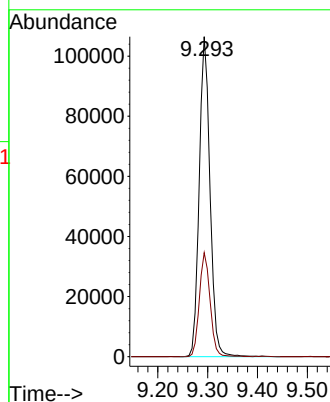
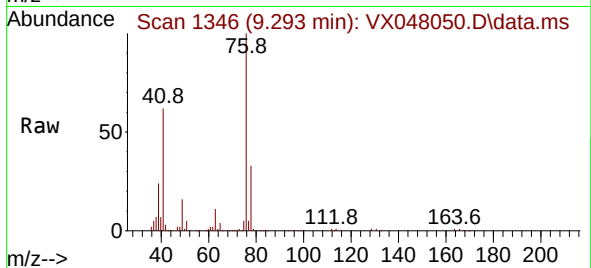
78 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 284.649 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048050.D

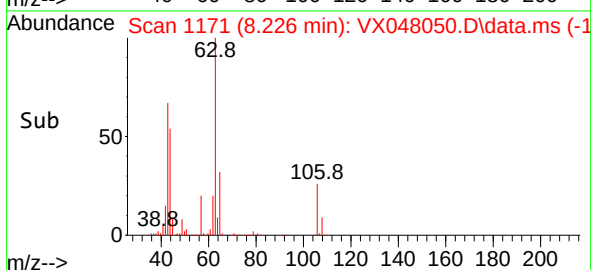
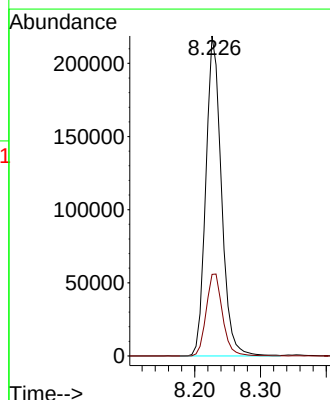
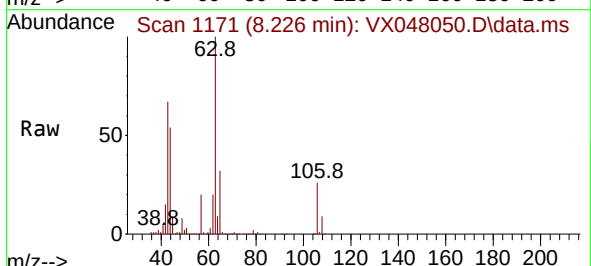
Acq: 07 Oct 2025 14:06

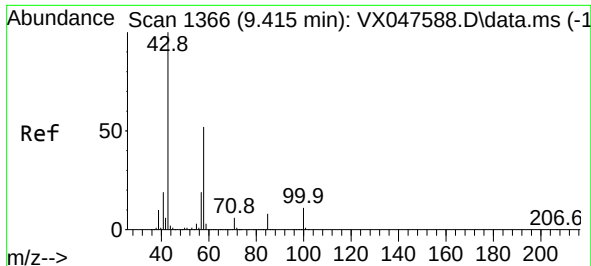
Tgt Ion: 63 Resp: 361172

Ion Ratio Lower Upper

63 100

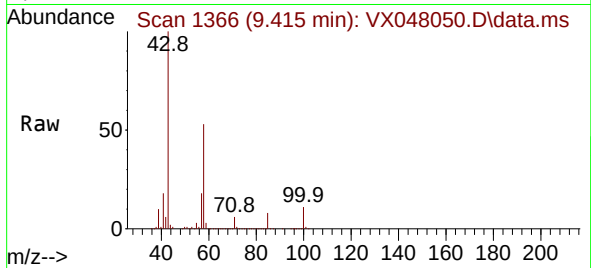
106 26.9 21.9 32.9





#59
2-Hexanone
Concen: 296.124 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

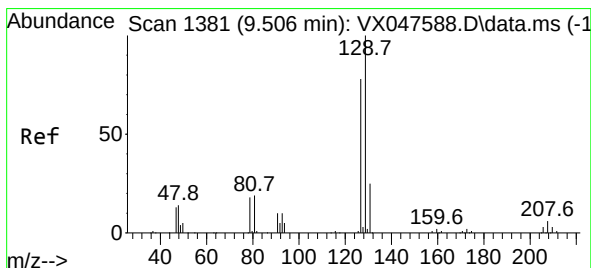
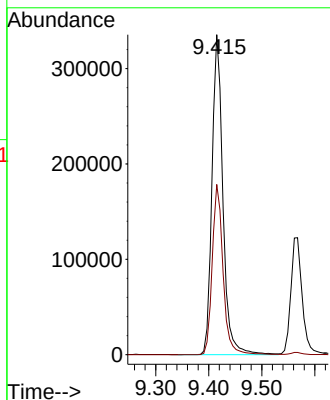
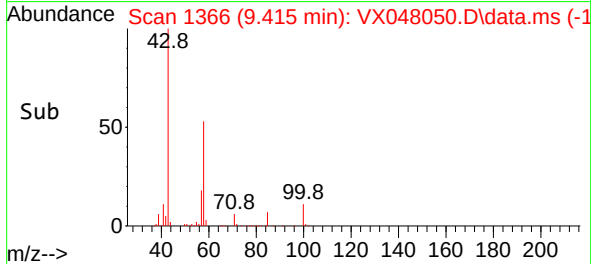
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 480858
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.2

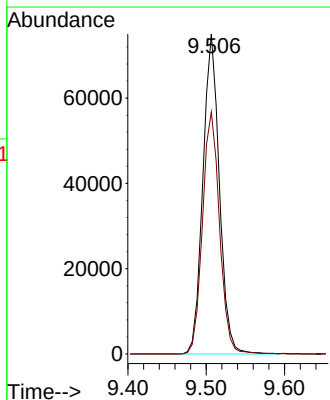
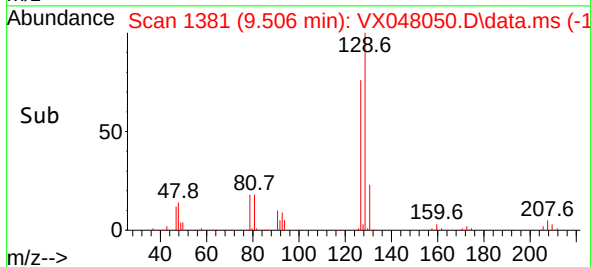
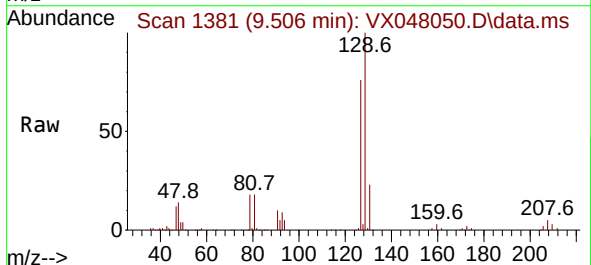
Manual Integrations
APPROVED

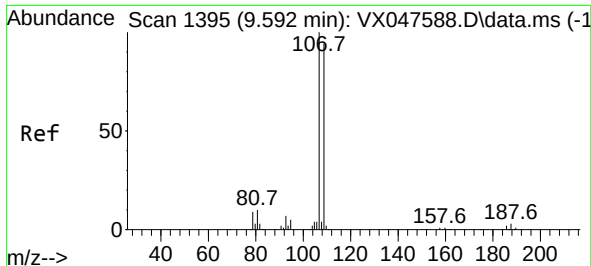
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#60
Dibromochloromethane
Concen: 56.702 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion:129 Resp: 109471
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





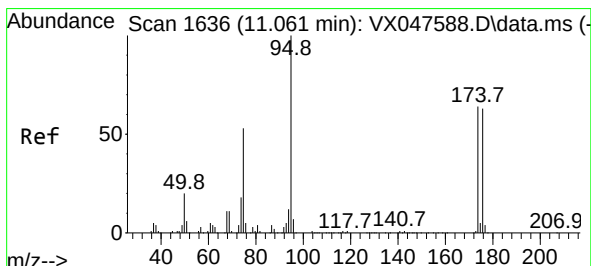
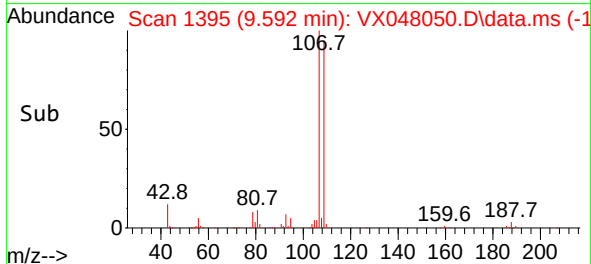
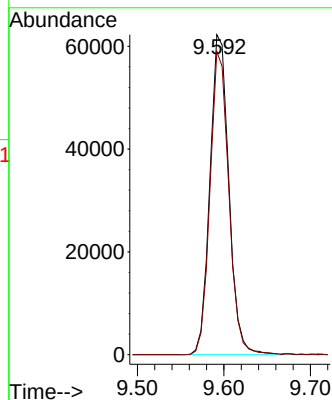
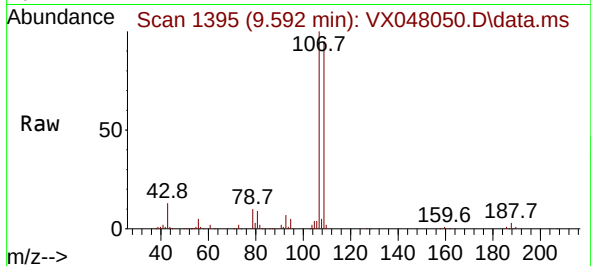
#61
1,2-Dibromoethane
Concen: 55.396 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 9454
Ion Ratio Lower Upper
107 100
109 94.4 75.3 112.9

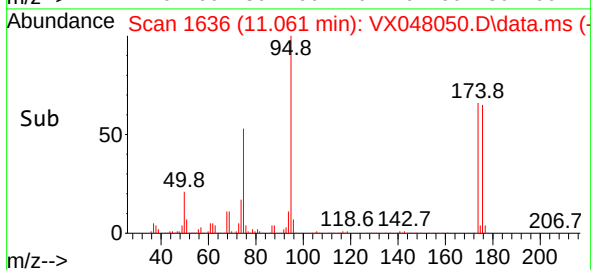
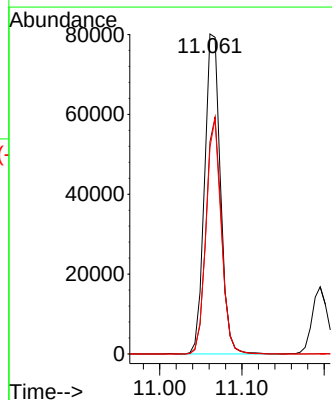
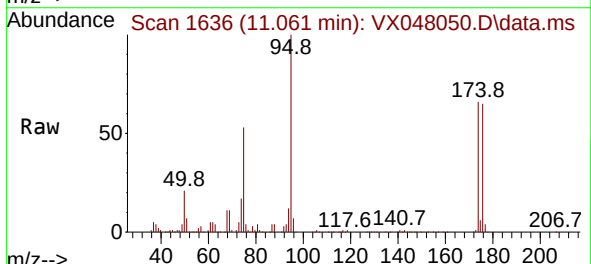
Manual Integrations
APPROVED

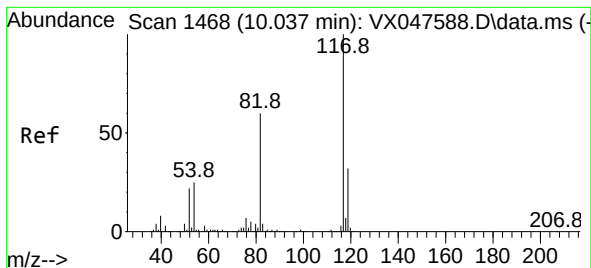
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#62
4-Bromofluorobenzene
Concen: 51.470 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

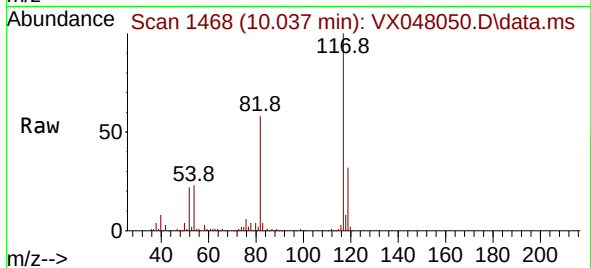
Tgt Ion: 95 Resp: 107417
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 70.1 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

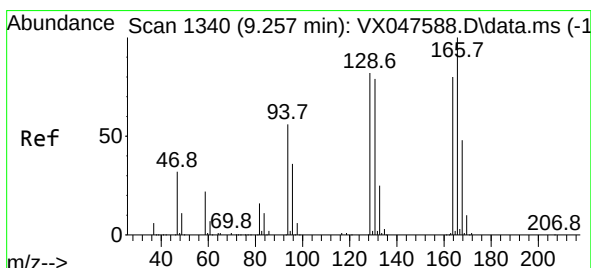
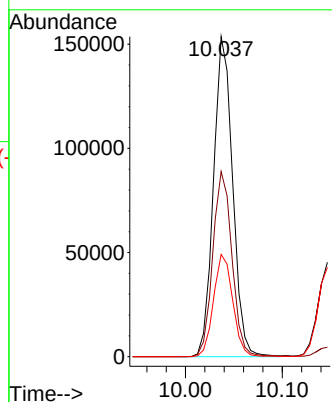
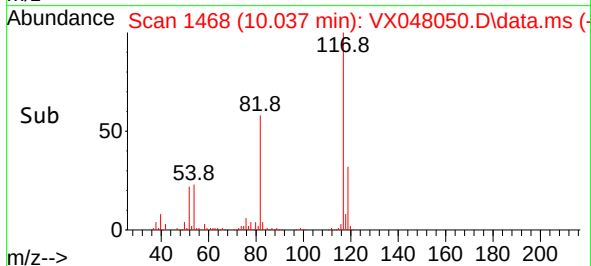
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 21136
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.0 25.2 37.8

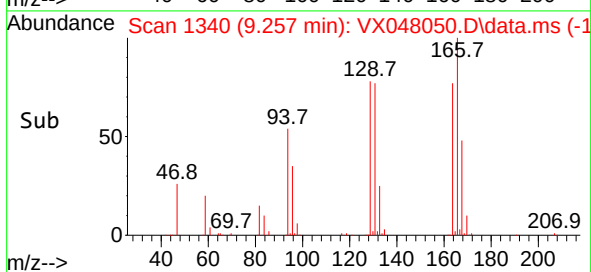
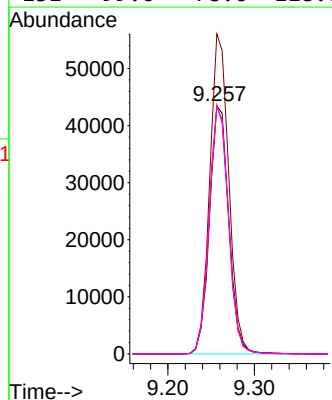
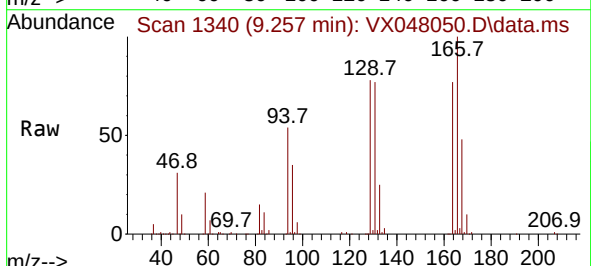
Manual Integrations
APPROVED

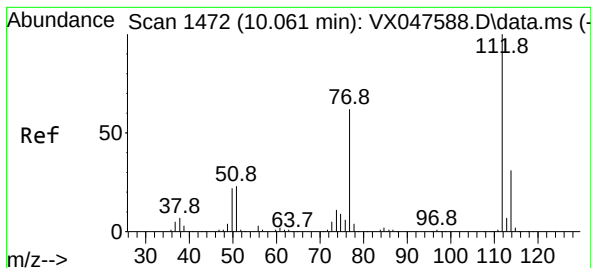
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#64
Tetrachloroethene
Concen: 48.881 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion:164 Resp: 67352
Ion Ratio Lower Upper
164 100
166 129.1 100.2 150.2
129 100.4 81.8 122.6
131 99.6 78.6 118.0





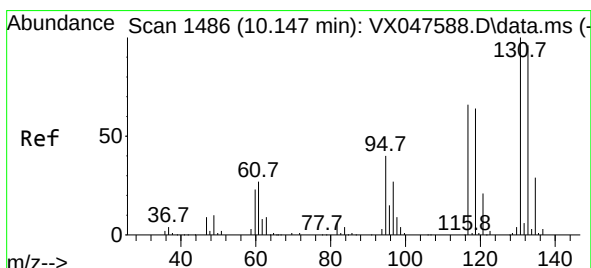
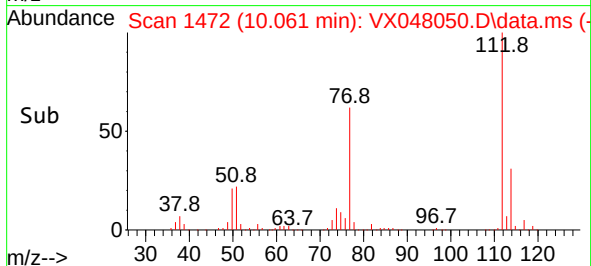
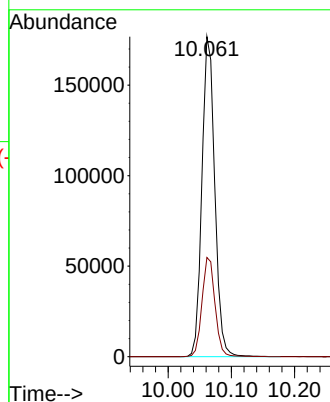
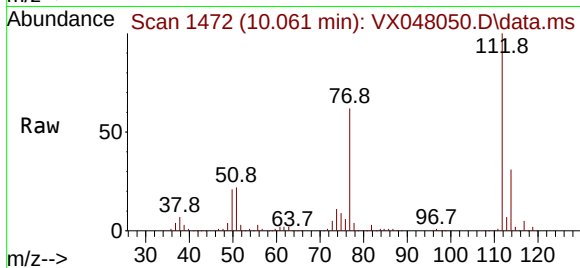
#65
Chlorobenzene
Concen: 52.139 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 25036
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

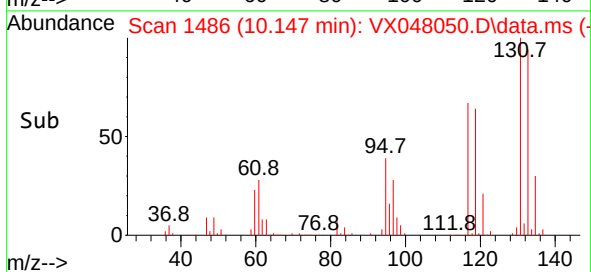
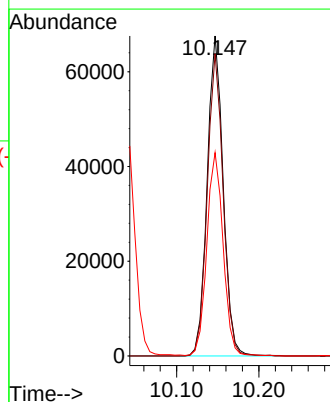
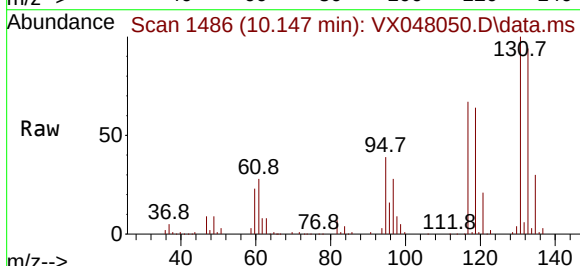
Manual Integrations
APPROVED

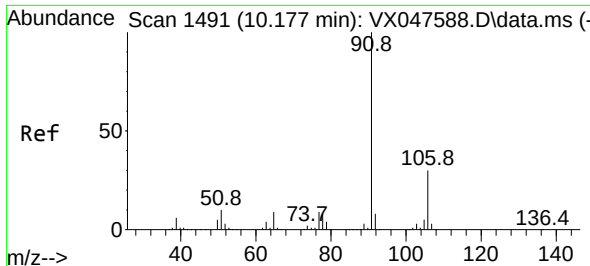
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 55.080 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

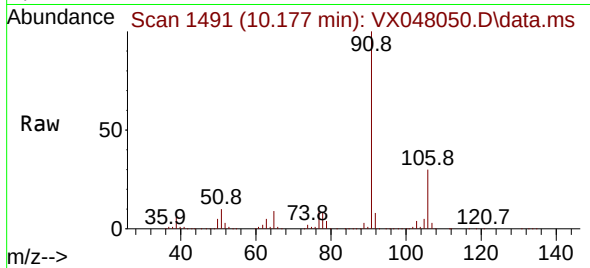
Tgt Ion:131 Resp: 91267
Ion Ratio Lower Upper
131 100
133 93.7 47.3 142.0
119 64.8 32.0 96.0





#67
Ethyl Benzene
Concen: 51.469 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

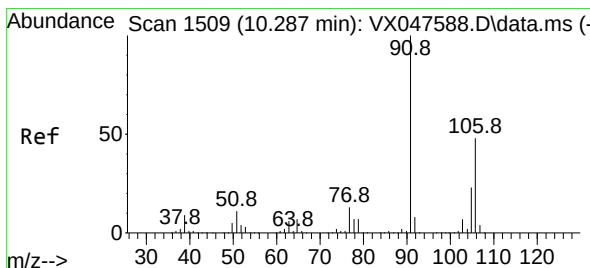
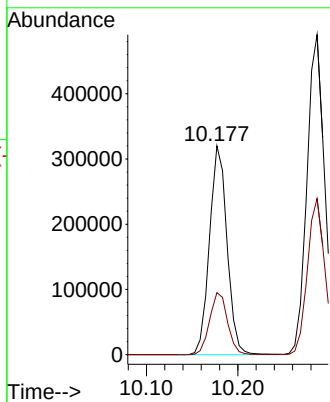
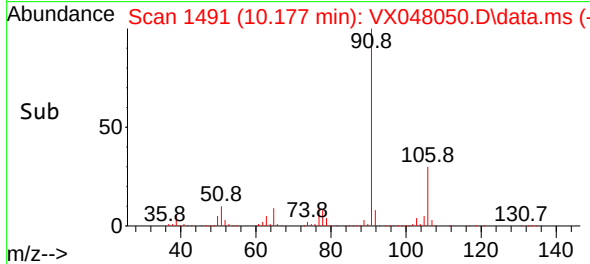
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



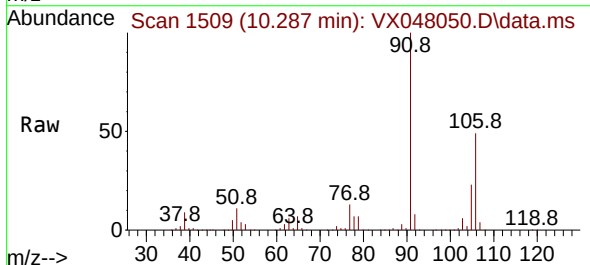
Tgt Ion: 91 Resp: 426433
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5

Manual Integrations
APPROVED

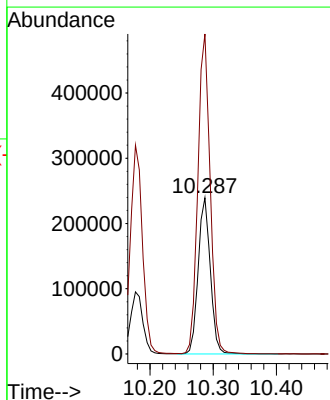
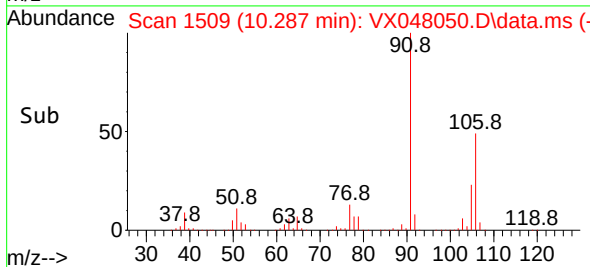
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

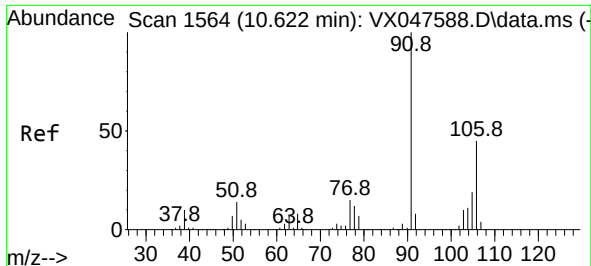


#68
m/p-Xylenes
Concen: 103.810 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



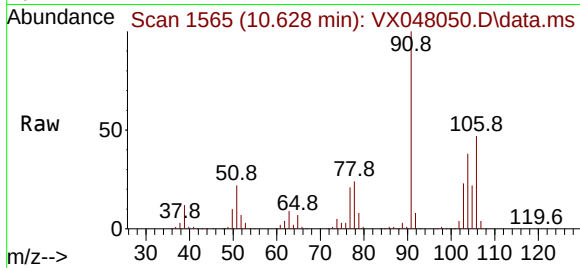
Tgt Ion:106 Resp: 320132
Ion Ratio Lower Upper
106 100
91 207.9 167.8 251.8





#69
o-Xylene
Concen: 52.554 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

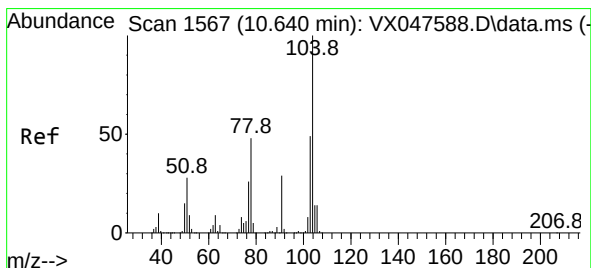
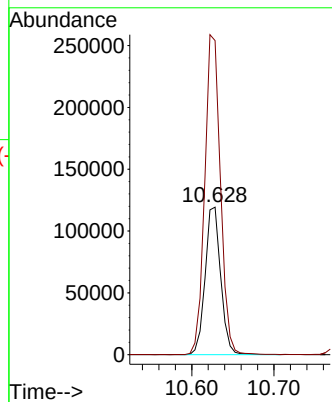
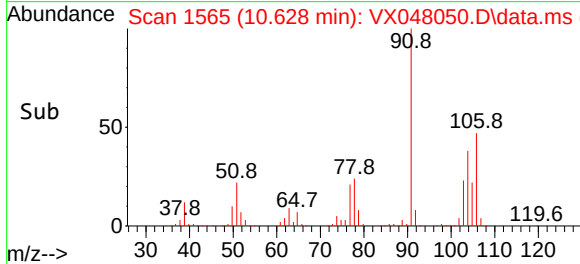
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 15675
Ion Ratio Lower Upper
106 100
91 219.5 111.1 333.4

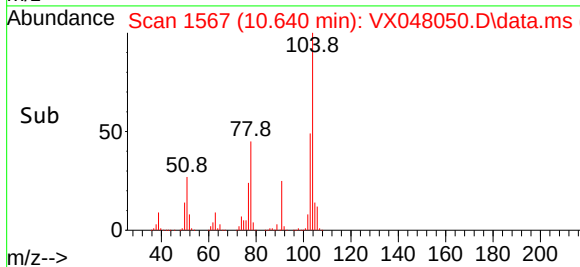
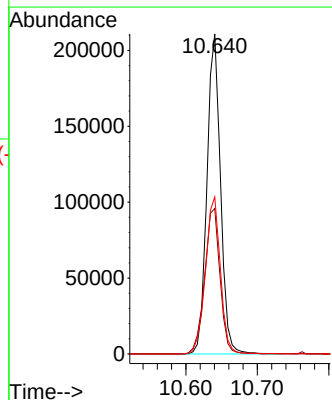
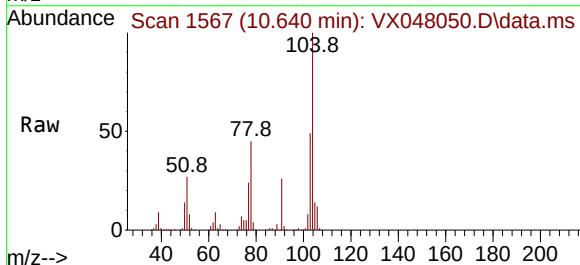
Manual Integrations
APPROVED

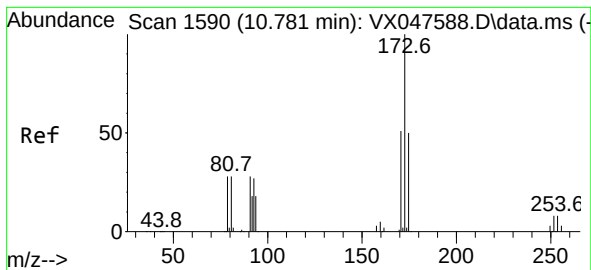
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#70
Styrene
Concen: 53.161 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

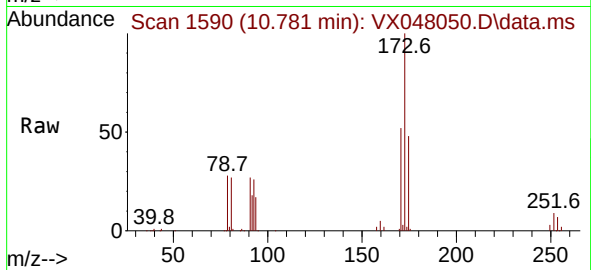
Tgt Ion:104 Resp: 277844
Ion Ratio Lower Upper
104 100
78 51.8 43.1 64.7
103 54.1 43.1 64.7





#71
Bromoform
Concen: 58.815 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

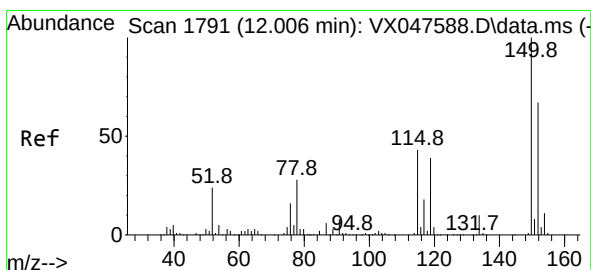
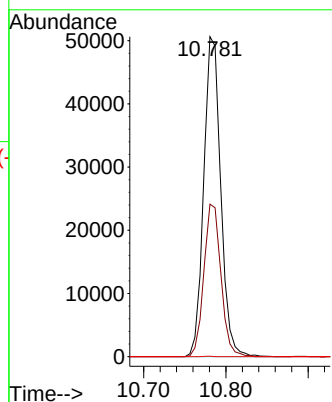
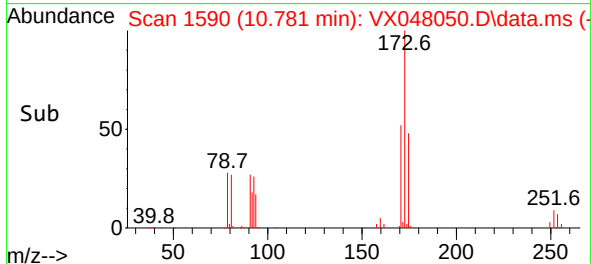
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 72770
Ion Ratio Lower Upper
173 100
175 47.9 24.9 74.6
254 0.1 0.1 0.1

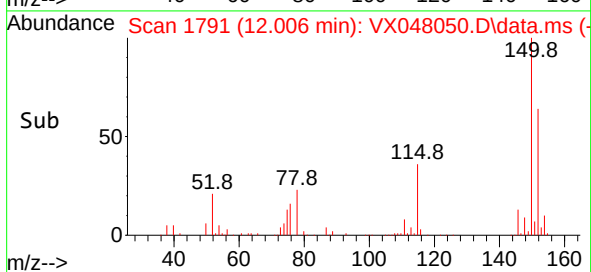
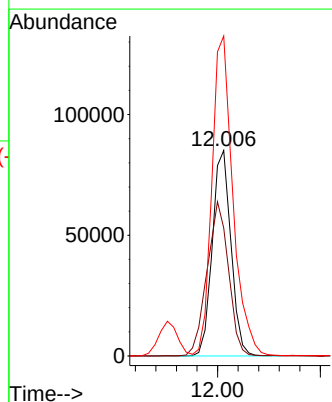
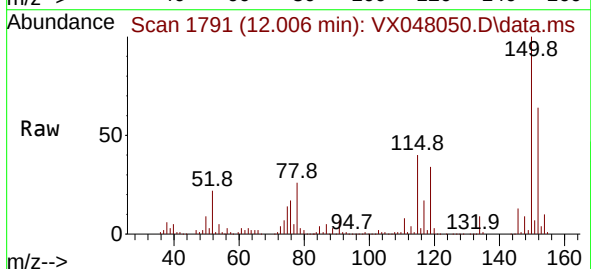
Manual Integrations
APPROVED

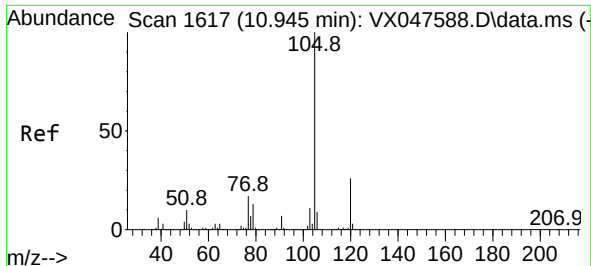
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

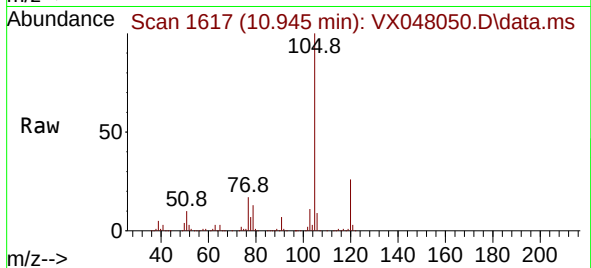
Tgt Ion:152 Resp: 107321
Ion Ratio Lower Upper
152 100
115 86.6 44.9 134.5
150 174.8 0.0 352.0





#73
Isopropylbenzene
Concen: 49.592 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

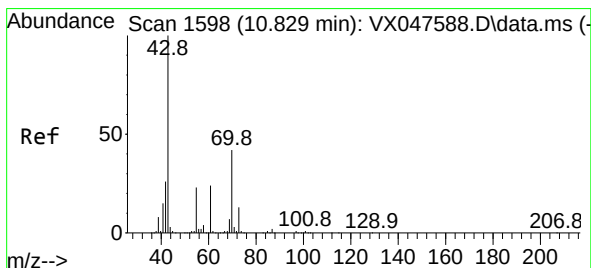
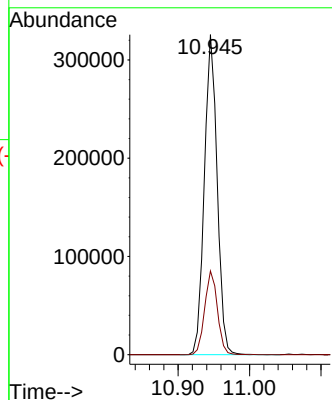
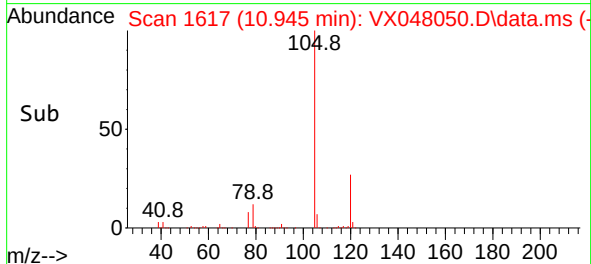
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 404629
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

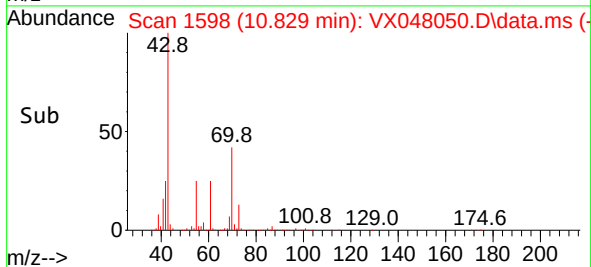
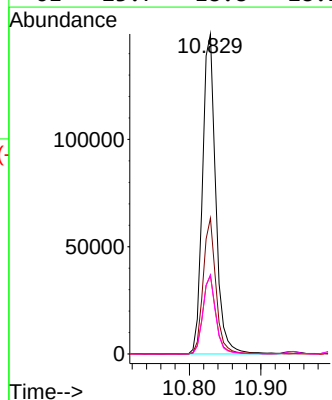
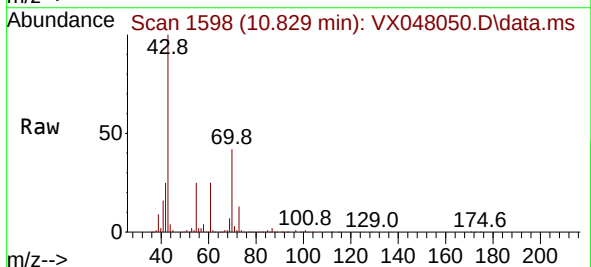
Manual Integrations
APPROVED

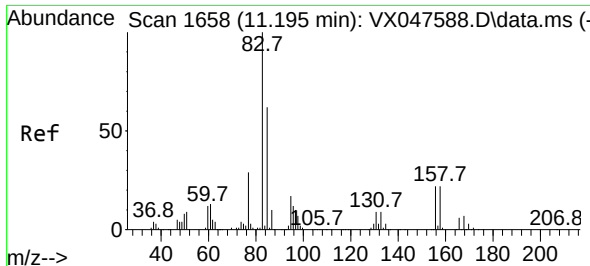
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#74
N-ethyl acetate
Concen: 51.634 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

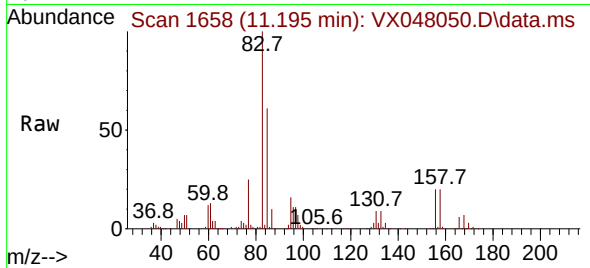
Tgt Ion: 43 Resp: 192116
Ion Ratio Lower Upper
43 100
70 40.9 32.0 48.0
55 24.4 18.9 28.3
61 23.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.641 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

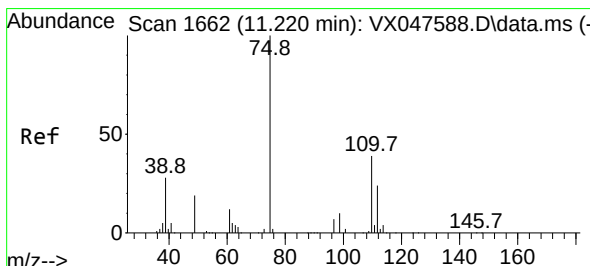
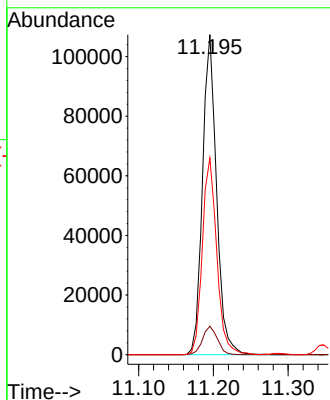
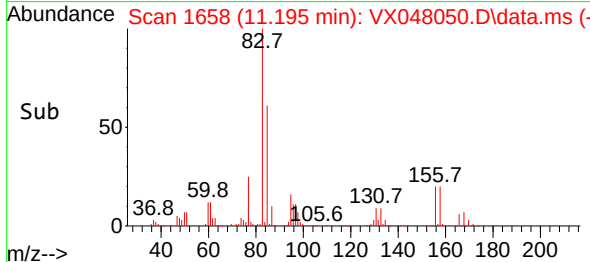
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 139823
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.3 31.6 95.0

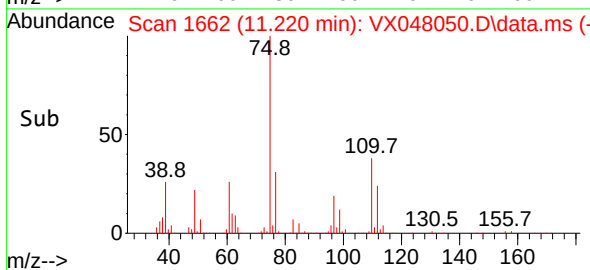
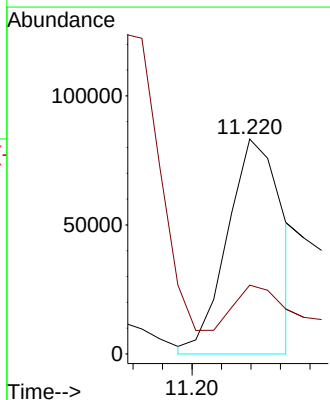
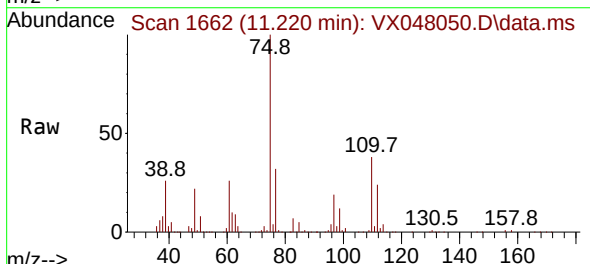
Manual Integrations
APPROVED

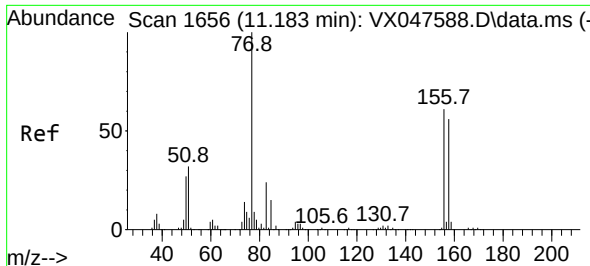
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#76
1,2,3-Trichloropropane
Concen: 49.075 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

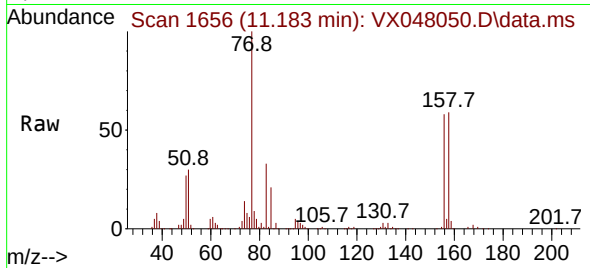
Tgt Ion: 75 Resp: 106636
Ion Ratio Lower Upper
75 100
77 43.2 18.8 56.4





#77
Bromobenzene
Concen: 48.746 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

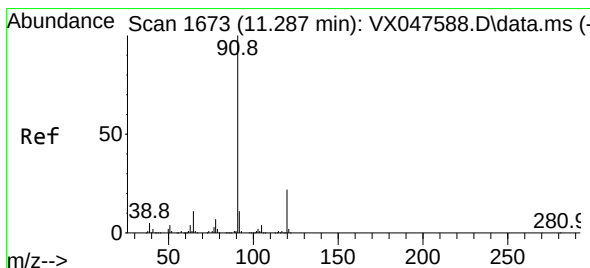
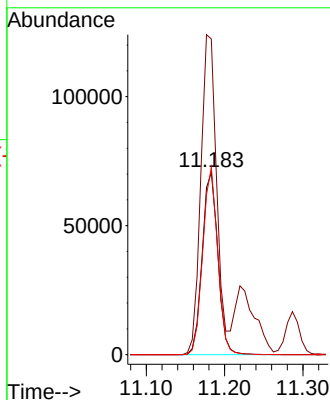
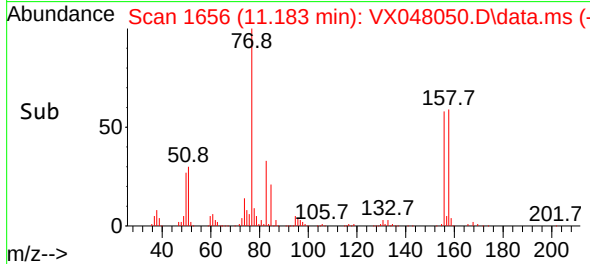
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 97958
Ion Ratio Lower Upper
156 100
77 175.6 89.7 269.1
158 98.3 47.9 143.6

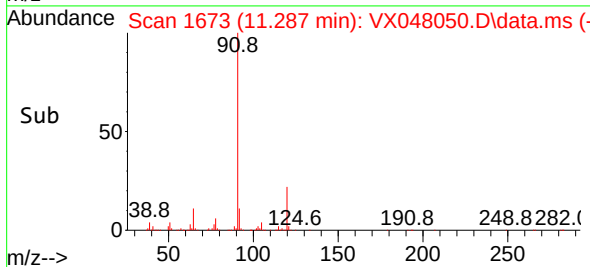
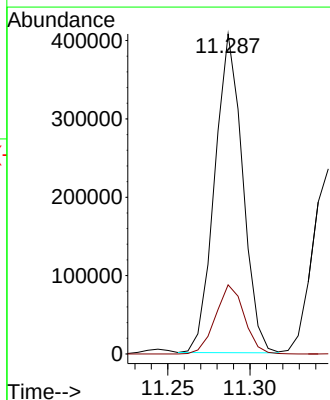
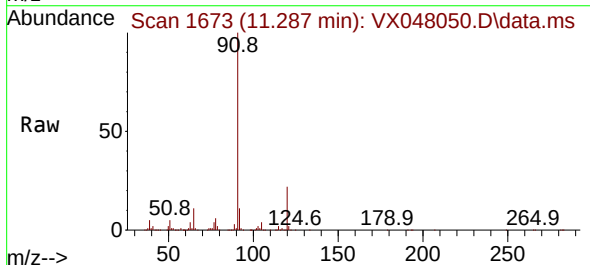
Manual Integrations
APPROVED

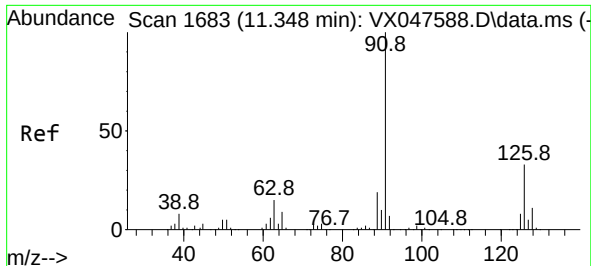
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#78
n-propylbenzene
Concen: 49.794 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

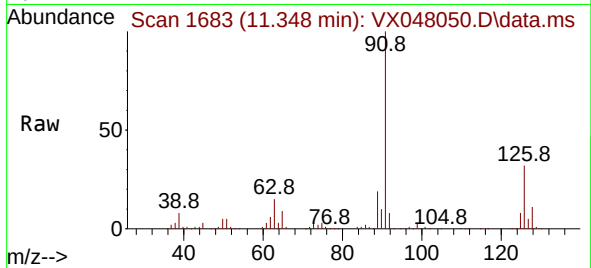
Tgt Ion: 91 Resp: 480273
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79
2-Chlorotoluene
Concen: 49.591 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

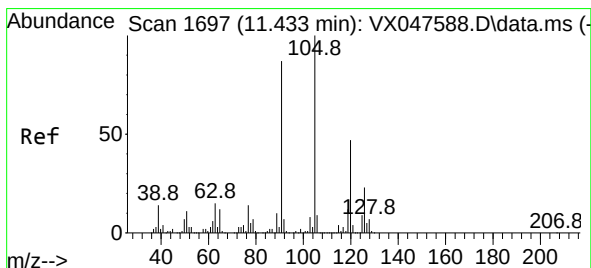
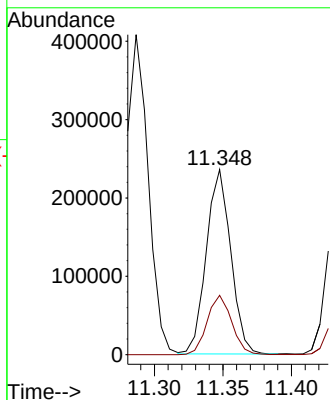
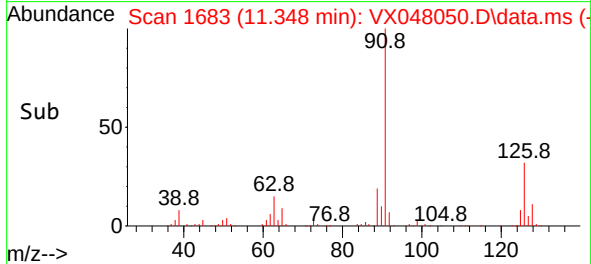
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



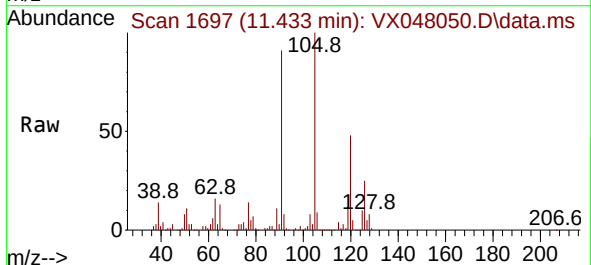
Tgt Ion: 91 Resp: 292960
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3

Manual Integrations
APPROVED

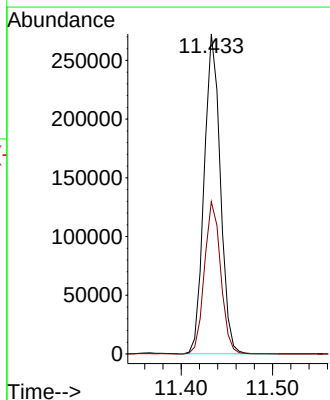
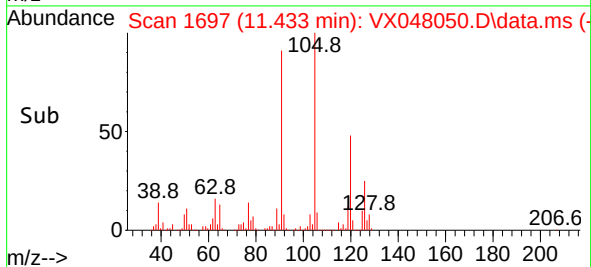
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

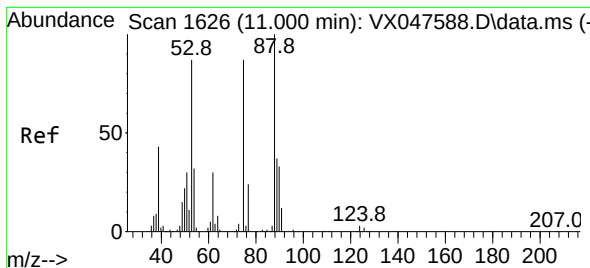


#80
1,3,5-Trimethylbenzene
Concen: 49.679 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



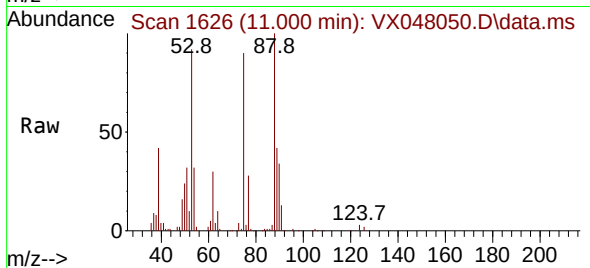
Tgt Ion:105 Resp: 333024
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.606 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

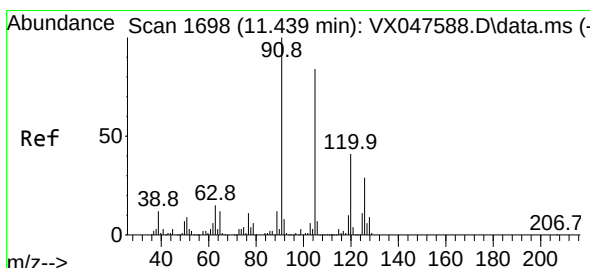
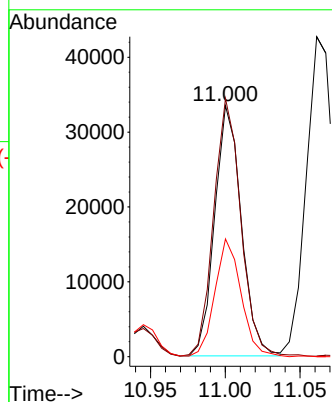
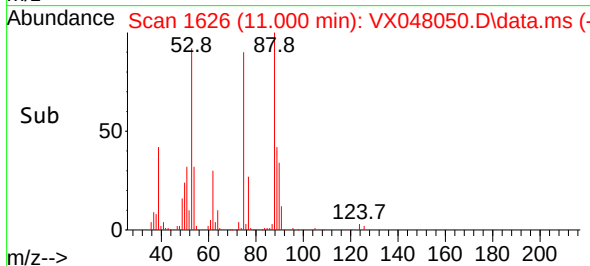
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 41410
Ion Ratio Lower Upper
75 100
53 105.1 83.4 125.2
89 46.3 36.3 54.5

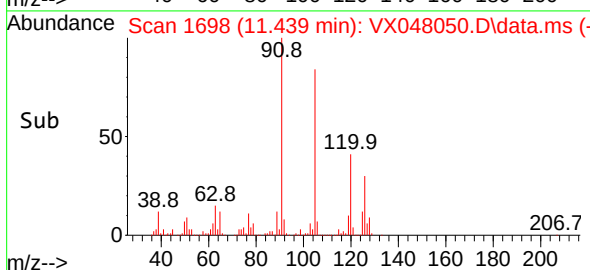
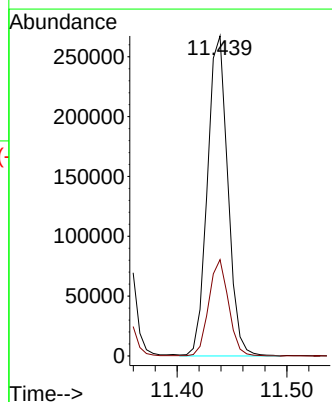
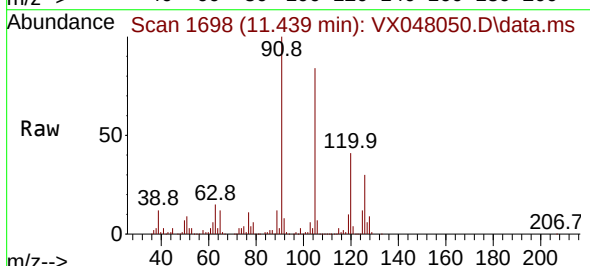
Manual Integrations
APPROVED

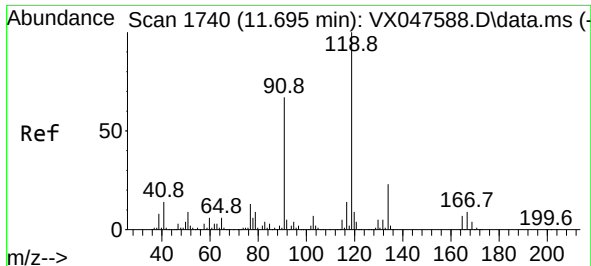
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#82
4-Chlorotoluene
Concen: 49.562 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

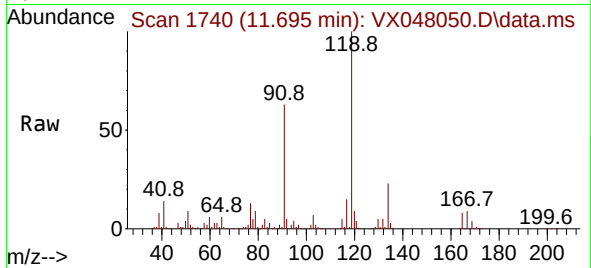
Tgt Ion: 91 Resp: 345796
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.174 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

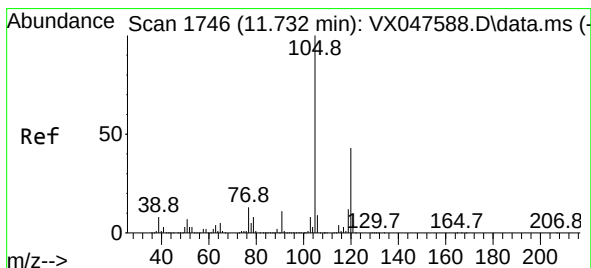
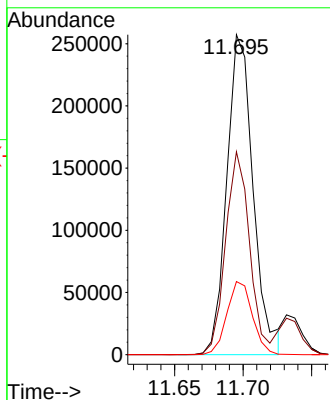
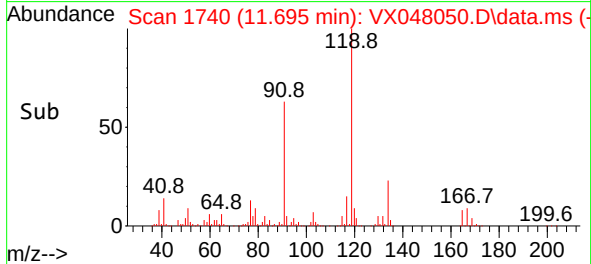
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



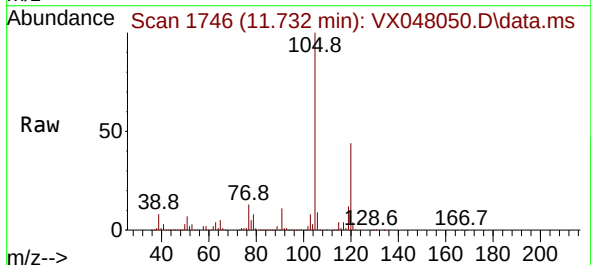
Tgt Ion:119 Resp: 344300
Ion Ratio Lower Upper
119 100
91 58.0 29.6 88.8
134 22.2 11.0 33.0

Manual Integrations
APPROVED

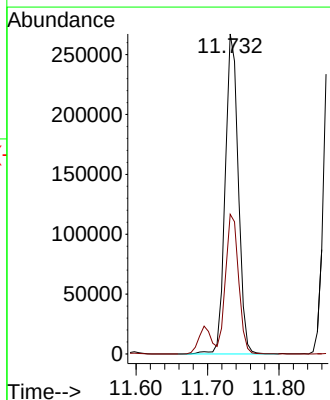
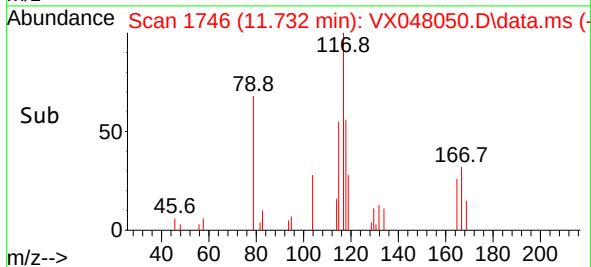
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

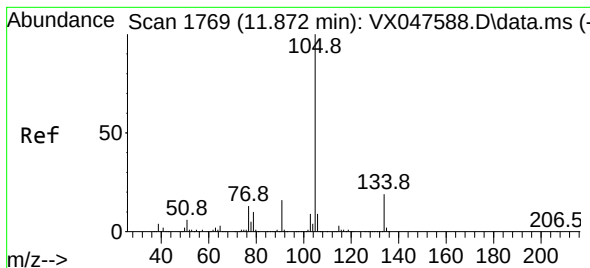


#84
1,2,4-Trimethylbenzene
Concen: 49.825 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



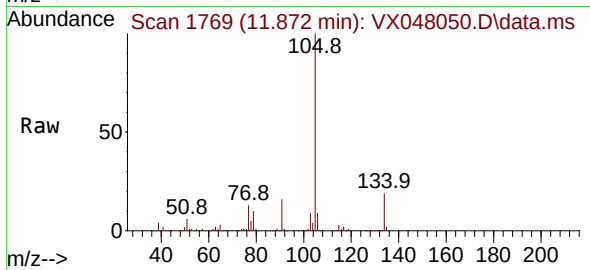
Tgt Ion:105 Resp: 338627
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1





#85
sec-Butylbenzene
Concen: 50.418 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

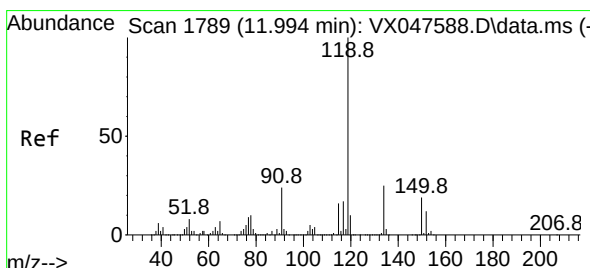
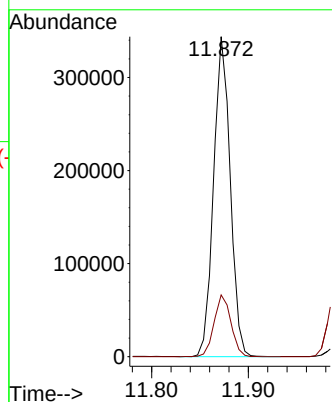
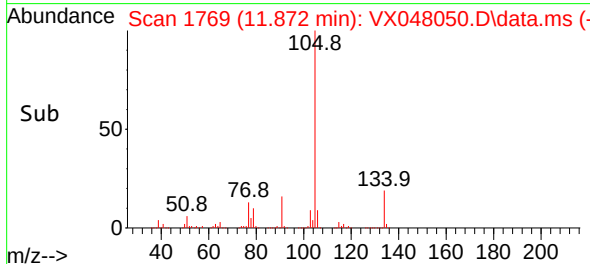
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



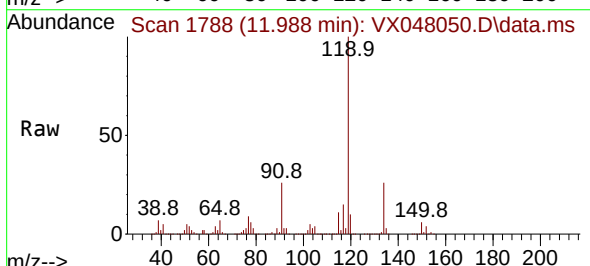
Tgt Ion:105 Resp: 41095
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.5

Manual Integrations
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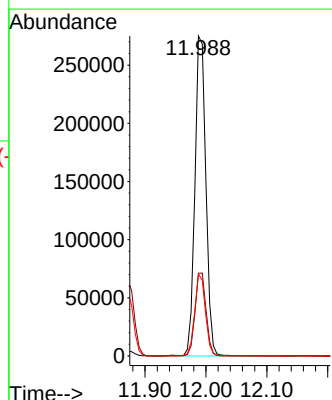
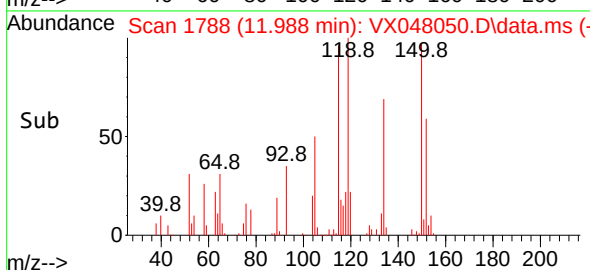
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

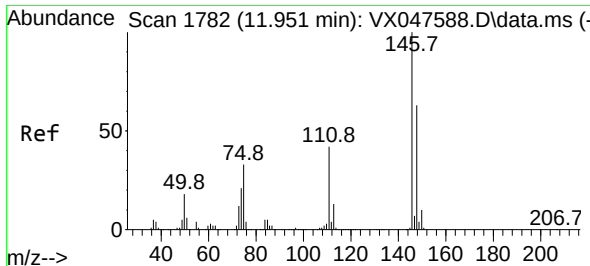


#86
p-Isopropyltoluene
Concen: 49.640 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



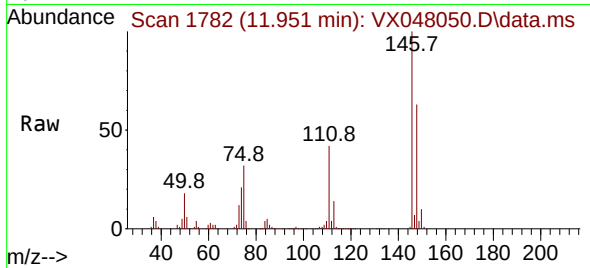
Tgt Ion:119 Resp: 342548
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.8
91 25.1 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 49.766 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

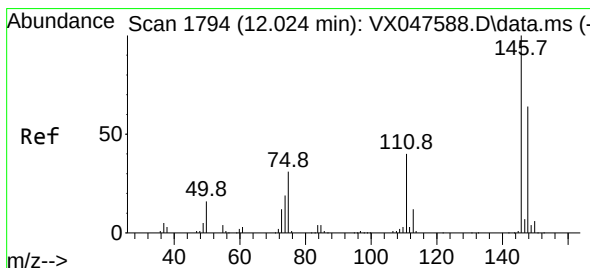
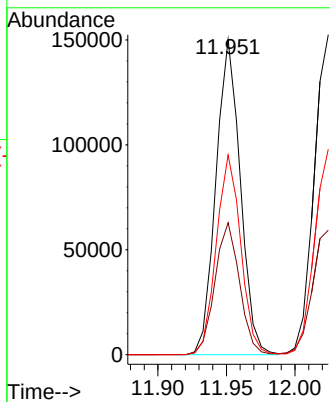
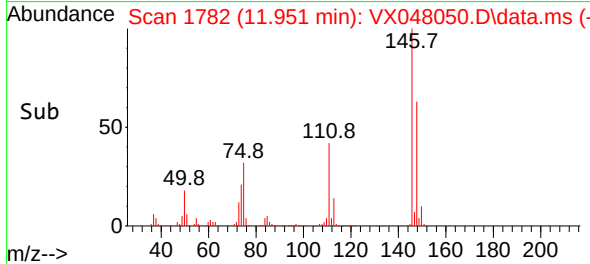
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



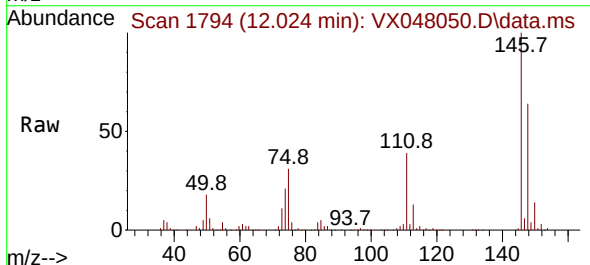
Tgt Ion:146 Resp: 185750
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 63.5 32.0 96.0

Manual Integrations
APPROVED

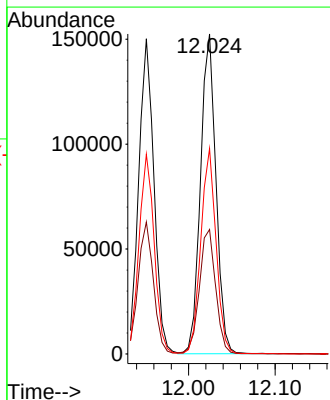
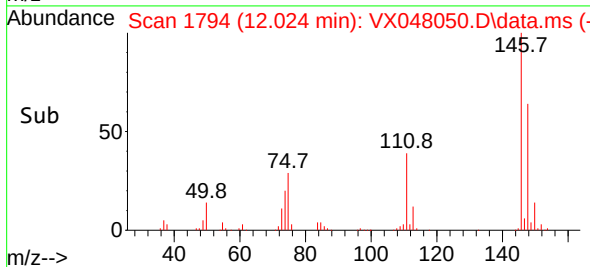
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

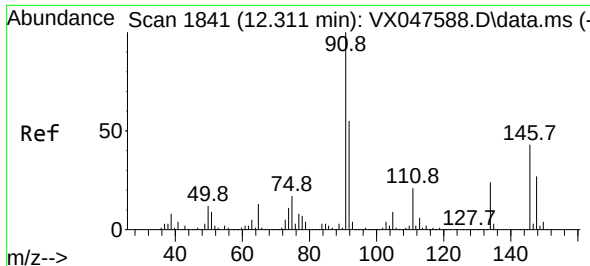


#88
1,4-Dichlorobenzene
Concen: 49.371 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06



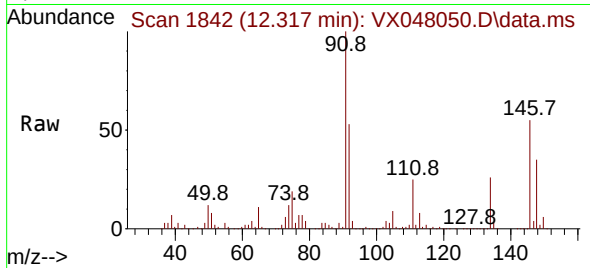
Tgt Ion:146 Resp: 189138
Ion Ratio Lower Upper
146 100
111 40.8 20.8 62.4
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 49.858 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

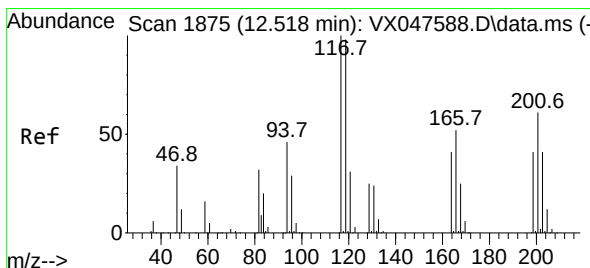
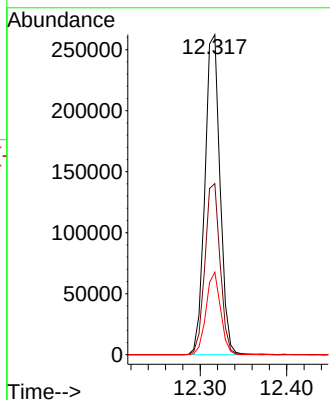
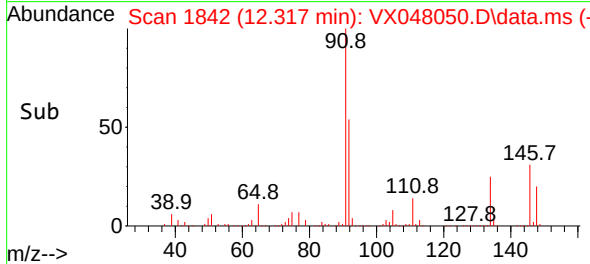
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 318354
Ion Ratio Lower Upper
91 100
92 53.7 27.6 82.7
134 24.8 12.6 37.8

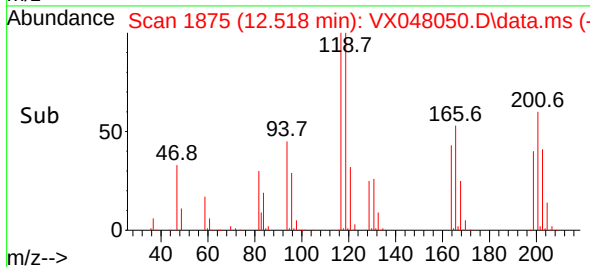
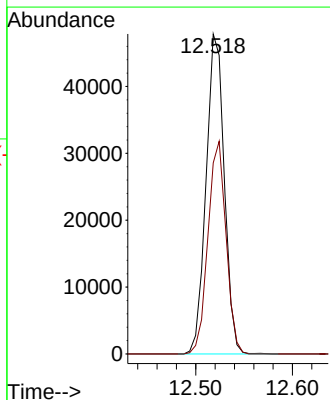
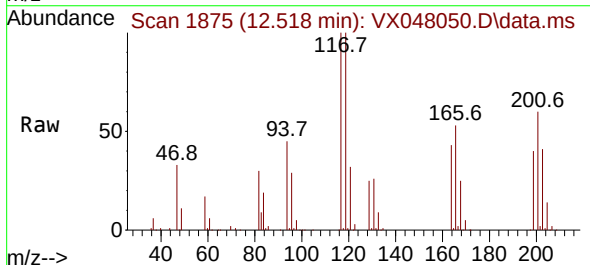
Manual Integrations
APPROVED

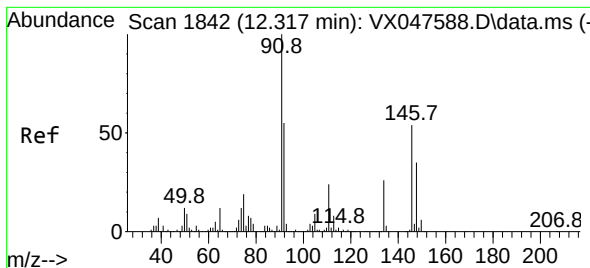
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#90
Hexachloroethane
Concen: 51.802 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

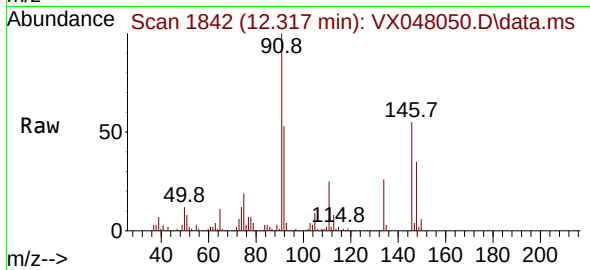
Tgt Ion:117 Resp: 62760
Ion Ratio Lower Upper
117 100
201 65.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.546 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

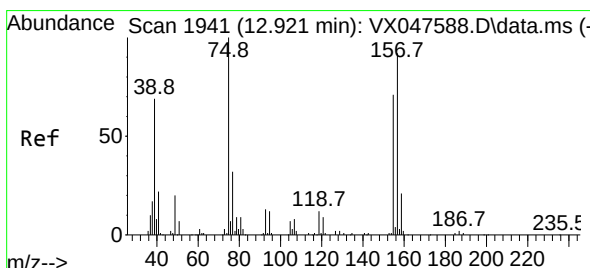
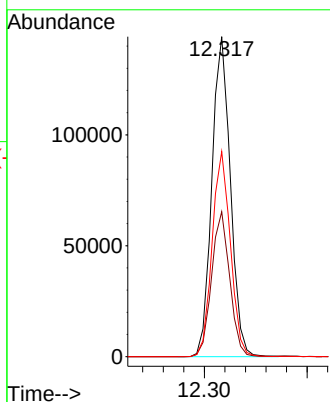
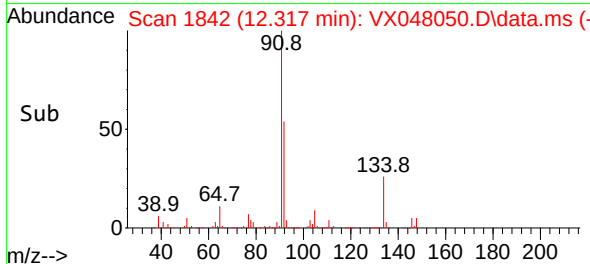
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 17974
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 63.3 31.8 95.4

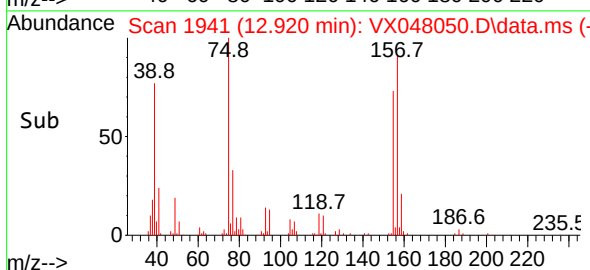
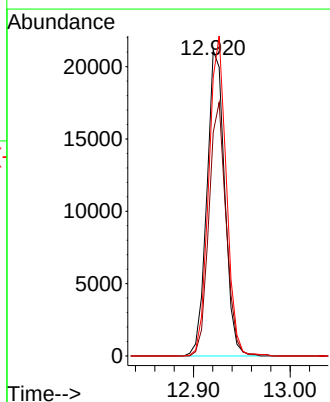
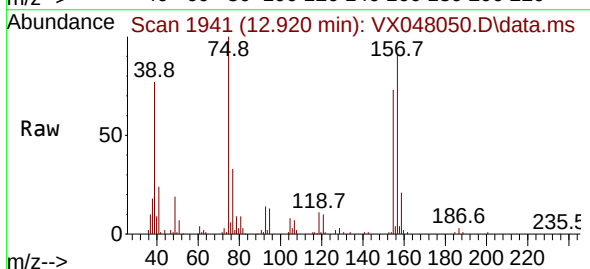
Manual Integrations
APPROVED

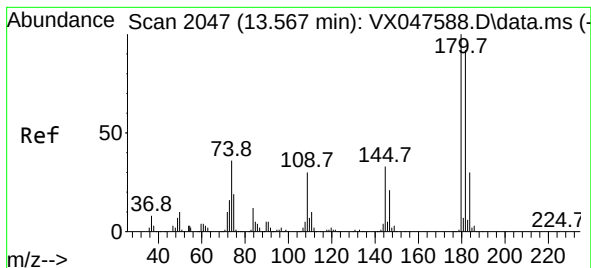
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.028 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048050.D
Acq: 07 Oct 2025 14:06

Tgt Ion: 75 Resp: 27003
Ion Ratio Lower Upper
75 100
155 80.1 37.7 113.1
157 103.2 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.285 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

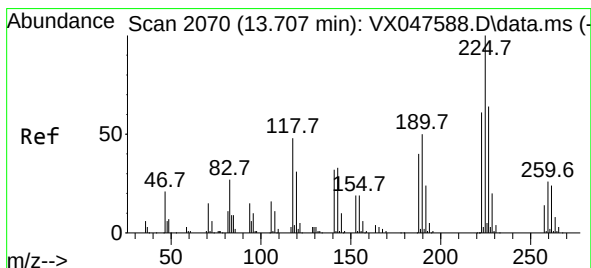
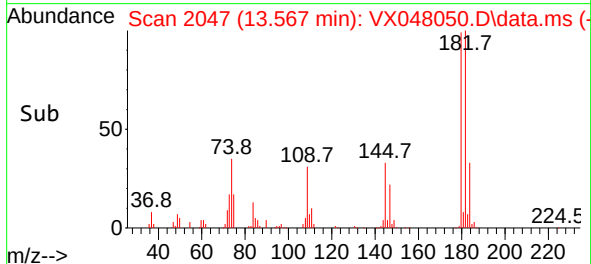
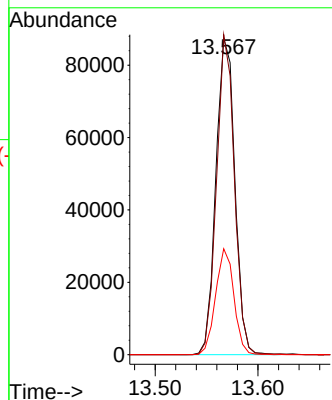
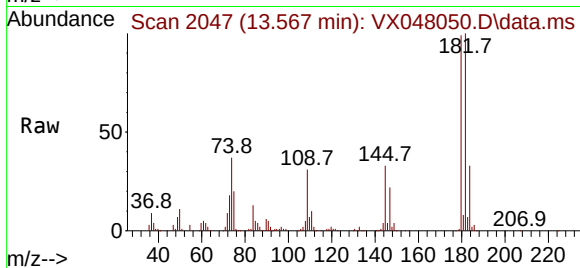
Tgt Ion:180	Resp:	11159
Ion Ratio	Lower	Upper
180	100	
182	95.4	46.6 139.8
145	32.4	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#94

Hexachlorobutadiene

Concen: 48.890 ug/l

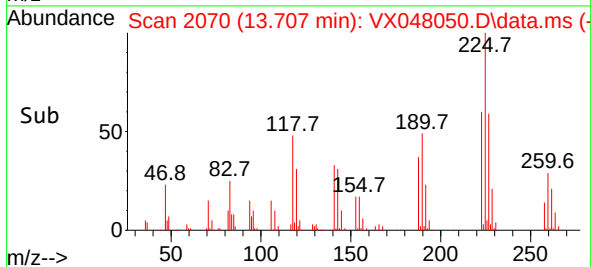
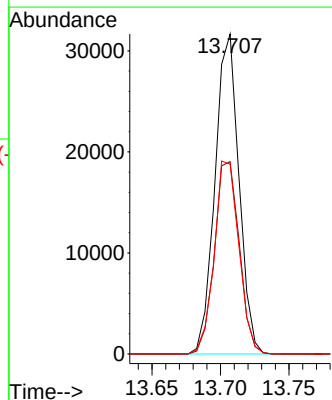
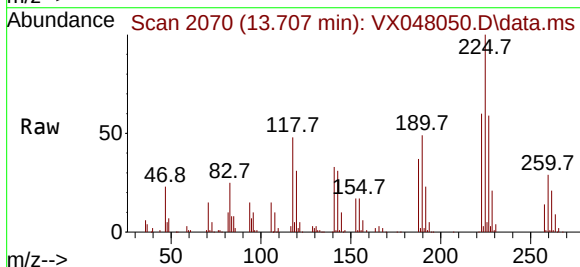
RT: 13.707 min Scan# 2070

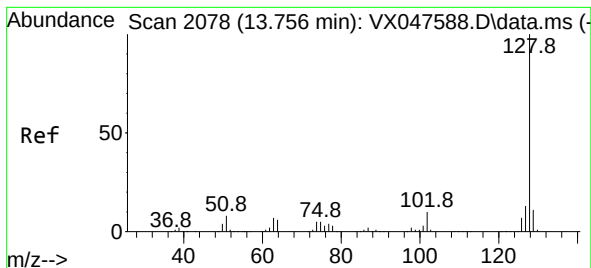
Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Tgt Ion:225	Resp:	38379
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.7 95.1
227	62.0	32.0 96.0





#95

Naphthalene

Concen: 51.970 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

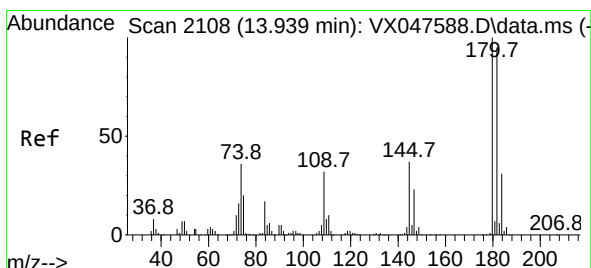
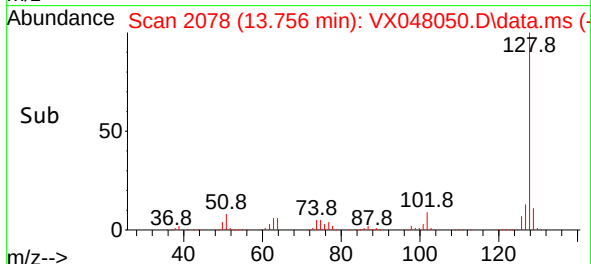
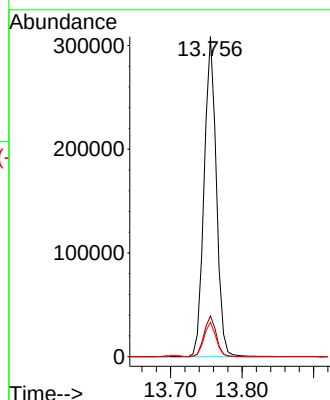
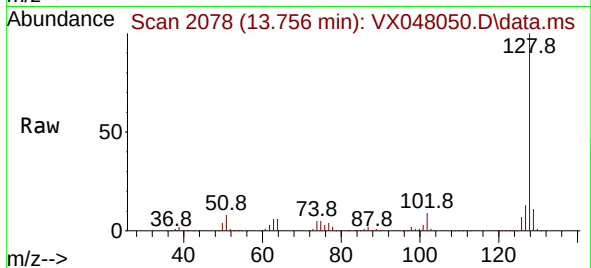
Tgt Ion:128 Resp: 365739
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.412 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048050.D

Acq: 07 Oct 2025 14:06

Tgt Ion:180 Resp: 110528
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.8
 145 33.8 17.9 53.7

