

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048766.D
 Acq On : 08 Dec 2025 19:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2025
 Supervised By : Mahesh Dadoda 12/09/2025

Quant Time: Dec 09 04:16:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	148950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	232893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	162972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	83975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	104705	52.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.367	113	71673	44.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.400%			
50) Toluene-d8	8.634	98	215725	38.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 76.760%#			
62) 4-Bromofluorobenzene	11.061	95	74728	38.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 77.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	84333	55.569	ug/l	100
3) Chloromethane	1.300	50	83432	43.566	ug/l	99
4) Vinyl Chloride	1.380	62	92670	45.436	ug/l	99
5) Bromomethane	1.611	94	65155	51.693	ug/l	96
6) Chloroethane	1.697	64	59026	46.500	ug/l	99
7) Trichlorofluoromethane	1.898	101	151618	51.867	ug/l	97
8) Diethyl Ether	2.136	74	55434	47.511	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	83861	49.486	ug/l	98
10) Methyl Iodide	2.459	142	113765	47.155	ug/l	94
11) Tert butyl alcohol	2.946	59	79977	247.785	ug/l	98
12) 1,1-Dichloroethene	2.325	96	80303	46.428	ug/l	94
13) Acrolein	2.233	56	93315	291.496	ug/l	98
14) Allyl chloride	2.666	41	149462	51.470	ug/l	91
15) Acrylonitrile	3.062	53	264109	262.605	ug/l	99
16) Acetone	2.373	43	277997	363.239	ug/l	96
17) Carbon Disulfide	2.520	76	225880	44.970	ug/l	99
18) Methyl Acetate	2.696	43	120029	55.741	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	308941	54.884	ug/l	99
20) Methylene Chloride	2.788	84	81994	42.862	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	90100	51.040	ug/l	96
22) Diisopropyl ether	3.751	45	312412	57.565	ug/l	96
23) Vinyl Acetate	3.715	43	1390572	304.939	ug/l	96
24) 1,1-Dichloroethane	3.605	63	167527	55.355	ug/l	98
25) 2-Butanone	4.538	43	343966	304.516	ug/l	93
26) 2,2-Dichloropropane	4.471	77	124224	46.389	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	90284	45.323	ug/l	92
28) Bromochloromethane	4.885	49	65051	43.853	ug/l #	81
29) Tetrahydrofuran	4.989	42	227690	263.989	ug/l	91
30) Chloroform	5.086	83	155740	48.026	ug/l	98
31) Cyclohexane	5.464	56	145425	53.820	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	146286	50.347	ug/l	96
36) 1,1-Dichloropropene	5.678	75	121037	55.109	ug/l	97
37) Ethyl Acetate	4.696	43	167971	64.004	ug/l	96
38) Carbon Tetrachloride	5.672	117	137300	55.190	ug/l	93
39) Methylcyclohexane	7.366	83	137145	52.808	ug/l	97
40) Benzene	6.025	78	355801	54.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	70249	58.832	ug/l	94
42) 1,2-Dichloroethane	6.074	62	136247	59.124	ug/l	96
43) Isopropyl Acetate	6.324	43	244369	61.494	ug/l	95
44) Trichloroethene	7.110	130	88201	51.918	ug/l	97
45) 1,2-Dichloropropane	7.415	63	87767	53.933	ug/l	99
46) Dibromomethane	7.568	93	66009	53.489	ug/l	97
47) Bromodichloromethane	7.805	83	137041	53.263	ug/l	98
48) Methyl methacrylate	7.677	41	117362	58.710	ug/l	91
49) 1,4-Dioxane	7.647	88	28640	1041.737	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	676958	274.452	ug/l	96
52) Toluene	8.701	92	166662	42.449	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	106602	43.551	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	126994	48.275	ug/l #	91
55) 1,1,2-Trichloroethane	9.134	97	66956	42.385	ug/l	96
56) Ethyl methacrylate	9.098	69	111292	45.010	ug/l #	93
57) 1,3-Dichloropropane	9.293	76	111272	42.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	383547	286.998	ug/l	97
59) 2-Hexanone	9.415	43	439158	253.630	ug/l	96
60) Dibromochloromethane	9.506	129	84174	43.092	ug/l	100
61) 1,2-Dibromoethane	9.592	107	72844	42.606	ug/l	99
64) Tetrachloroethene	9.256	164	59580	50.155	ug/l	98
65) Chlorobenzene	10.061	112	185773	52.077	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.146	131	67560	52.950	ug/l	98
67) Ethyl Benzene	10.177	91	322405	55.386	ug/l	99
68) m/p-Xylenes	10.287	106	246039	108.507	ug/l	99
69) o-Xylene	10.622	106	117463	55.283	ug/l	99
70) Styrene	10.640	104	202723	55.577	ug/l	99
71) Bromoform	10.780	173	60559	53.164	ug/l	100
73) Isopropylbenzene	10.945	105	308513	54.518	ug/l	100
74) N-amyl acetate	10.823	43	150972	61.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	104061	54.499	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	84341m	53.924	ug/l	
77) Bromobenzene	11.183	156	78580	52.026	ug/l	97
78) n-propylbenzene	11.286	91	365357	55.745	ug/l	98
79) 2-Chlorotoluene	11.347	91	212227	53.102	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	253589	54.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	35468	53.867	ug/l #	81
82) 4-Chlorotoluene	11.433	91	252423	54.123	ug/l	98
83) tert-Butylbenzene	11.695	119	265940	55.023	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	256929	54.757	ug/l	99
85) sec-Butylbenzene	11.872	105	323799	55.279	ug/l	100
86) p-Isopropyltoluene	11.988	119	272293	54.383	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	147532	52.985	ug/l	97
88) 1,4-Dichlorobenzene	12.024	146	149424	51.931	ug/l	99
89) n-Butylbenzene	12.311	91	252725	53.910	ug/l	99
90) Hexachloroethane	12.518	117	52687	51.558	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	138989	51.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	24397	52.500	ug/l	97
93) 1,2,4-Trichlorobenzene	13.566	180	106767	59.884	ug/l	98
94) Hexachlorobutadiene	13.707	225	42741	57.956	ug/l	98
95) Naphthalene	13.755	128	363422	67.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	101994	62.032	ug/l	97

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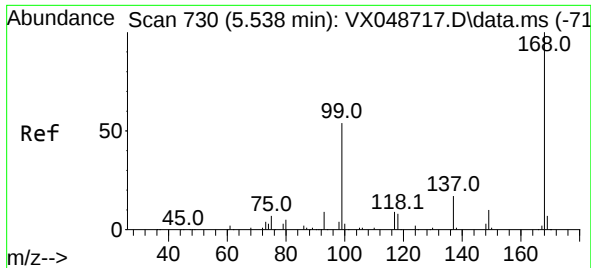
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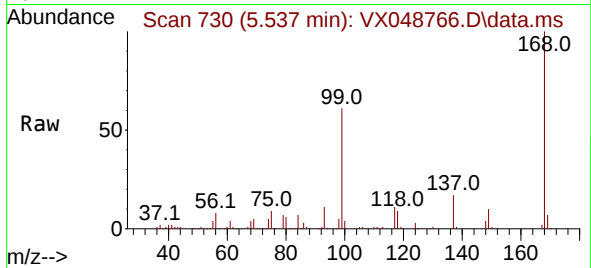
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
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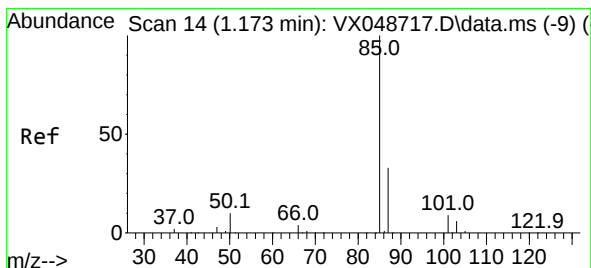
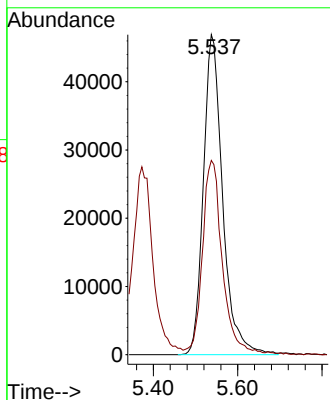
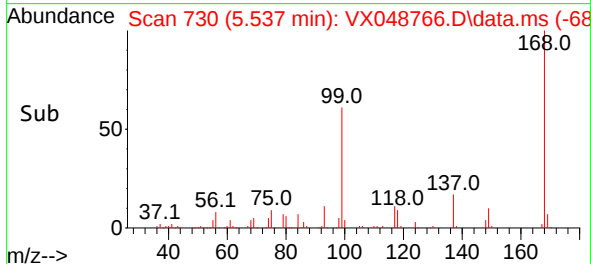
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Tgt Ion:168 Resp: 148950
Ion Ratio Lower Upper
168 100
99 60.3 44.2 66.4

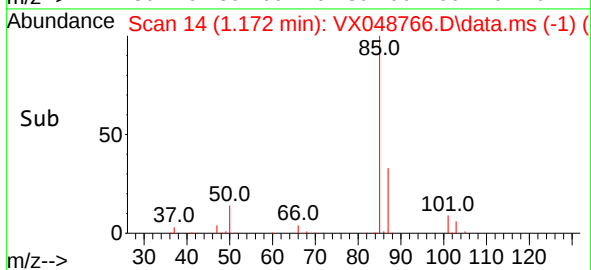
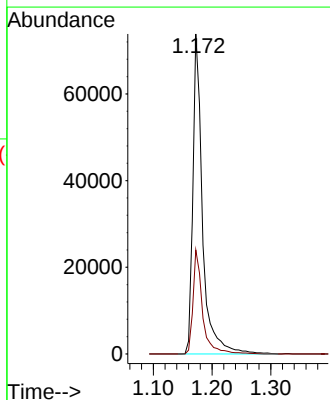
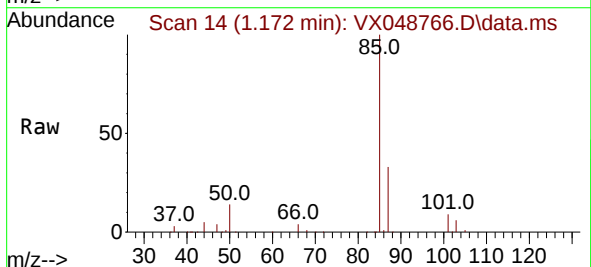
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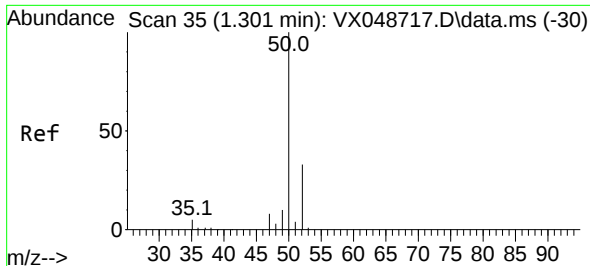
Reviewed By :John Carlone 12/09/2025
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#2
Dichlorodifluoromethane
Concen: 55.569 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

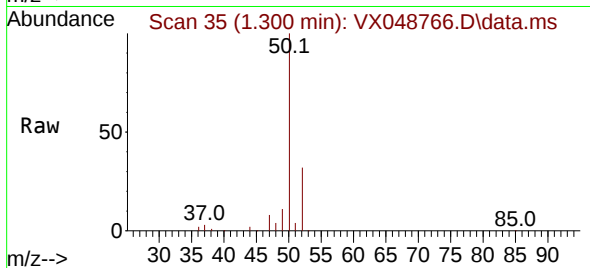
Tgt Ion: 85 Resp: 84333
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3
Chloromethane
Concen: 43.566 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

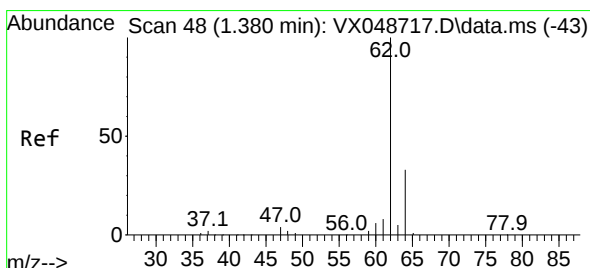
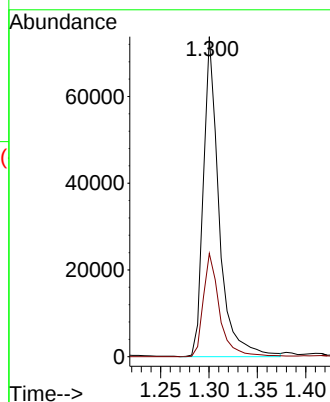
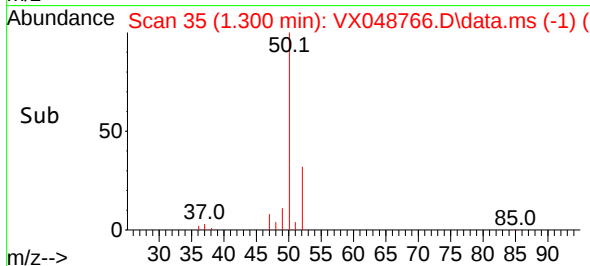
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Tgt Ion: 50 Resp: 83432
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6

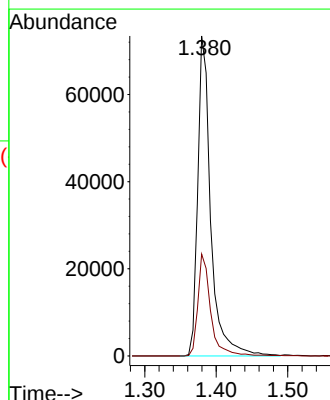
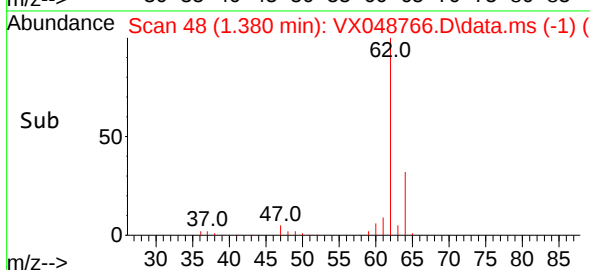
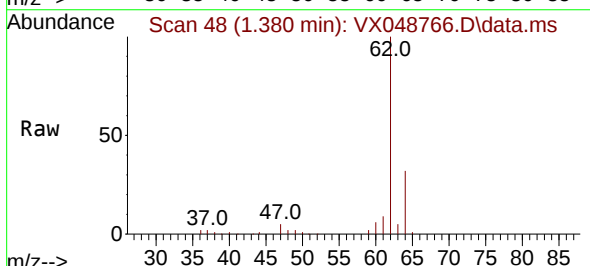
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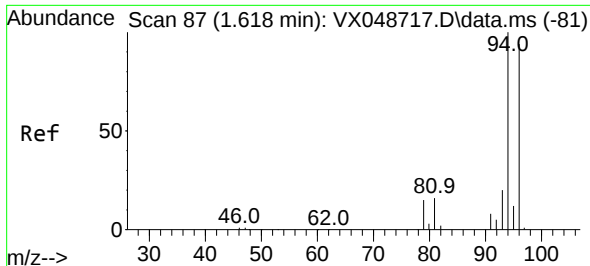
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#4
Vinyl Chloride
Concen: 45.436 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

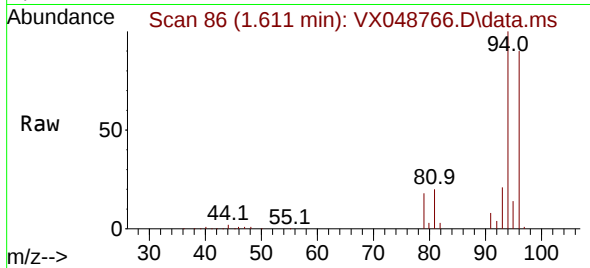
Tgt Ion: 62 Resp: 92670
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5
Bromomethane
Concen: 51.693 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048766.D
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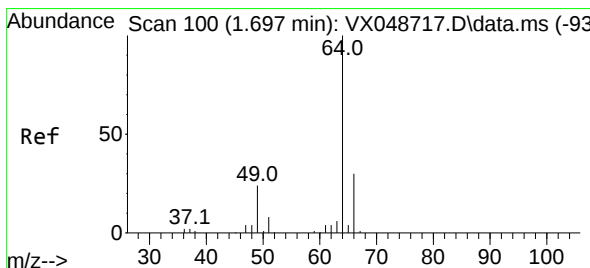
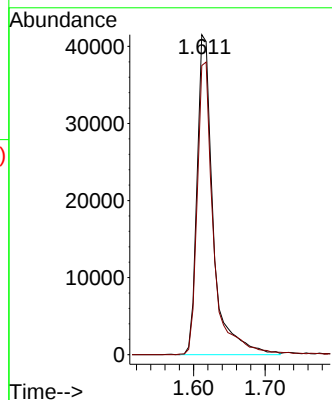
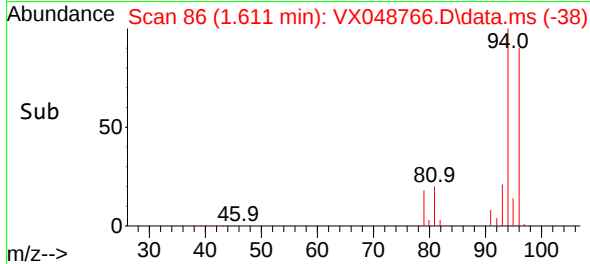
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Tgt Ion: 94 Resp: 6515
Ion Ratio Lower Upper
94 100
96 90.1 75.2 112.8

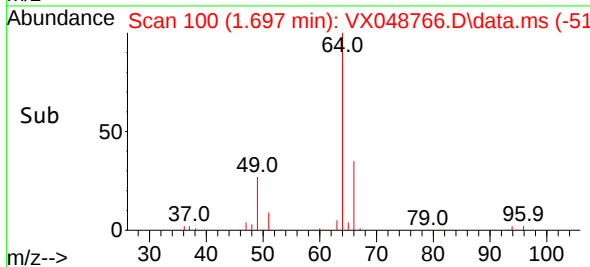
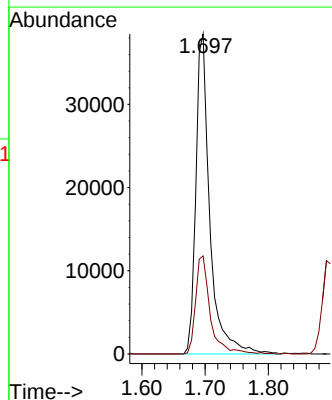
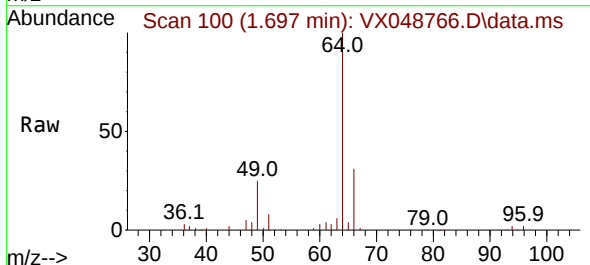
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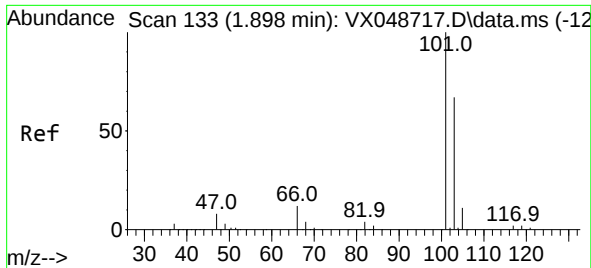
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#6
Chloroethane
Concen: 46.500 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048766.D
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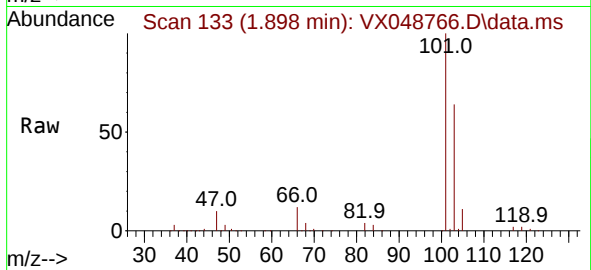
Tgt Ion: 64 Resp: 59026
Ion Ratio Lower Upper
64 100
66 30.7 24.0 36.0





#7
Trichlorofluoromethane
Concen: 51.867 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

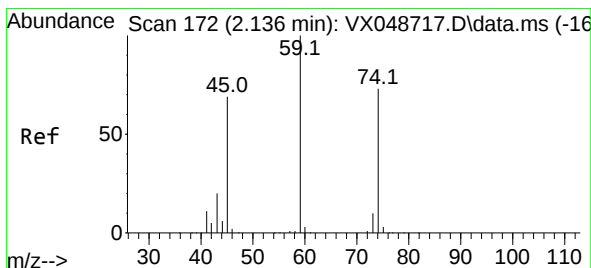
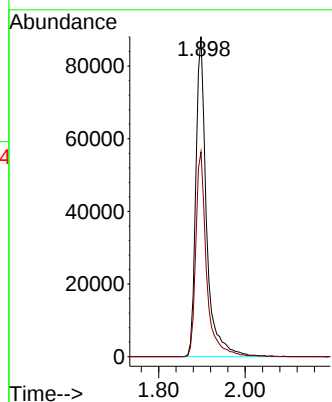
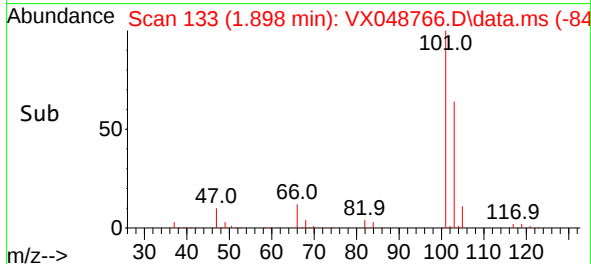
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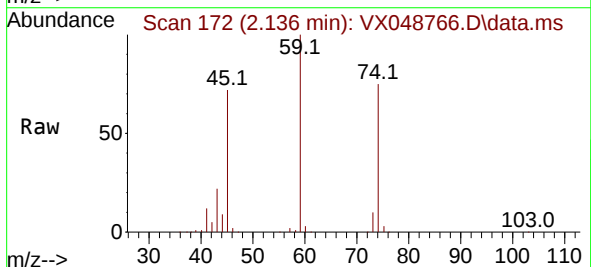
Tgt Ion:101 Resp: 151618
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.2

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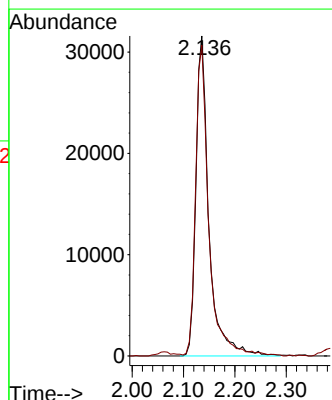
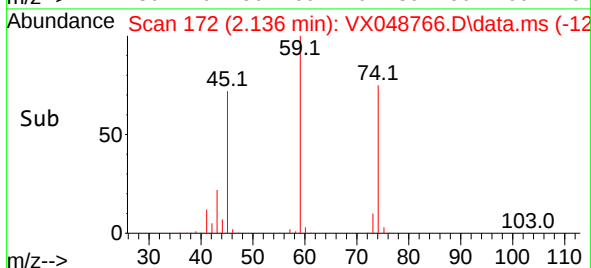
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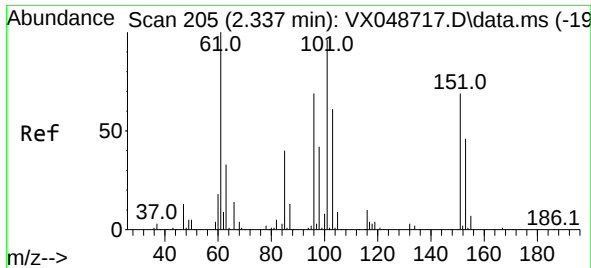


#8
Diethyl Ether
Concen: 47.511 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 55434
Ion Ratio Lower Upper
74 100
45 99.0 48.9 146.8





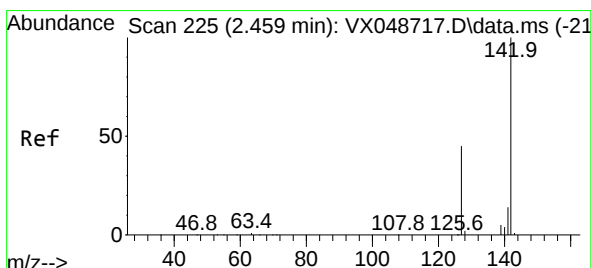
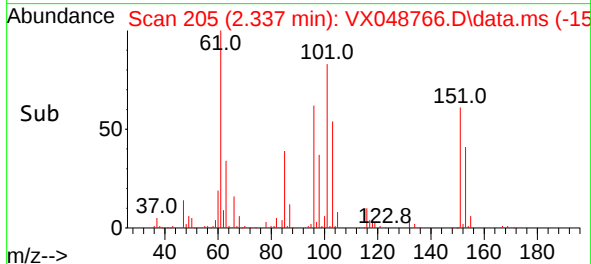
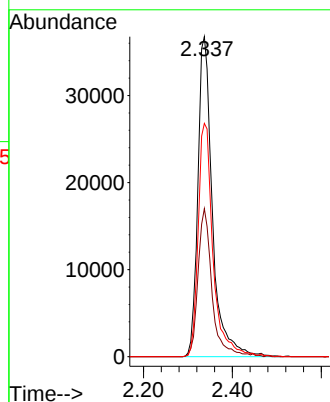
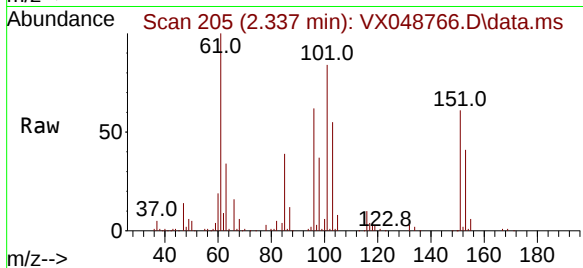
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.486 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8386
Ion Ratio Lower Upper
101 100
85 44.5 34.2 51.2
151 74.3 60.2 90.4

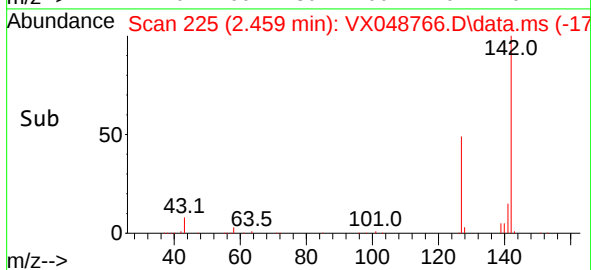
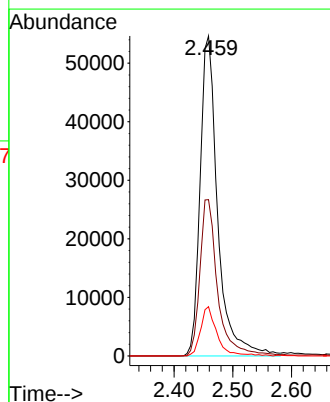
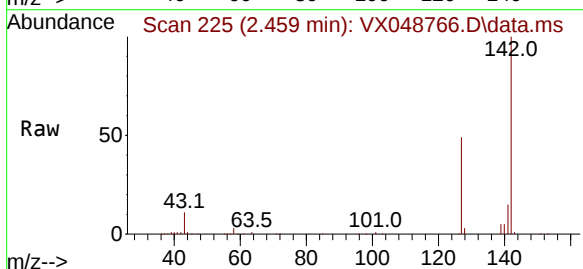
Manual Integrations
APPROVED

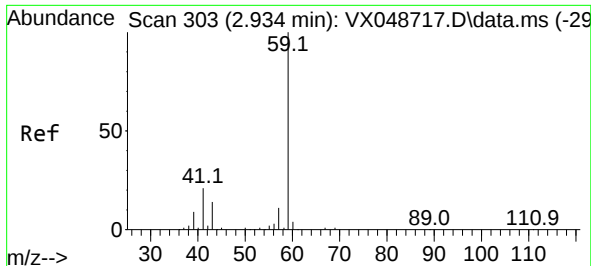
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#10
Methyl Iodide
Concen: 47.155 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

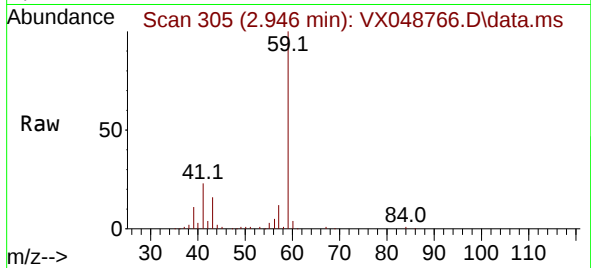
Tgt Ion:142 Resp: 113765
Ion Ratio Lower Upper
142 100
127 49.6 35.8 53.6
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 247.785 ug/l
RT: 2.946 min Scan# 303
Delta R.T. 0.012 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

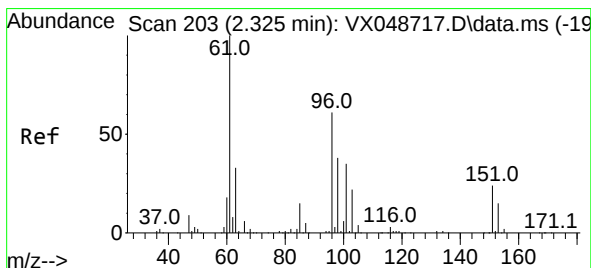
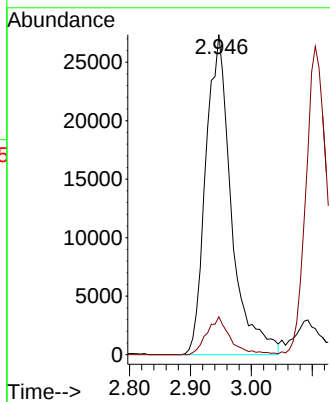
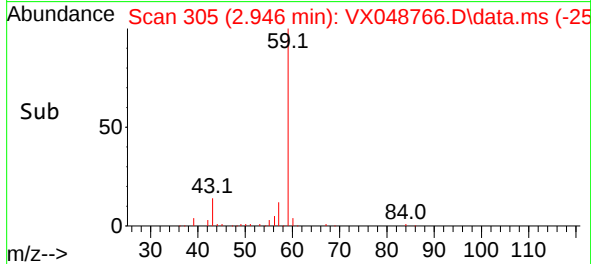
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



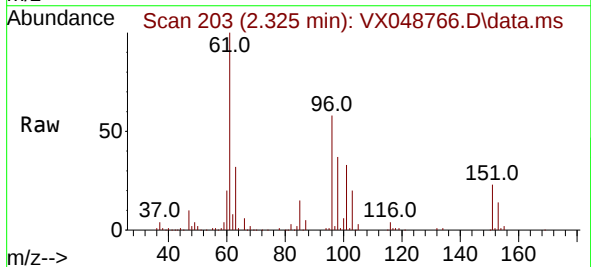
Tgt Ion: 59 Resp: 7997
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1

Manual Integrations
APPROVED

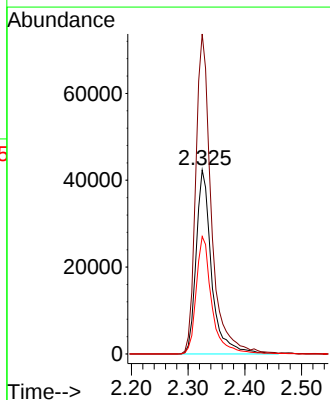
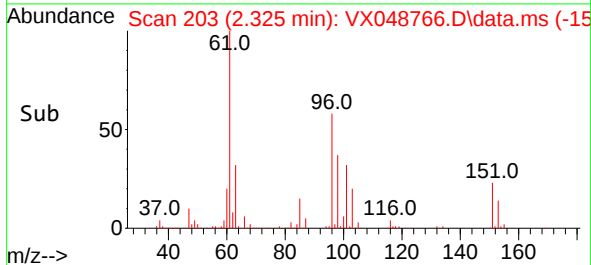
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

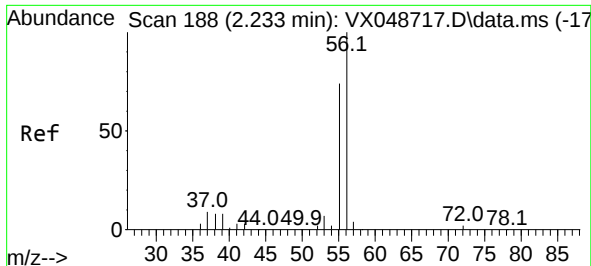


#12
1,1-Dichloroethene
Concen: 46.428 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



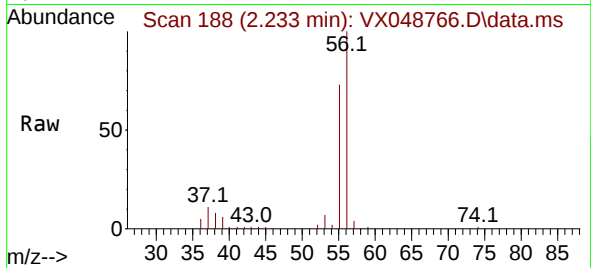
Tgt Ion: 96 Resp: 80303
Ion Ratio Lower Upper
96 100
61 173.9 130.7 196.1
98 63.8 49.8 74.8





#13
Acrolein
Concen: 291.496 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

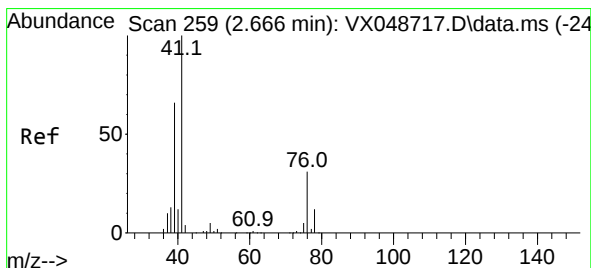
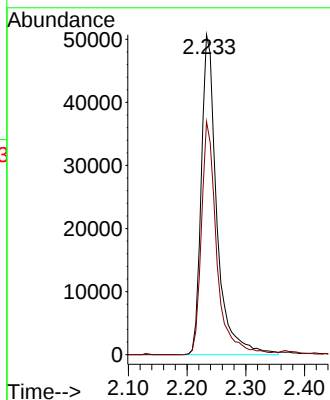
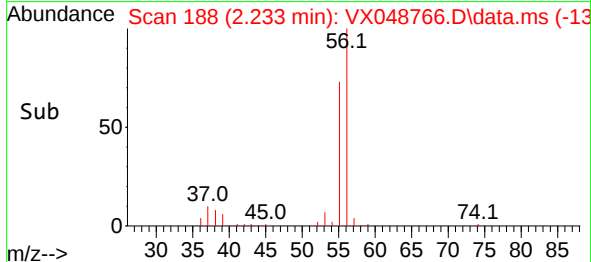
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 93315
Ion Ratio Lower Upper
56 100
55 71.6 55.8 83.6

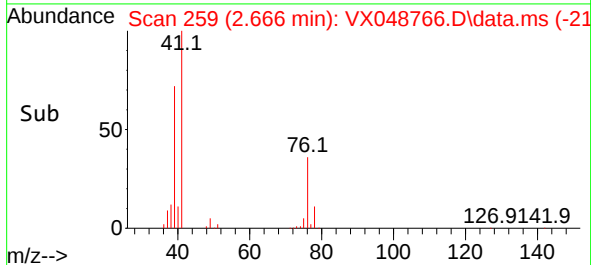
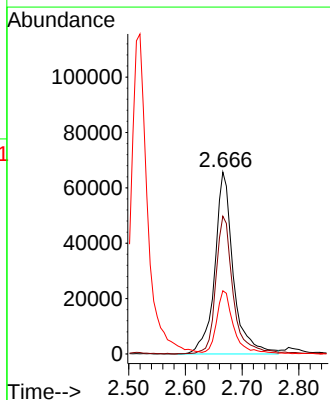
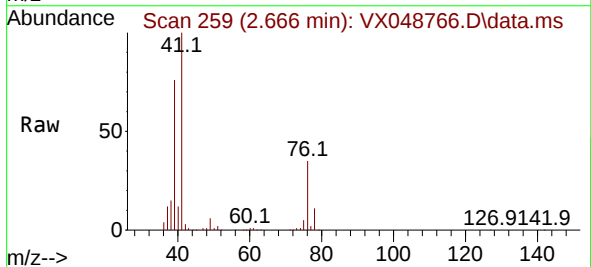
Manual Integrations
APPROVED

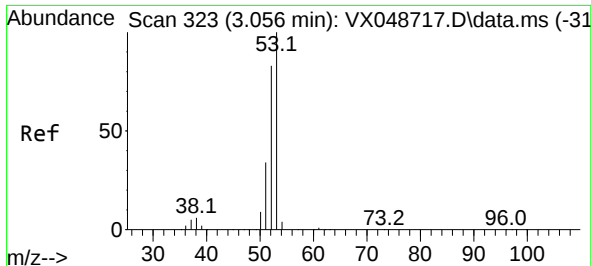
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#14
Allyl chloride
Concen: 51.470 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

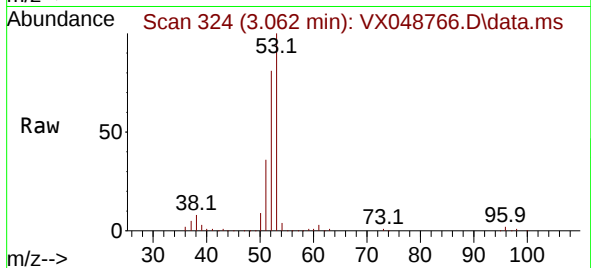
Tgt Ion: 41 Resp: 149462
Ion Ratio Lower Upper
41 100
39 71.6 49.8 74.6
76 31.6 27.3 40.9





#15
Acrylonitrile
Concen: 262.605 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

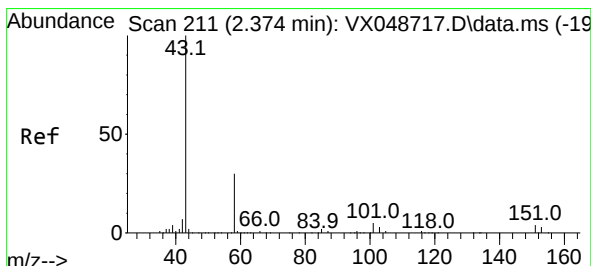
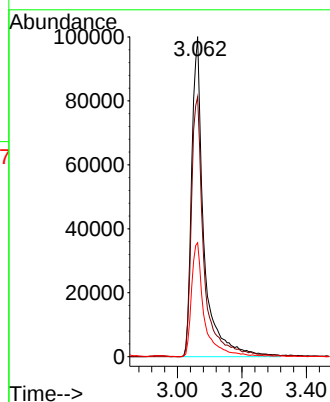
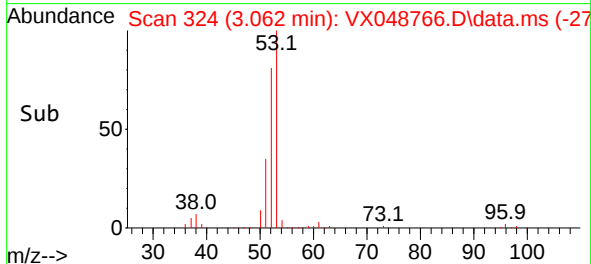
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 264109
Ion Ratio Lower Upper
53 100
52 83.3 66.3 99.5
51 36.7 28.7 43.1

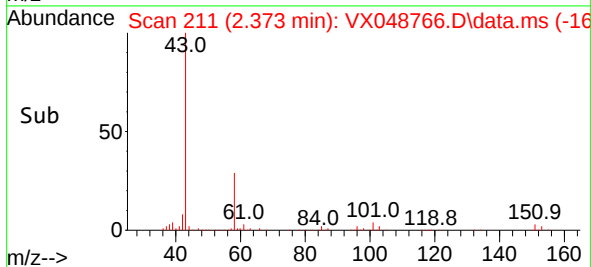
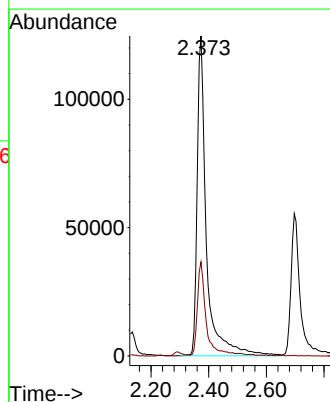
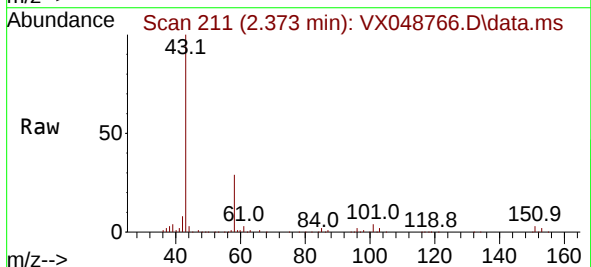
Manual Integrations
APPROVED

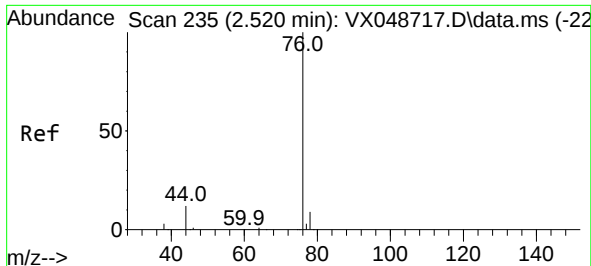
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#16
Acetone
Concen: 363.239 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

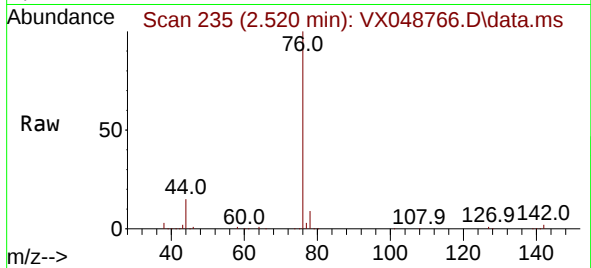
Tgt Ion: 43 Resp: 277997
Ion Ratio Lower Upper
43 100
58 29.3 25.0 37.4





#17
Carbon Disulfide
Concen: 44.970 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

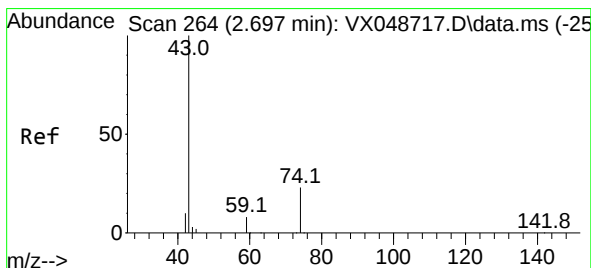
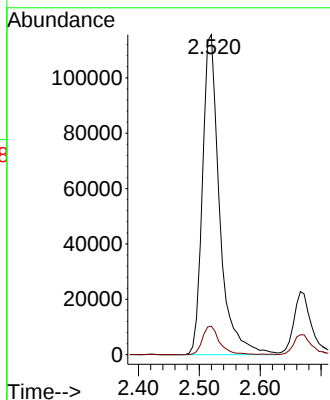
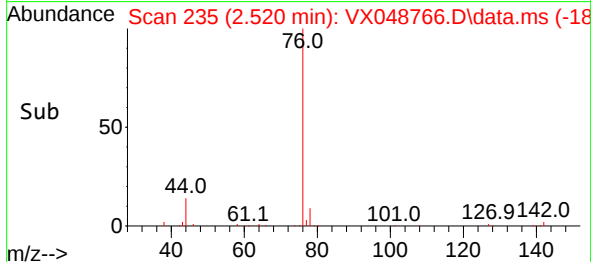
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 225880
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

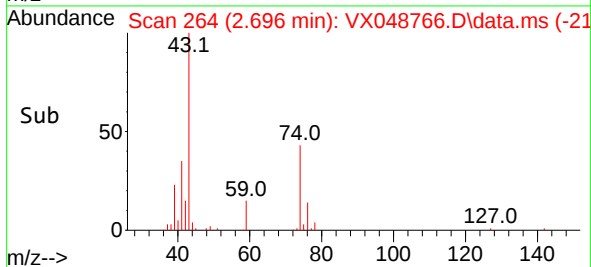
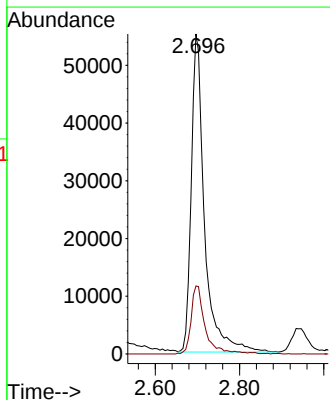
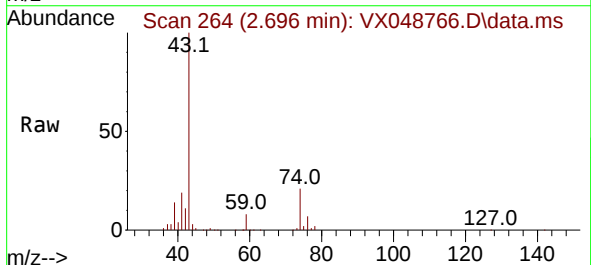
Manual Integrations
APPROVED

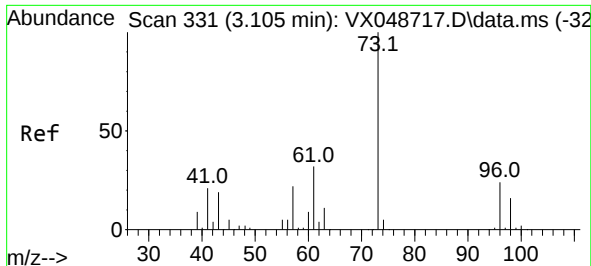
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#18
Methyl Acetate
Concen: 55.741 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

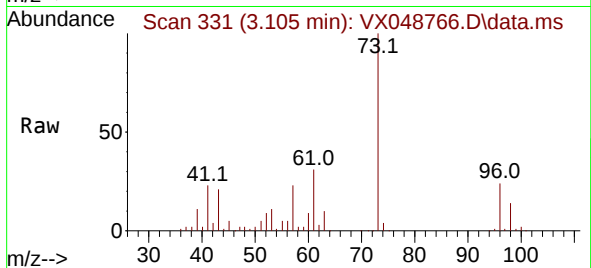
Tgt Ion: 43 Resp: 120029
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 54.884 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

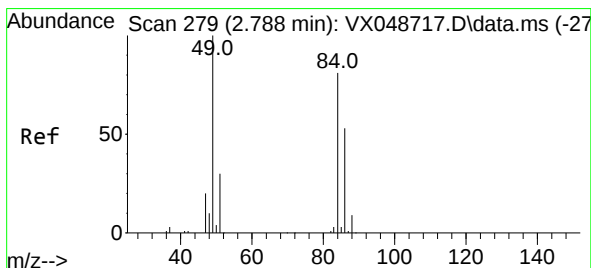
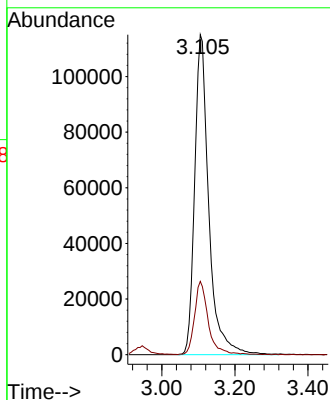
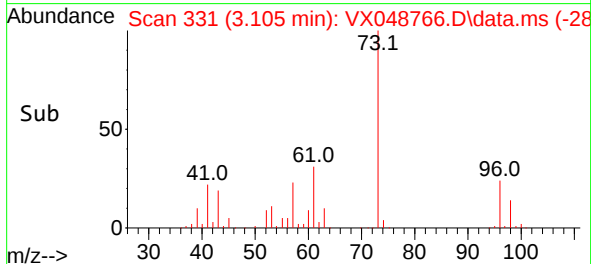
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 30894
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.6

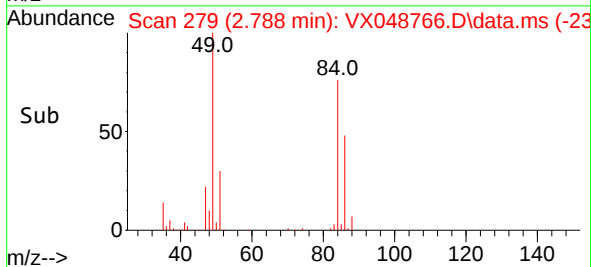
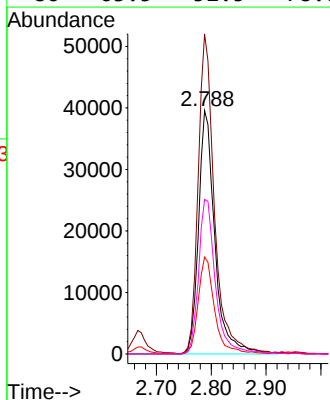
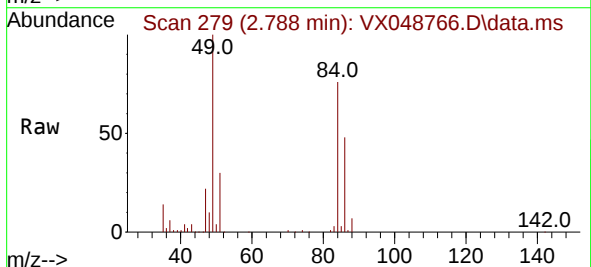
Manual Integrations
APPROVED

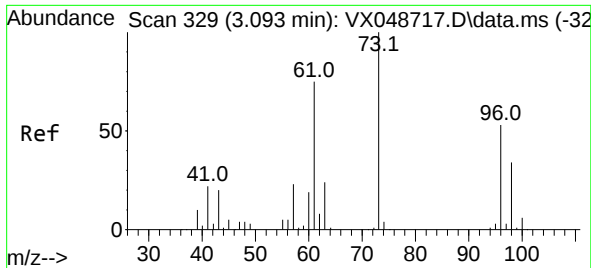
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#20
Methylene Chloride
Concen: 42.862 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

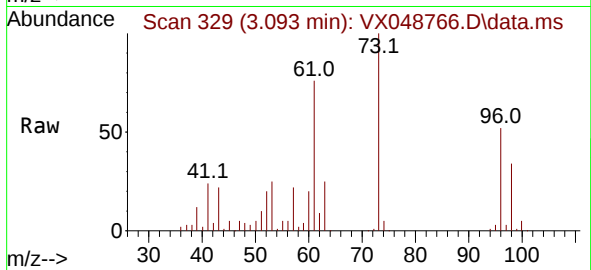
Tgt Ion: 84 Resp: 81994
Ion Ratio Lower Upper
84 100
49 131.3 98.7 148.1
51 39.8 29.4 44.2
86 63.5 52.5 78.7





#21
trans-1,2-Dichloroethene
Concen: 51.040 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

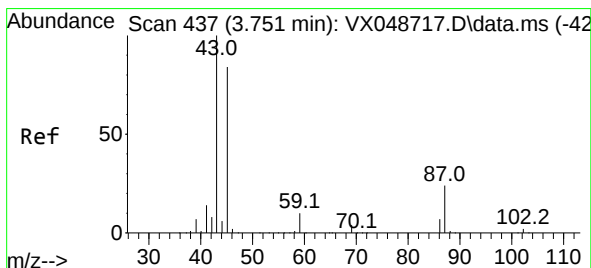
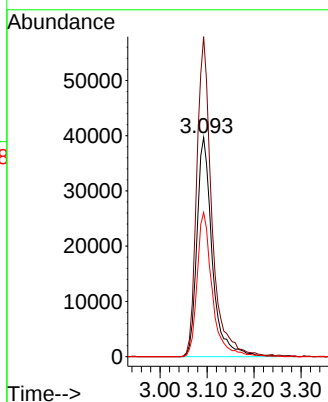
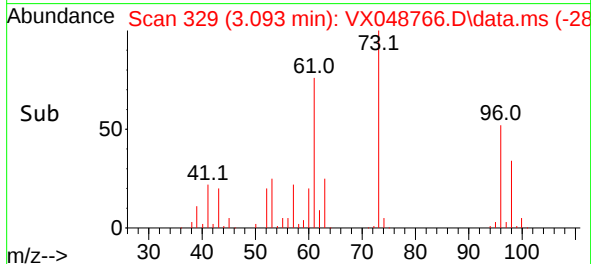
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 90100
Ion Ratio Lower Upper
96 100
61 146.0 112.8 169.2
98 65.8 51.0 76.4

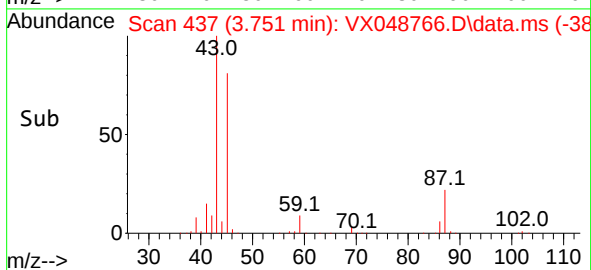
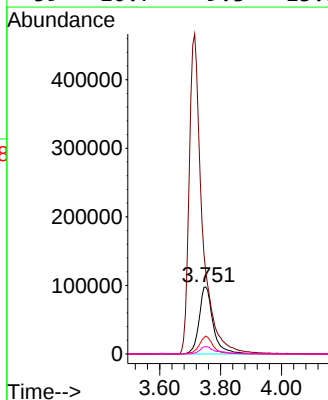
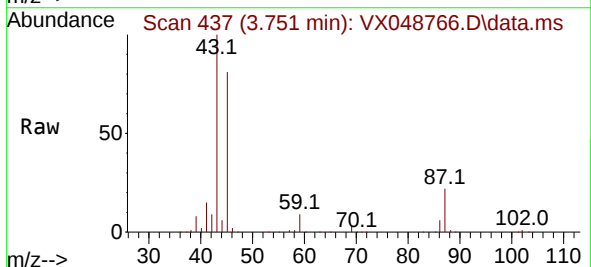
Manual Integrations
APPROVED

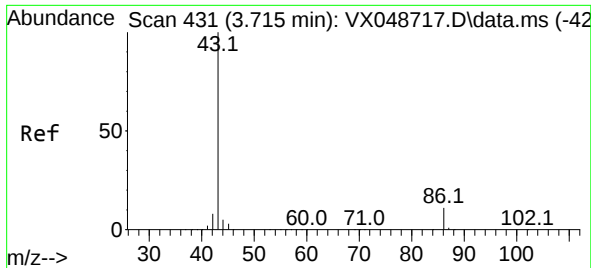
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#22
Diisopropyl ether
Concen: 57.565 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

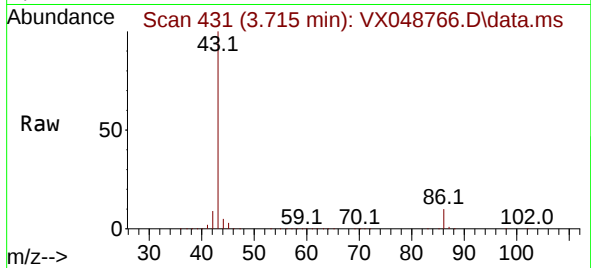
Tgt Ion: 45 Resp: 312412
Ion Ratio Lower Upper
45 100
43 123.1 94.9 142.3
87 26.8 23.2 34.8
59 10.7 9.3 13.9





#23
 Vinyl Acetate
 Concen: 304.939 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03

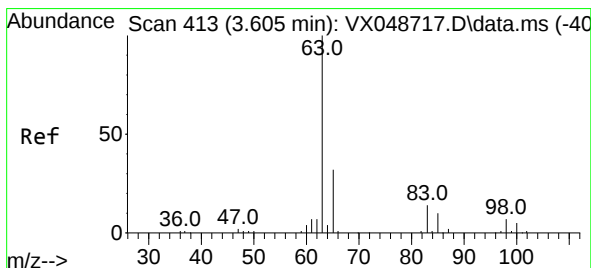
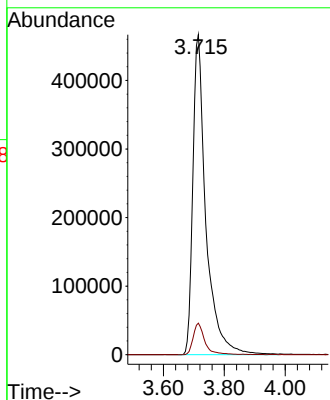
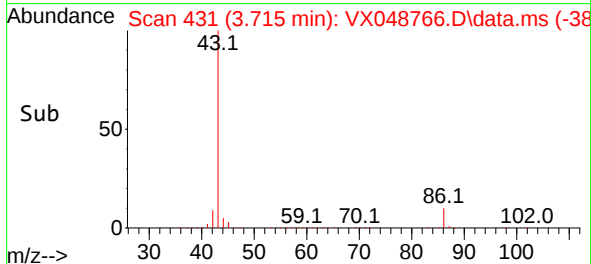
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



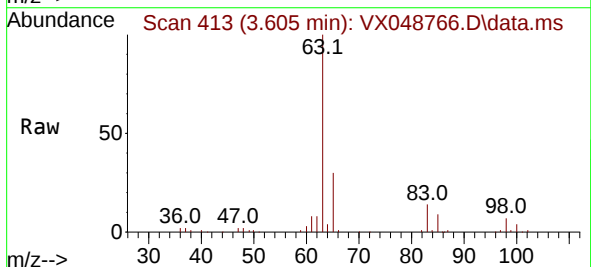
Tgt Ion: 43 Resp: 1390572
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.2 13.8

Manual Integrations
 APPROVED

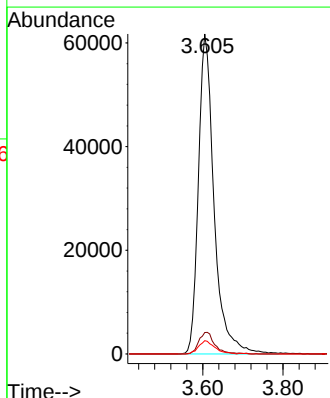
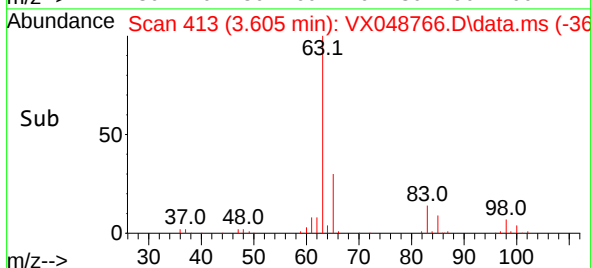
Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

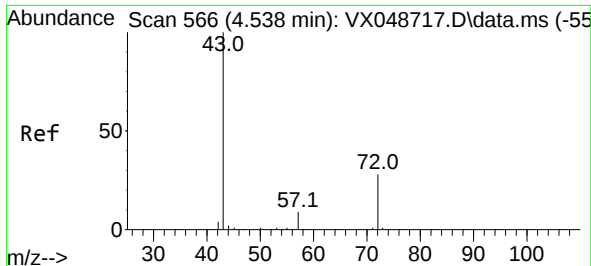


#24
 1,1-Dichloroethane
 Concen: 55.355 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03



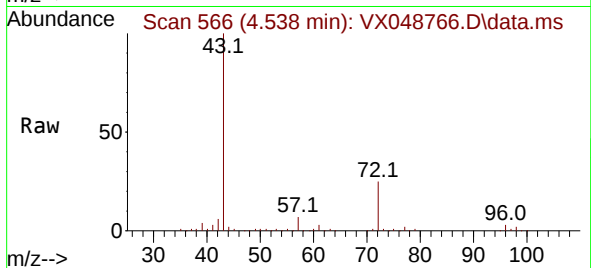
Tgt Ion: 63 Resp: 167527
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.6
 100 4.2 2.5 7.4





#25
2-Butanone
Concen: 304.516 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

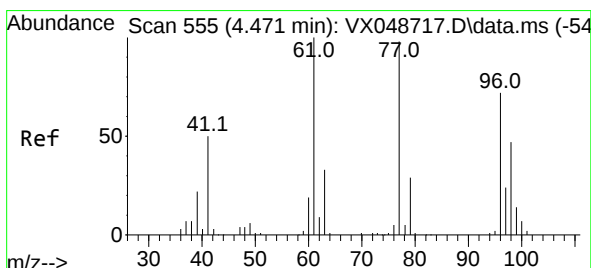
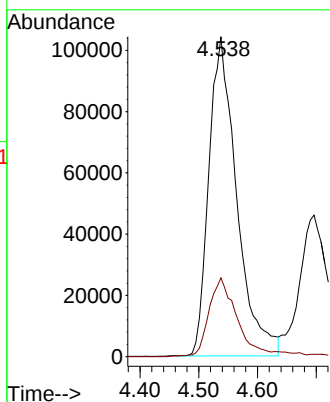
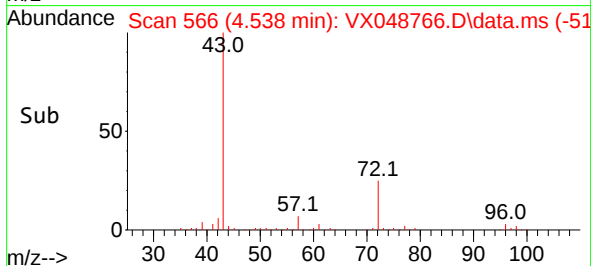
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 343960
Ion Ratio Lower Upper
43 100
72 24.5 22.6 34.0

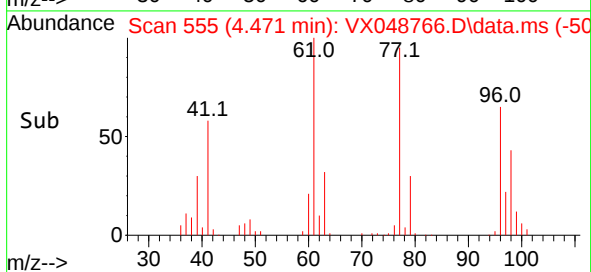
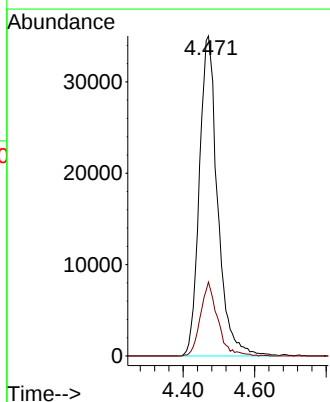
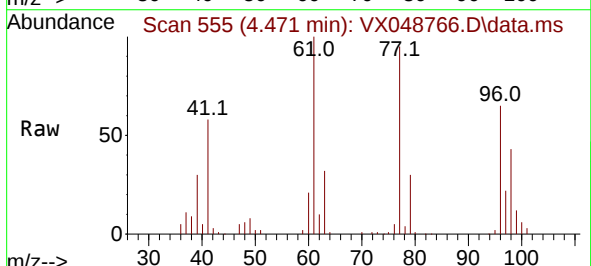
Manual Integrations
APPROVED

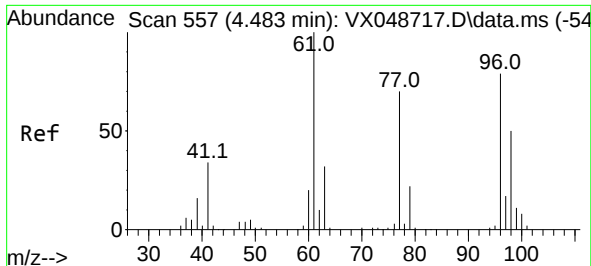
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#26
2,2-Dichloropropane
Concen: 46.389 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 77 Resp: 124224
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.323 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 90284

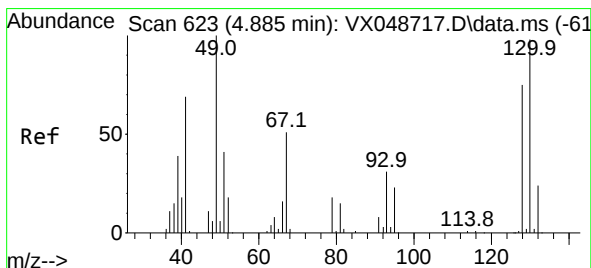
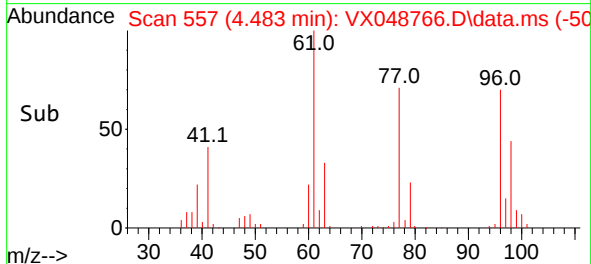
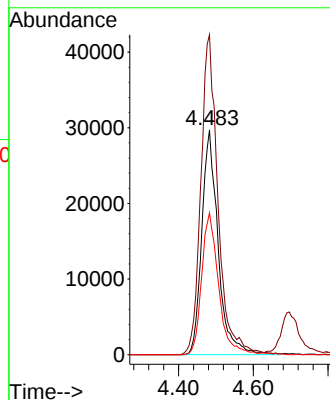
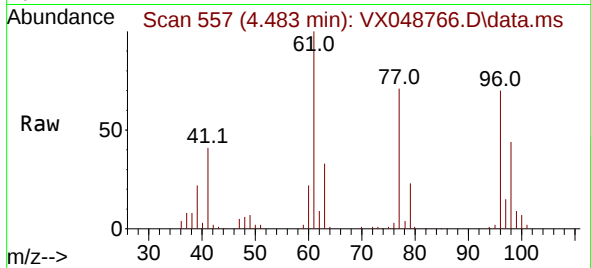
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	271.0
98	64.9	0.0	130.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#28

Bromochloromethane

Concen: 43.853 ug/l

RT: 4.885 min Scan# 623

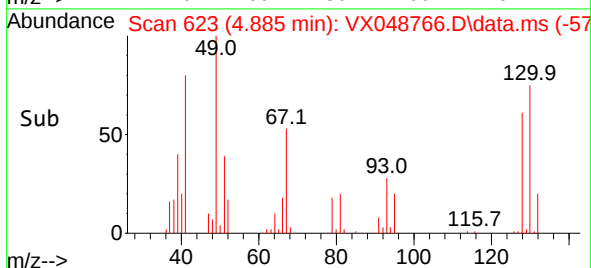
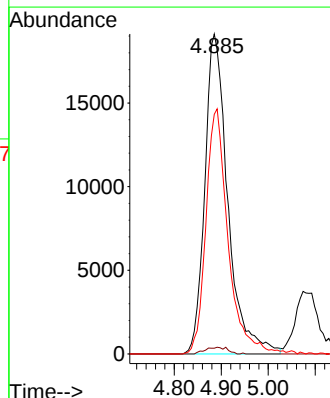
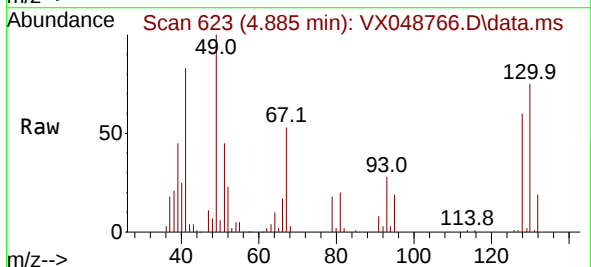
Delta R.T. -0.000 min

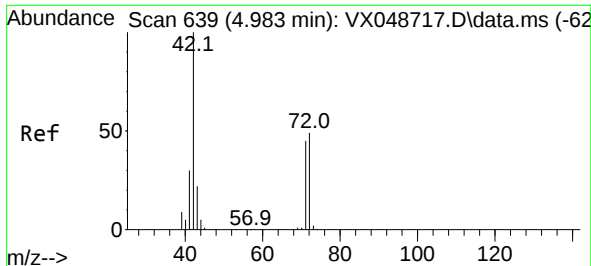
Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion: 49 Resp: 65051

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.6	73.9	110.9#





#29

Tetrahydrofuran

Concen: 263.989 ug/l

RT: 4.989 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX048766.D

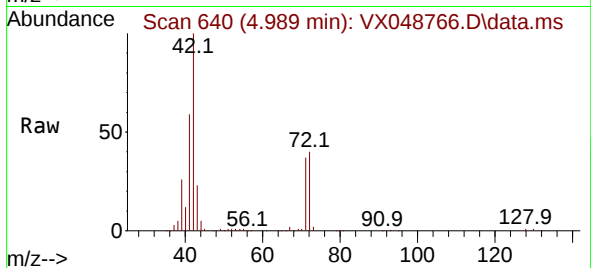
Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 227690

Ion Ratio Lower Upper

42 100

72 43.6 39.4 59.2

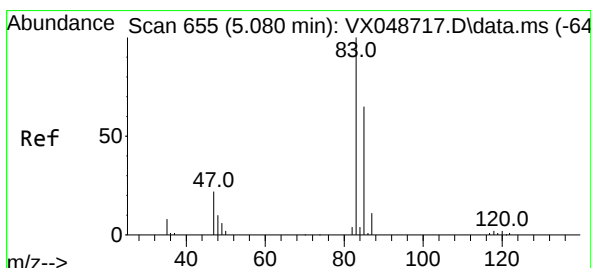
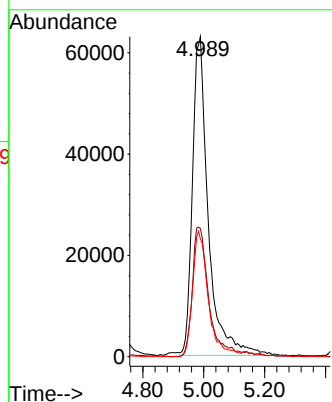
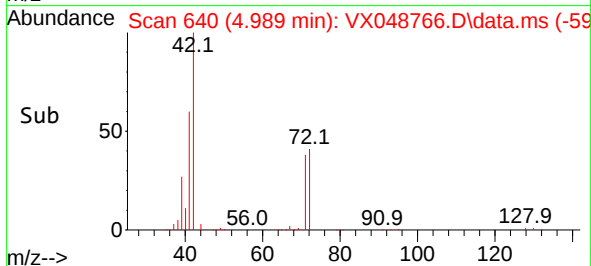
71 38.9 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#30

Chloroform

Concen: 48.026 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX048766.D

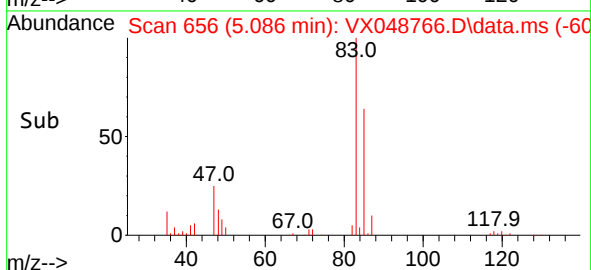
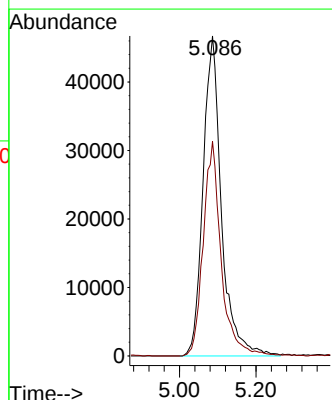
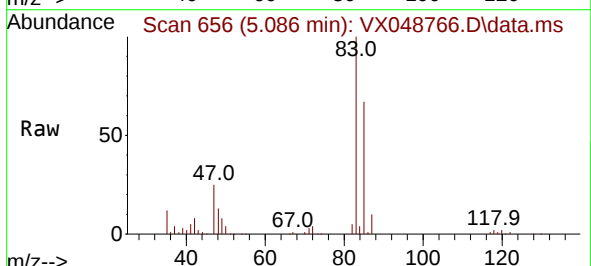
Acq: 08 Dec 2025 19:03

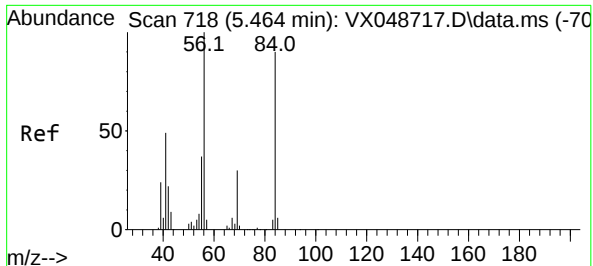
Tgt Ion: 83 Resp: 155740

Ion Ratio Lower Upper

83 100

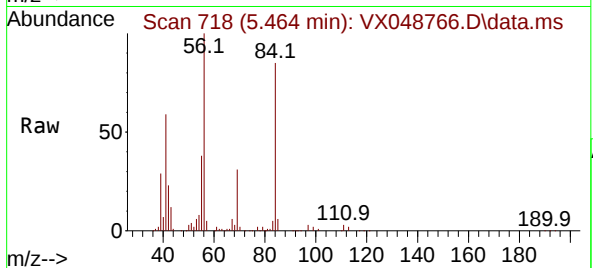
85 67.0 52.1 78.1





#31
Cyclohexane
Concen: 53.820 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

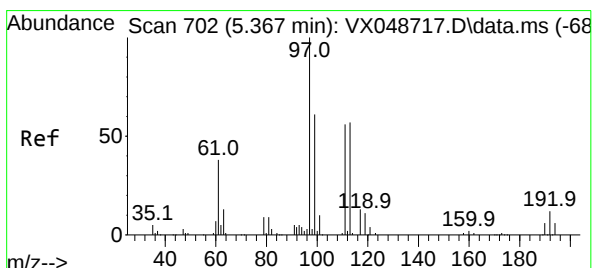
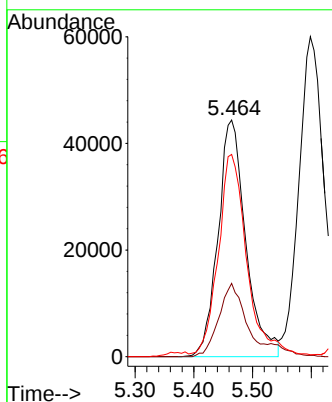
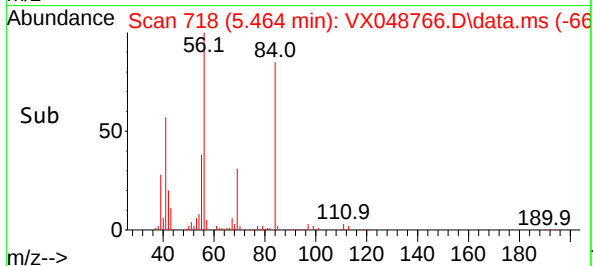
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 145425
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 83.7 72.1 108.1

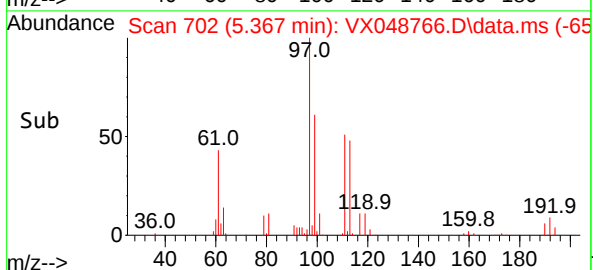
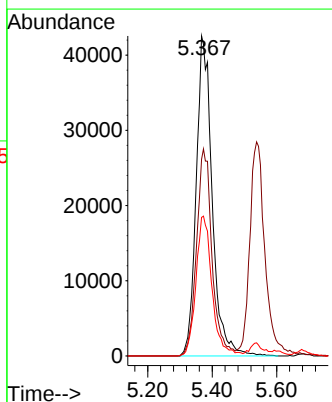
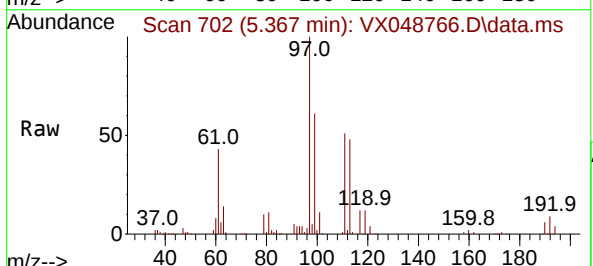
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APPROVED

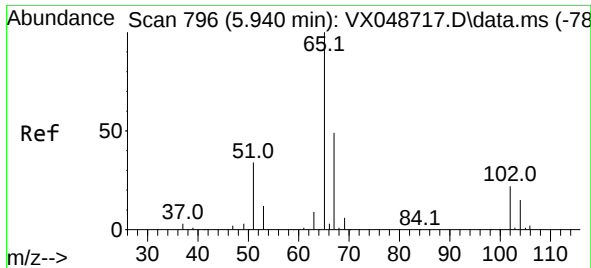
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#32
1,1,1-Trichloroethane
Concen: 50.347 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

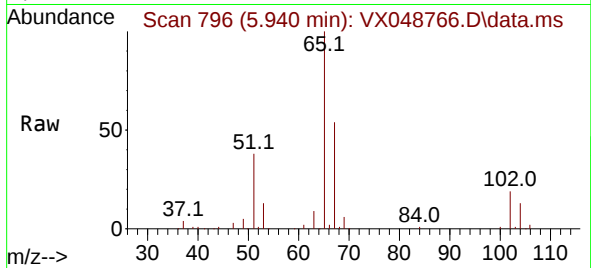
Tgt Ion: 97 Resp: 146286
Ion Ratio Lower Upper
97 100
99 62.4 50.5 75.7
61 44.1 30.6 45.8





#33
 1,2-Dichloroethane-d4
 Concen: 52.374 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03

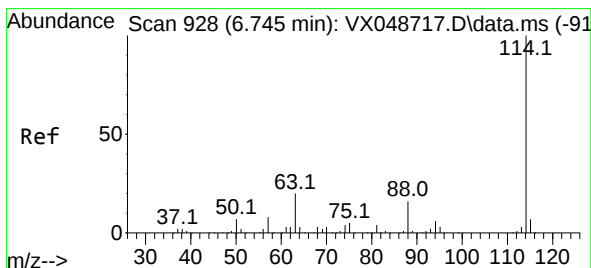
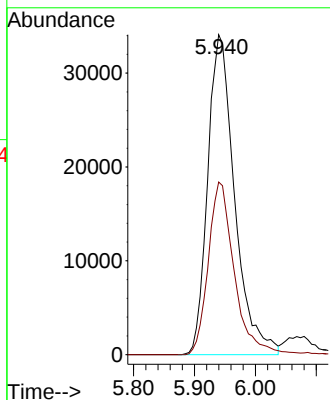
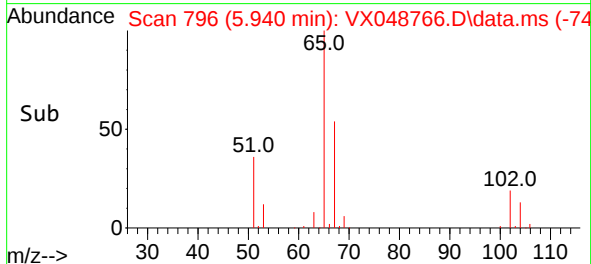
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



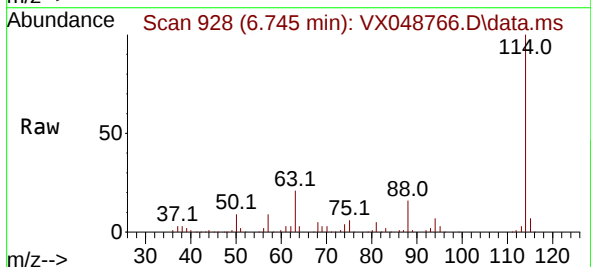
Tgt Ion: 65 Resp: 10470
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4

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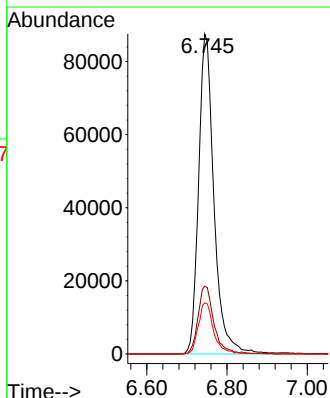
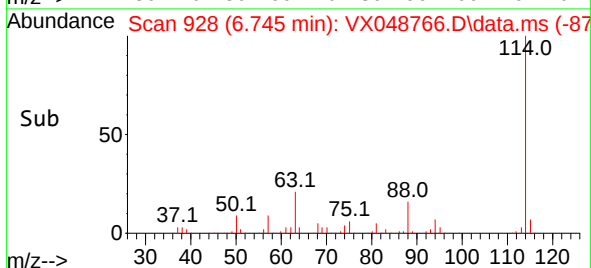
Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

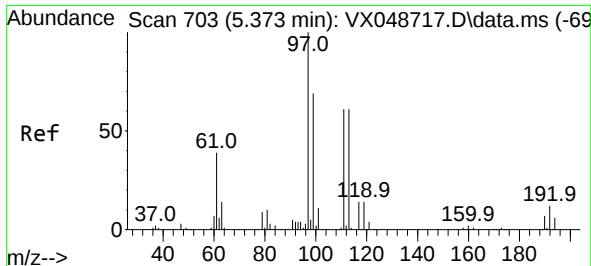


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03



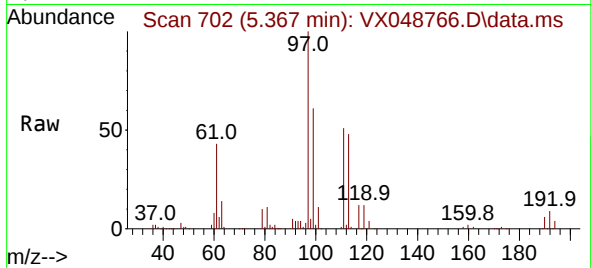
Tgt Ion:114 Resp: 232893
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 16.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 44.696 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

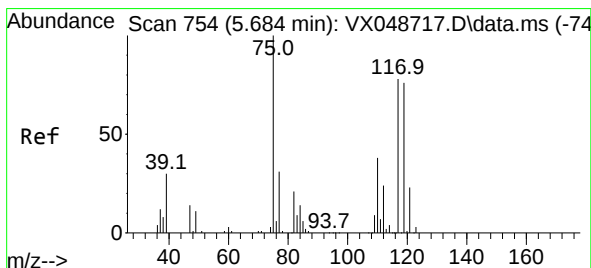
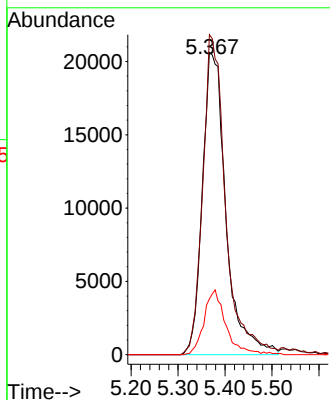
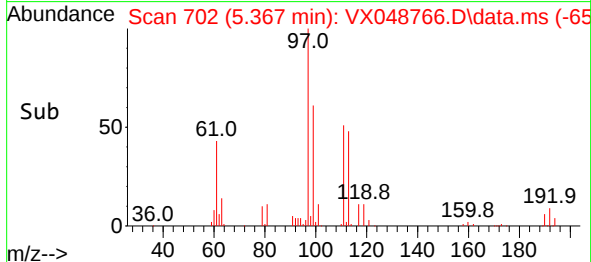
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7167
Ion Ratio Lower Upper
113 100
111 102.4 79.5 119.3
192 19.7 16.1 24.1

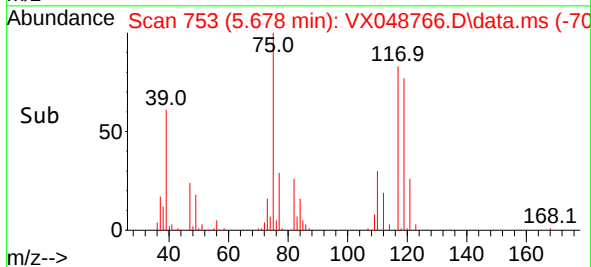
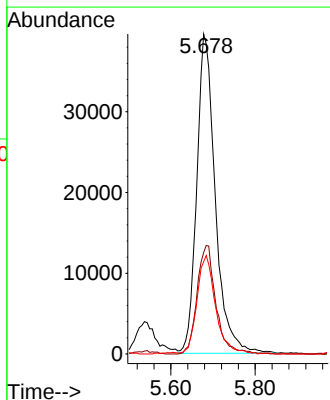
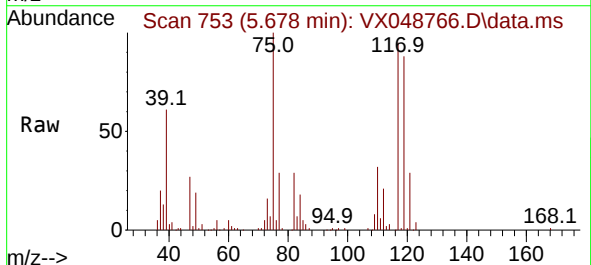
Manual Integrations
APPROVED

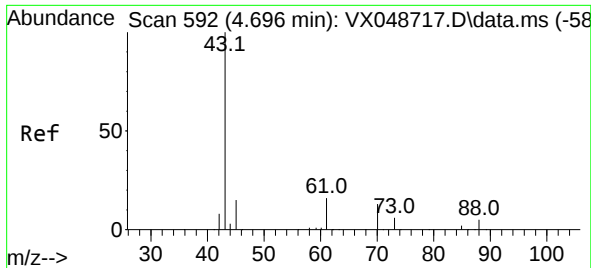
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#36
1,1-Dichloropropene
Concen: 55.109 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

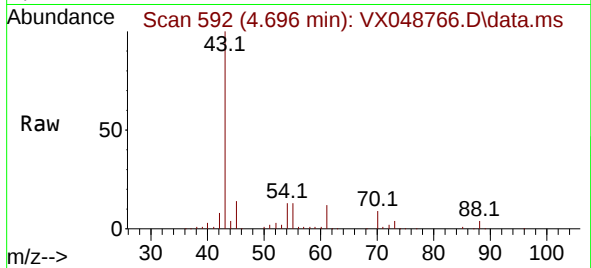
Tgt Ion: 75 Resp: 121037
Ion Ratio Lower Upper
75 100
110 34.6 18.6 55.8
77 30.6 25.3 37.9





#37
Ethyl Acetate
Concen: 64.004 ug/l
RT: 4.696 min Scan# 592
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

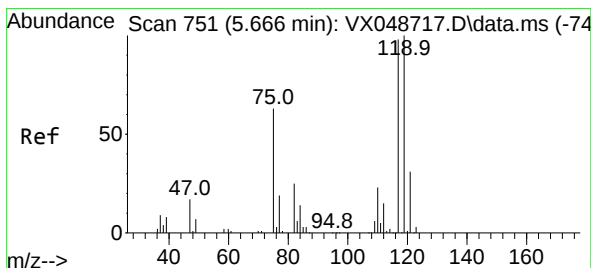
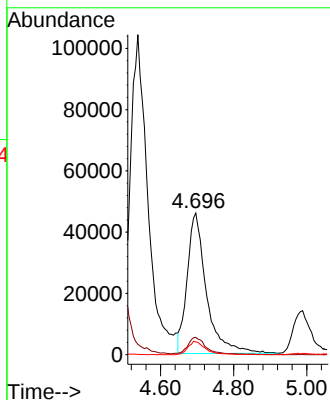
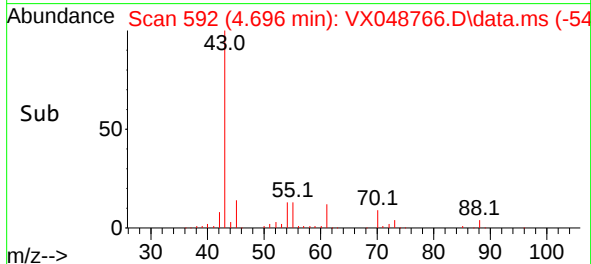
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16797
Ion Ratio Lower Upper
43 100
61 10.4 9.7 14.5
70 8.6 8.2 12.4

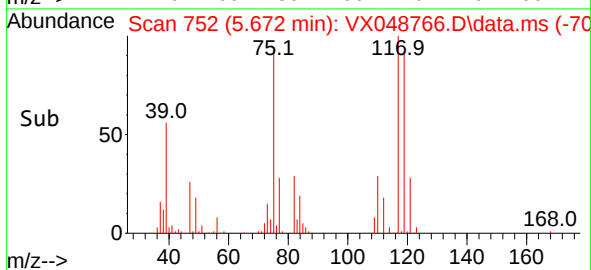
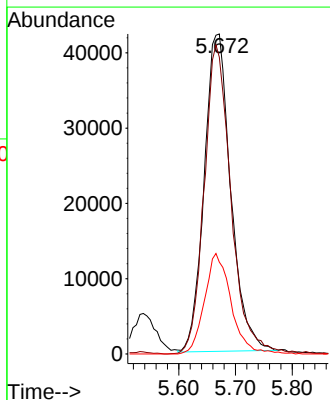
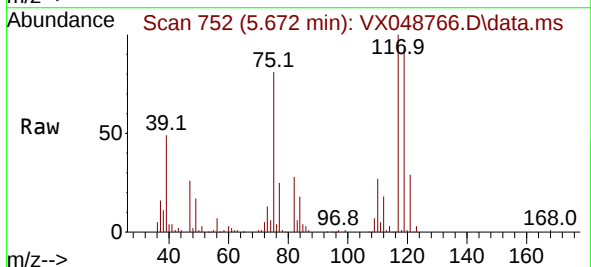
Manual Integrations
APPROVED

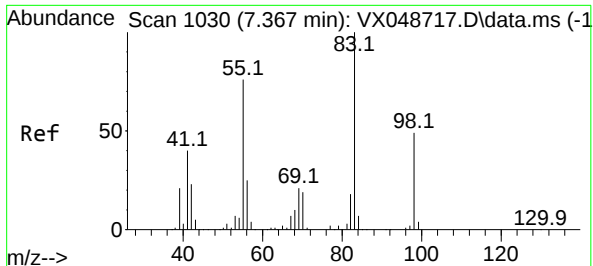
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#38
Carbon Tetrachloride
Concen: 55.190 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion:117 Resp: 137300
Ion Ratio Lower Upper
117 100
119 93.5 80.5 120.7
121 29.0 25.4 38.0





#39

Methylcyclohexane

Concen: 52.808 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 137145

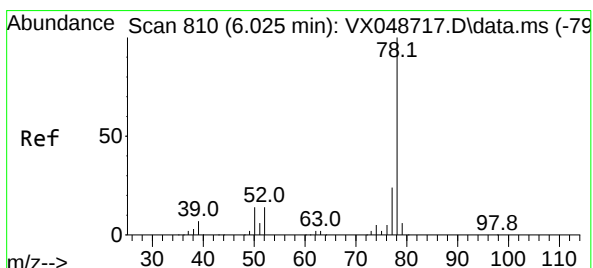
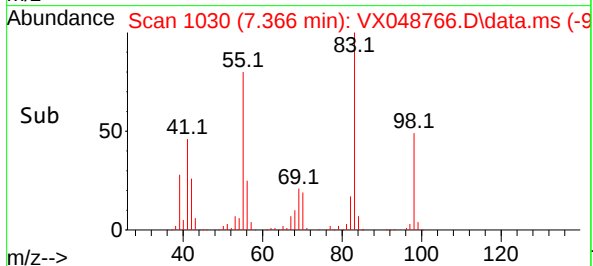
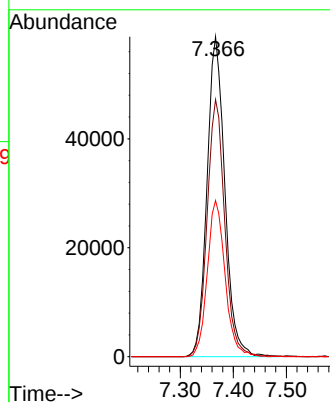
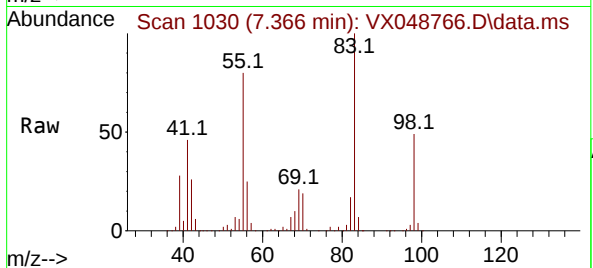
Ion	Ratio	Lower	Upper
83	100		
55	80.4	60.6	90.8
98	48.8	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#40

Benzene

Concen: 54.647 ug/l

RT: 6.025 min Scan# 810

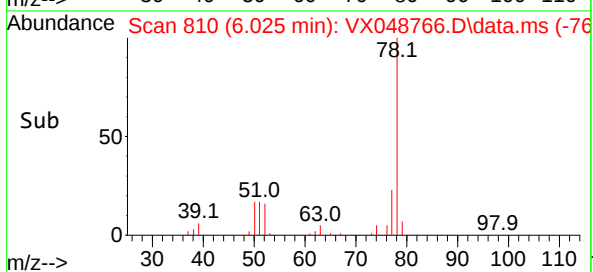
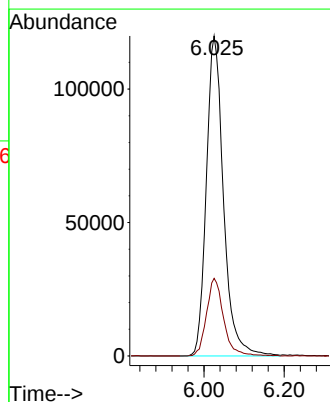
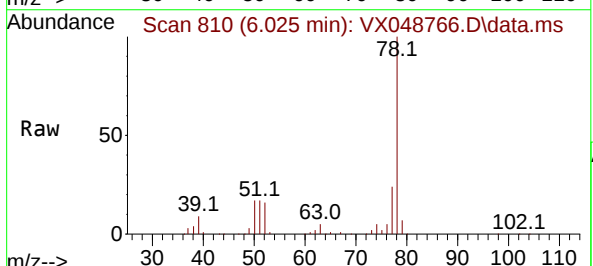
Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion: 78 Resp: 355801

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





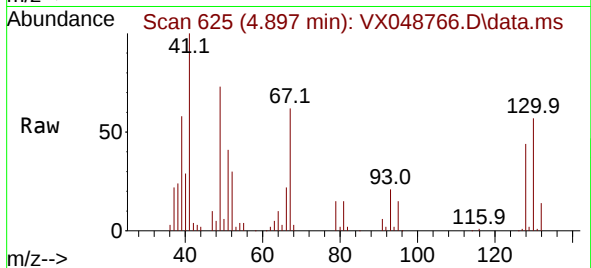
#41
Methacrylonitrile
Concen: 58.832 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



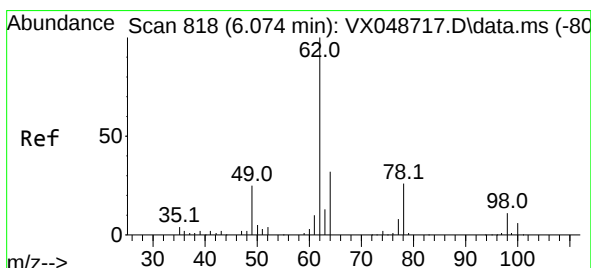
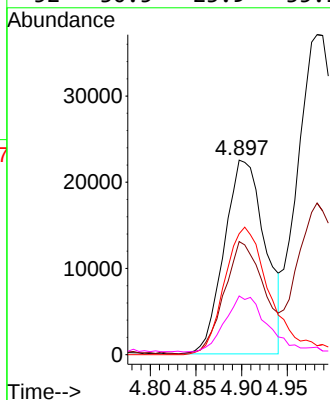
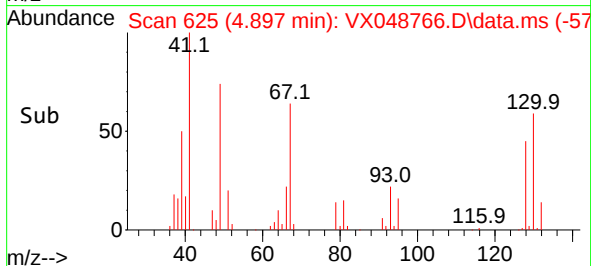
Tgt Ion: 41 Resp: 70249
Ion Ratio Lower Upper
41 100
39 56.1 42.3 63.5
67 75.8 66.6 100.0
52 30.5 23.9 35.9

Manual Integrations

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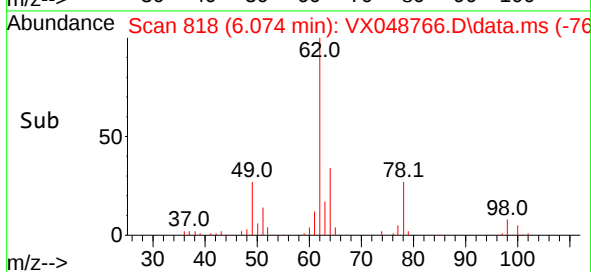
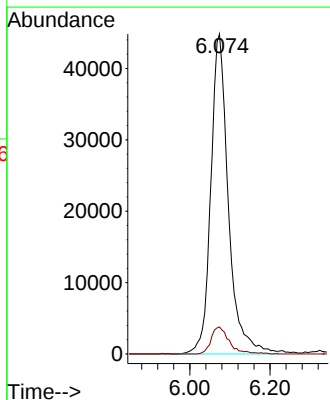
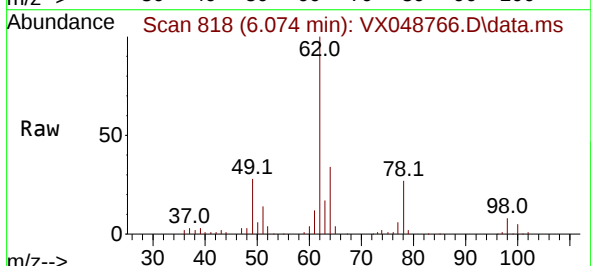
Reviewed By :John Carlone 12/09/2025

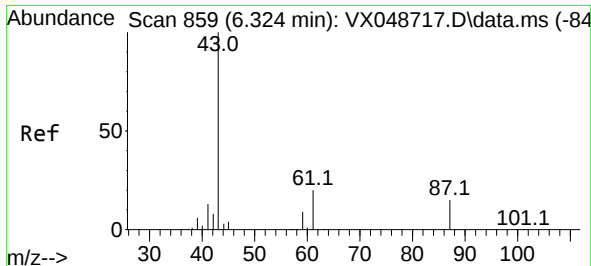
Supervised By :Mahesh Dadoda 12/09/2025



#42
1,2-Dichloroethane
Concen: 59.124 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

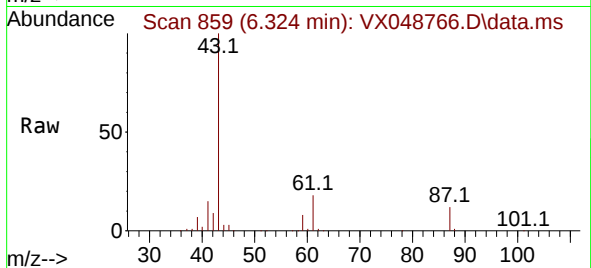
Tgt Ion: 62 Resp: 136247
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 61.494 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

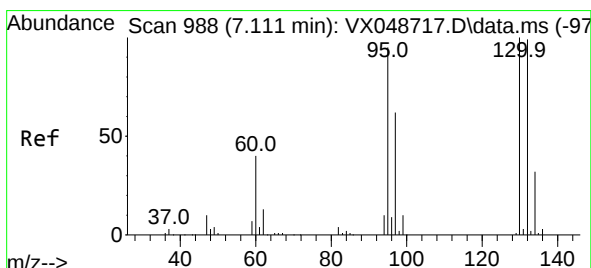
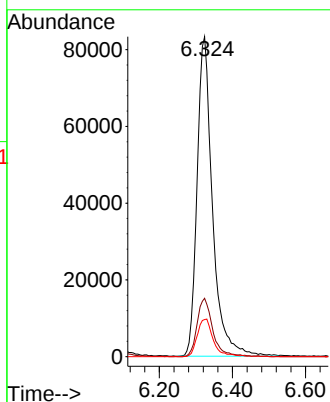
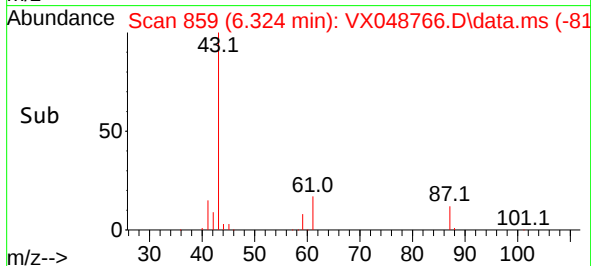
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



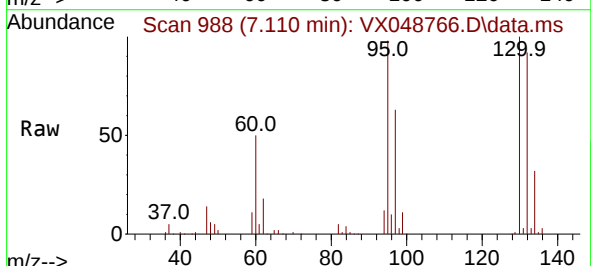
Tgt Ion: 43 Resp: 244369
Ion Ratio Lower Upper
43 100
61 18.5 16.8 25.2
87 12.3 11.8 17.6

Manual Integrations
APPROVED

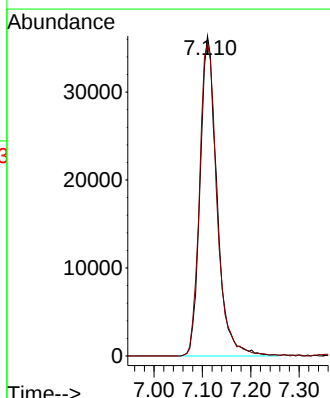
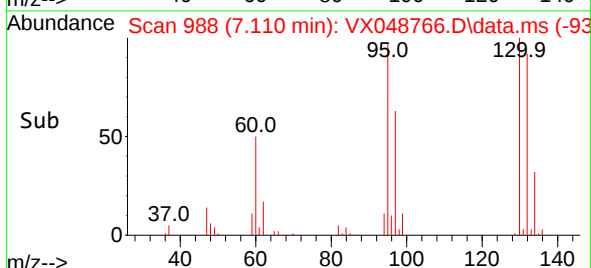
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

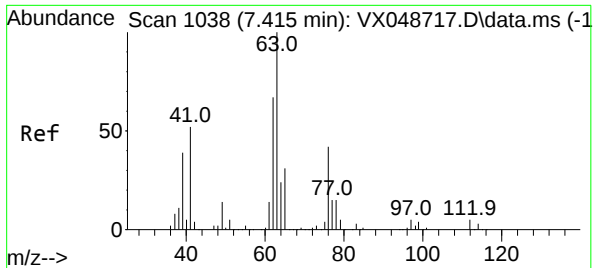


#44
Trichloroethene
Concen: 51.918 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



Tgt Ion:130 Resp: 88201
Ion Ratio Lower Upper
130 100
95 97.7 0.0 189.6





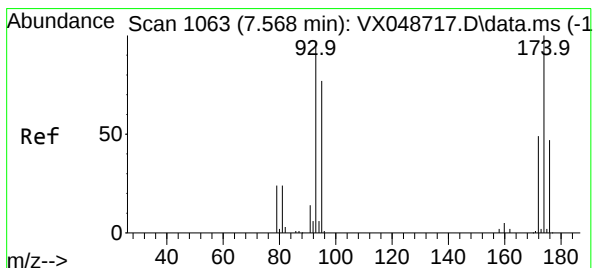
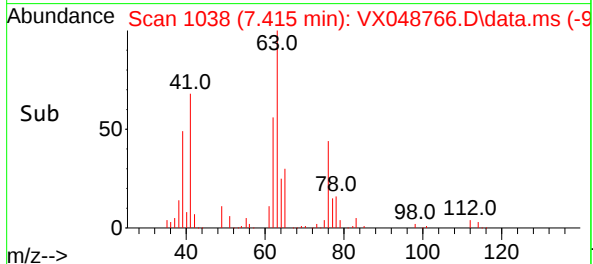
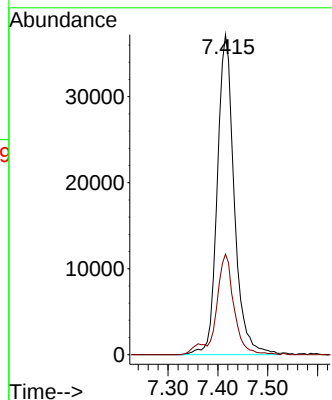
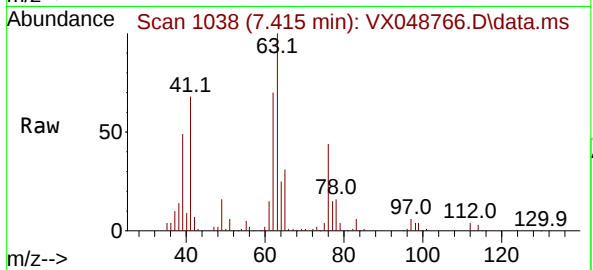
#45
1,2-Dichloropropane
Concen: 53.933 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 8776
Ion Ratio Lower Upper
63 100
65 31.4 24.5 36.7

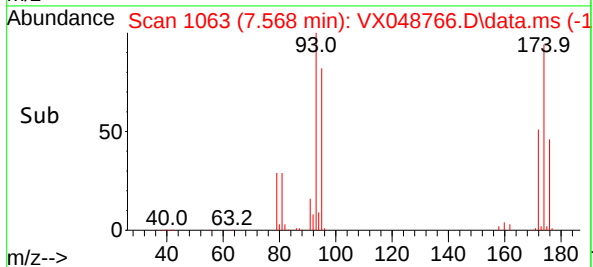
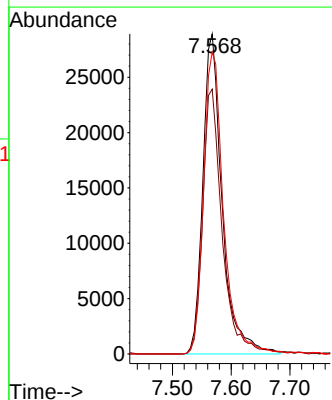
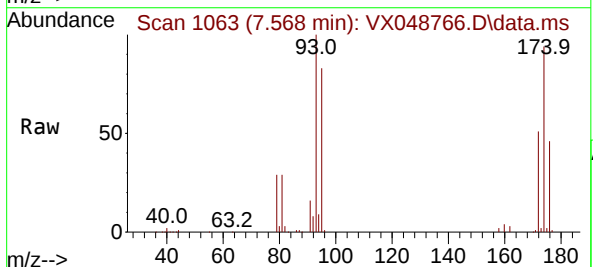
Manual Integrations
APPROVED

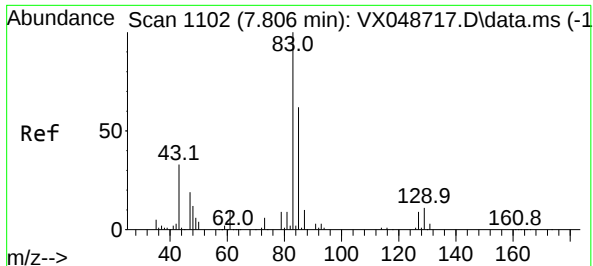
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#46
Dibromomethane
Concen: 53.489 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 93 Resp: 66009
Ion Ratio Lower Upper
93 100
95 83.4 65.5 98.3
174 97.5 82.0 123.0





#47

Bromodichloromethane

Concen: 53.263 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 13704

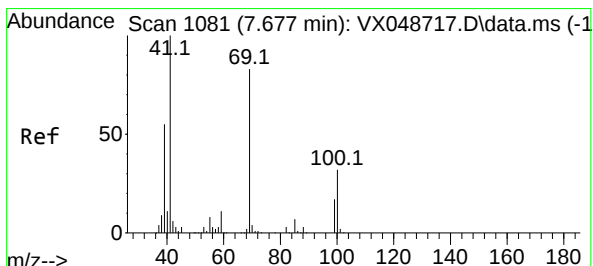
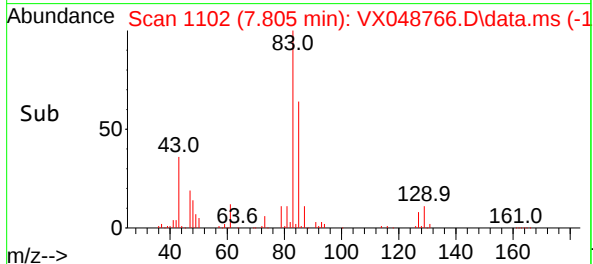
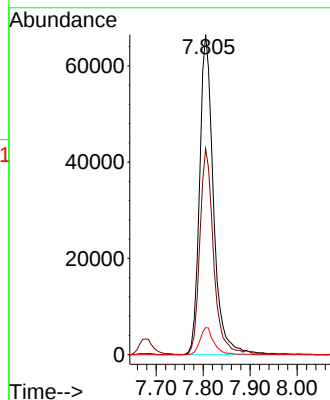
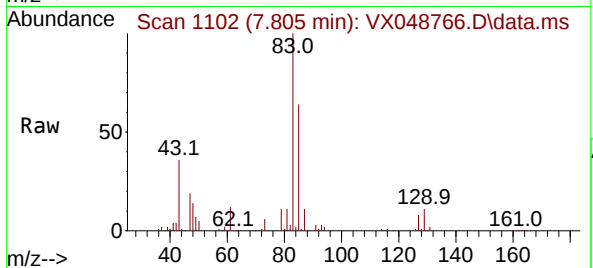
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.8	74.8
127	8.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#48

Methyl methacrylate

Concen: 58.710 ug/l

RT: 7.677 min Scan# 1081

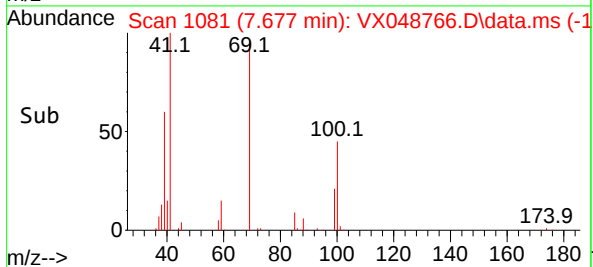
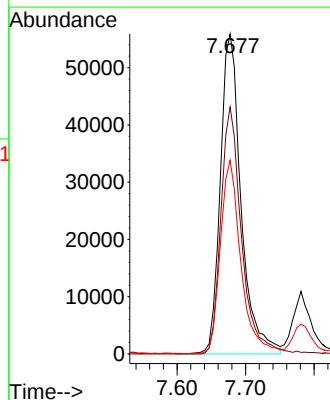
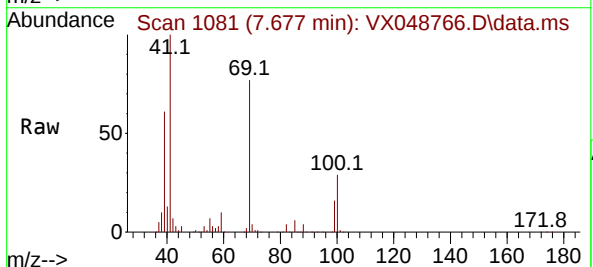
Delta R.T. -0.000 min

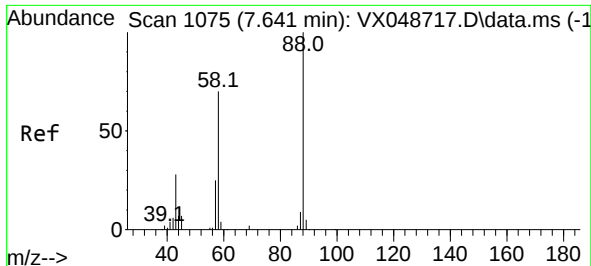
Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion: 41 Resp: 117362

Ion	Ratio	Lower	Upper
41	100		
69	76.5	68.5	102.7
39	59.4	43.5	65.3





#49

1,4-Dioxane

Concen: 1041.737 ug/l

RT: 7.647 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 28640

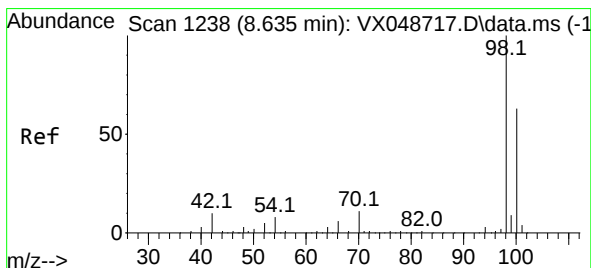
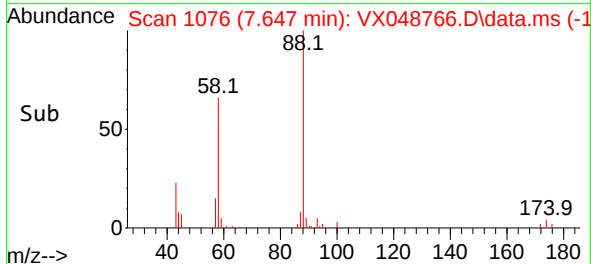
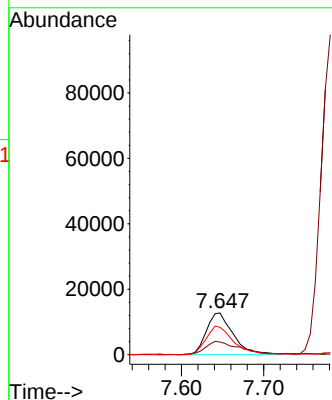
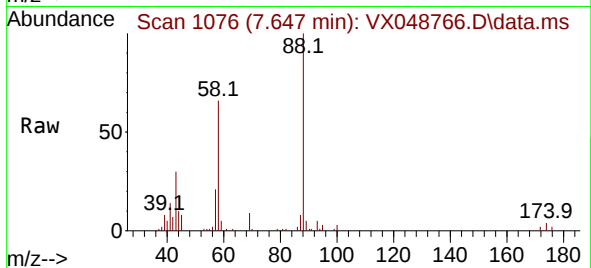
Ion	Ratio	Lower	Upper
88	100		
43	42.2	28.6	43.0
58	69.6	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#50

Toluene-d8

Concen: 38.379 ug/l

RT: 8.634 min Scan# 1238

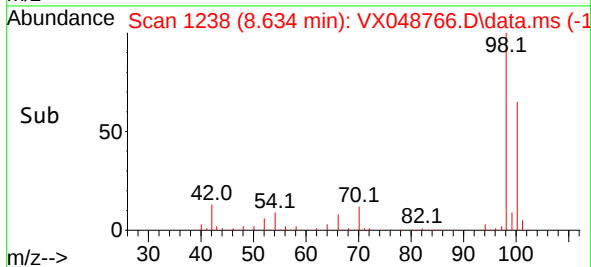
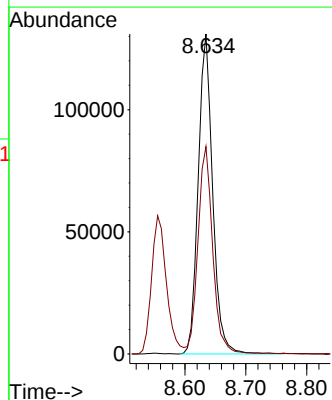
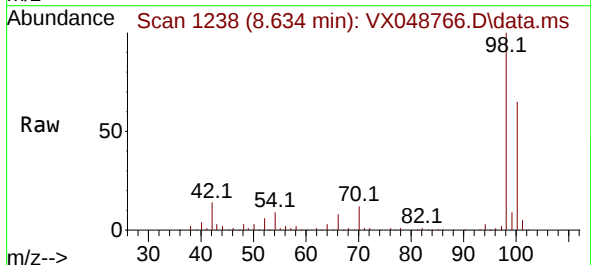
Delta R.T. -0.000 min

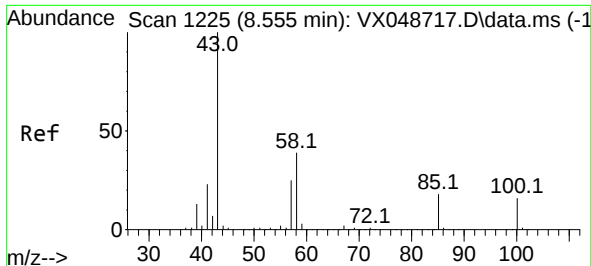
Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion: 98 Resp: 215725

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 274.452 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

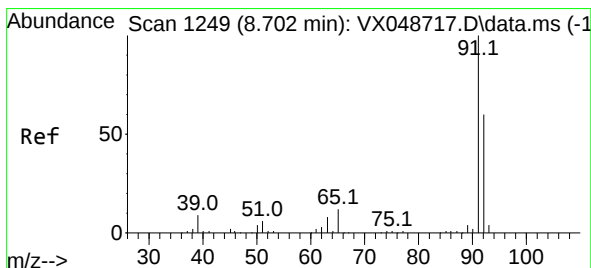
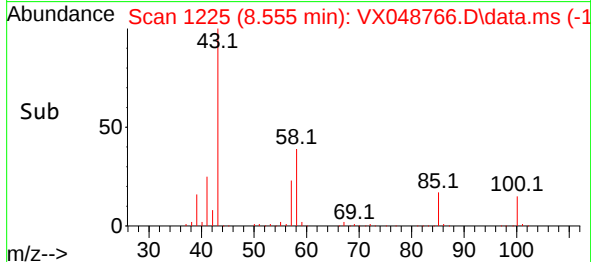
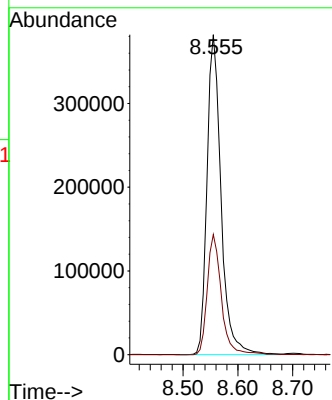
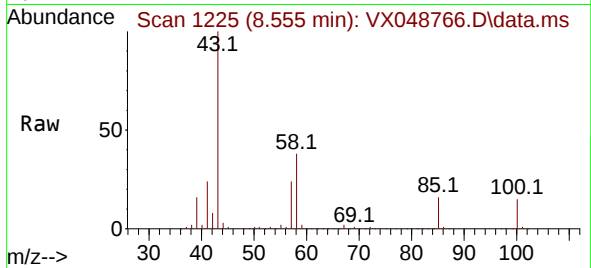
VSTDCCC050EC

Tgt Ion: 43 Resp: 676958
Ion Ratio Lower Upper
43 100
58 37.8 32.2 48.4

Manual Integrations

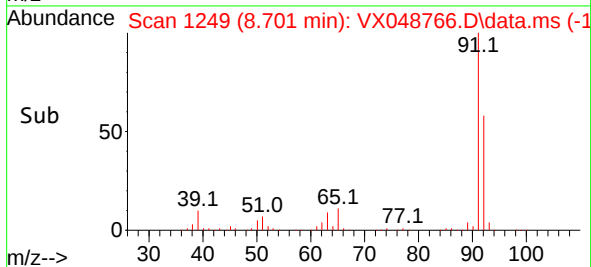
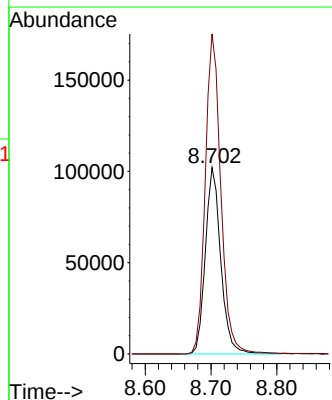
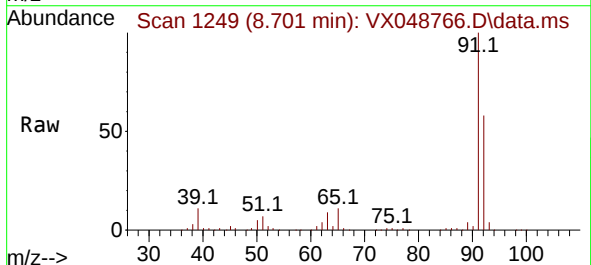
APPROVED

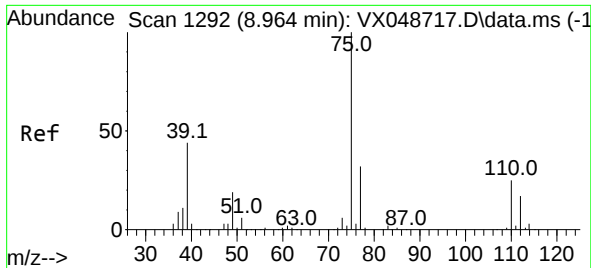
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#52
Toluene
Concen: 42.449 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 92 Resp: 166662
Ion Ratio Lower Upper
92 100
91 173.6 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 43.551 ug/l
RT: 8.964 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

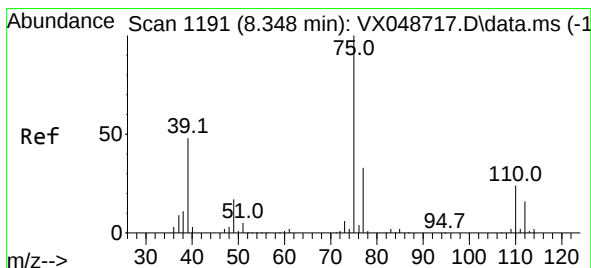
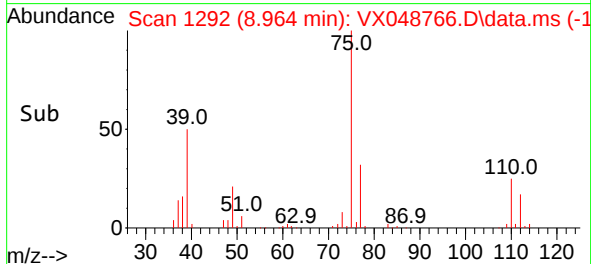
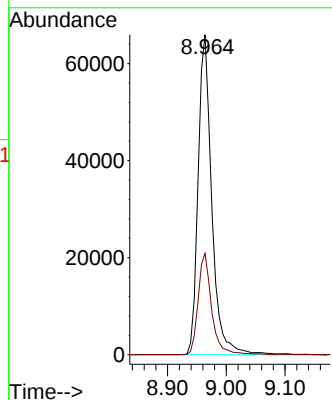
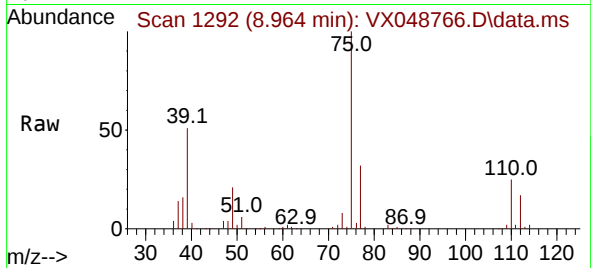
VSTDCCC050EC

Tgt Ion: 75 Resp: 106602
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

Manual Integrations

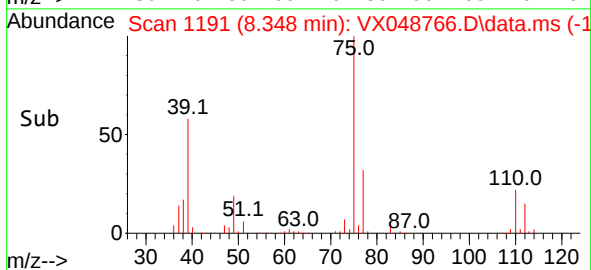
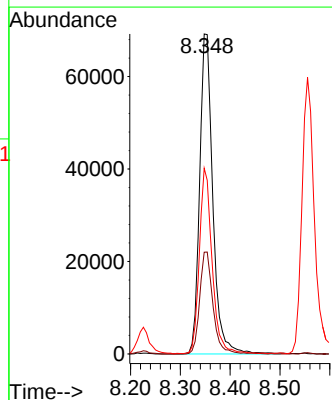
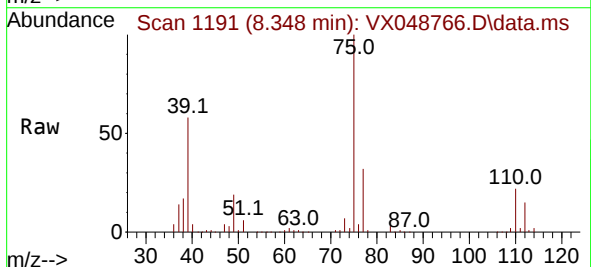
APPROVED

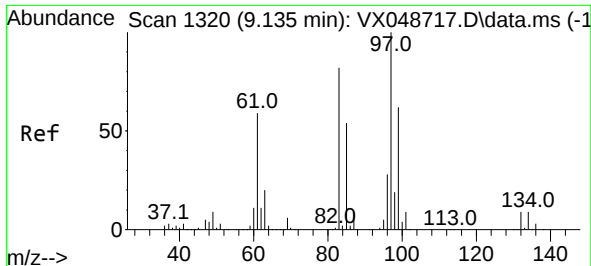
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#54
cis-1,3-Dichloropropene
Concen: 48.275 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 75 Resp: 126994
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 57.9 38.2 57.4#





#55

1,1,2-Trichloroethane

Concen: 42.385 ug/l

RT: 9.134 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

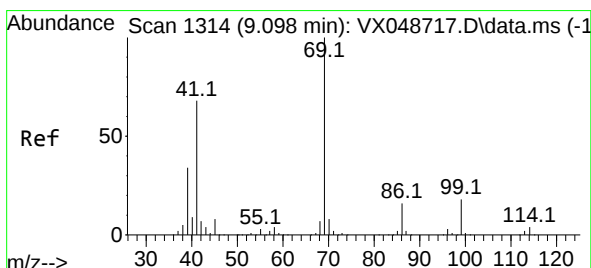
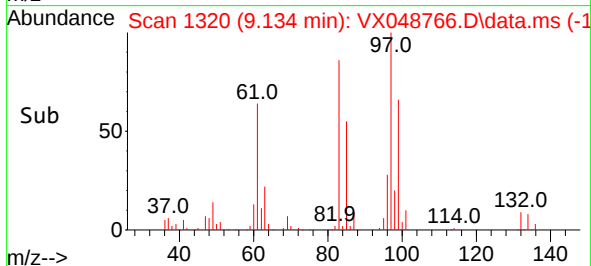
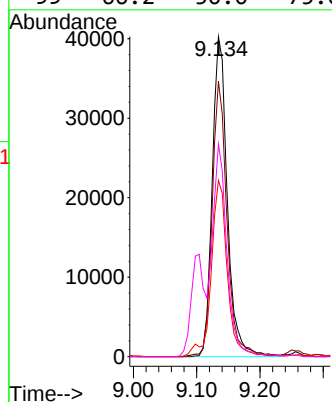
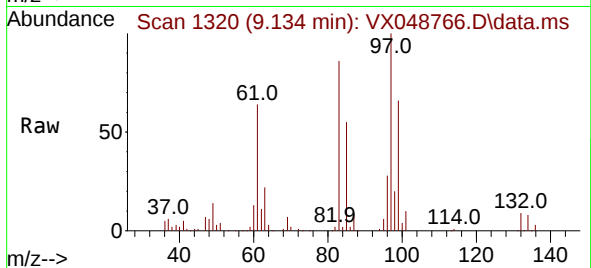
Tgt Ion:	97	Resp:	66950
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.0	99.0
85	55.1	43.2	64.8
99	66.2	50.0	75.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#56

Ethyl methacrylate

Concen: 45.010 ug/l

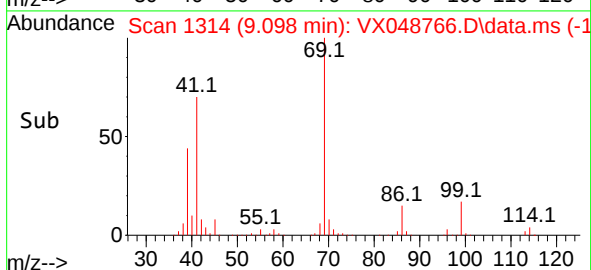
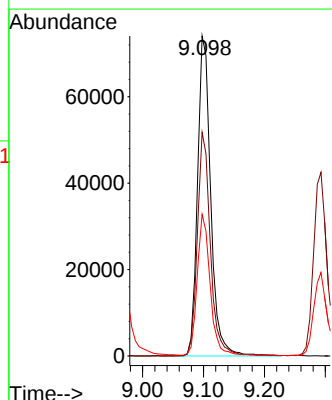
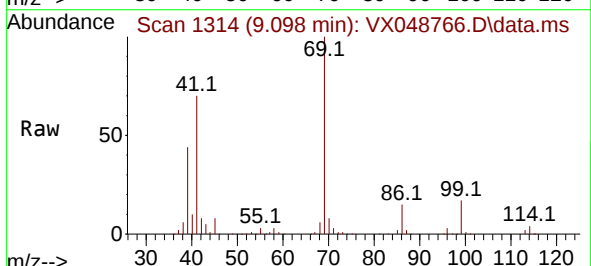
RT: 9.098 min Scan# 1314

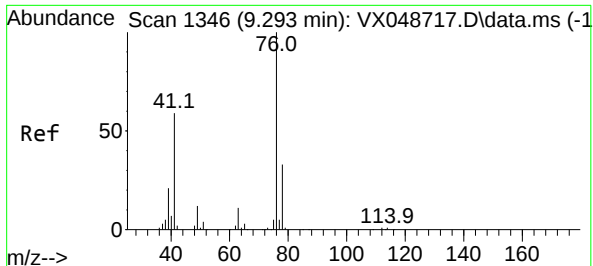
Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion:	69	Resp:	111292
Ion	Ratio	Lower	Upper
69	100		
41	69.4	53.4	80.2
39	43.0	27.5	41.3





#57

1,3-Dichloropropane

Concen: 42.361 ug/l

RT: 9.293 min Scan# 11127

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11127

Ion Ratio Lower Upper

76 100

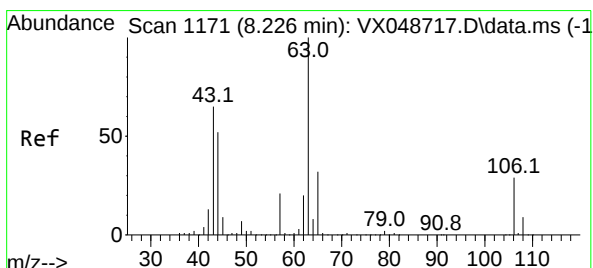
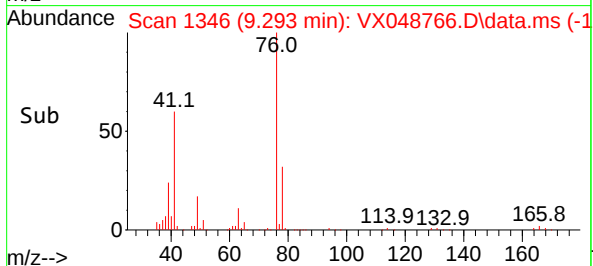
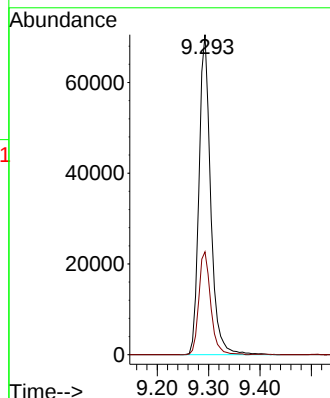
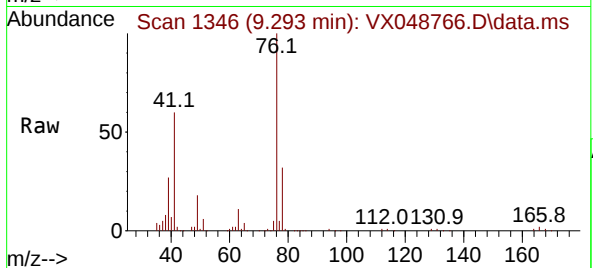
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 286.998 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048766.D

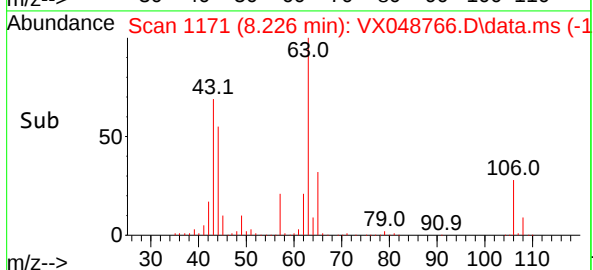
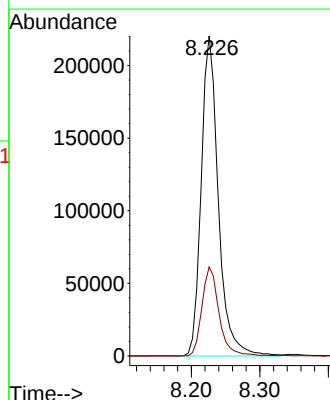
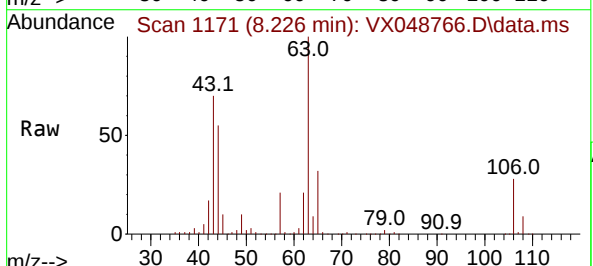
Acq: 08 Dec 2025 19:03

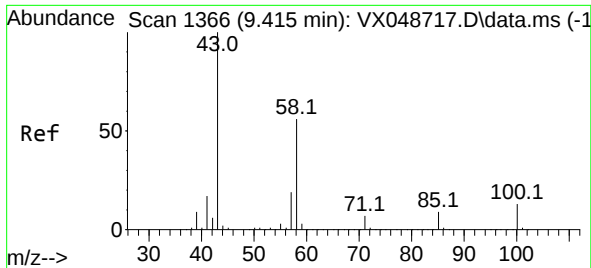
Tgt Ion: 63 Resp: 383547

Ion Ratio Lower Upper

63 100

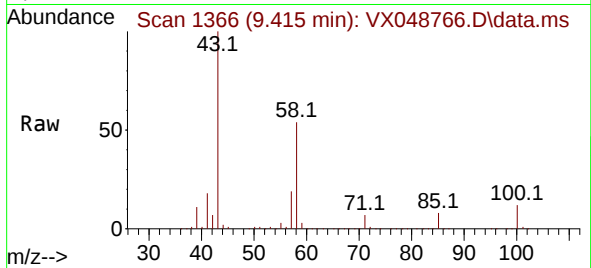
106 27.9 23.4 35.2





#59
2-Hexanone
Concen: 253.630 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

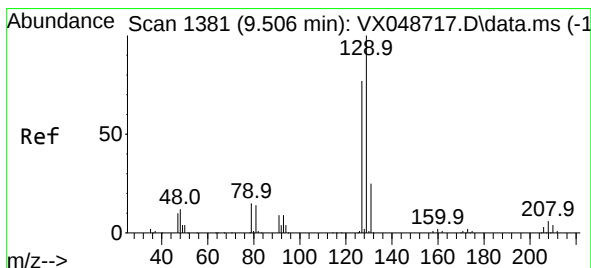
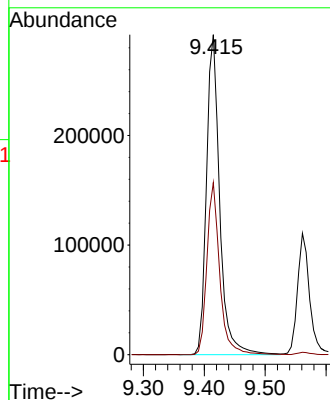
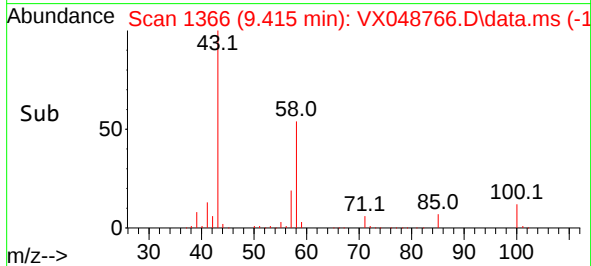
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 439158
Ion Ratio Lower Upper
43 100
58 52.4 27.8 83.4

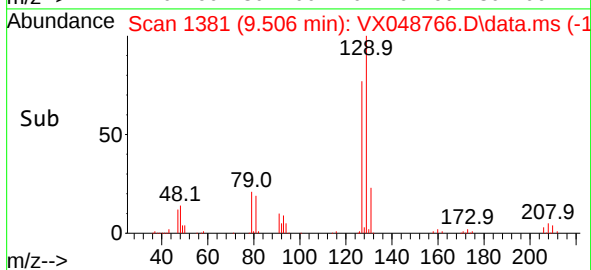
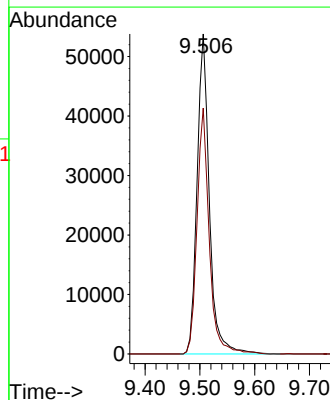
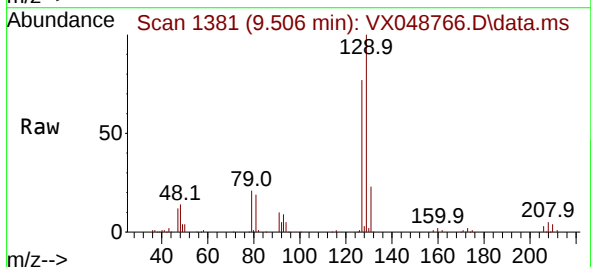
Manual Integrations
APPROVED

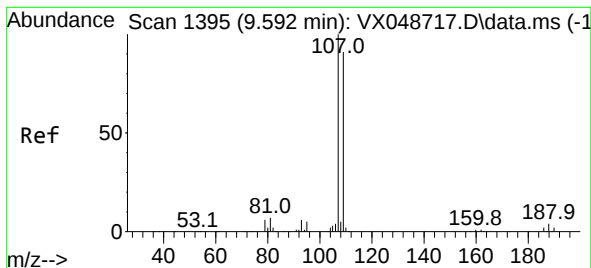
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#60
Dibromochloromethane
Concen: 43.092 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

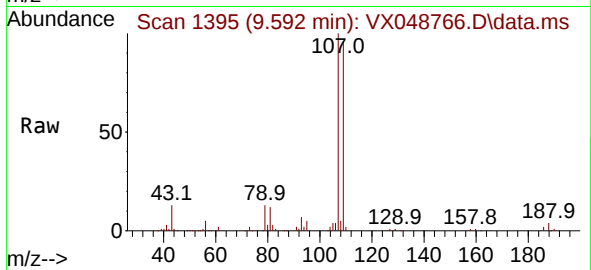
Tgt Ion:129 Resp: 84174
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 42.606 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

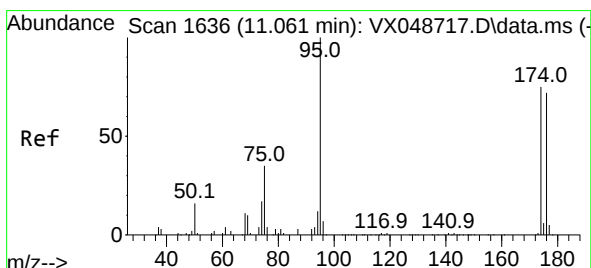
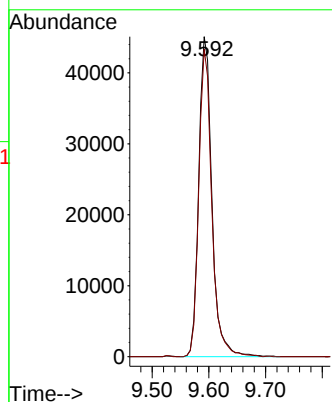
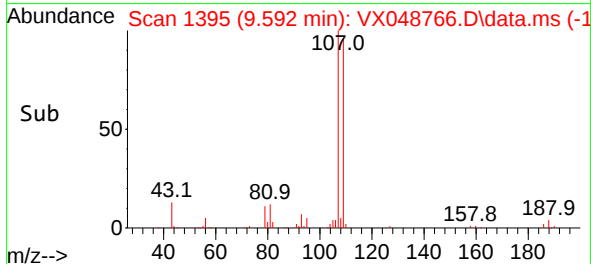
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



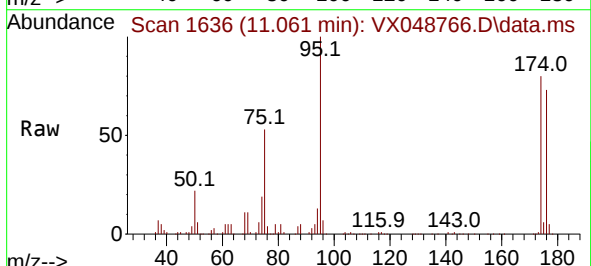
Tgt Ion:107 Resp: 72844
Ion Ratio Lower Upper
107 100
109 94.9 74.9 112.3

Manual Integrations
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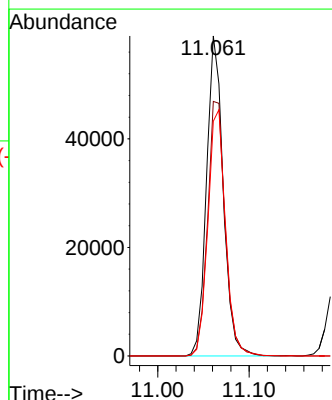
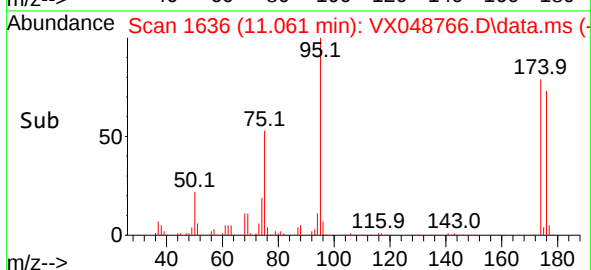
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

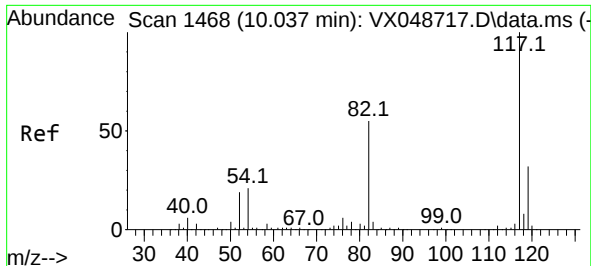


#62
4-Bromofluorobenzene
Concen: 38.554 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



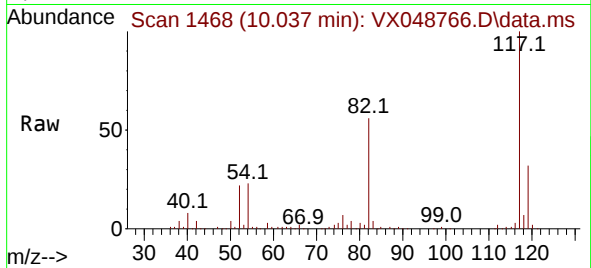
Tgt Ion: 95 Resp: 74728
Ion Ratio Lower Upper
95 100
174 84.0 0.0 157.8
176 81.3 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

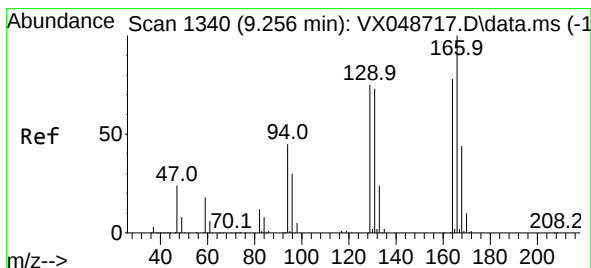
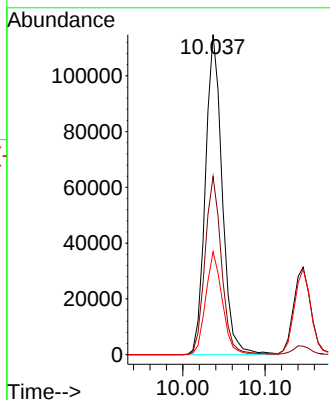
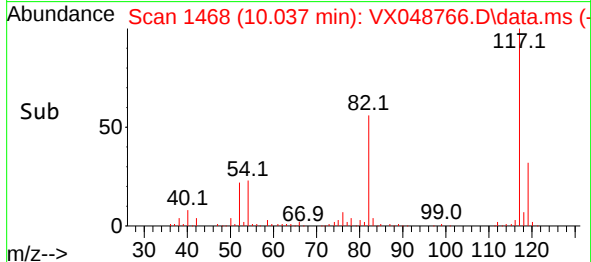
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 162972
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.2 25.2 37.8

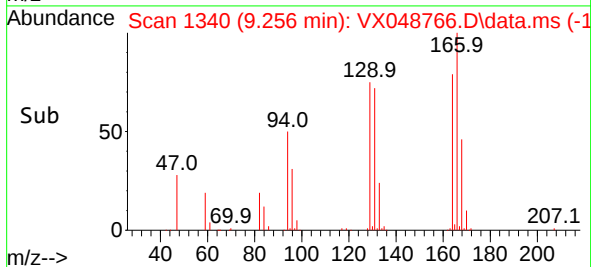
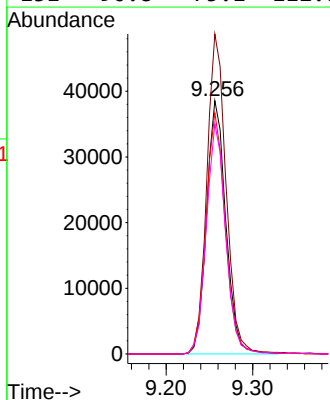
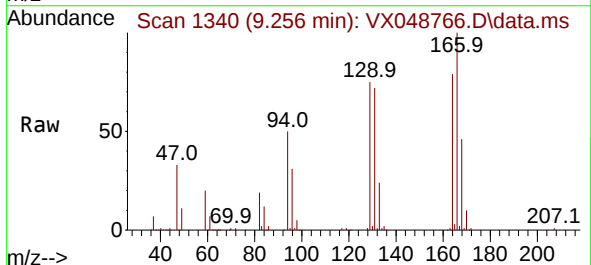
Manual Integrations
APPROVED

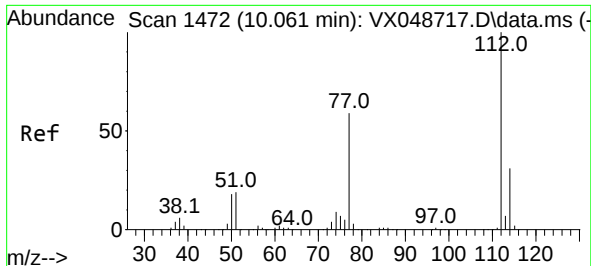
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#64
Tetrachloroethene
Concen: 50.155 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion:164 Resp: 59580
Ion Ratio Lower Upper
164 100
166 126.3 103.1 154.7
129 95.2 76.9 115.3
131 90.8 75.1 112.7





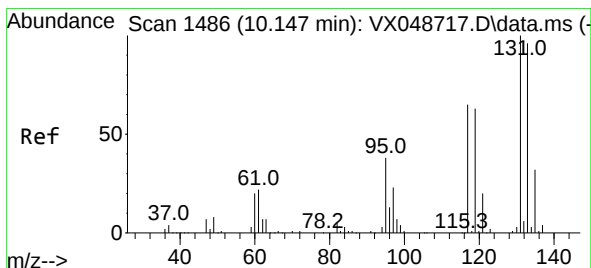
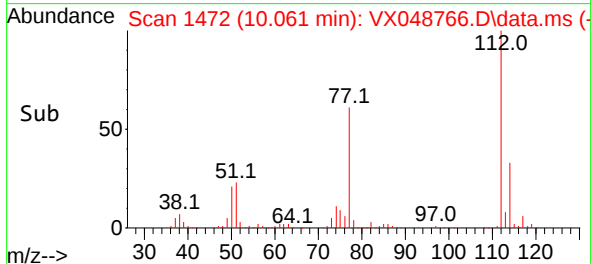
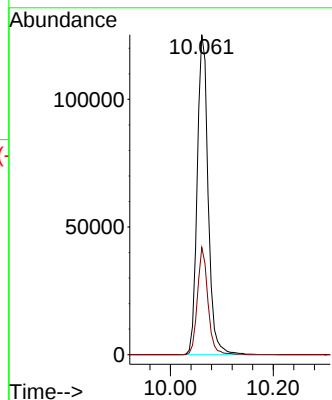
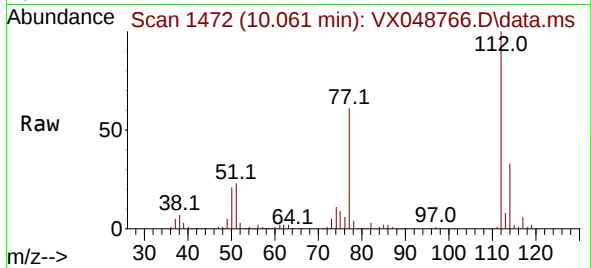
#65
Chlorobenzene
Concen: 52.077 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 18577
Ion Ratio Lower Upper
112 100
114 33.5 24.8 37.2

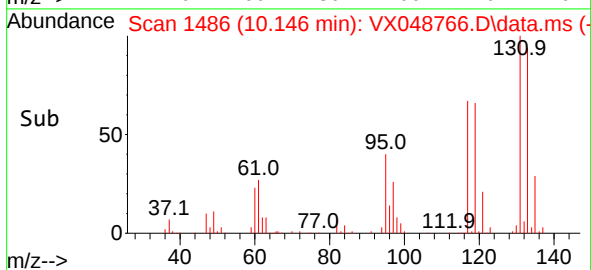
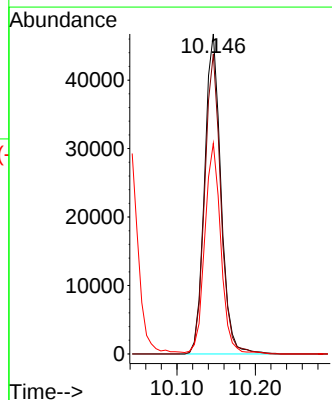
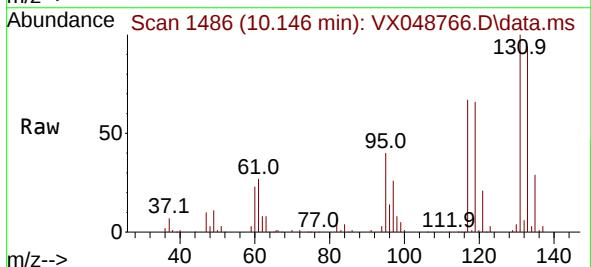
Manual Integrations
APPROVED

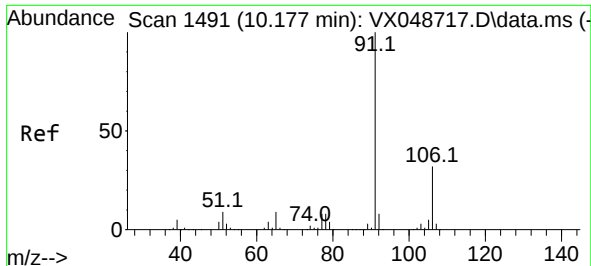
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.950 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

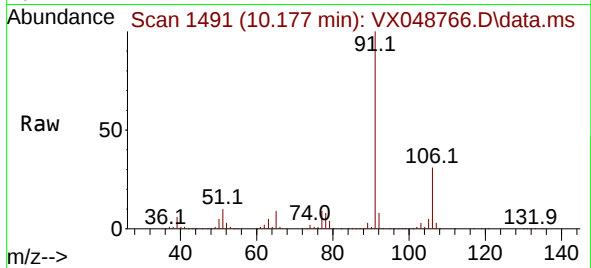
Tgt Ion:131 Resp: 67560
Ion Ratio Lower Upper
131 100
133 93.1 48.3 144.8
119 64.9 32.6 97.7





#67
Ethyl Benzene
Concen: 55.386 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

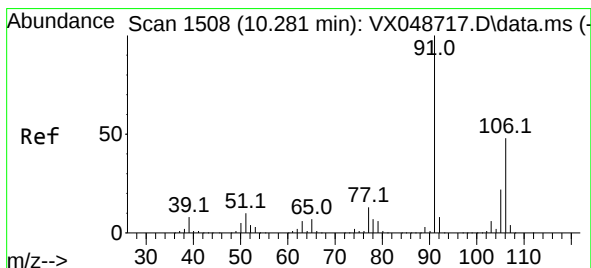
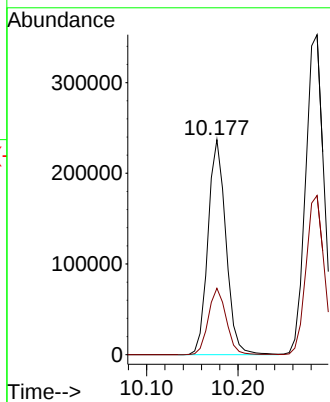
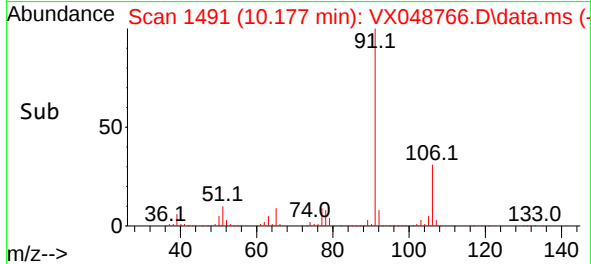
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



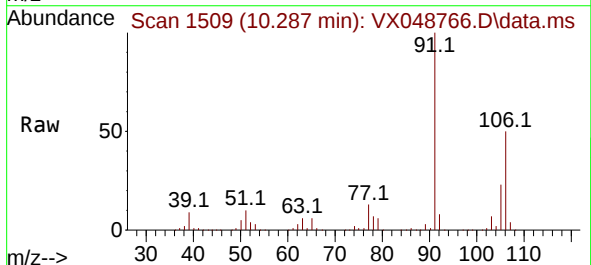
Tgt Ion: 91 Resp: 322409
Ion Ratio Lower Upper
91 100
106 30.8 25.3 37.9

Manual Integrations
APPROVED

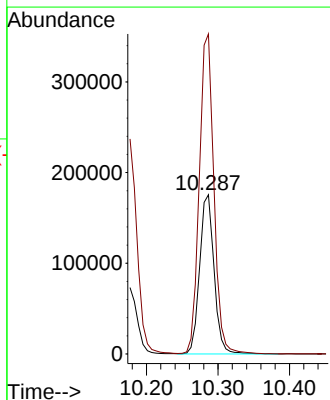
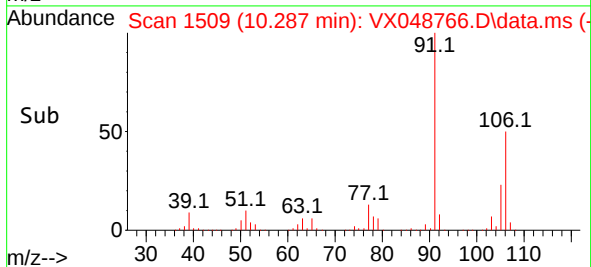
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

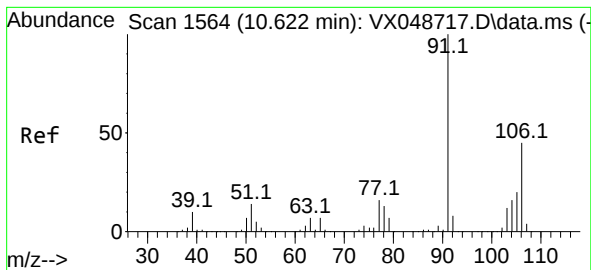


#68
m/p-Xylenes
Concen: 108.507 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



Tgt Ion:106 Resp: 246039
Ion Ratio Lower Upper
106 100
91 203.2 164.2 246.4





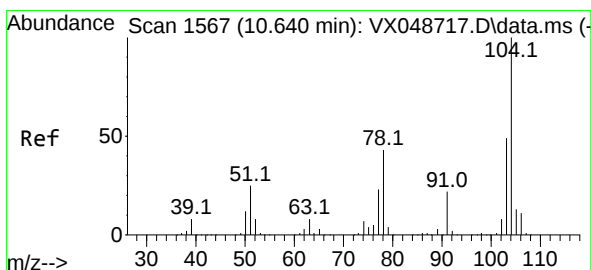
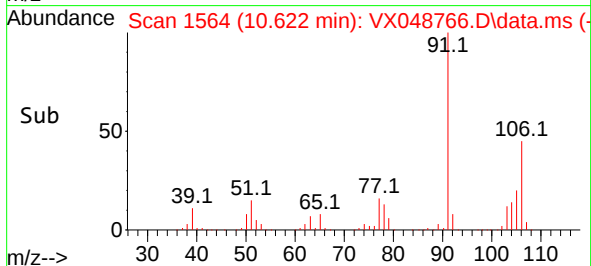
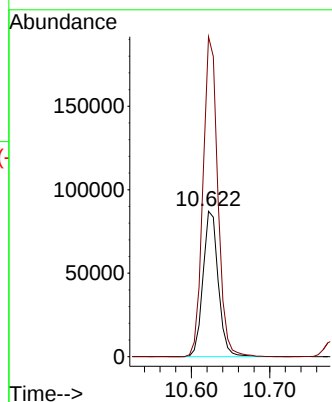
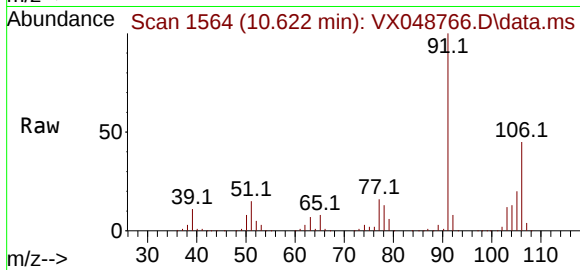
#69
o-Xylene
Concen: 55.283 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11746
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3

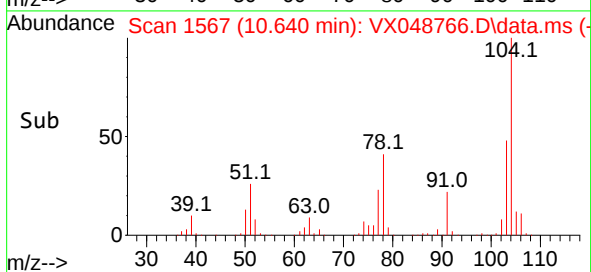
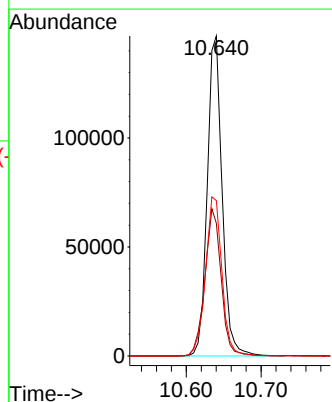
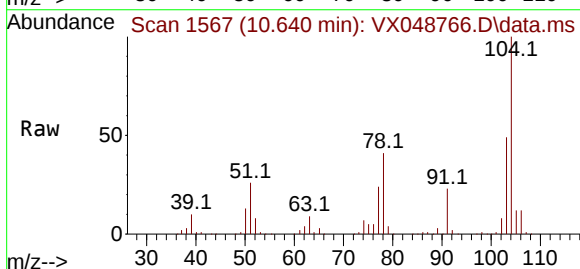
Manual Integrations
APPROVED

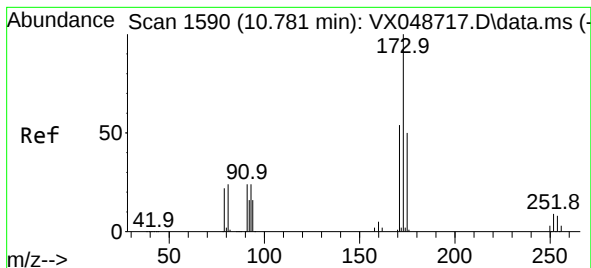
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#70
Styrene
Concen: 55.577 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion:104 Resp: 202723
Ion Ratio Lower Upper
104 100
78 50.2 40.6 60.8
103 54.9 43.4 65.2





#71

Bromoform

Concen: 53.164 ug/l

RT: 10.780 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

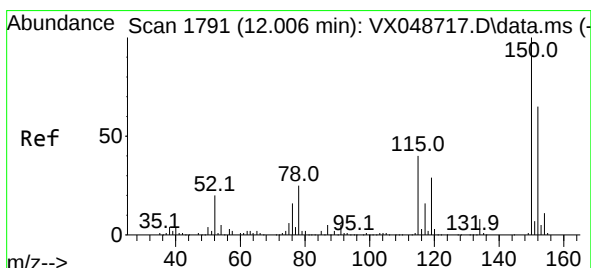
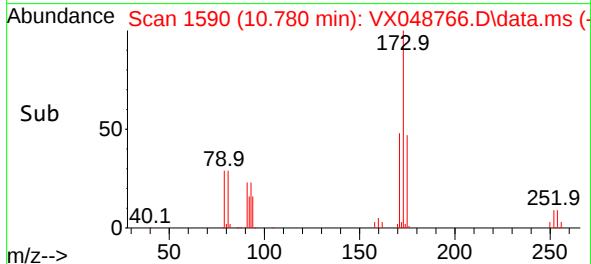
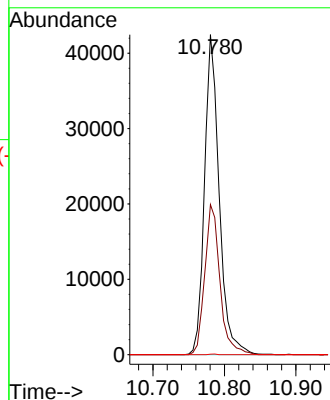
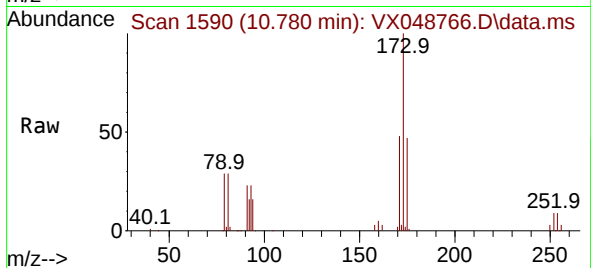
Tgt Ion:173 Resp: 60559
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.3 72.8
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

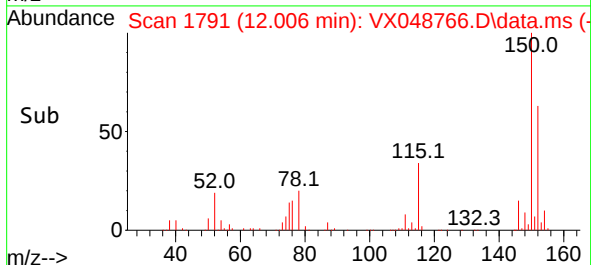
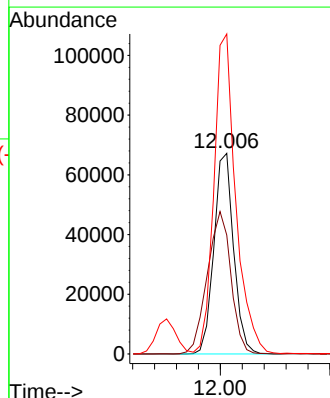
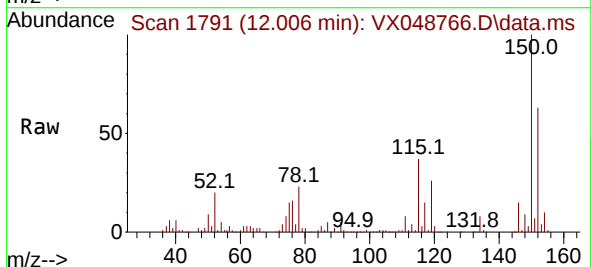
RT: 12.006 min Scan# 1791

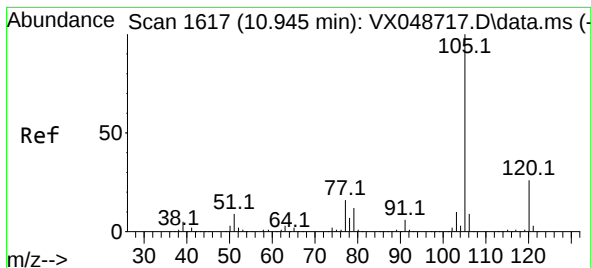
Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion:152 Resp: 83975
 Ion Ratio Lower Upper
 152 100
 115 85.1 42.1 126.4
 150 176.4 0.0 347.8





#73

Isopropylbenzene

Concen: 54.518 ug/l

RT: 10.945 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 30851

Ion Ratio Lower Upper

105 100

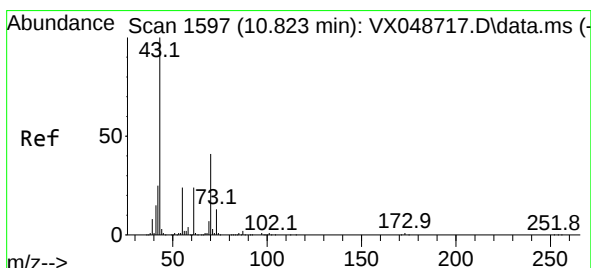
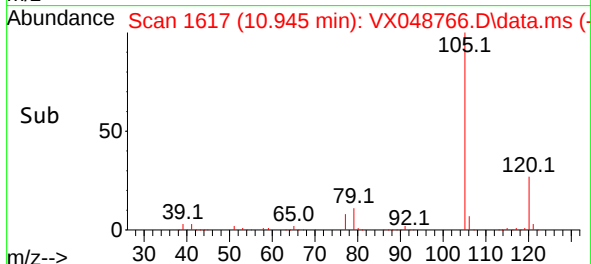
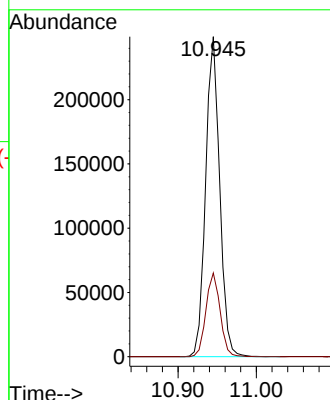
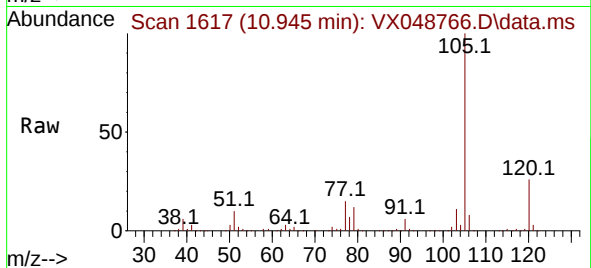
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#74

N-ethyl acetate

Concen: 61.400 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion: 43 Resp: 150972

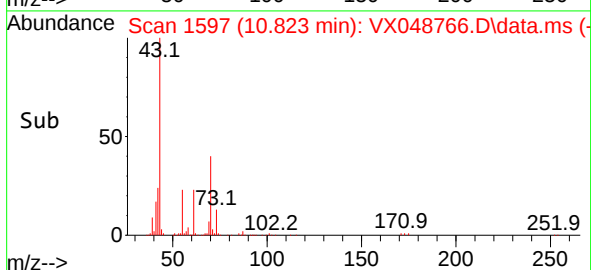
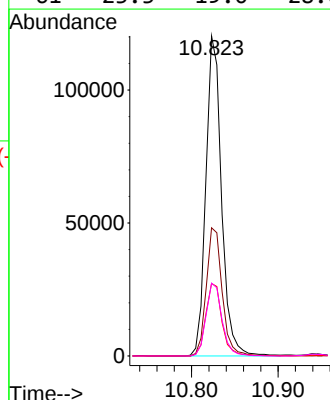
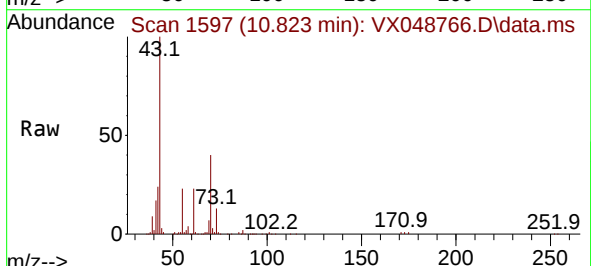
Ion Ratio Lower Upper

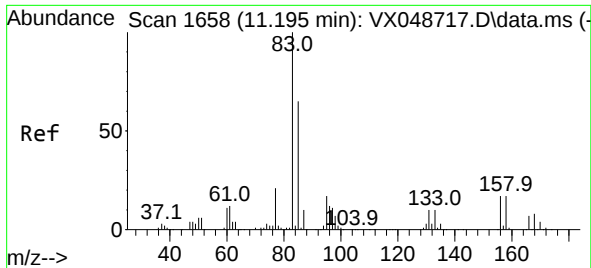
43 100

70 40.8 33.9 50.9

55 23.5 19.1 28.7

61 23.3 19.0 28.6





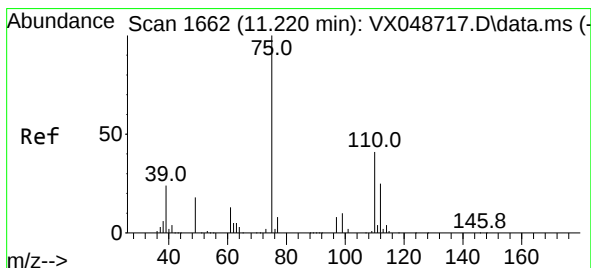
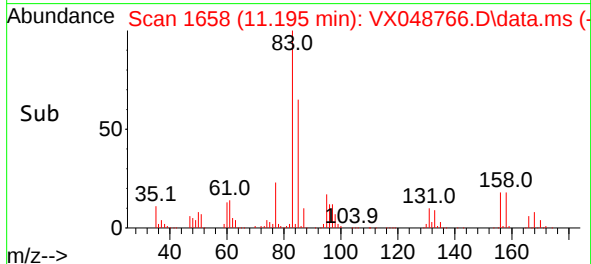
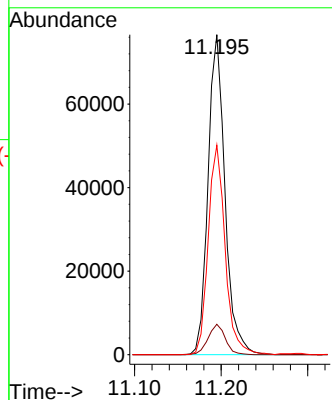
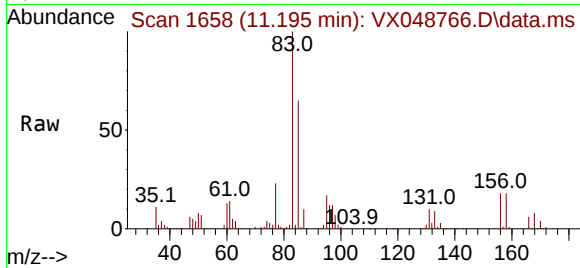
#75
1,1,2,2-Tetrachloroethane
Concen: 54.499 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10406
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.5 31.9 95.7

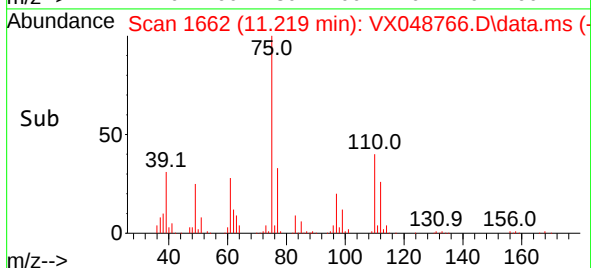
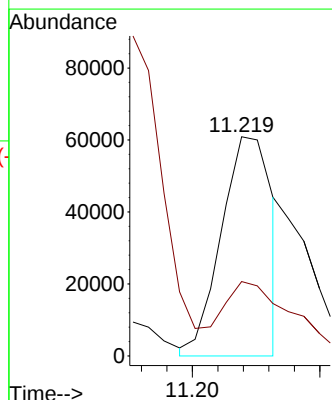
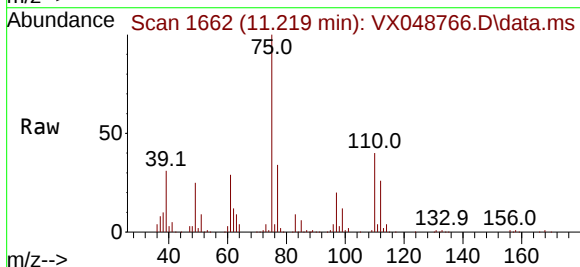
Manual Integrations
APPROVED

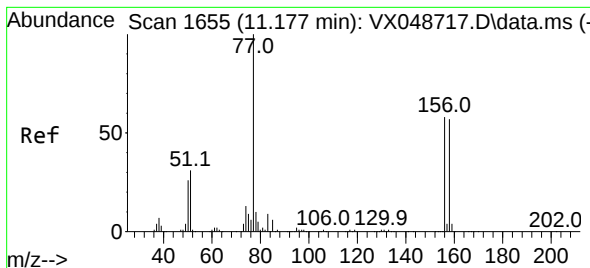
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#76
1,2,3-Trichloropropane
Concen: 53.924 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

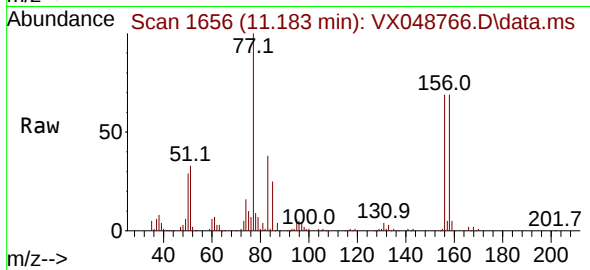
Tgt Ion: 75 Resp: 84341
Ion Ratio Lower Upper
75 100
77 48.0 24.3 73.0





#77
Bromobenzene
Concen: 52.026 ug/l
RT: 11.183 min Scan# 1655
Delta R.T. 0.006 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

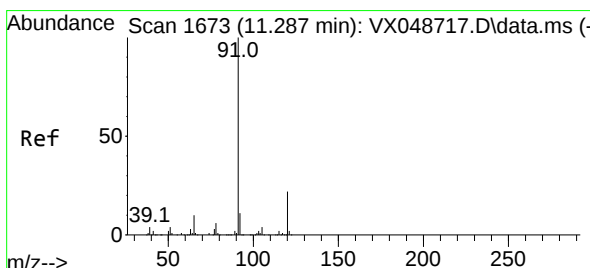
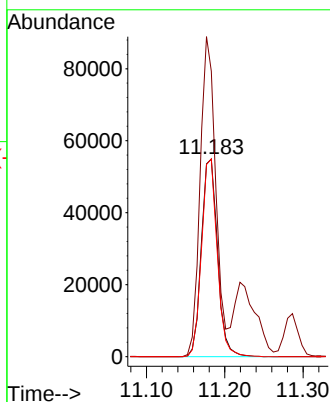
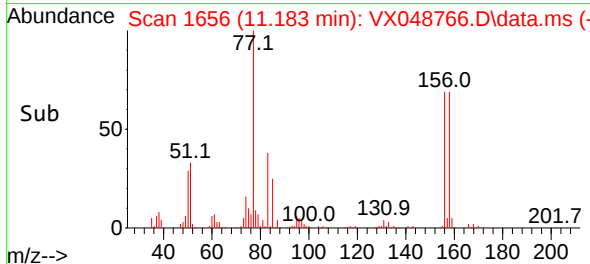
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 78580
Ion Ratio Lower Upper
156 100
77 155.4 80.3 240.9
158 97.3 48.9 146.6

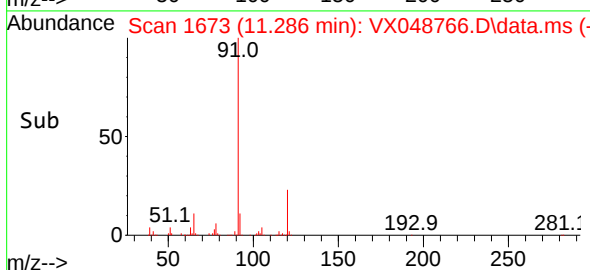
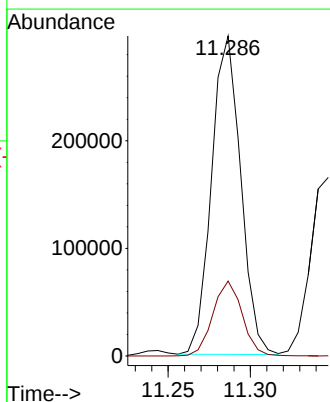
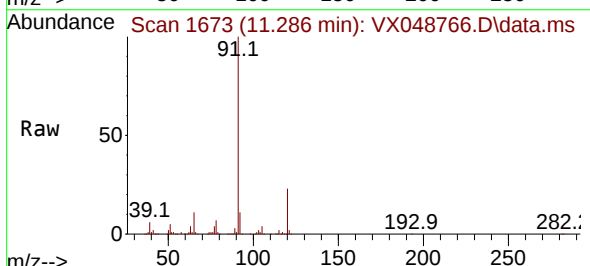
Manual Integrations
APPROVED

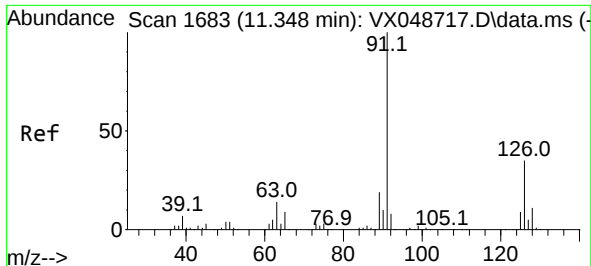
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#78
n-propylbenzene
Concen: 55.745 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 91 Resp: 365357
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2





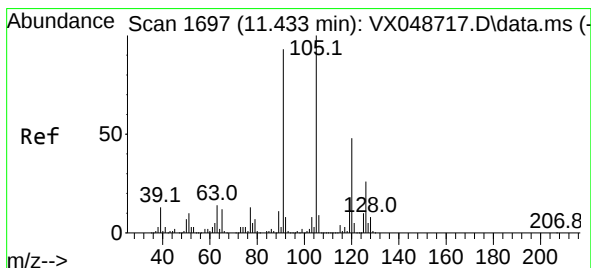
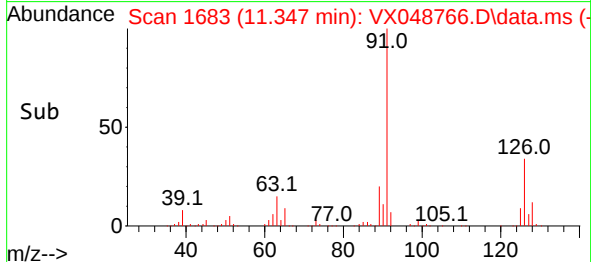
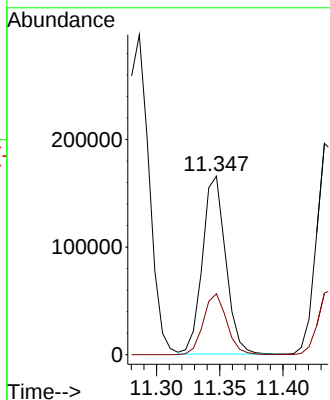
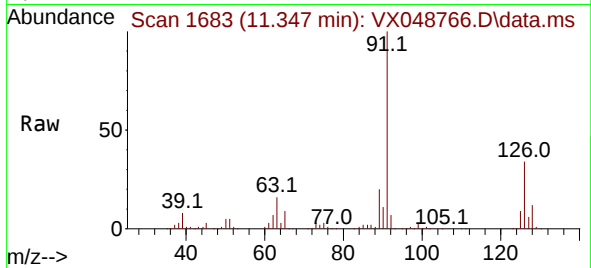
#79
2-Chlorotoluene
Concen: 53.102 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 21222
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

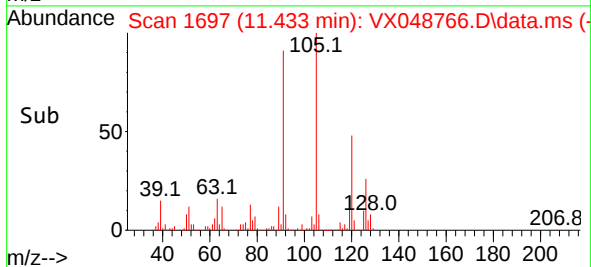
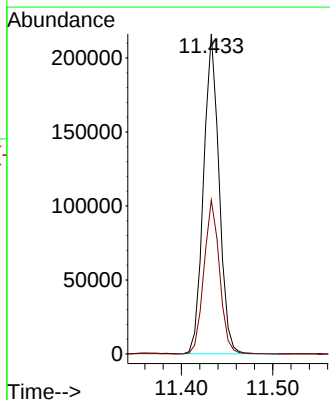
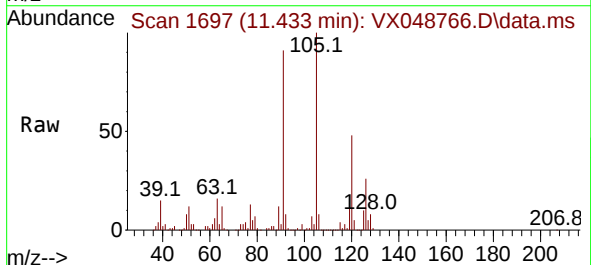
Manual Integrations
APPROVED

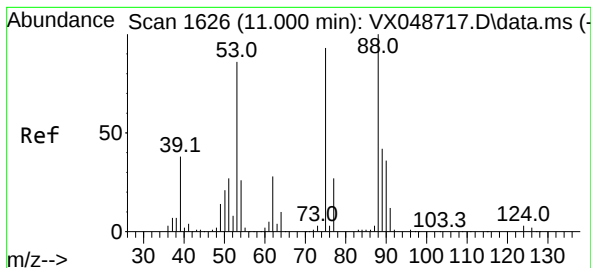
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.517 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion:105 Resp: 253589
Ion Ratio Lower Upper
105 100
120 48.4 24.4 73.2





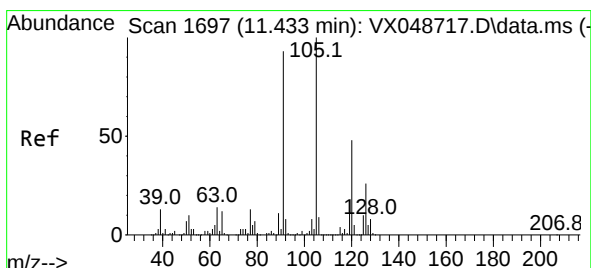
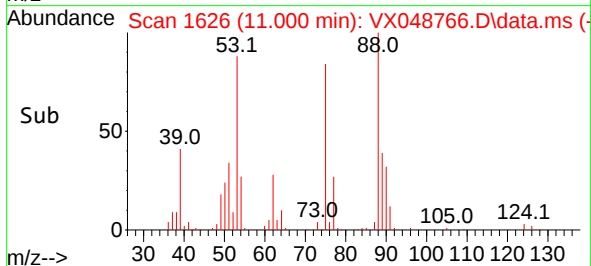
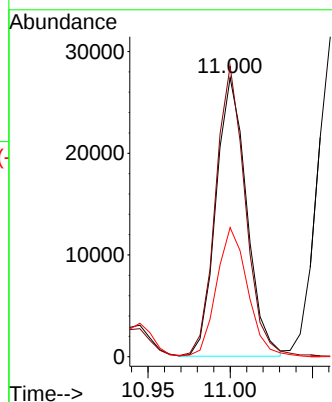
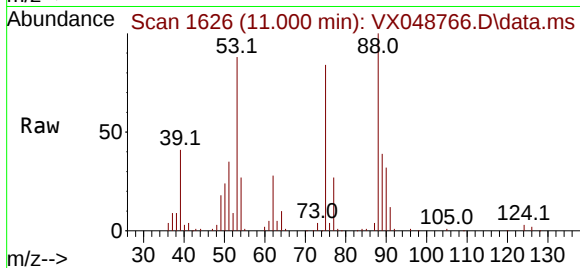
#81
trans-1,4-Dichloro-2-butene
Concen: 53.867 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 35468
Ion Ratio Lower Upper
75 100
53 101.2 79.9 119.9
89 47.2 67.1 100.7

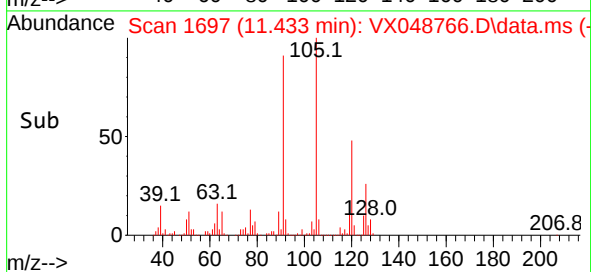
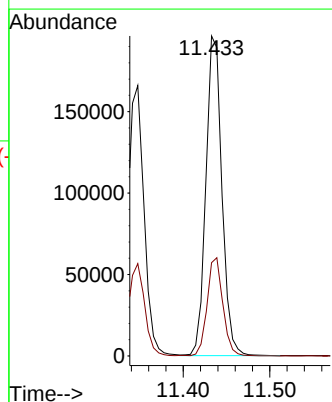
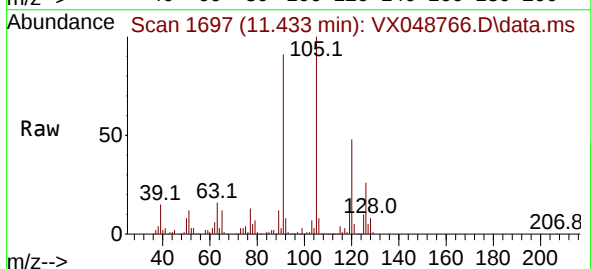
Manual Integrations
APPROVED

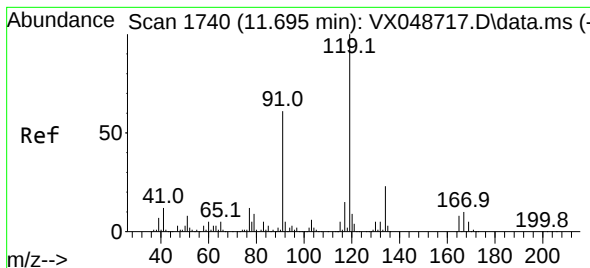
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#82
4-Chlorotoluene
Concen: 54.123 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

Tgt Ion: 91 Resp: 252423
Ion Ratio Lower Upper
91 100
126 30.2 14.7 44.1





#83

tert-Butylbenzene

Concen: 55.023 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 265940

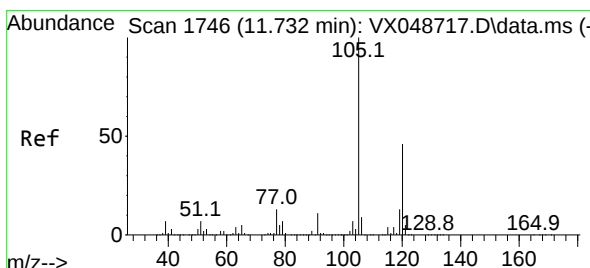
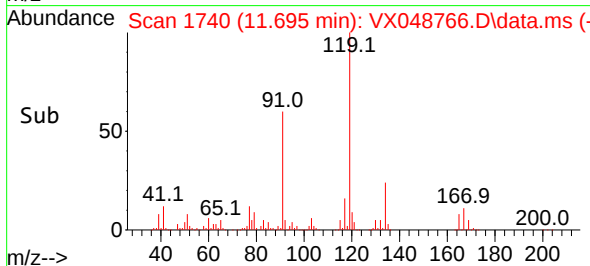
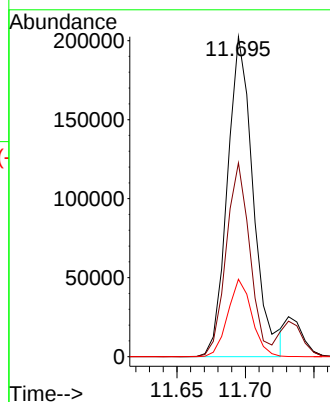
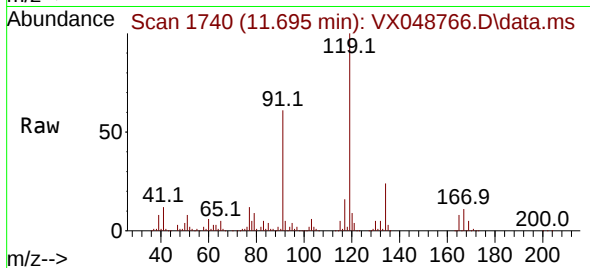
Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.4	85.2
134	22.6	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.757 ug/l

RT: 11.731 min Scan# 1746

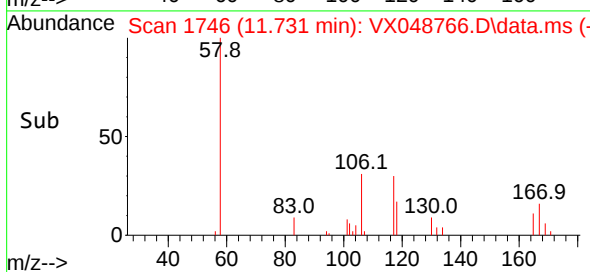
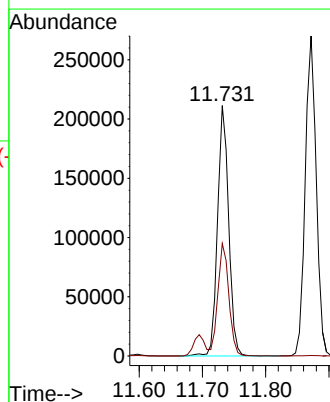
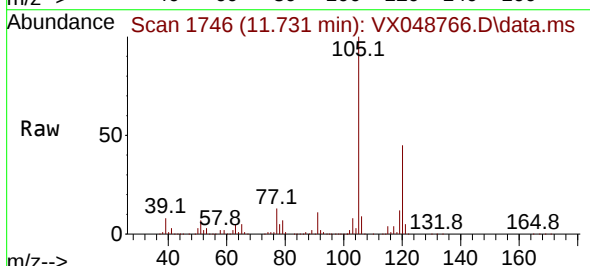
Delta R.T. -0.000 min

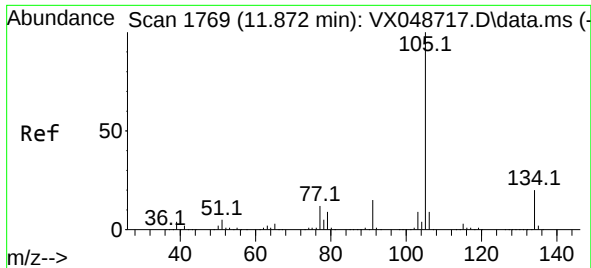
Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Tgt Ion:105 Resp: 256929

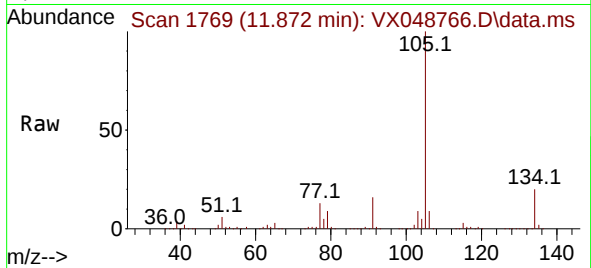
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





#85
 sec-Butylbenzene
 Concen: 55.279 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03

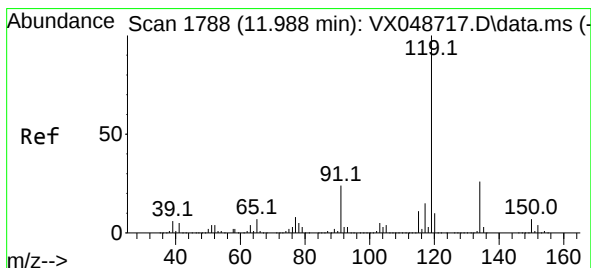
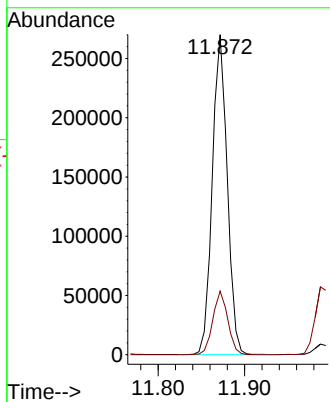
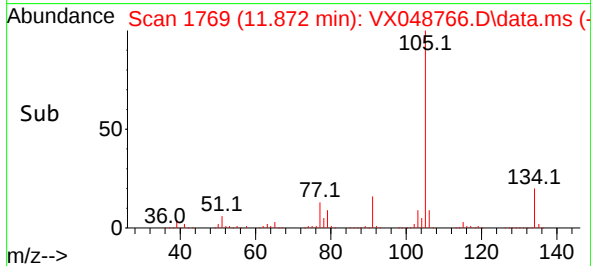
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



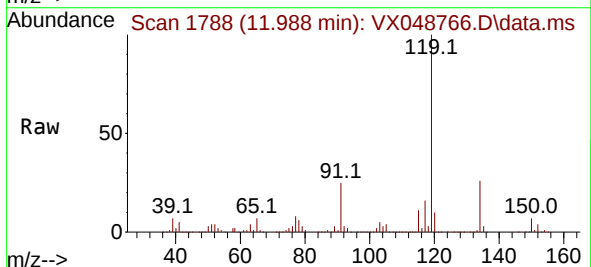
Tgt Ion:105 Resp: 323799
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
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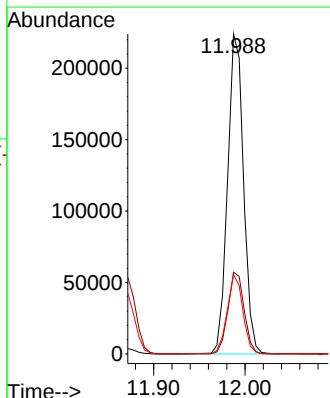
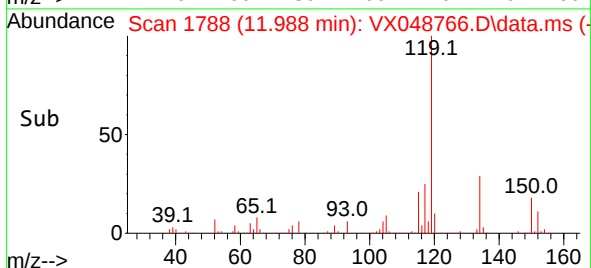
Reviewed By :John Carlone 12/09/2025
 Supervised By :Mahesh Dadoda 12/09/2025

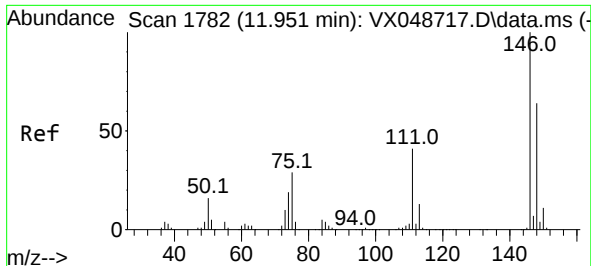


#86
 p-Isopropyltoluene
 Concen: 54.383 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048766.D
 Acq: 08 Dec 2025 19:03



Tgt Ion:119 Resp: 272293
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 52.985 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 147532

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.8

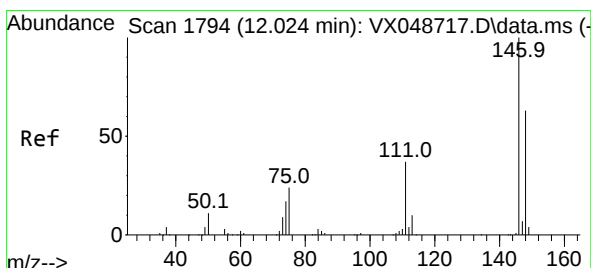
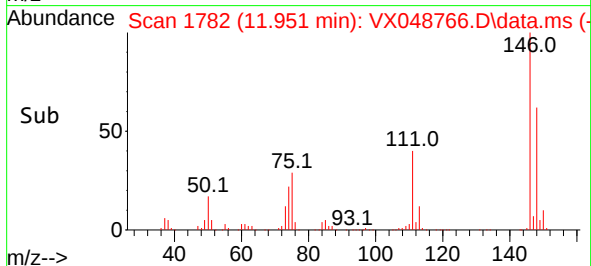
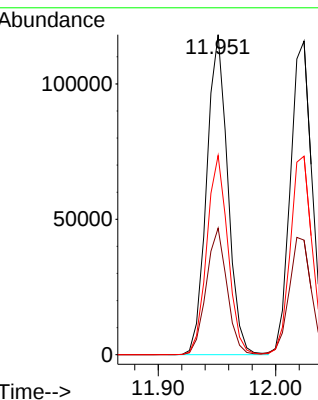
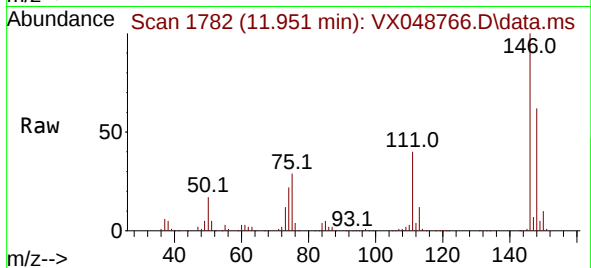
148 62.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#88

1,4-Dichlorobenzene

Concen: 51.931 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

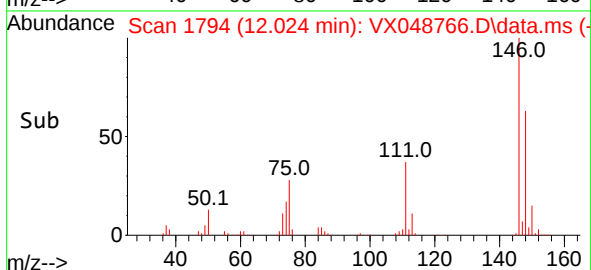
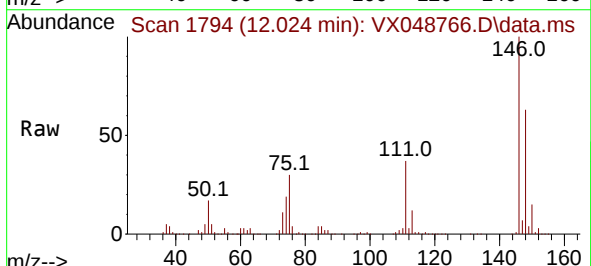
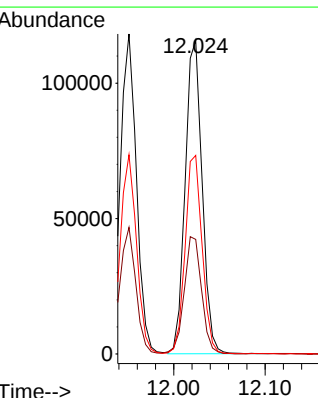
Tgt Ion:146 Resp: 149424

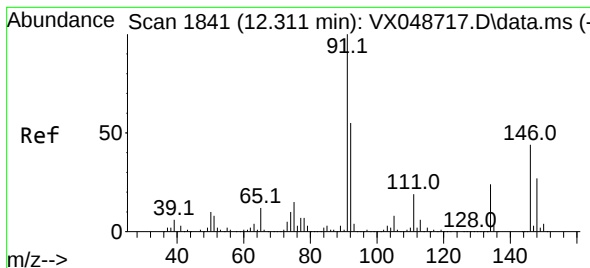
Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

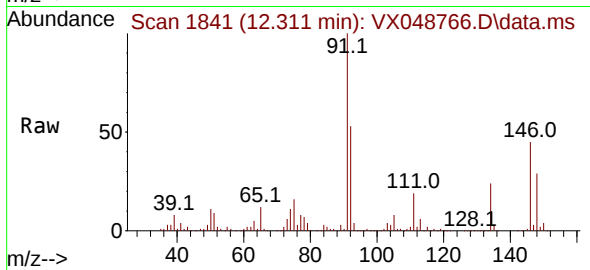
148 63.5 31.6 94.7





#89
n-Butylbenzene
Concen: 53.910 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

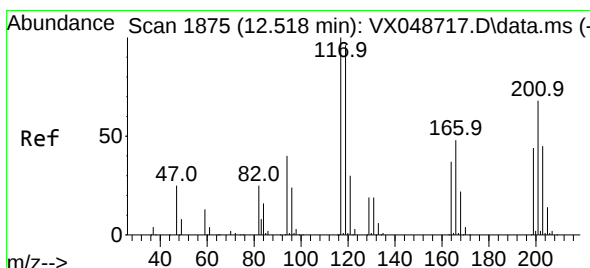
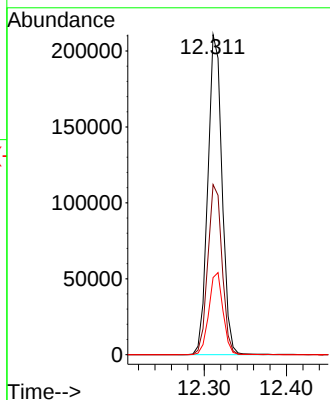
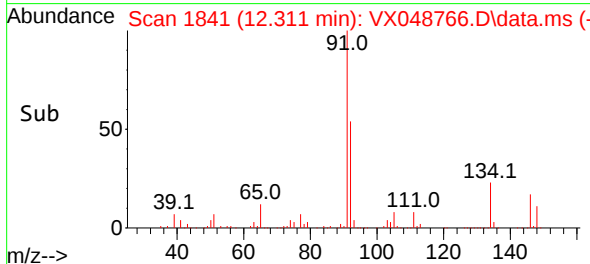
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 252725
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 25.6 12.9 38.6

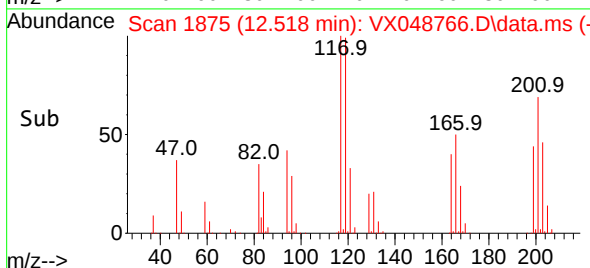
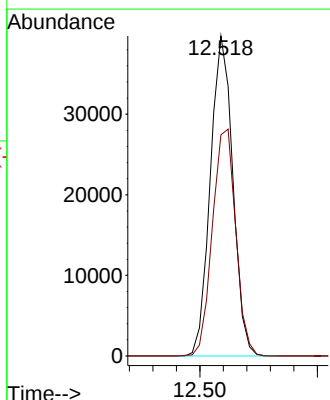
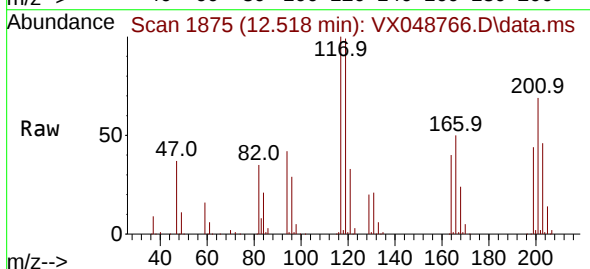
Manual Integrations
APPROVED

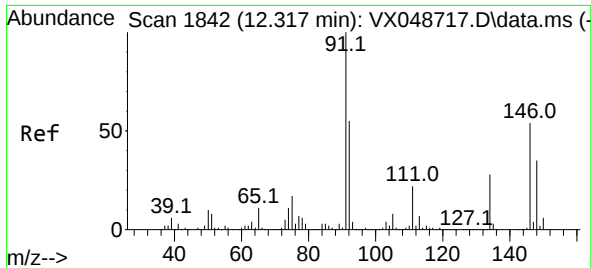
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#90
Hexachloroethane
Concen: 51.558 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

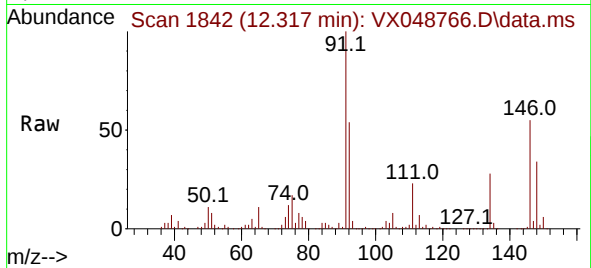
Tgt Ion:117 Resp: 52687
Ion Ratio Lower Upper
117 100
201 73.7 36.4 109.1





#91
1,2-Dichlorobenzene
Concen: 51.487 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

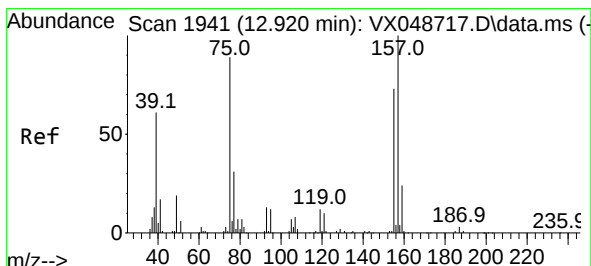
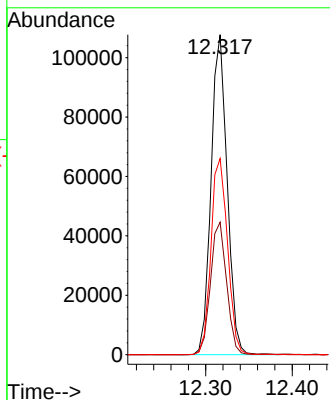
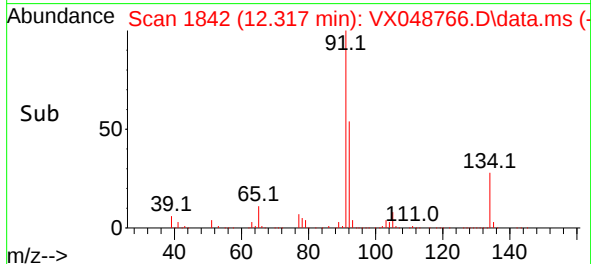
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



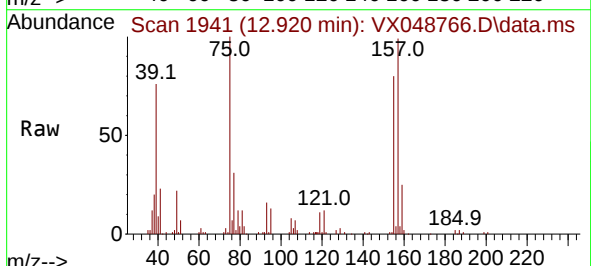
Tgt Ion:146 Resp: 138989
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.5
148 63.3 32.0 96.0

Manual Integrations
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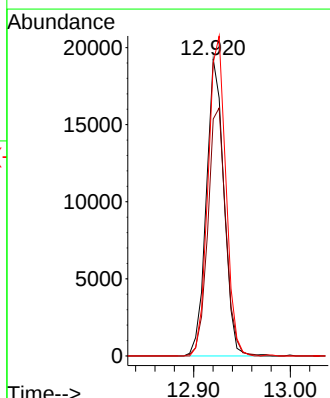
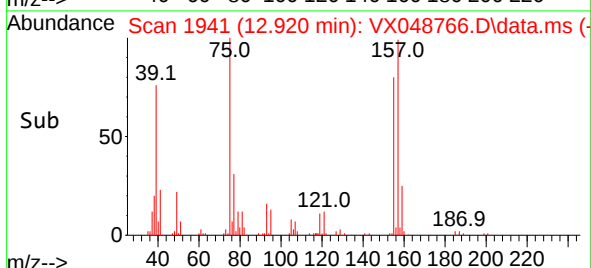
Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025

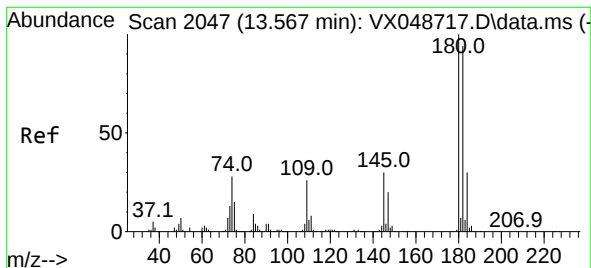


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.500 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



Tgt Ion: 75 Resp: 24397
Ion Ratio Lower Upper
75 100
155 84.9 43.0 129.2
157 108.5 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 59.884 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

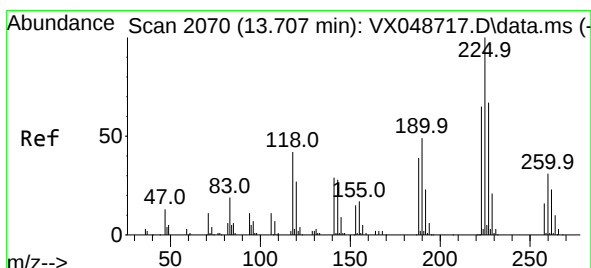
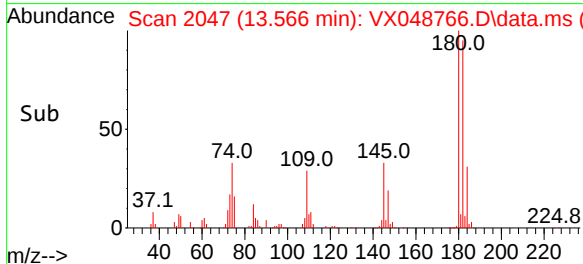
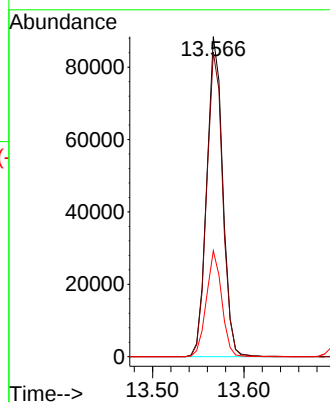
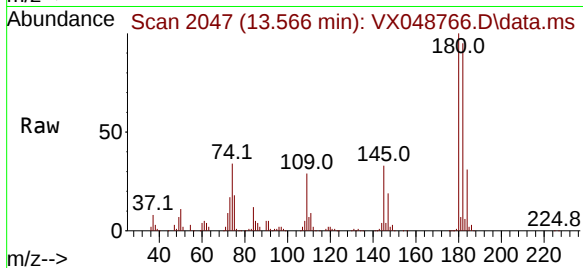
Tgt Ion:180	Resp: 10676
Ion Ratio	Lower Upper
180 100	
182 96.0	46.9 140.8
145 31.8	15.1 45.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2025

Supervised By :Mahesh Dadoda 12/09/2025



#94

Hexachlorobutadiene

Concen: 57.956 ug/l

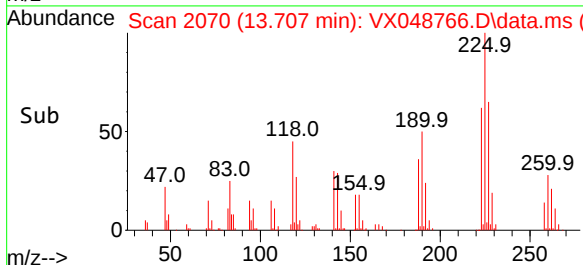
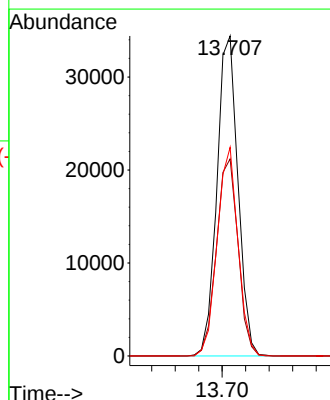
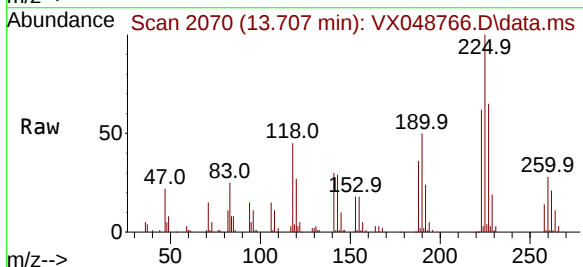
RT: 13.707 min Scan# 2070

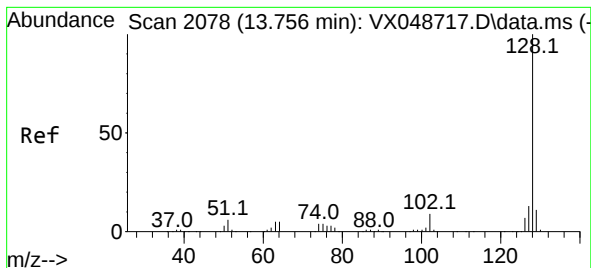
Delta R.T. -0.000 min

Lab File: VX048766.D

Acq: 08 Dec 2025 19:03

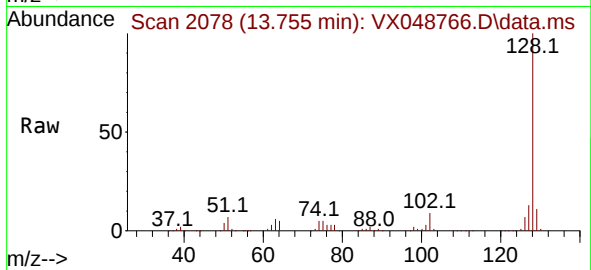
Tgt Ion:225	Resp: 42741
Ion Ratio	Lower Upper
225 100	
223 63.4	33.0 98.9
227 64.4	32.9 98.7





#95
Naphthalene
Concen: 67.461 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03

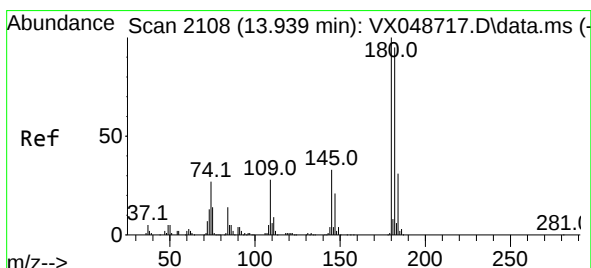
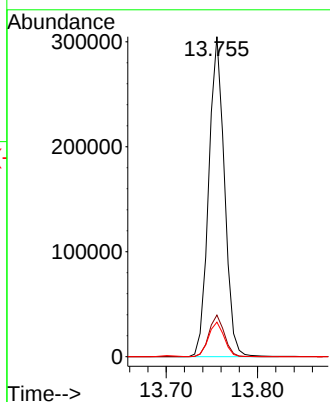
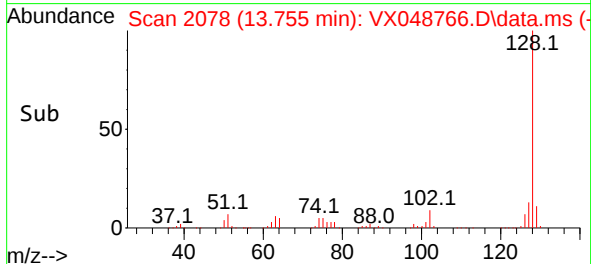
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



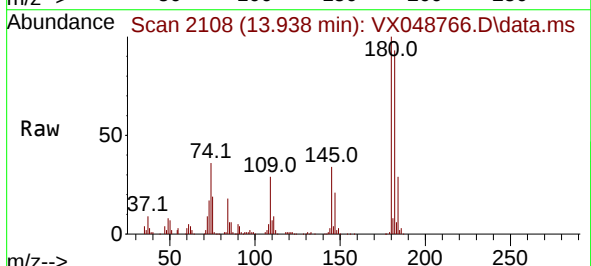
Tgt Ion:128 Resp: 36342
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2025
Supervised By :Mahesh Dadoda 12/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 62.032 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048766.D
Acq: 08 Dec 2025 19:03



Tgt Ion:180 Resp: 101994
Ion Ratio Lower Upper
180 100
182 93.0 48.0 144.2
145 32.1 16.6 49.8

