

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047766.D
 Acq On : 24 Sep 2025 10:29
 Operator : JC/MD
 Sample : Q3127-15MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916MSD

Quant Time: Sep 25 01:22:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	140540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	263800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	242484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	122041	54.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.100%			
35) Dibromofluoromethane	5.379	113	93651	52.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	8.634	98	324432	52.997	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.000%			
62) 4-Bromofluorobenzene	11.061	95	121144	52.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	78164	53.709	ug/l	98
3) Chloromethane	1.300	50	103442	54.082	ug/l	100
4) Vinyl Chloride	1.380	62	98667	52.698	ug/l	99
5) Bromomethane	1.617	94	61941	52.172	ug/l	99
6) Chloroethane	1.691	64	63968	51.118	ug/l	97
7) Trichlorofluoromethane	1.892	101	136597	49.136	ug/l	99
8) Diethyl Ether	2.136	74	58432	51.382	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	77240	47.517	ug/l	99
10) Methyl Iodide	2.453	142	127419	50.260	ug/l	99
11) Tert butyl alcohol	2.946	59	68124	273.429	ug/l	100
12) 1,1-Dichloroethene	2.325	96	84585	50.657	ug/l	97
13) Acrolein	2.233	56	60634	264.093	ug/l	98
14) Allyl chloride	2.666	41	155505	45.131	ug/l	96
15) Acrylonitrile	3.056	53	273368	296.220	ug/l	99
16) Acetone	2.373	43	220676	226.876	ug/l	97
17) Carbon Disulfide	2.514	76	233220	51.020	ug/l	98
18) Methyl Acetate	2.703	43	99990	46.192	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	318954	52.327	ug/l	99
20) Methylene Chloride	2.788	84	106518	51.736	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	92407	51.403	ug/l	97
22) Diisopropyl ether	3.751	45	345751	51.777	ug/l	99
23) Vinyl Acetate	3.715	43	1126965	210.866	ug/l	99
24) 1,1-Dichloroethane	3.605	63	183550	51.715	ug/l	97
25) 2-Butanone	4.544	43	336981	277.742	ug/l	97
26) 2,2-Dichloropropane	4.464	77	69928	23.702	ug/l	93
27) cis-1,2-Dichloroethene	4.477	96	114979	52.226	ug/l	93
28) Bromochloromethane	4.885	49	82289	53.107	ug/l	99
29) Tetrahydrofuran	4.989	42	218570	299.458	ug/l	99
30) Chloroform	5.080	83	188182	52.468	ug/l	99
31) Cyclohexane	5.458	56	140755	47.616	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	152316	50.068	ug/l	98
36) 1,1-Dichloropropene	5.684	75	117789	45.563	ug/l	98
37) Ethyl Acetate	4.702	43	119116	43.033	ug/l	99
38) Carbon Tetrachloride	5.665	117	128218	45.648	ug/l	96
39) Methylcyclohexane	7.366	83	125209	42.667	ug/l	98
40) Benzene	6.025	78	388475	49.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	76713	53.683	ug/l	98
42) 1,2-Dichloroethane	6.074	62	144322	48.308	ug/l	98
43) Isopropyl Acetate	6.324	43	206983	45.594	ug/l	99
44) Trichloroethene	7.110	130	96186	50.669	ug/l	94
45) 1,2-Dichloropropane	7.415	63	102389	50.925	ug/l	100
46) Dibromomethane	7.568	93	74522	50.934	ug/l	98
47) Bromodichloromethane	7.805	83	150885	49.975	ug/l	98
48) Methyl methacrylate	7.677	41	118201	52.272	ug/l	98
49) 1,4-Dioxane	7.647	88	30177	1320.503	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	713169	283.339	ug/l	100
52) Toluene	8.702	92	239265	49.460	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	137290	44.580	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	146478	44.500	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	98487	52.799	ug/l	99
56) Ethyl methacrylate	9.104	69	155097	52.944	ug/l	98
57) 1,3-Dichloropropane	9.293	76	166321	51.905	ug/l	99
59) 2-Hexanone	9.415	43	501366	277.346	ug/l	99
60) Dibromochloromethane	9.506	129	110973	51.633	ug/l	99
61) 1,2-Dibromoethane	9.592	107	103024	54.225	ug/l	99
64) Tetrachloroethene	9.256	164	71709	45.364	ug/l	98
65) Chlorobenzene	10.061	112	264526	48.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91748	48.265	ug/l	98
67) Ethyl Benzene	10.177	91	449782	47.321	ug/l	97
68) m/p-Xylenes	10.287	106	335920	94.951	ug/l	99
69) o-Xylene	10.628	106	166511	48.660	ug/l	96
70) Styrene	10.640	104	291516	48.620	ug/l	99
71) Bromoform	10.780	173	74058	52.175	ug/l #	97
73) Isopropylbenzene	10.945	105	412339	45.649	ug/l	99
74) N-amyl acetate	10.829	43	163374	39.662	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	142362	52.092	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	108534m	45.118	ug/l	
77) Bromobenzene	11.183	156	106503	47.872	ug/l	97
78) n-propylbenzene	11.286	91	487805	45.683	ug/l	99
79) 2-Chlorotoluene	11.347	91	299902	45.856	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	341436	46.008	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	35045	37.151	ug/l	99
82) 4-Chlorotoluene	11.439	91	352975	45.698	ug/l	99
83) tert-Butylbenzene	11.695	119	352830	46.443	ug/l	97
84) 1,2,4-Trimethylbenzene	11.731	105	350456	46.579	ug/l	100
85) sec-Butylbenzene	11.872	105	403421	44.707	ug/l	99
86) p-Isopropyltoluene	11.994	119	339966	44.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	191954	46.453	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	194966	45.971	ug/l	99
89) n-Butylbenzene	12.317	91	303064	42.873	ug/l	99
90) Hexachloroethane	12.518	117	62193	46.369	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	187985	47.751	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	28153	50.882	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	117712	46.007	ug/l	98
94) Hexachlorobutadiene	13.707	225	37366	42.996	ug/l	98
95) Naphthalene	13.755	128	396761	50.925	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	116108	48.784	ug/l	98

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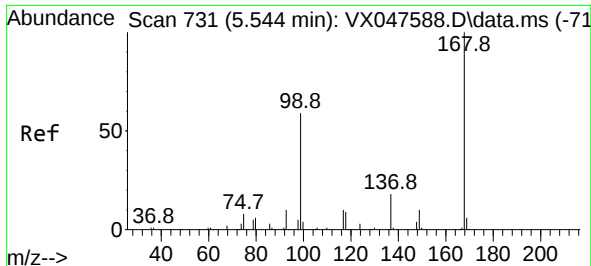
Manual Integrations
APPROVED

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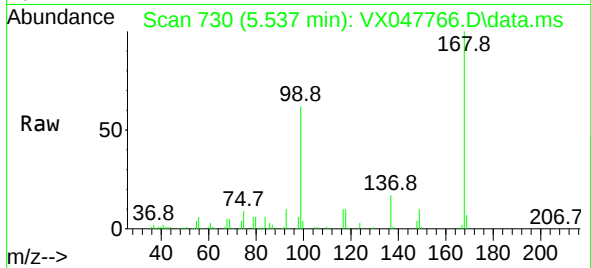
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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. -0.007 min
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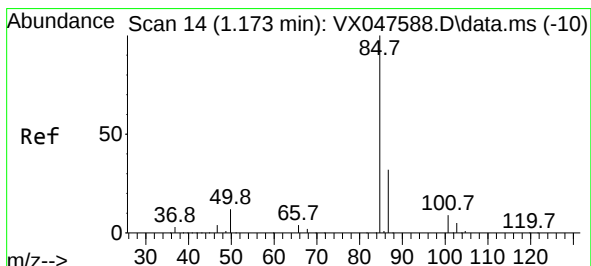
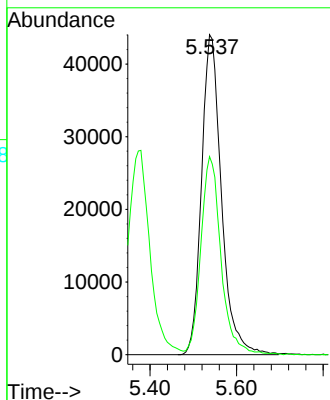
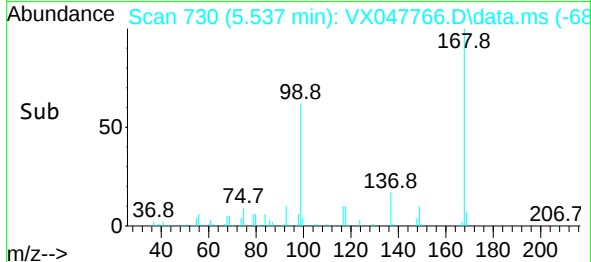
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:168 Resp: 140540
Ion Ratio Lower Upper
168 100
99 61.7 48.8 73.2

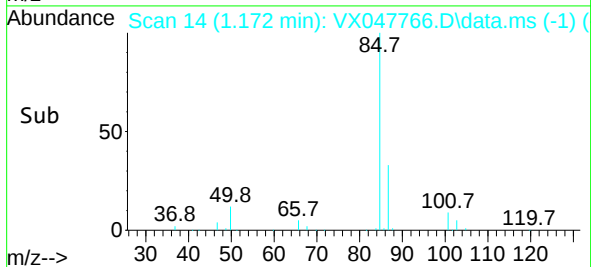
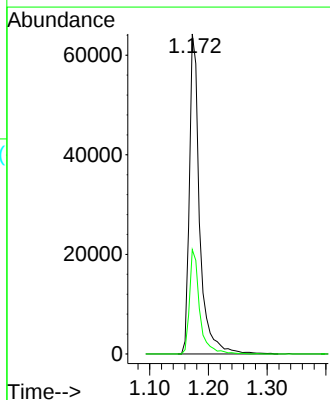
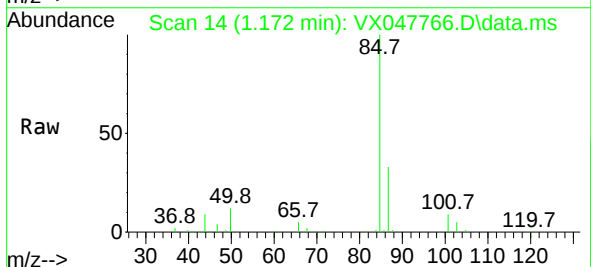
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#2
Dichlorodifluoromethane
Concen: 53.709 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

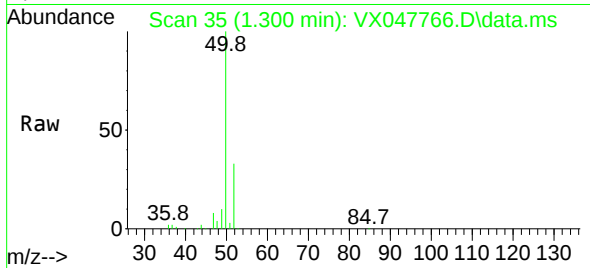
Tgt Ion: 85 Resp: 78164
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.3





#3
Chloromethane
Concen: 54.082 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

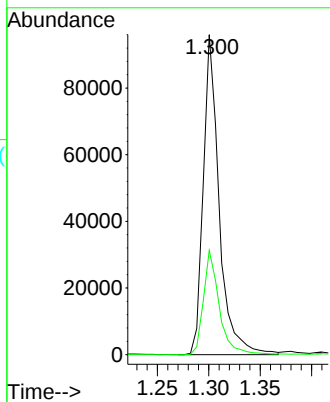
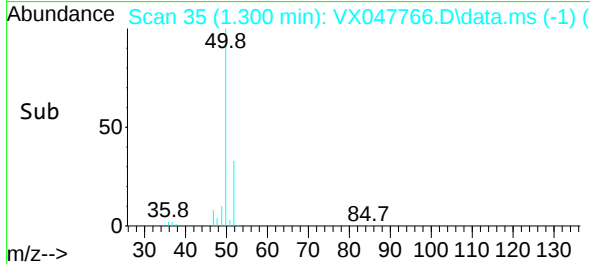
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 50 Resp: 10344
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

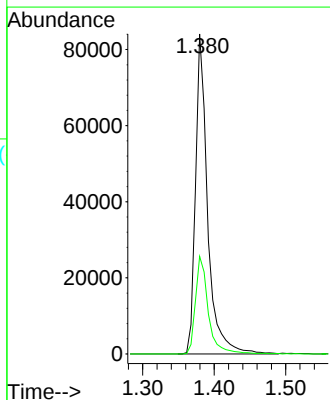
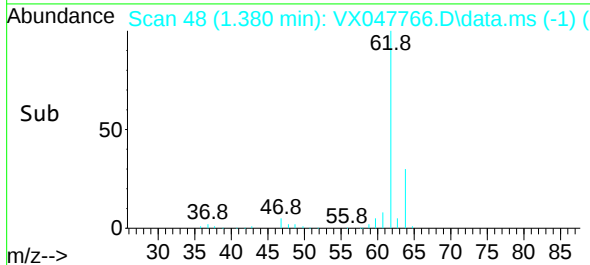
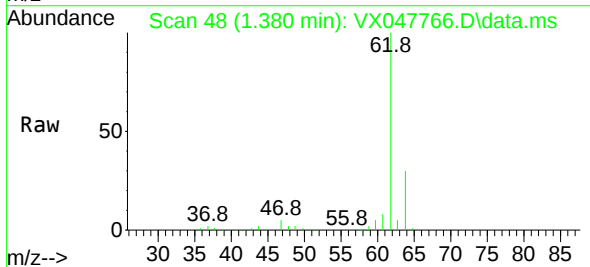
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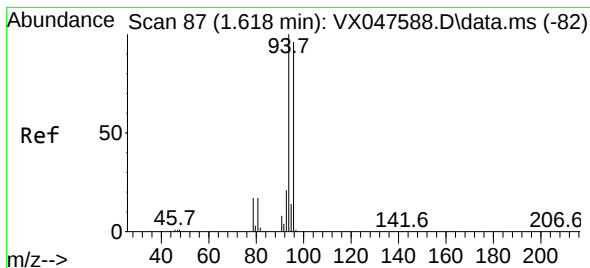
Reviewed By :John Carlone 09/25/2025
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#4
Vinyl Chloride
Concen: 52.698 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

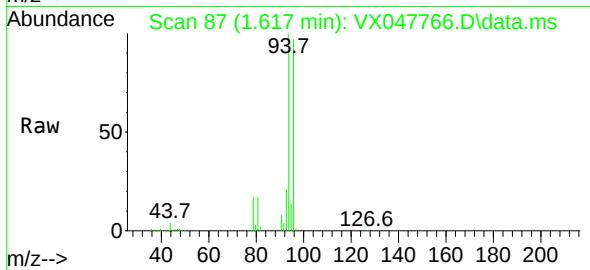
Tgt Ion: 62 Resp: 98667
Ion Ratio Lower Upper
62 100
64 30.5 24.9 37.3





#5
Bromomethane
Concen: 52.172 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

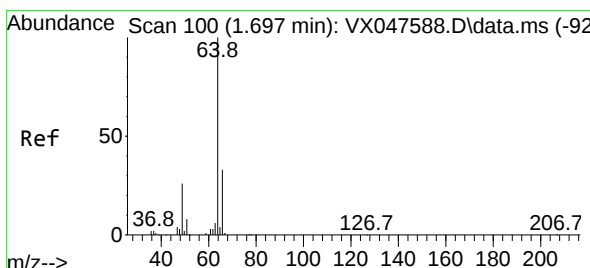
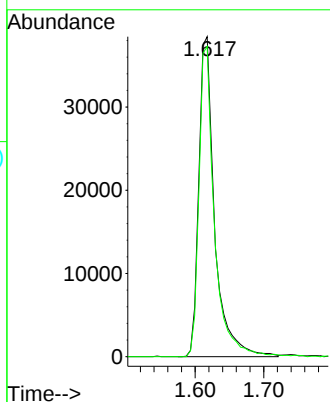
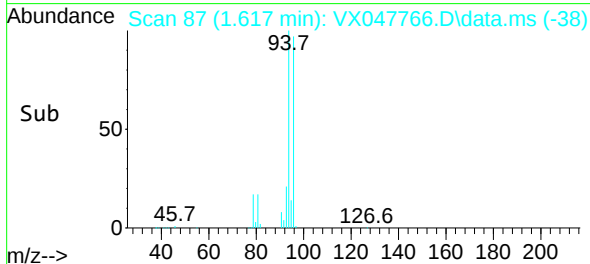
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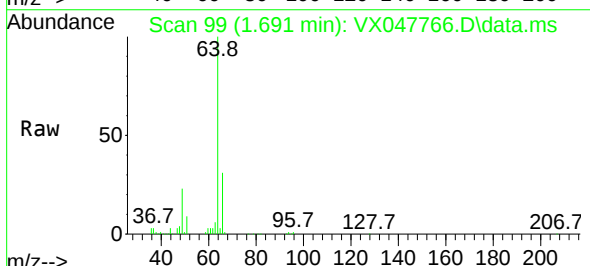
Tgt Ion: 94 Resp: 6194
Ion Ratio Lower Upper
94 100
96 96.9 76.6 115.0

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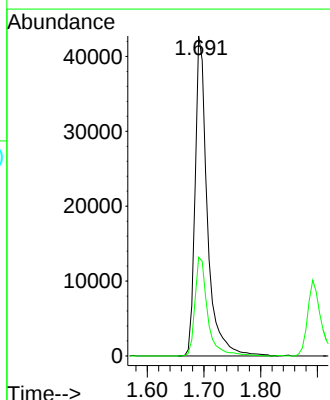
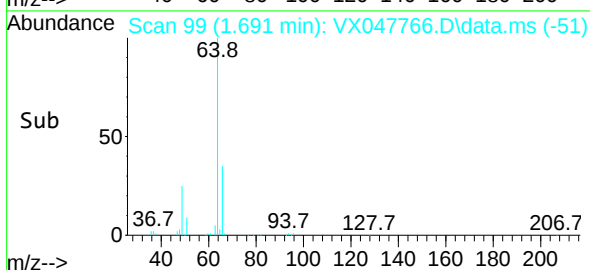
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#6
Chloroethane
Concen: 51.118 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



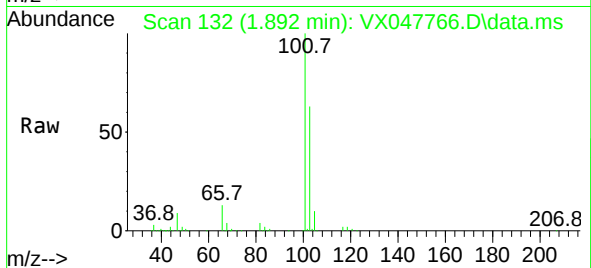
Tgt Ion: 64 Resp: 63968
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 49.136 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047766.D
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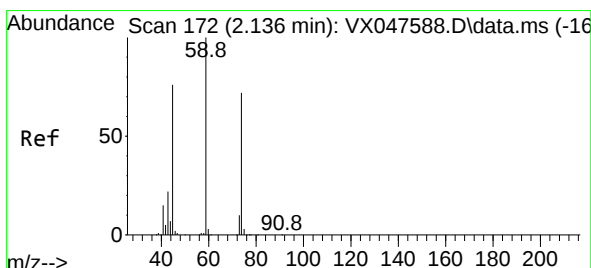
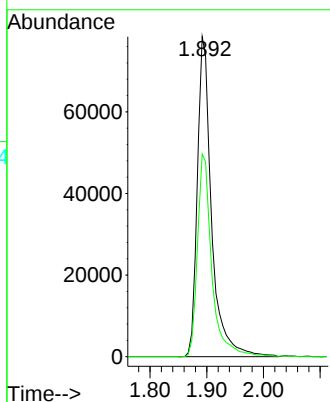
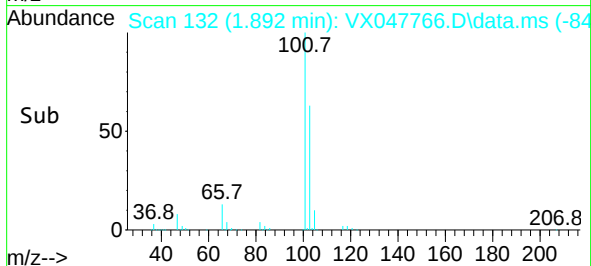
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Tgt Ion:101 Resp: 13659
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.2

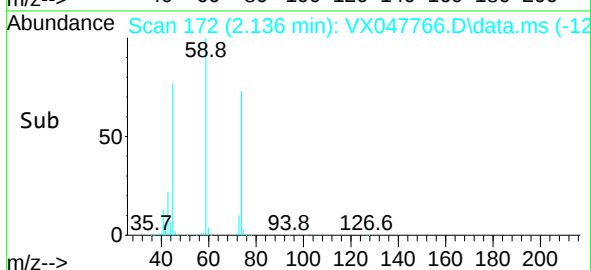
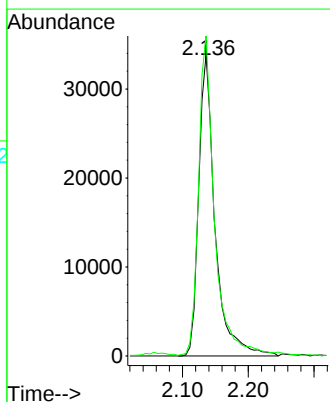
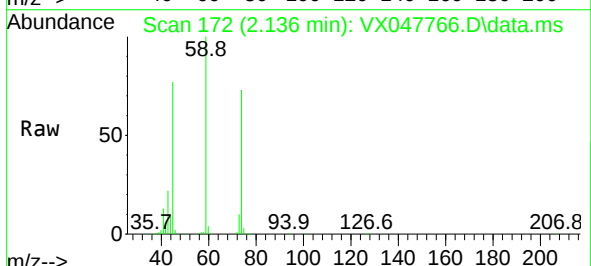
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#8
 Diethyl Ether
 Concen: 51.382 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29

Tgt Ion: 74 Resp: 58432
 Ion Ratio Lower Upper
 74 100
 45 103.9 52.3 156.8





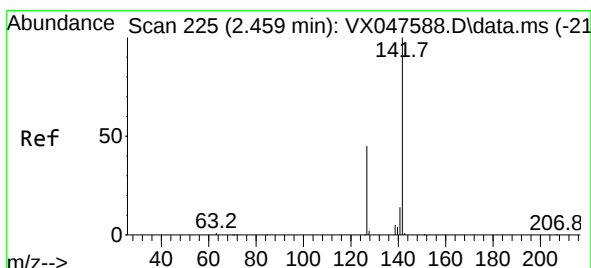
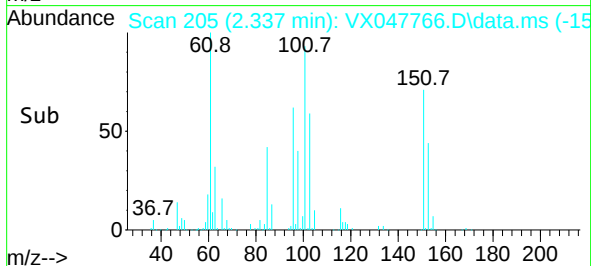
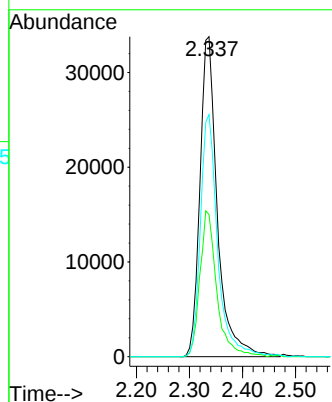
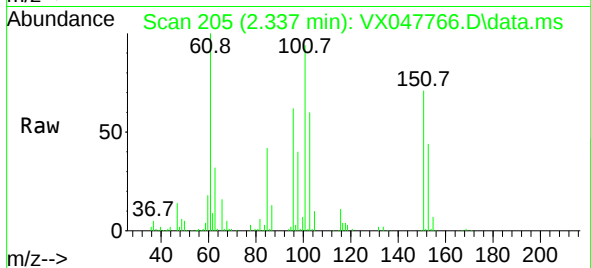
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.517 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047766.D
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Tgt Ion:101 Resp: 77240
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 75.0 59.4 89.0

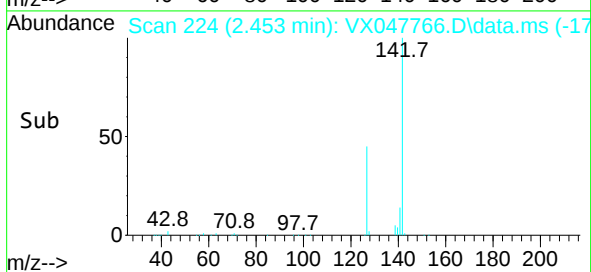
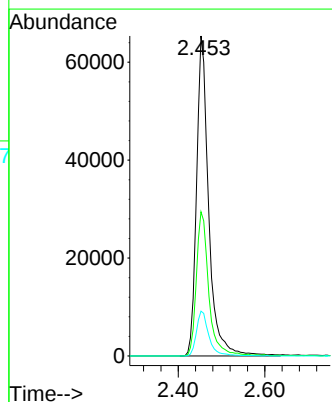
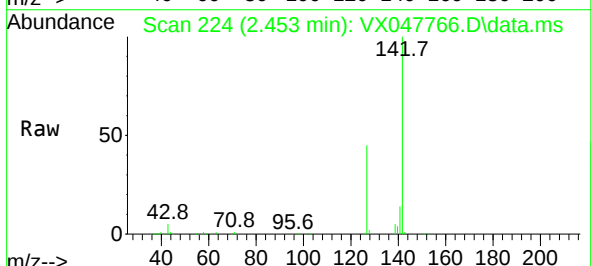
Manual Integrations
APPROVED

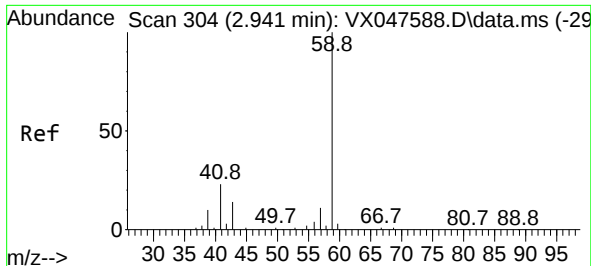
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 50.260 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

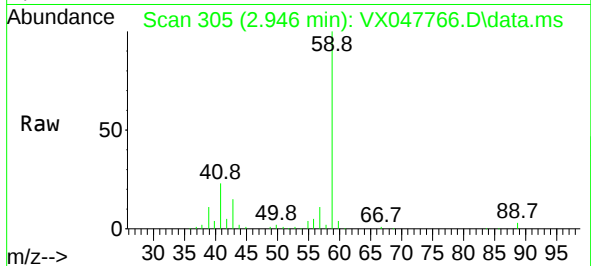
Tgt Ion:142 Resp: 127419
Ion Ratio Lower Upper
142 100
127 45.9 37.2 55.8
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 273.429 ug/l
RT: 2.946 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

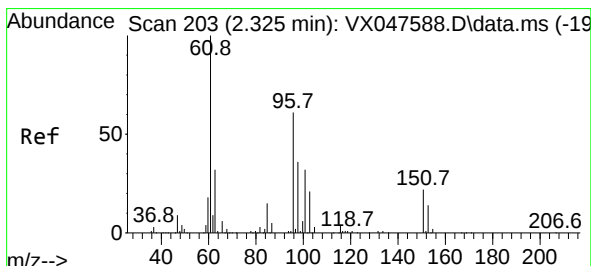
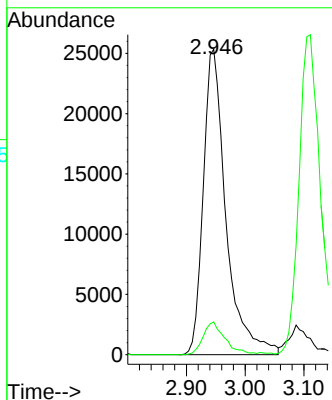
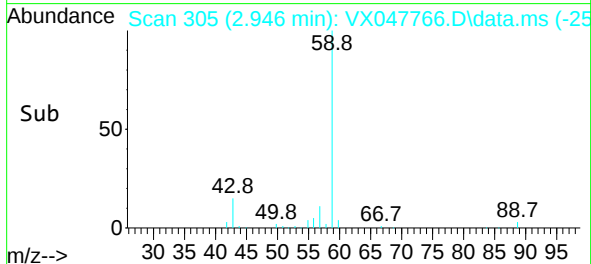
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 59 Resp: 68124
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

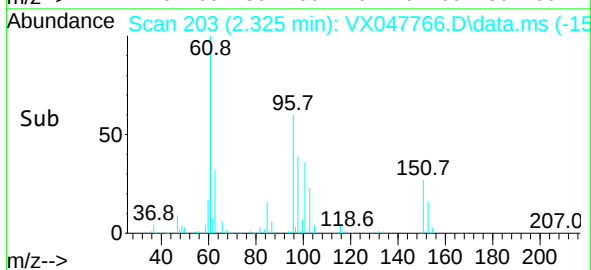
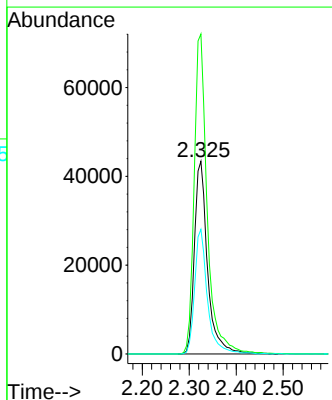
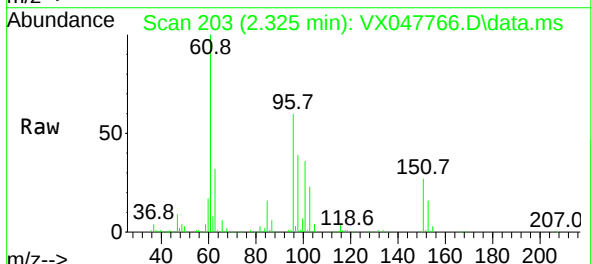
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 50.657 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

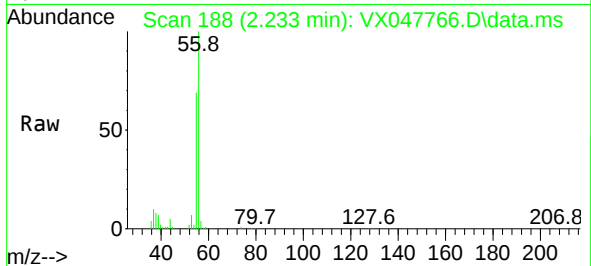
Tgt Ion: 96 Resp: 84585
Ion Ratio Lower Upper
96 100
61 166.1 131.0 196.6
98 64.7 47.7 71.5





#13
Acrolein
Concen: 264.093 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

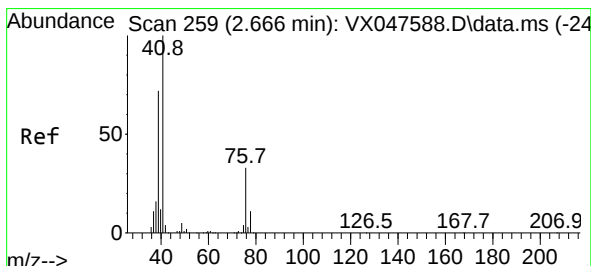
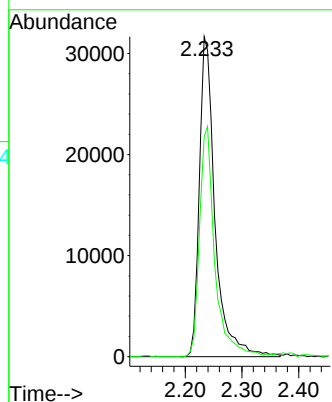
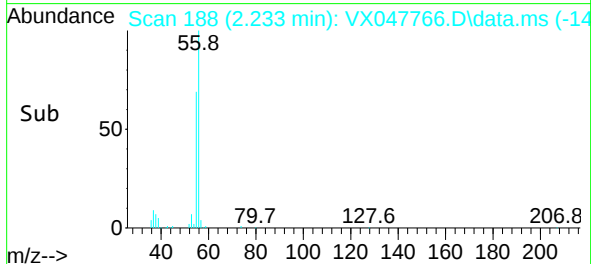
Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD



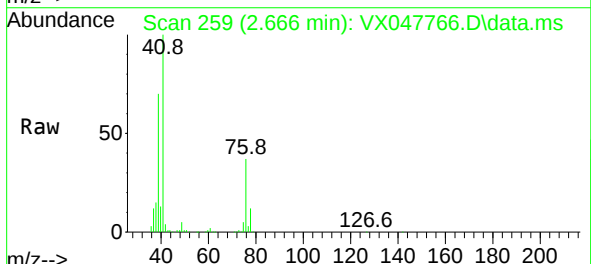
Tgt Ion: 56 Resp: 60634
Ion Ratio Lower Upper
56 100
55 70.1 57.2 85.8

Manual Integrations
APPROVED

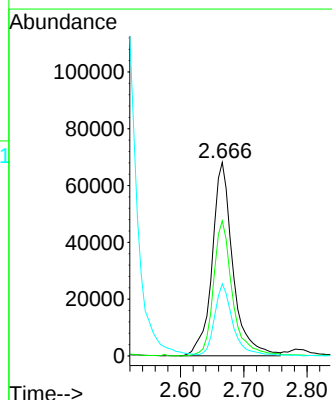
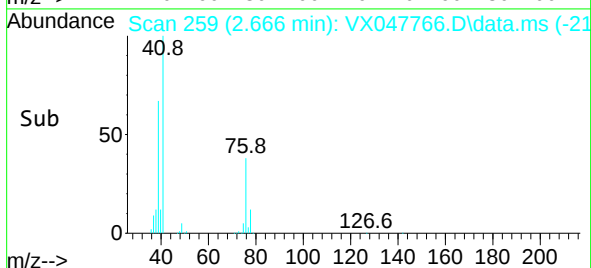
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

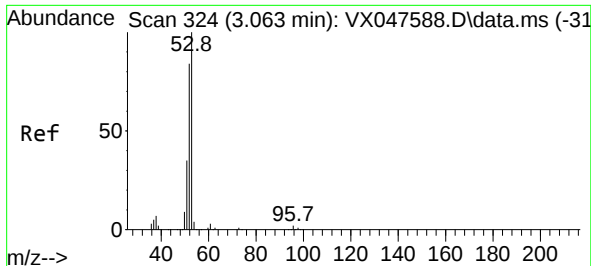


#14
Allyl chloride
Concen: 45.131 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



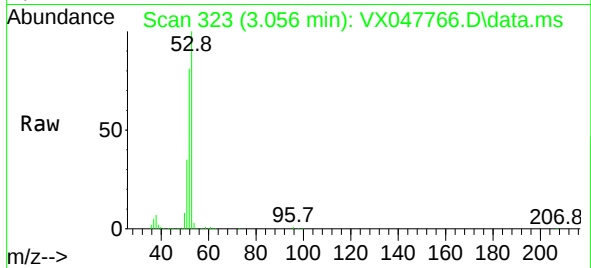
Tgt Ion: 41 Resp: 155505
Ion Ratio Lower Upper
41 100
39 64.2 54.7 82.1
76 33.2 25.7 38.5





#15
Acrylonitrile
Concen: 296.220 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

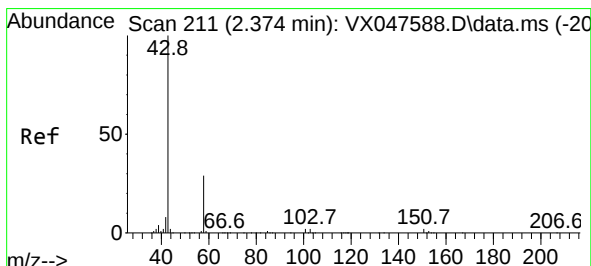
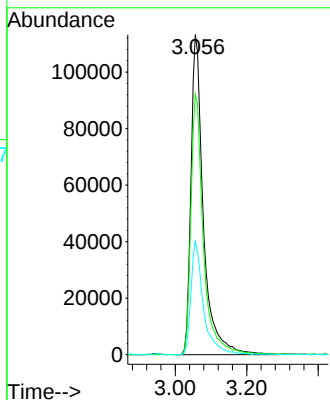
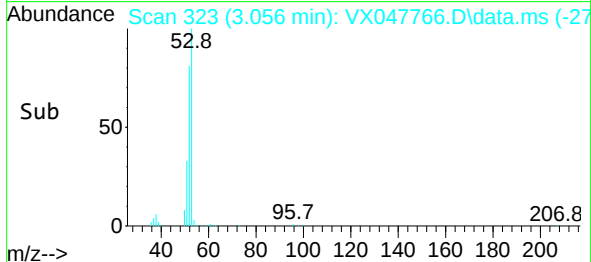
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 53 Resp: 27336
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.8 29.5 44.3

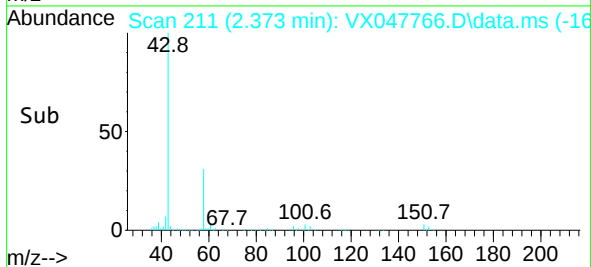
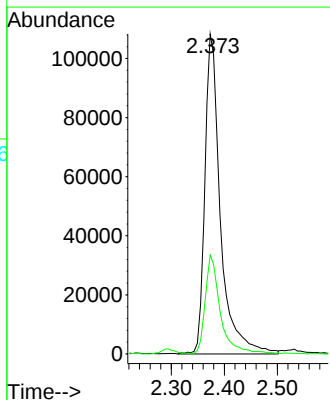
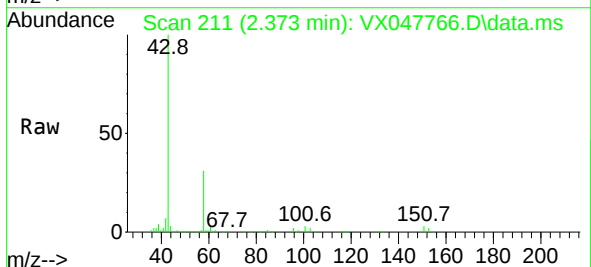
Manual Integrations
APPROVED

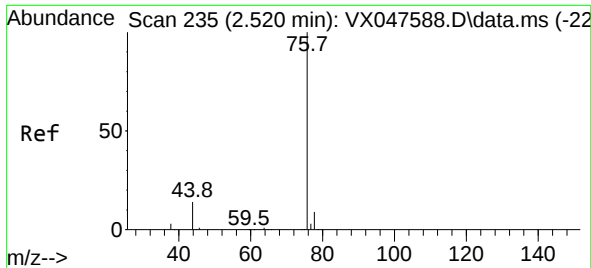
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 226.876 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Tgt Ion: 43 Resp: 220676
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.0





#17

Carbon Disulfide

Concen: 51.020 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

Tgt Ion: 76 Resp: 233220

Ion Ratio Lower Upper

76 100

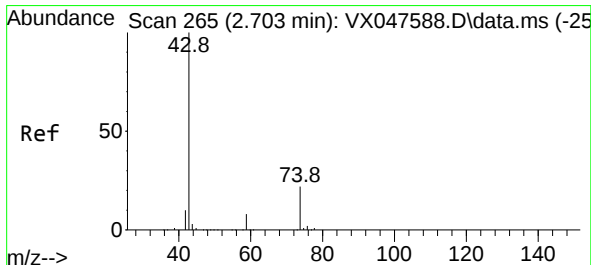
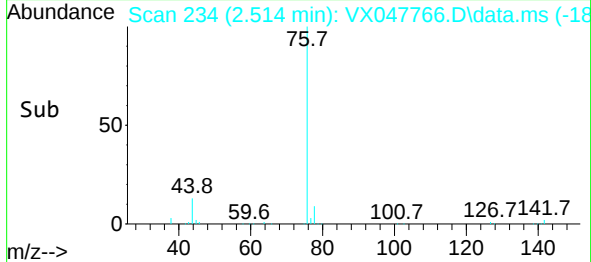
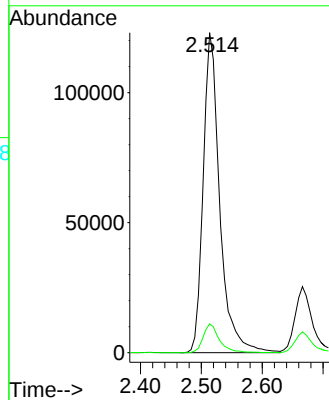
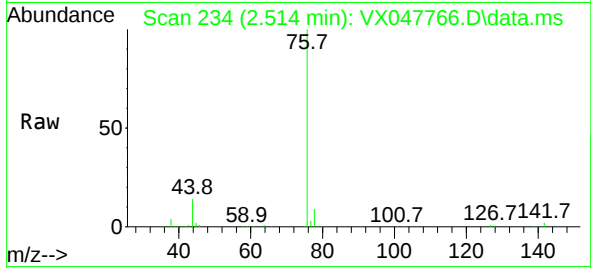
78 9.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#18

Methyl Acetate

Concen: 46.192 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX047766.D

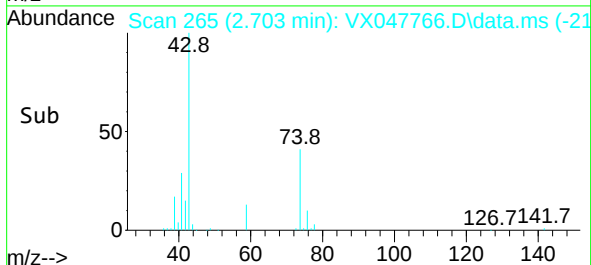
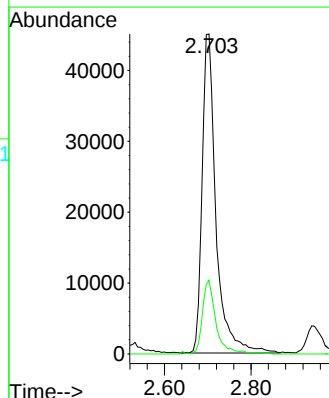
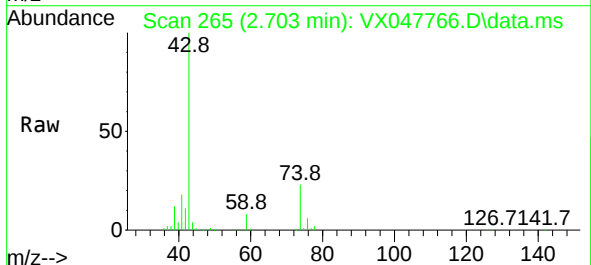
Acq: 24 Sep 2025 10:29

Tgt Ion: 43 Resp: 99990

Ion Ratio Lower Upper

43 100

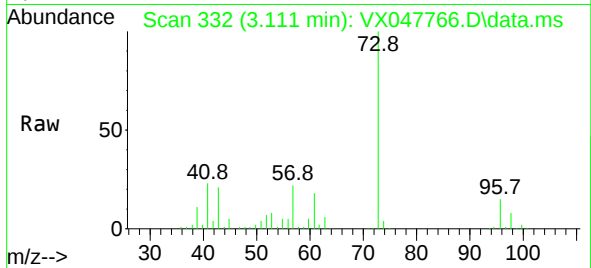
74 22.5 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.327 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

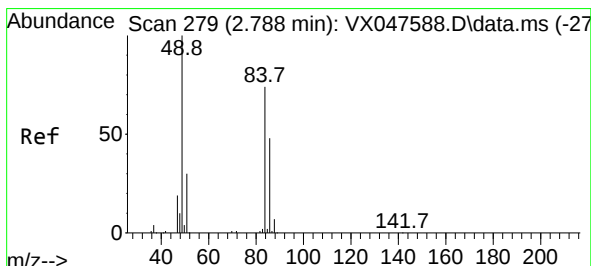
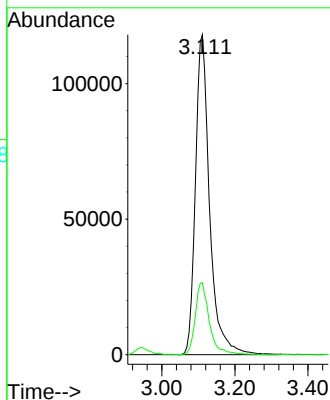
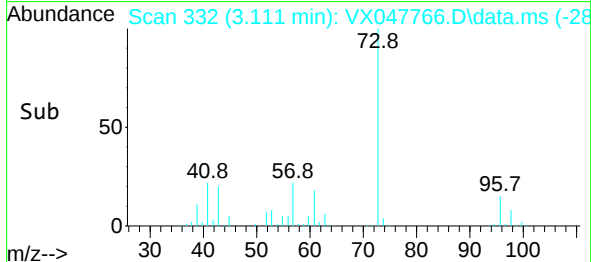
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 73 Resp: 318954
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

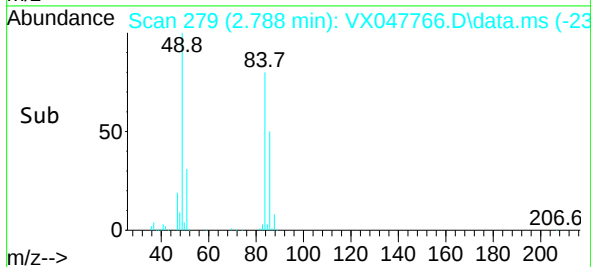
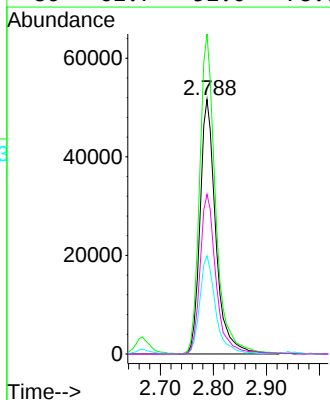
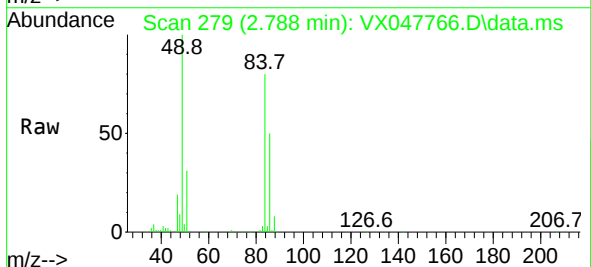
Manual Integrations
APPROVED

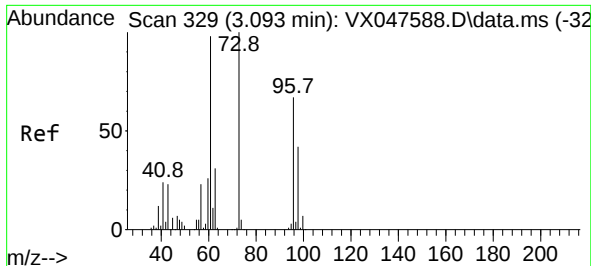
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 51.736 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

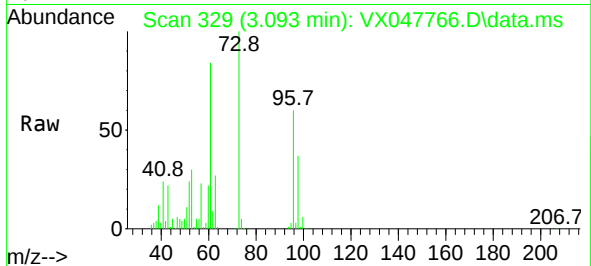
Tgt Ion: 84 Resp: 106518
Ion Ratio Lower Upper
84 100
49 125.6 108.6 162.8
51 38.5 32.6 48.8
86 62.7 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.403 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

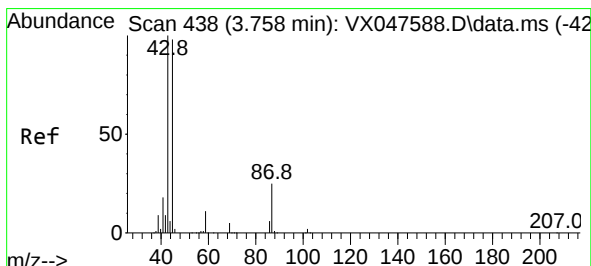
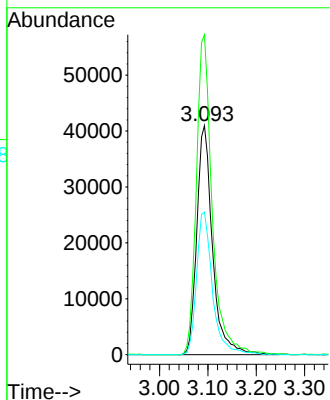
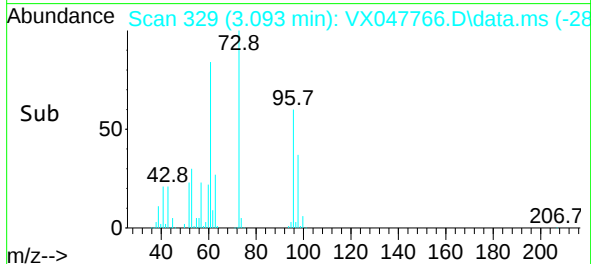
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 96 Resp: 9240
Ion Ratio Lower Upper
96 100
61 139.7 116.2 174.2
98 62.3 49.3 73.9

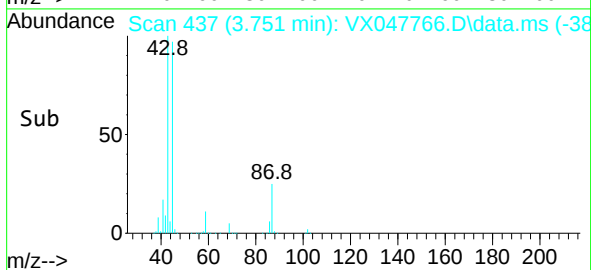
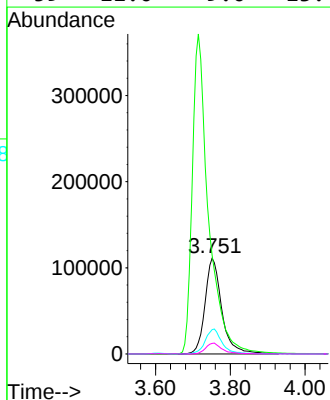
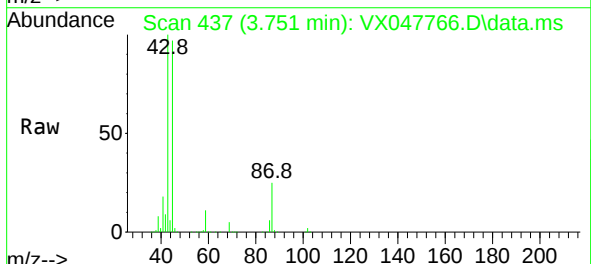
Manual Integrations
APPROVED

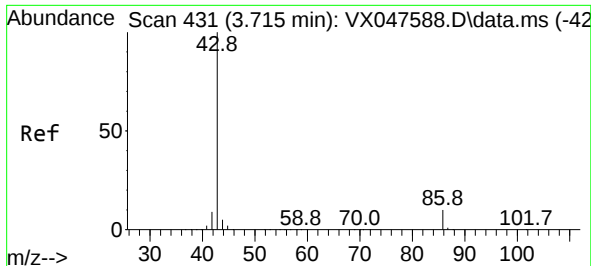
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 51.777 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

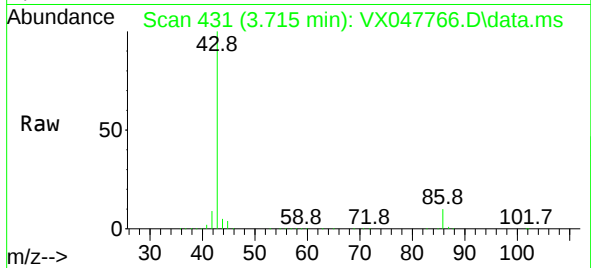
Tgt Ion: 45 Resp: 345751
Ion Ratio Lower Upper
45 100
43 102.7 81.0 121.4
87 25.4 20.3 30.5
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 210.866 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29

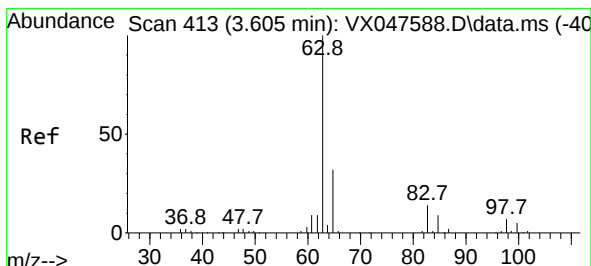
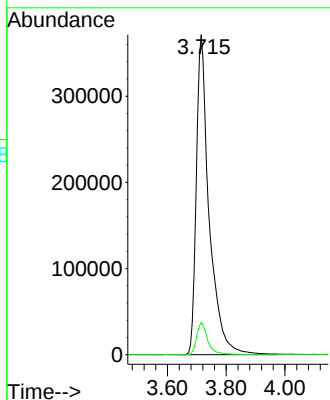
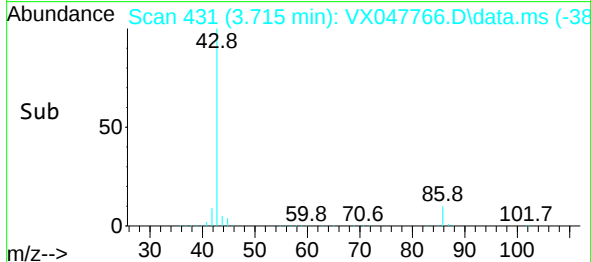
Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916MSD



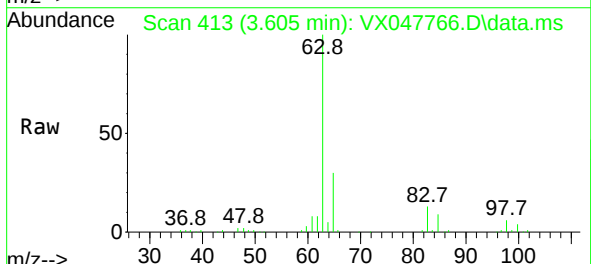
Tgt Ion: 43 Resp: 112696
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

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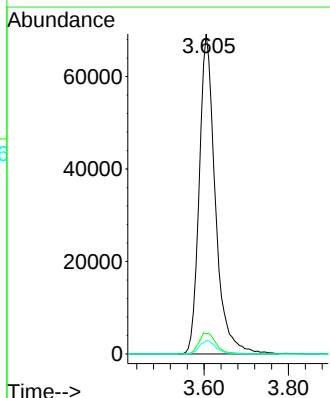
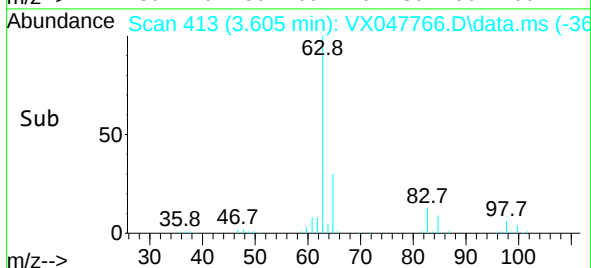
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

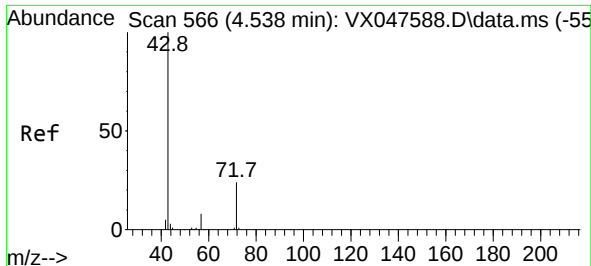


#24
 1,1-Dichloroethane
 Concen: 51.715 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29



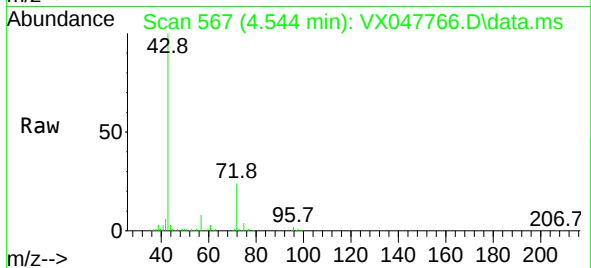
Tgt Ion: 63 Resp: 183550
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.2
 100 4.2 2.3 6.9





#25
2-Butanone
Concen: 277.742 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

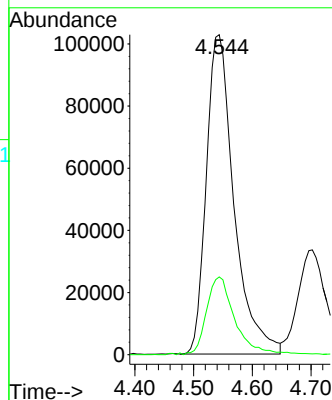
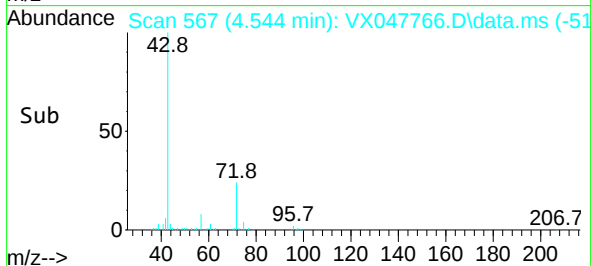
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 43 Resp: 33698
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1

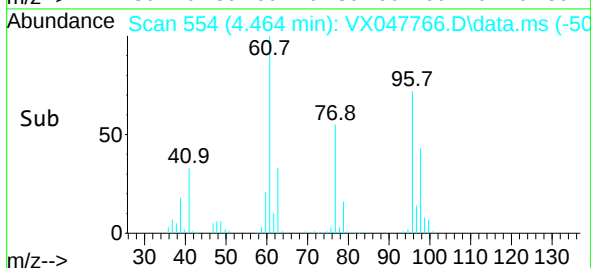
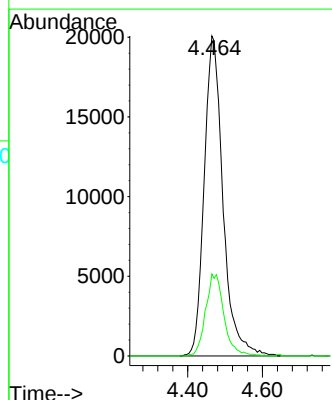
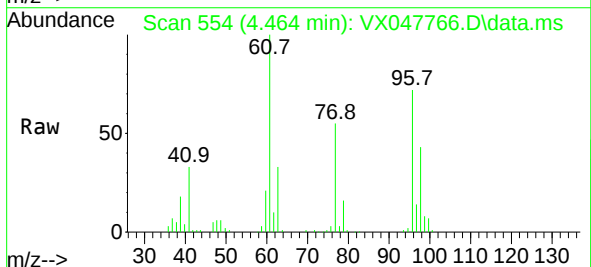
Manual Integrations
APPROVED

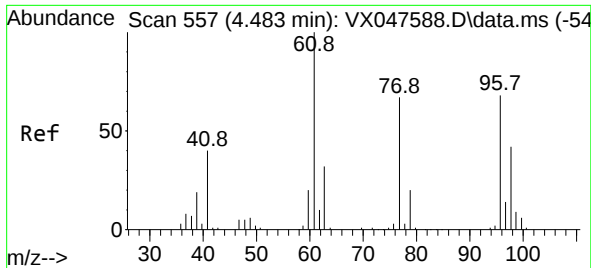
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 23.702 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

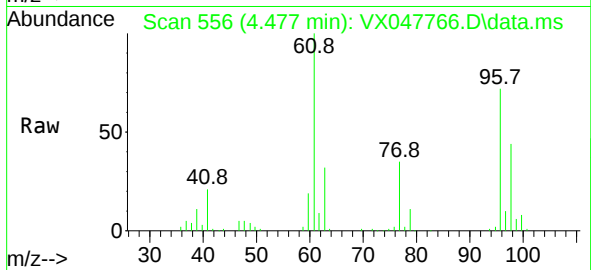
Tgt Ion: 77 Resp: 69928
Ion Ratio Lower Upper
77 100
97 25.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 52.226 ug/l
 RT: 4.477 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29

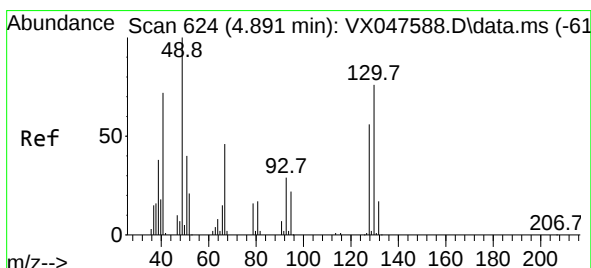
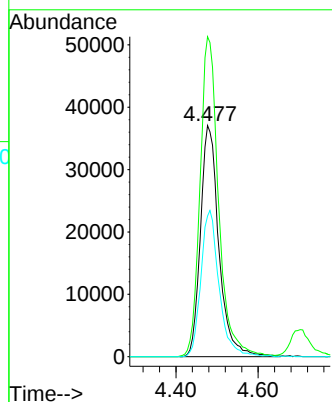
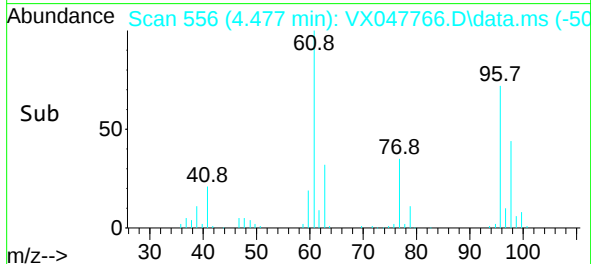
Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20250916MSD



Tgt Ion: 96 Resp: 114979
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 303.2
 98 62.5 0.0 127.8

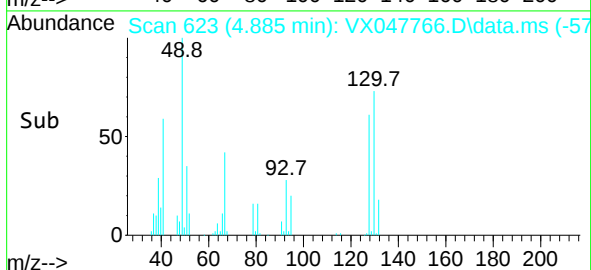
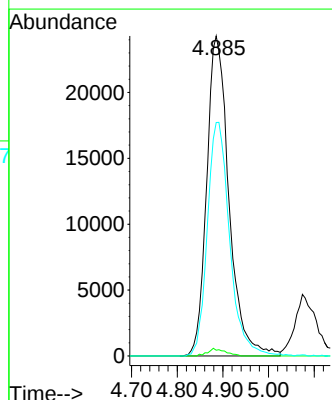
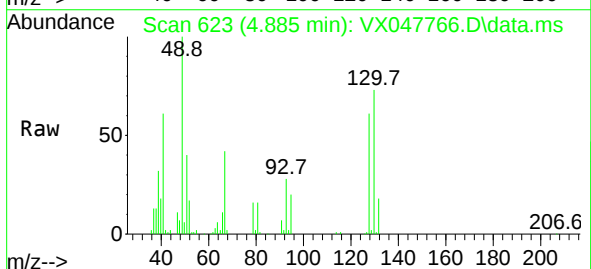
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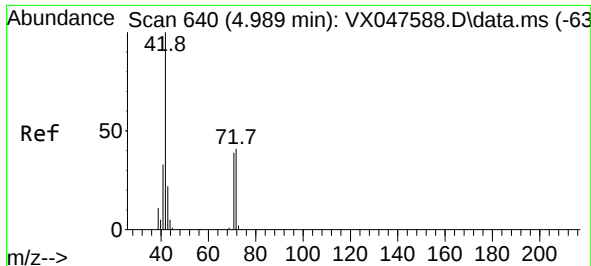
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 53.107 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29

Tgt Ion: 49 Resp: 82289
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 73.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 299.458 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX047766.D

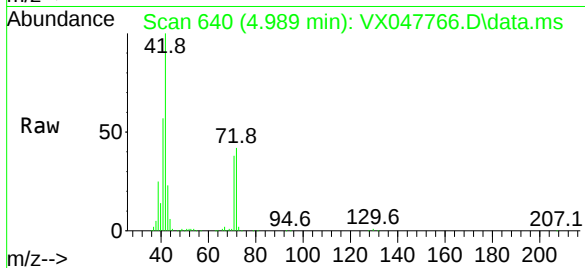
Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD



Tgt Ion: 42 Resp: 218570

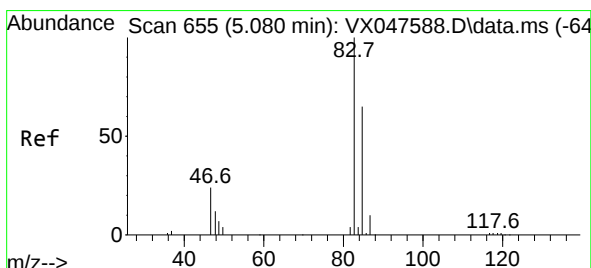
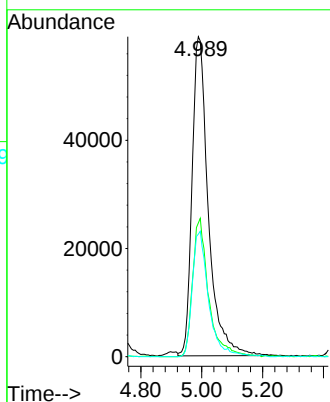
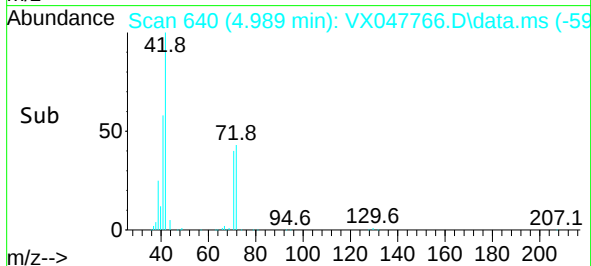
Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.3	31.9	47.9

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 52.468 ug/l

RT: 5.080 min Scan# 655

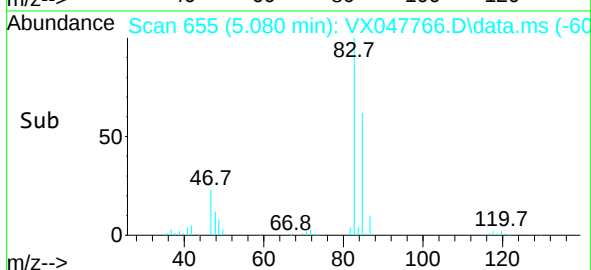
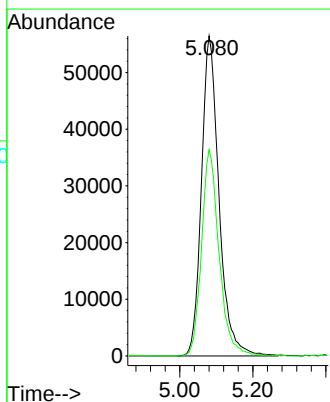
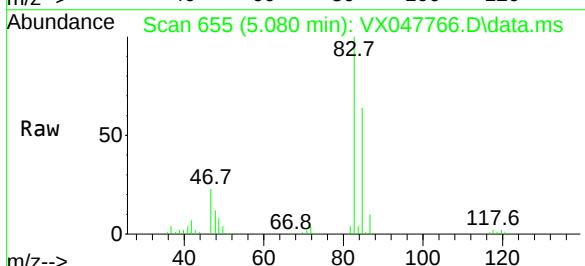
Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Tgt Ion: 83 Resp: 188182

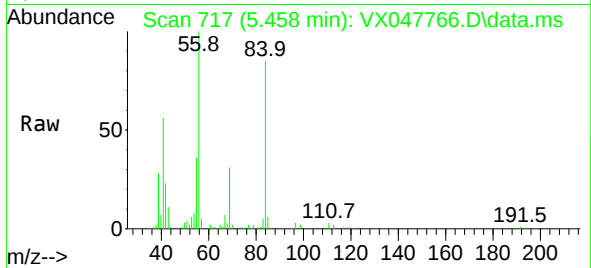
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6





#31
Cyclohexane
Concen: 47.616 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

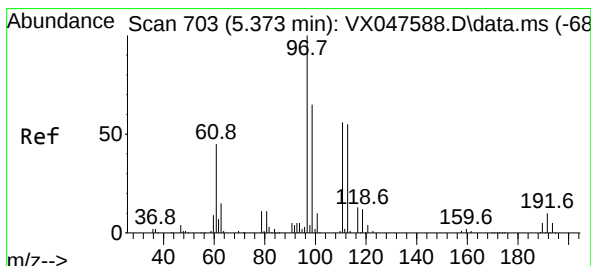
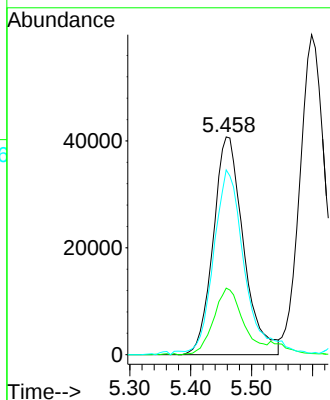
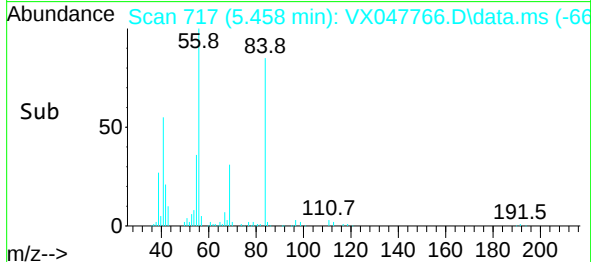
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 56 Resp: 14075
Ion Ratio Lower Upper
56 100
69 30.1 23.8 35.8
84 83.3 64.6 97.0

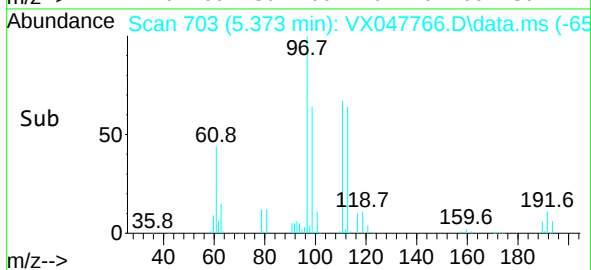
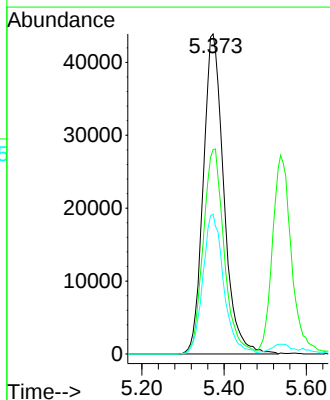
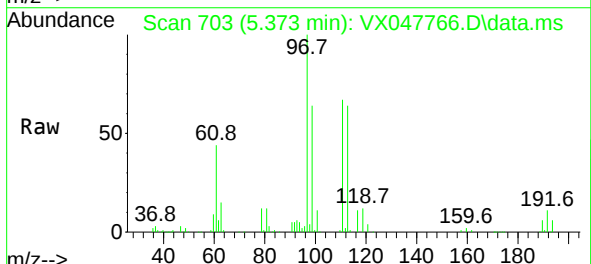
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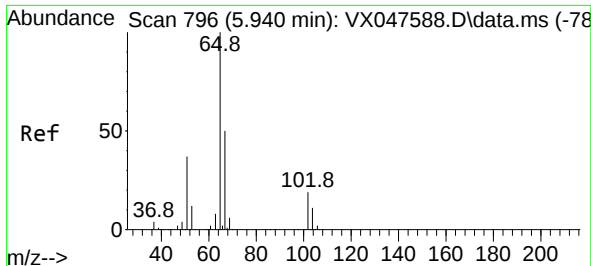
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 50.068 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

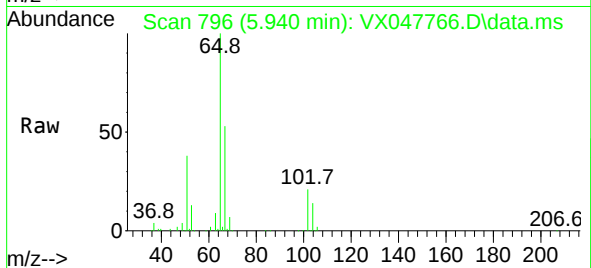
Tgt Ion: 97 Resp: 152316
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 44.3 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 54.555 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

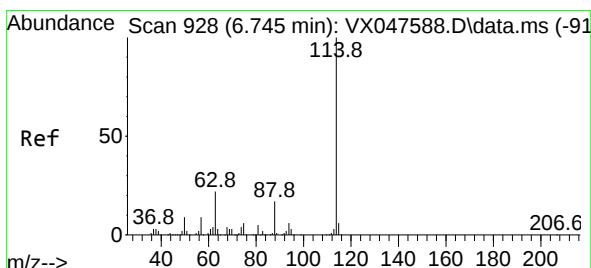
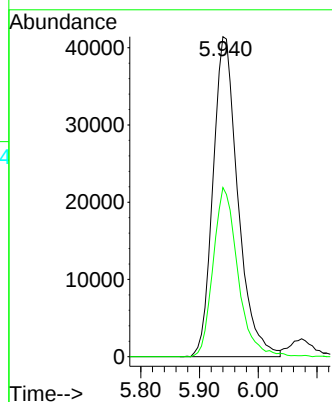
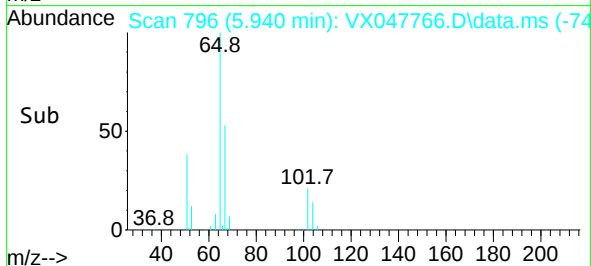
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



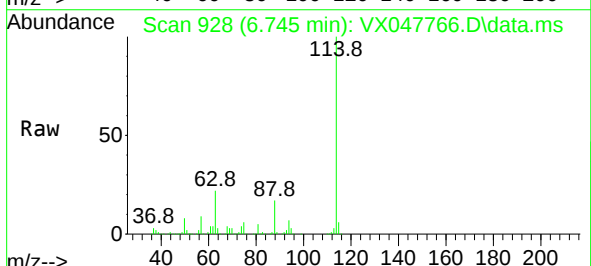
Tgt Ion: 65 Resp: 12204
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

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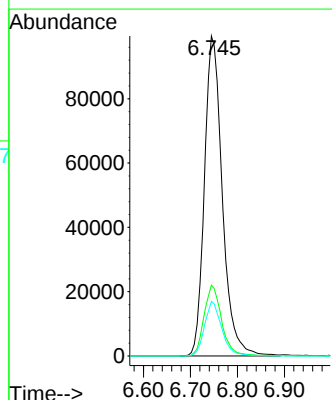
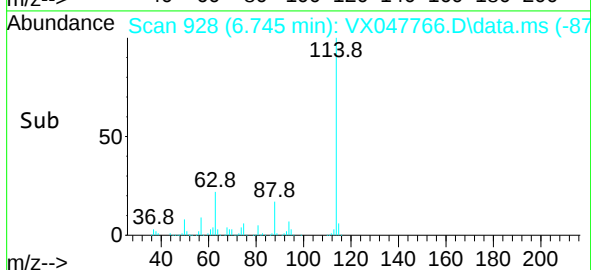
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

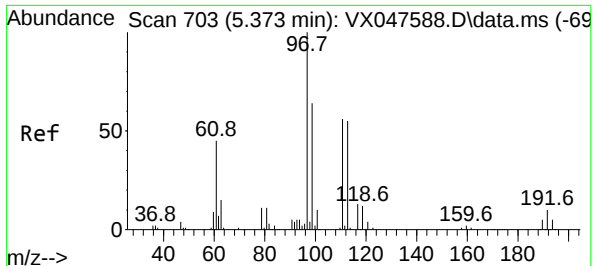


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



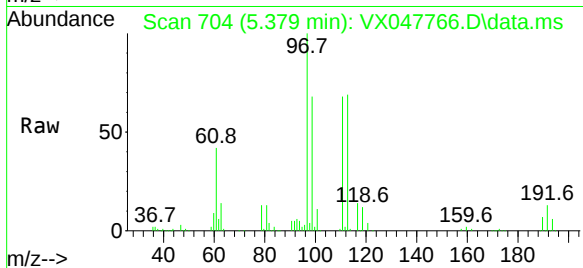
Tgt Ion:114 Resp: 263800
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 17.0 0.0 34.2





#35
Dibromofluoromethane
Concen: 52.934 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

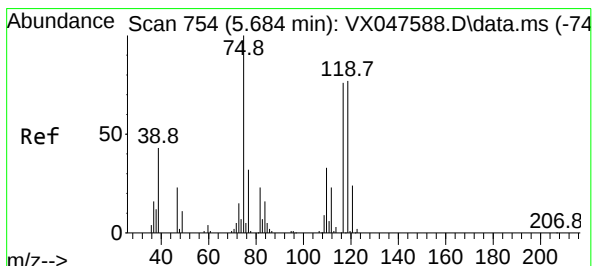
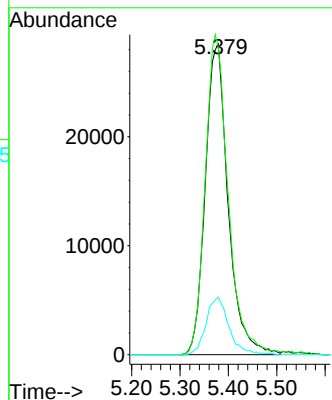
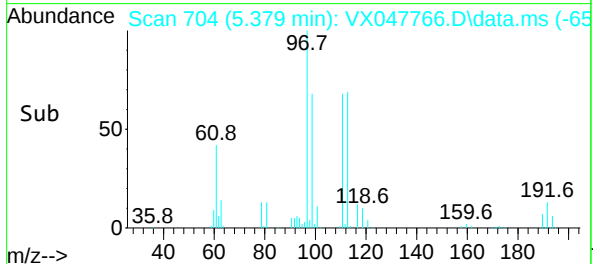
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:113 Resp: 9365
Ion Ratio Lower Upper
113 100
111 103.7 80.9 121.3
192 18.5 14.2 21.4

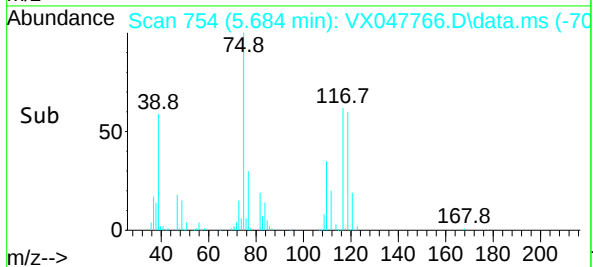
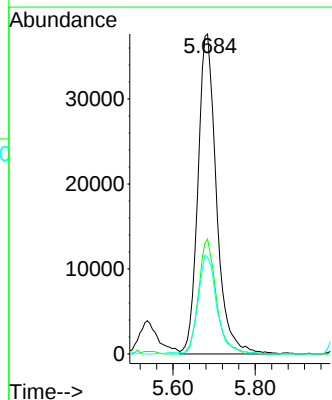
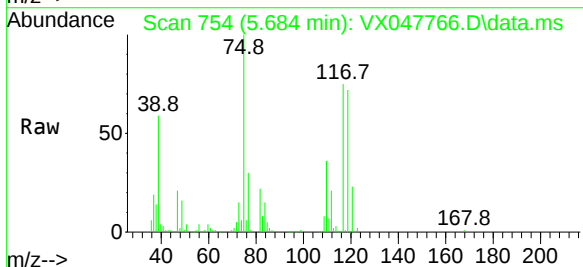
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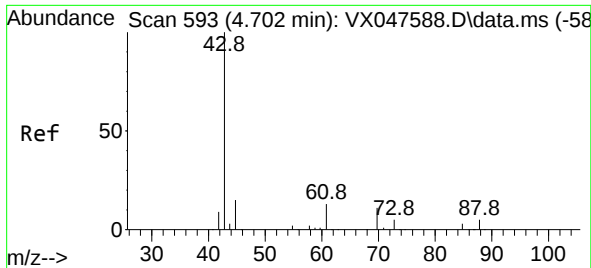
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
1,1-Dichloropropene
Concen: 45.563 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

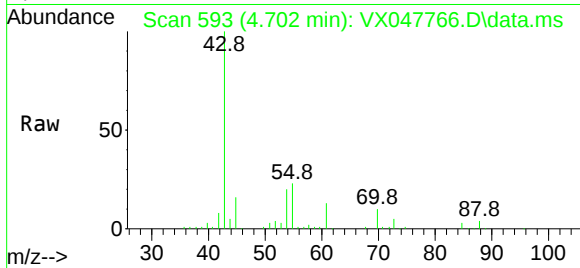
Tgt Ion: 75 Resp: 117789
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.1
77 31.4 24.3 36.5





#37
Ethyl Acetate
Concen: 43.033 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

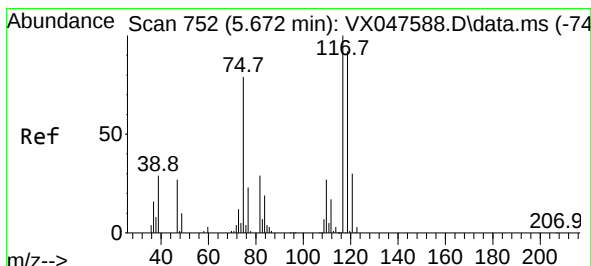
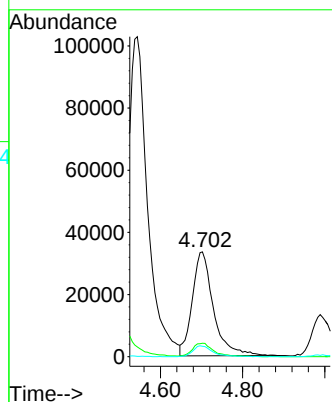
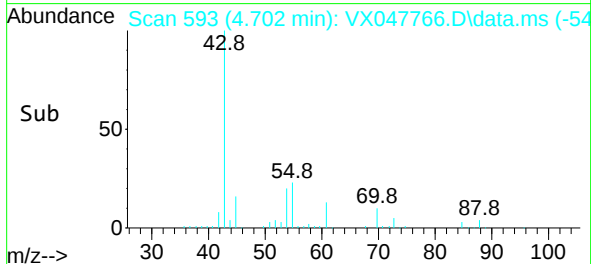
Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD



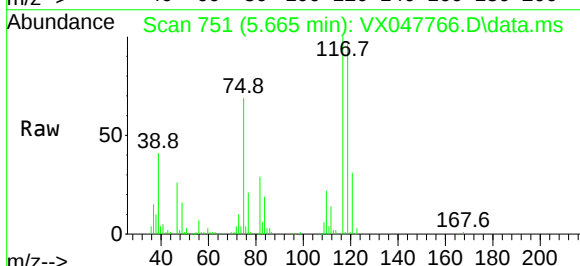
Tgt Ion: 43 Resp: 119110
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 9.9 7.9 11.9

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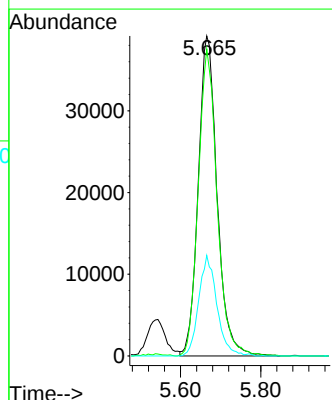
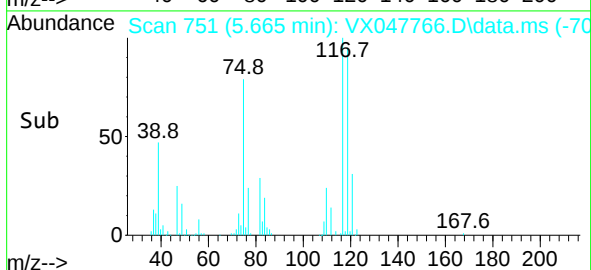
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

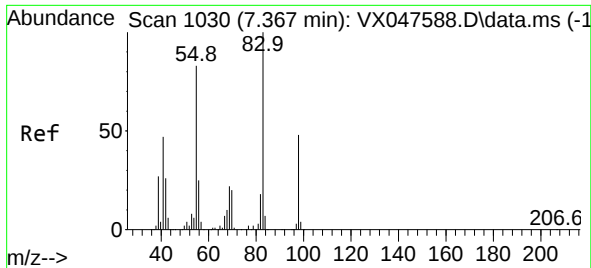


#38
Carbon Tetrachloride
Concen: 45.648 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



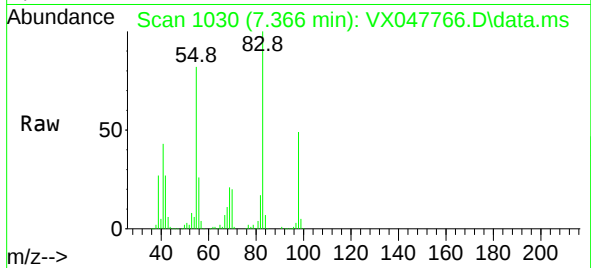
Tgt Ion:117 Resp: 128218
Ion Ratio Lower Upper
117 100
119 96.0 73.4 110.2
121 31.4 23.8 35.6





#39
Methylcyclohexane
Concen: 42.667 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

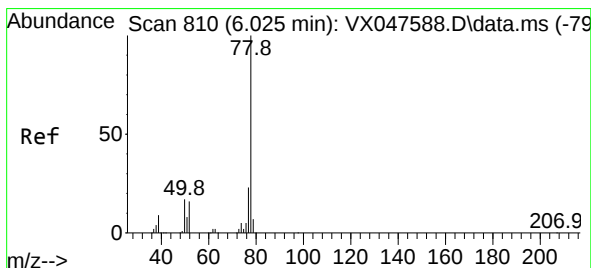
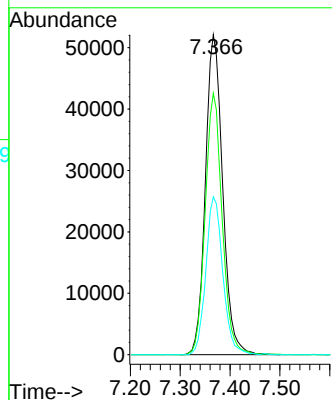
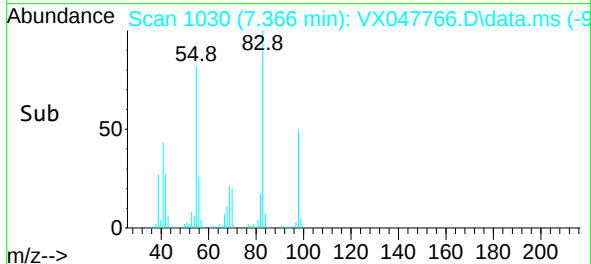
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 83 Resp: 125209
Ion Ratio Lower Upper
83 100
55 81.7 66.4 99.6
98 49.3 38.1 57.1

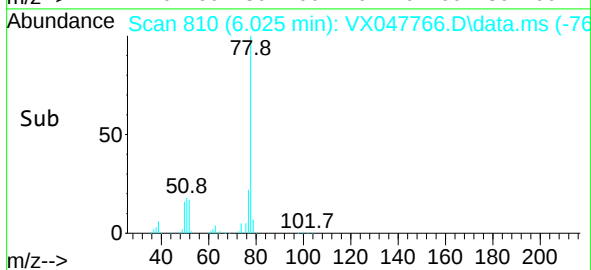
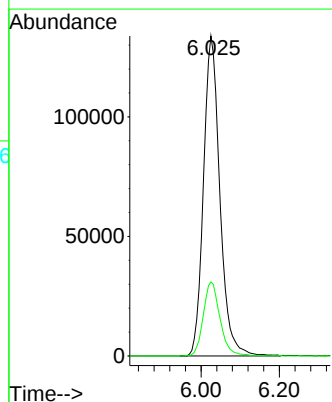
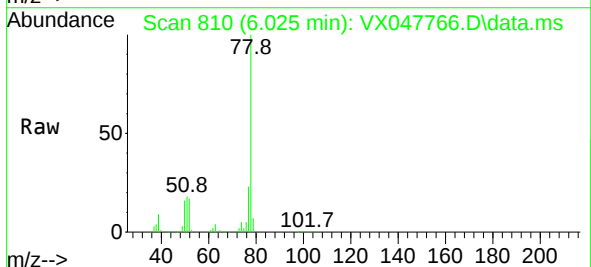
Manual Integrations
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Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#40
Benzene
Concen: 49.475 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

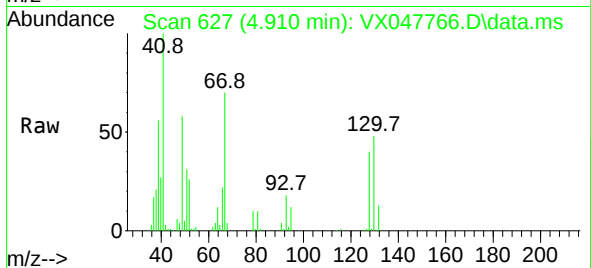
Tgt Ion: 78 Resp: 388475
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2





#41
Methacrylonitrile
Concen: 53.683 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

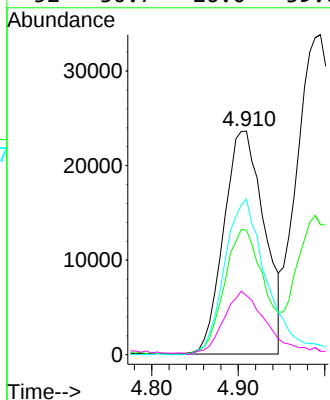
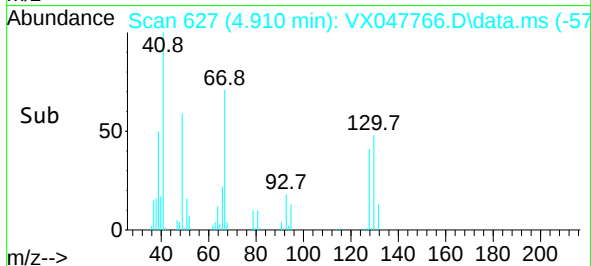
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 41 Resp: 7671
Ion Ratio Lower Upper
41 100
39 55.1 43.3 64.9
67 75.2 58.6 87.8
52 30.7 26.0 39.0

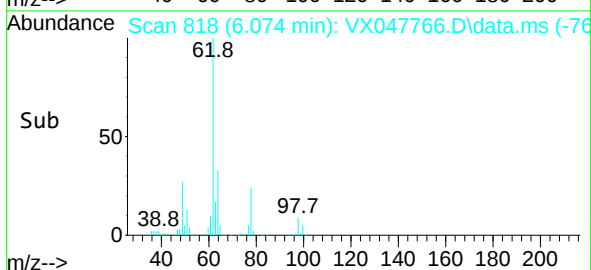
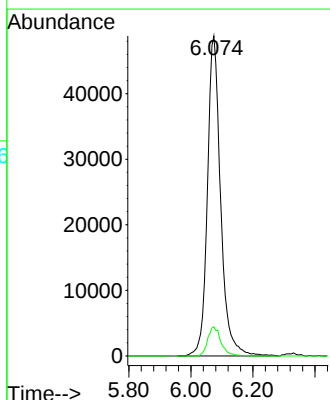
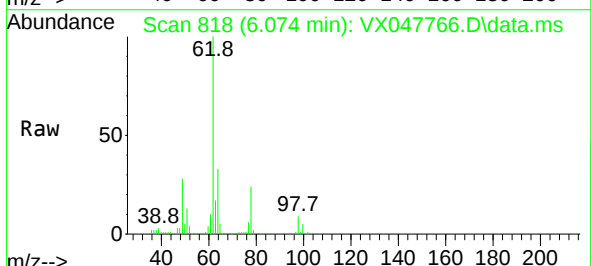
Manual Integrations
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Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 48.308 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Tgt Ion: 62 Resp: 144322
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.0





#43

Isopropyl Acetate

Concen: 45.594 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

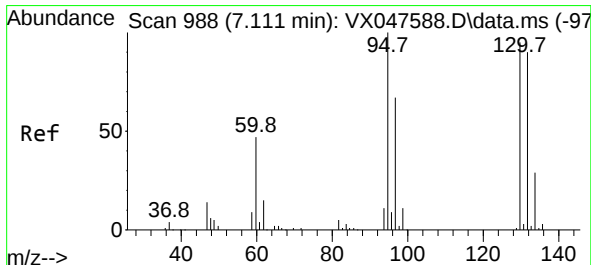
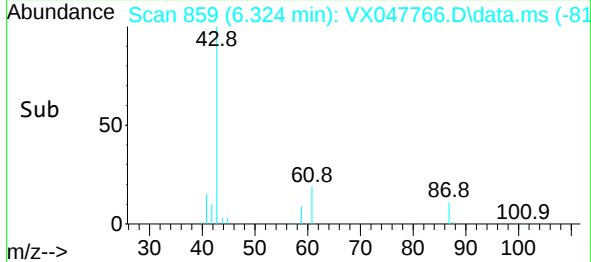
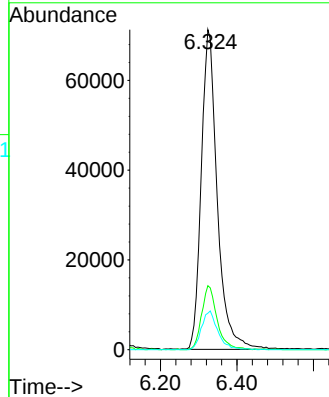
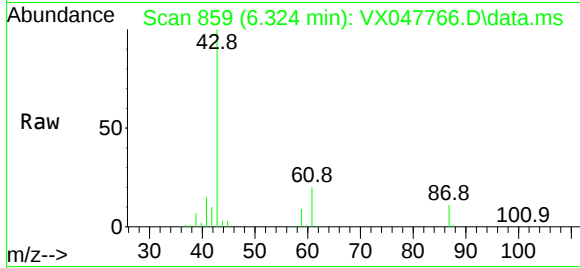
Tgt Ion:	43	Resp:	20698
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.2	22.8
87	12.2	9.6	14.4

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#44

Trichloroethene

Concen: 50.669 ug/l

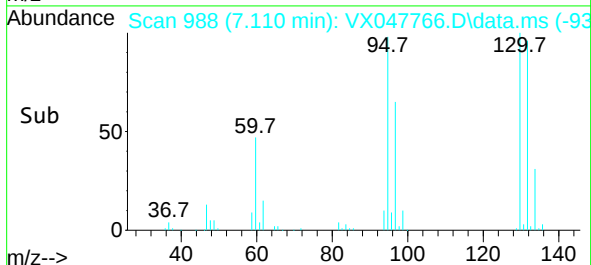
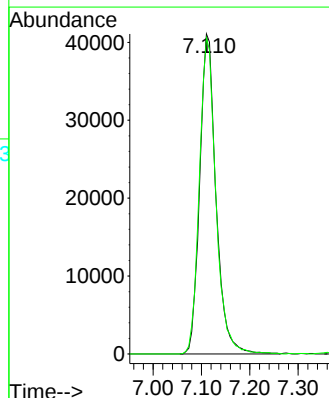
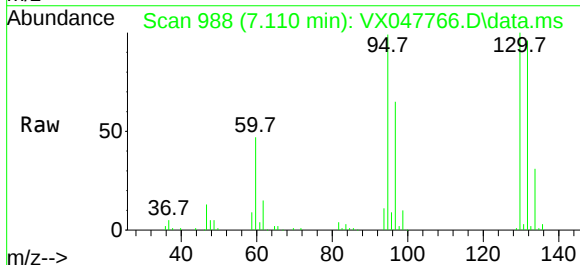
RT: 7.110 min Scan# 988

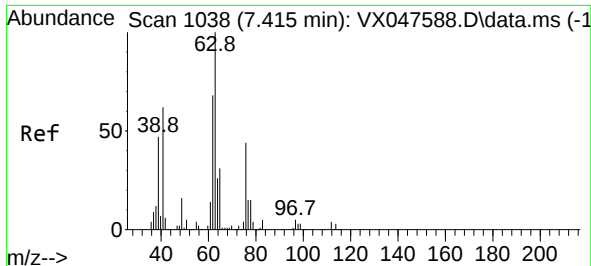
Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Tgt Ion:	130	Resp:	96186
Ion Ratio	Lower	Upper	
130	100		
95	98.8	0.0	210.8





#45

1,2-Dichloropropane

Concen: 50.925 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

Tgt Ion: 63 Resp: 10238

Ion Ratio Lower Upper

63 100

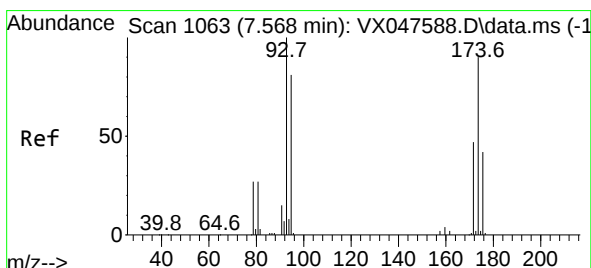
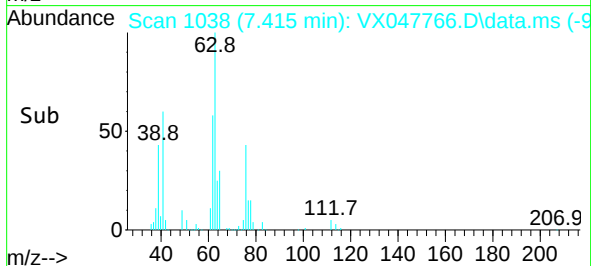
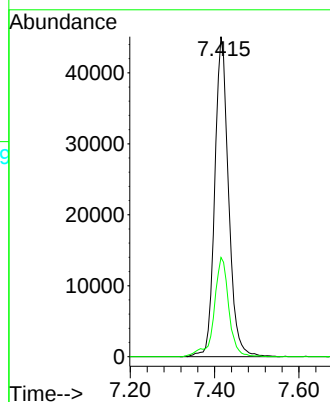
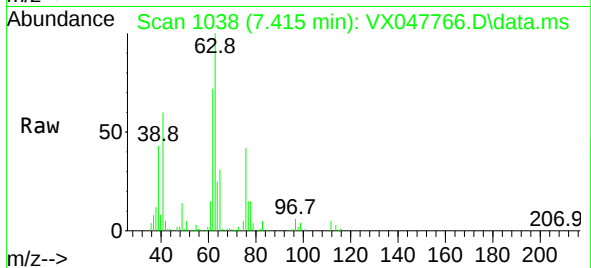
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 50.934 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

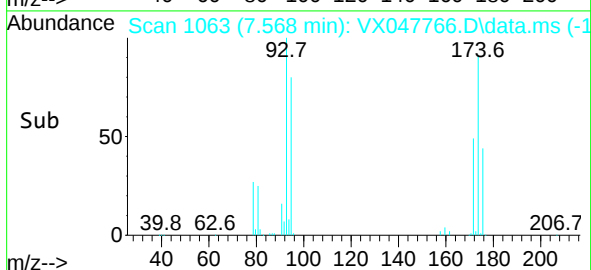
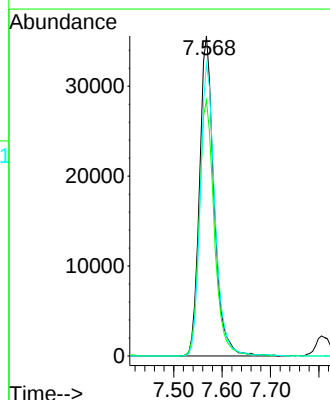
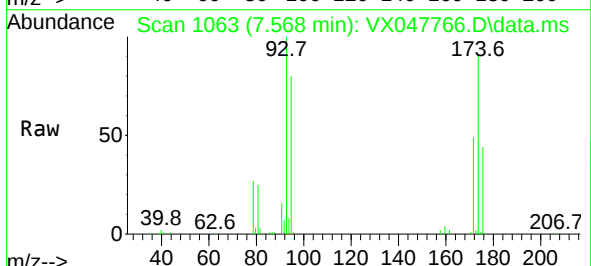
Tgt Ion: 93 Resp: 74522

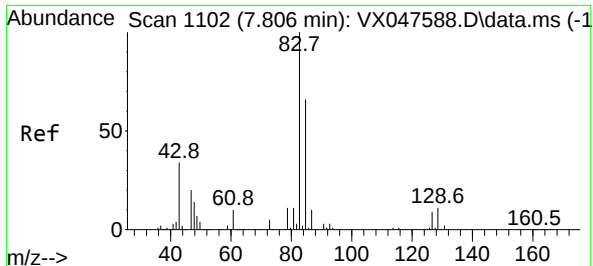
Ion Ratio Lower Upper

93 100

95 82.1 65.0 97.6

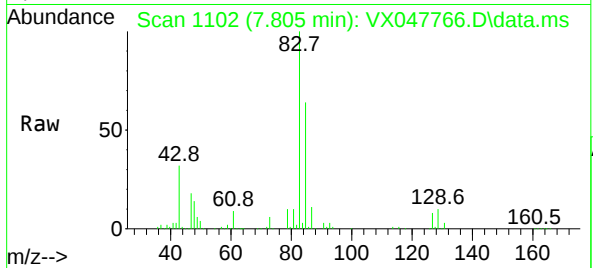
174 91.7 71.6 107.4





#47
Bromodichloromethane
Concen: 49.975 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

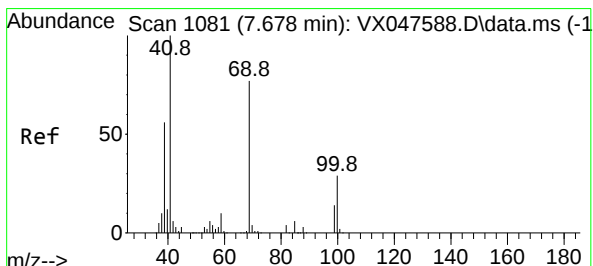
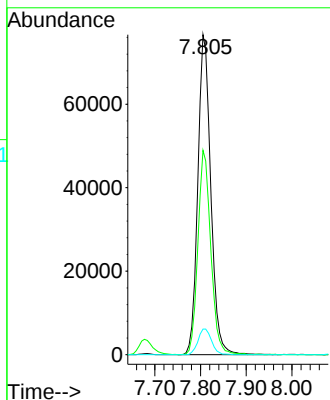
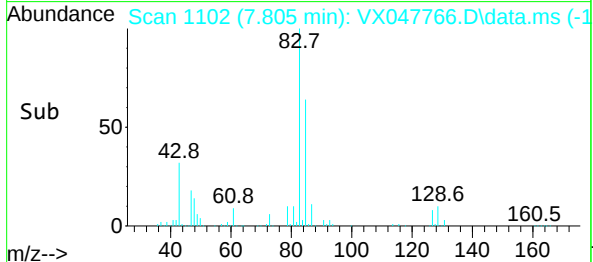
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



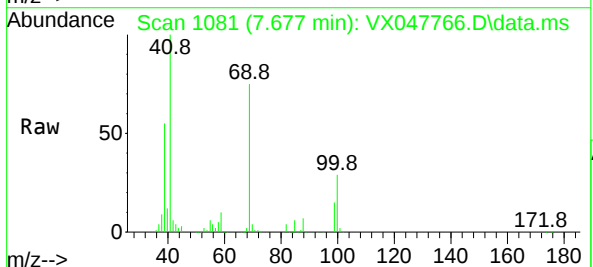
Tgt Ion: 83 Resp: 150885
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 8.0 6.9 10.3

Manual Integrations
APPROVED

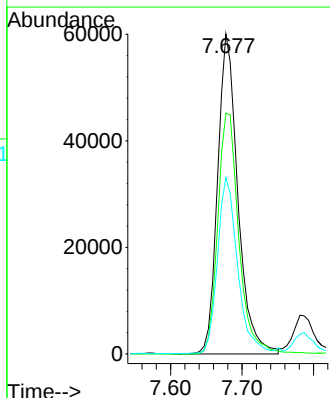
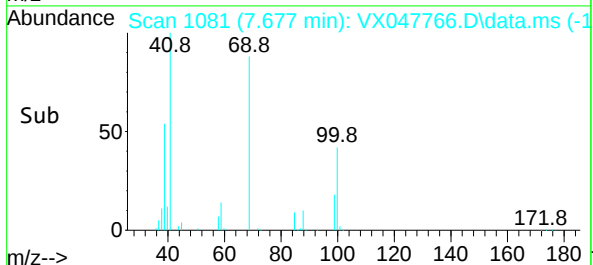
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

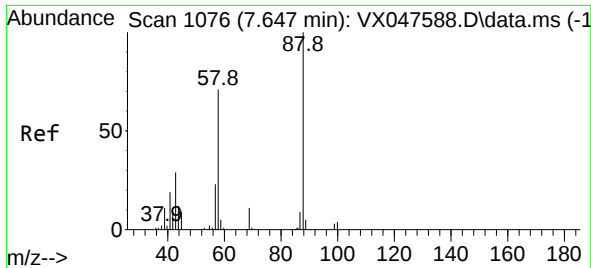


#48
Methyl methacrylate
Concen: 52.272 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



Tgt Ion: 41 Resp: 118201
Ion Ratio Lower Upper
41 100
69 78.4 61.4 92.2
39 54.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1320.503 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

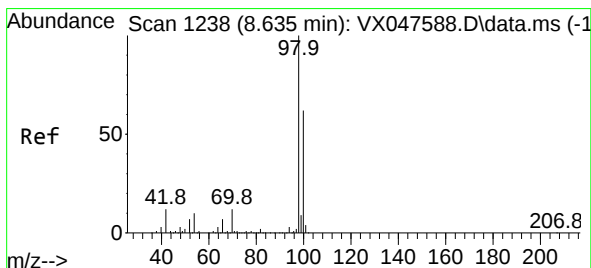
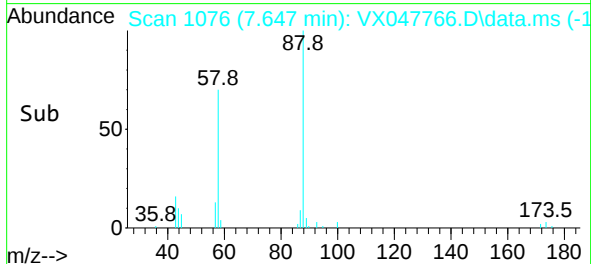
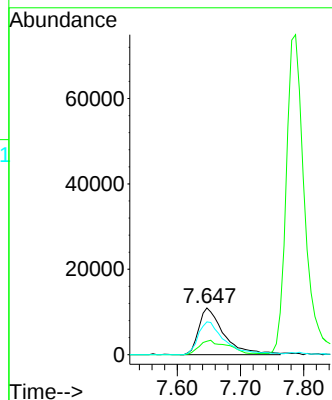
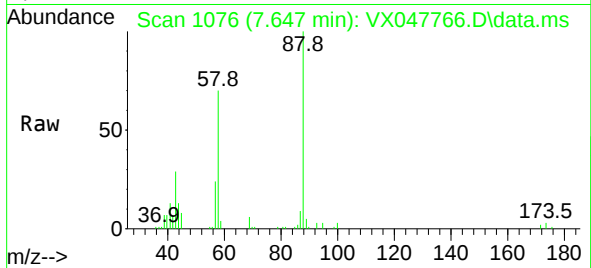
Tgt Ion:	88	Resp:	3017
Ion Ratio	Lower	Upper	
88	100		
43	36.6	30.2	45.2
58	74.3	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 52.997 ug/l

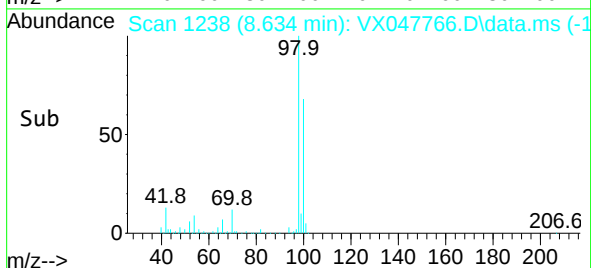
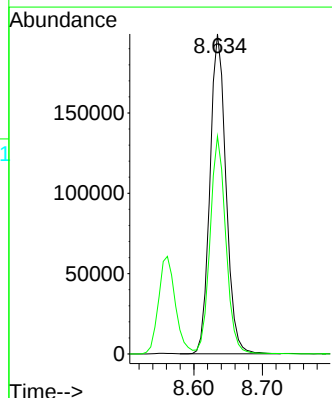
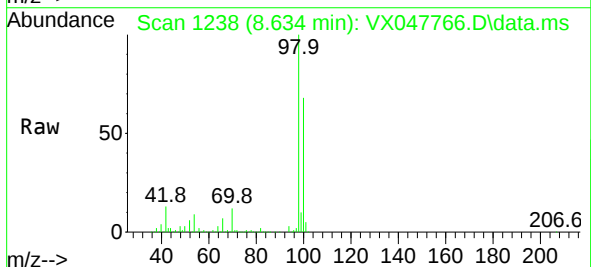
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

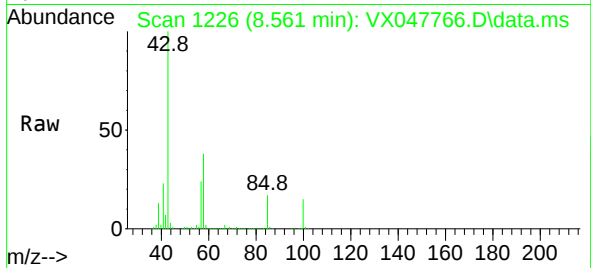
Tgt Ion:	98	Resp:	324432
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 283.339 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

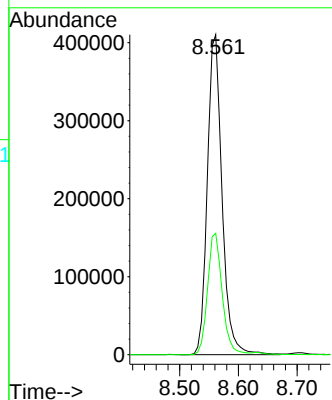
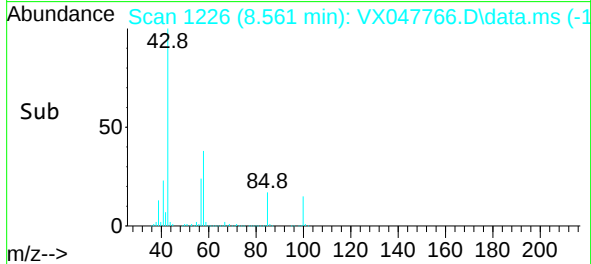
Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD



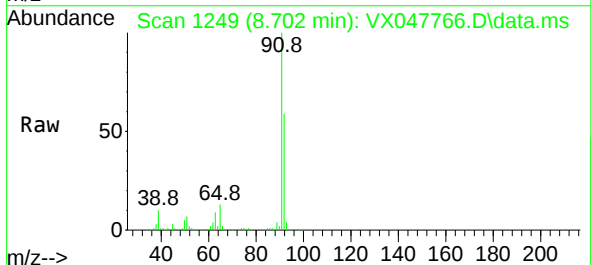
Tgt Ion: 43 Resp: 713169
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

Manual Integrations
APPROVED

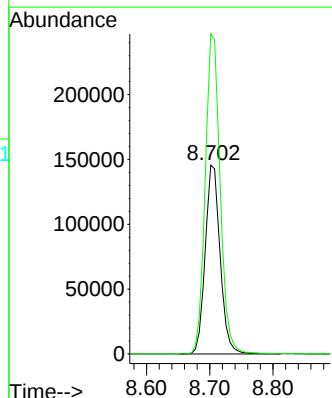
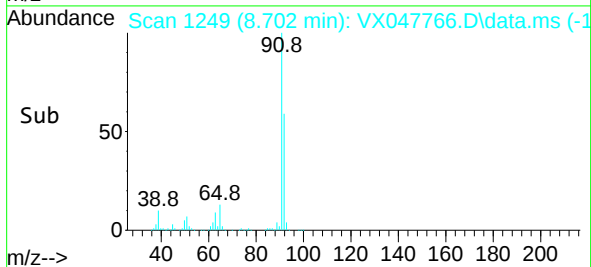
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

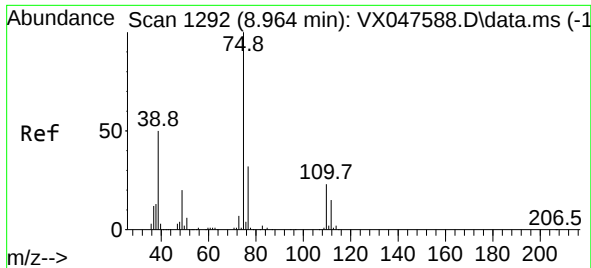


#52
Toluene
Concen: 49.460 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



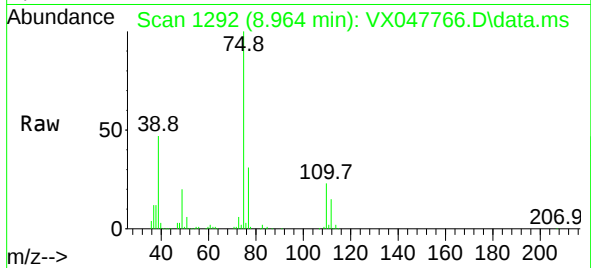
Tgt Ion: 92 Resp: 239265
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 44.580 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

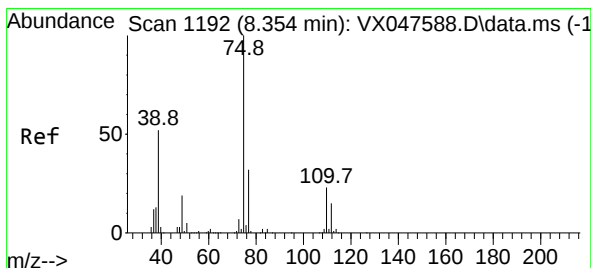
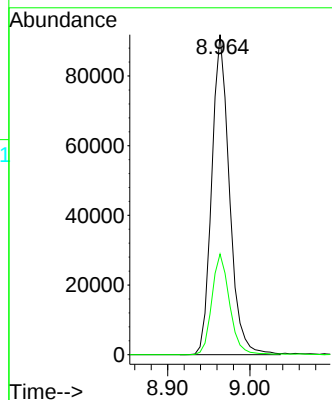
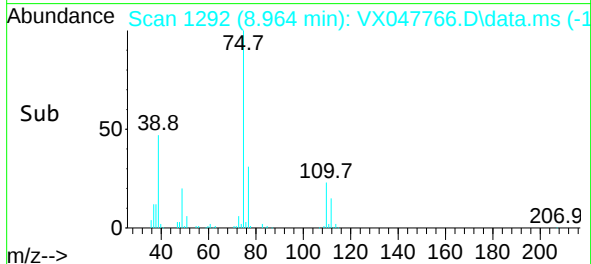
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



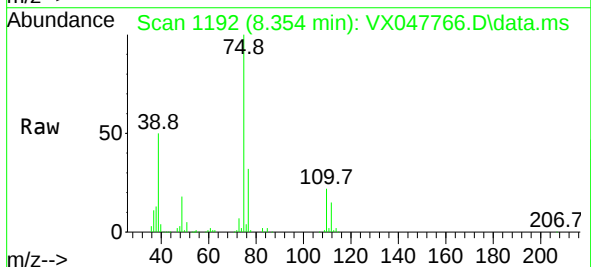
Tgt Ion: 75 Resp: 137290
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2

Manual Integrations
APPROVED

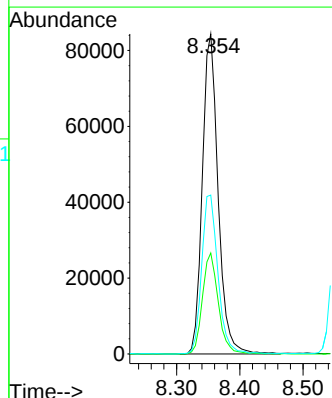
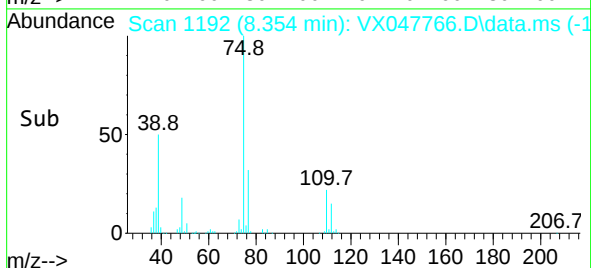
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

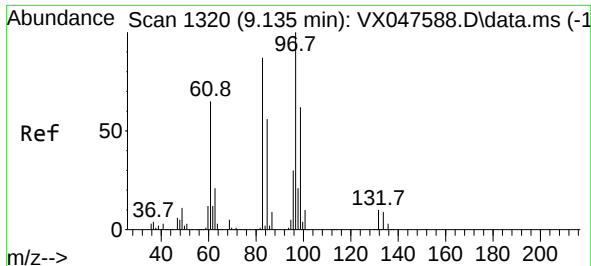


#54
cis-1,3-Dichloropropene
Concen: 44.500 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



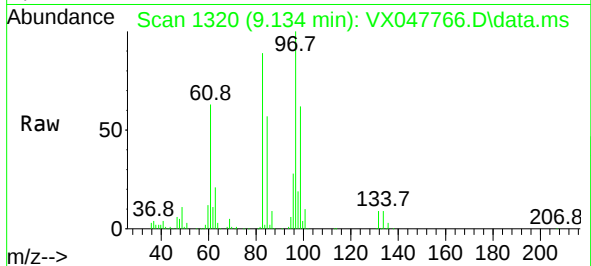
Tgt Ion: 75 Resp: 146478
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 49.6 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 52.799 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

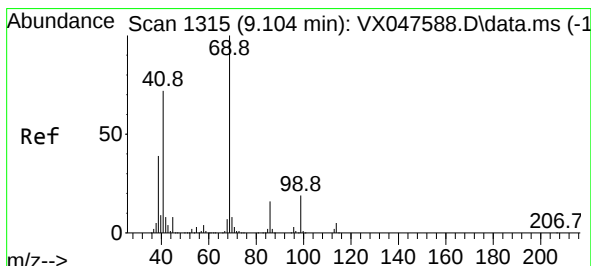
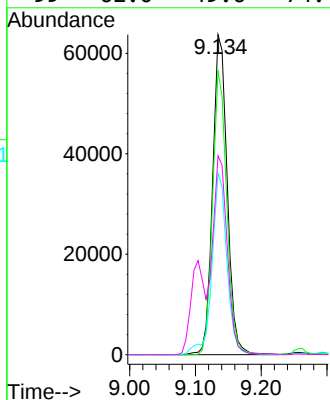
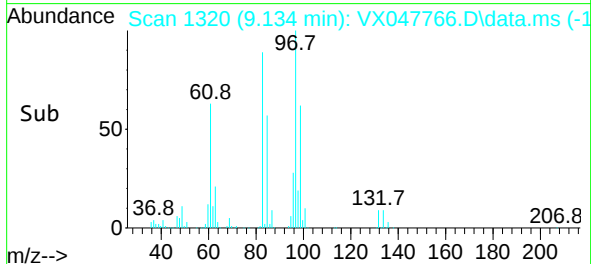
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



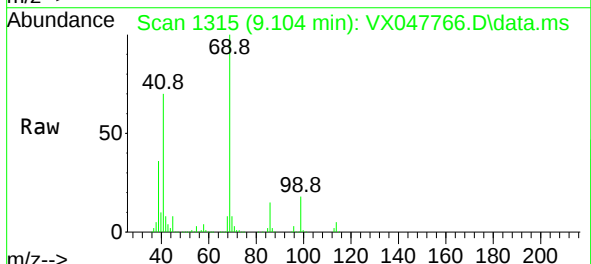
Tgt Ion:	97	Resp:	9848
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.6	104.4
85	56.6	45.0	67.6
99	62.0	49.6	74.4

Manual Integrations
APPROVED

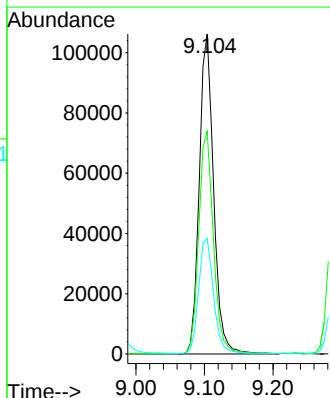
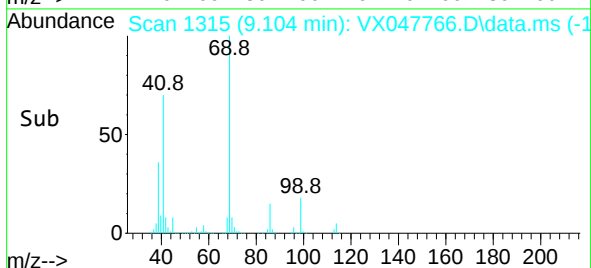
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

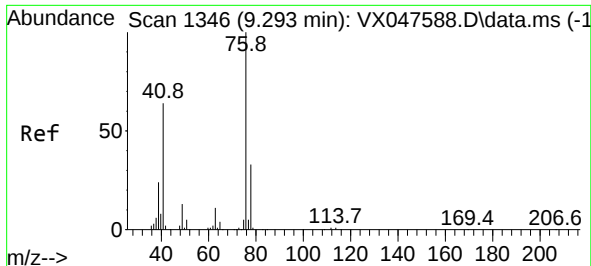


#56
Ethyl methacrylate
Concen: 52.944 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



Tgt Ion:	69	Resp:	155097
Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	37.7	31.5	47.3





#57

1,3-Dichloropropane

Concen: 51.905 ug/l

RT: 9.293 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

Tgt Ion: 76 Resp: 16632

Ion Ratio Lower Upper

76 100

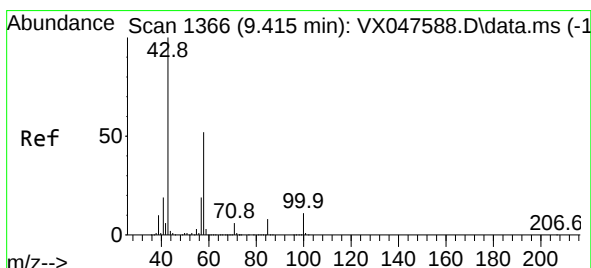
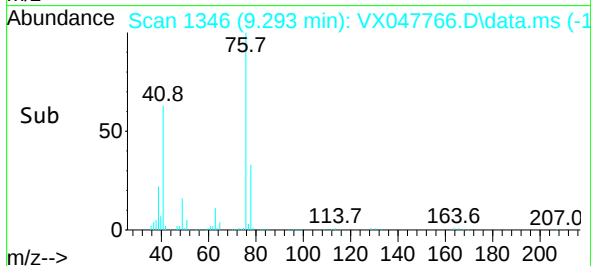
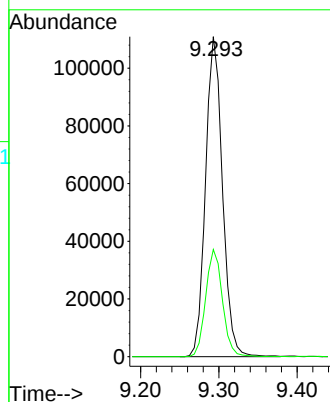
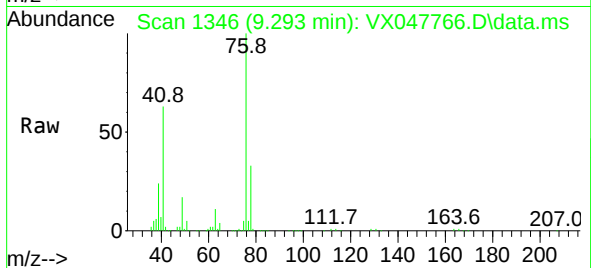
78 33.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#59

2-Hexanone

Concen: 277.346 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. -0.000 min

Lab File: VX047766.D

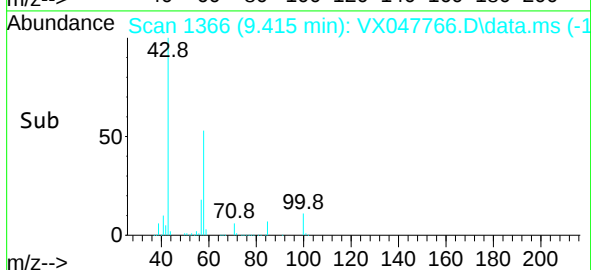
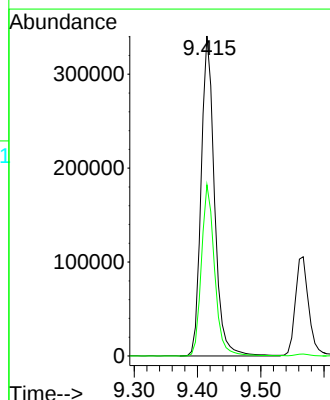
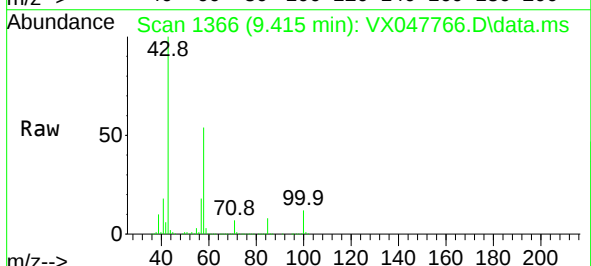
Acq: 24 Sep 2025 10:29

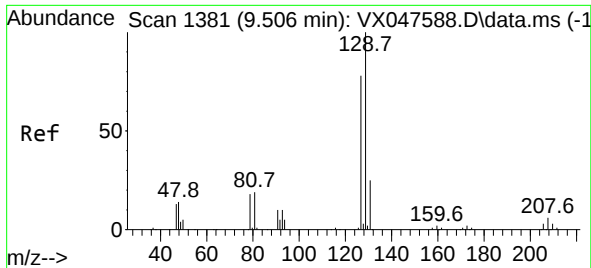
Tgt Ion: 43 Resp: 501366

Ion Ratio Lower Upper

43 100

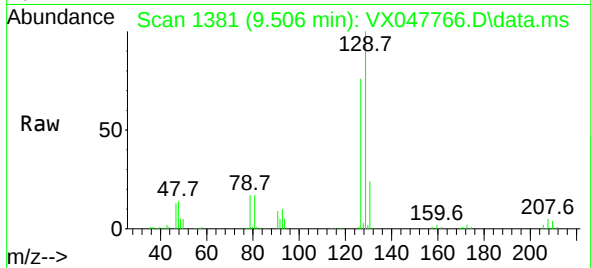
58 52.9 26.1 78.2





#60
Dibromochloromethane
Concen: 51.633 ug/l
RT: 9.506 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

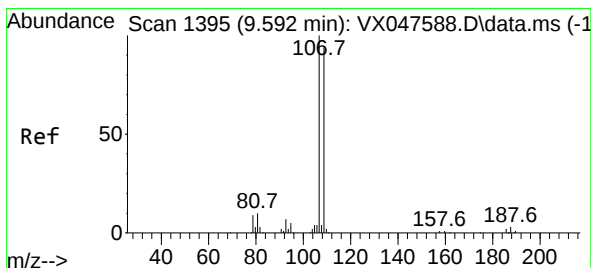
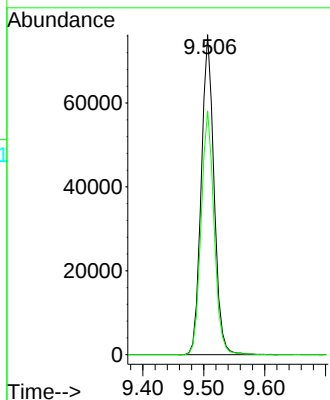
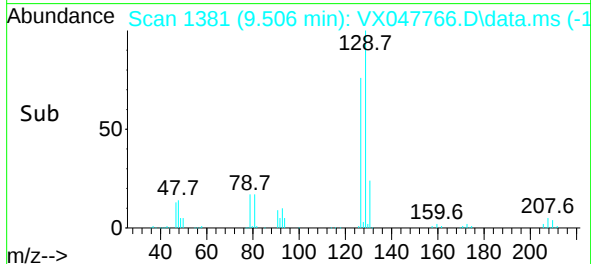
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



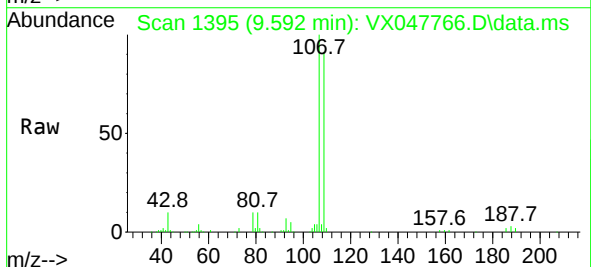
Tgt Ion:129 Resp: 11097
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

Manual Integrations
APPROVED

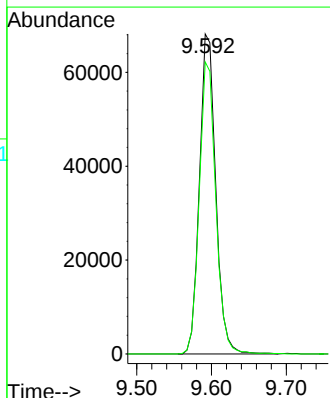
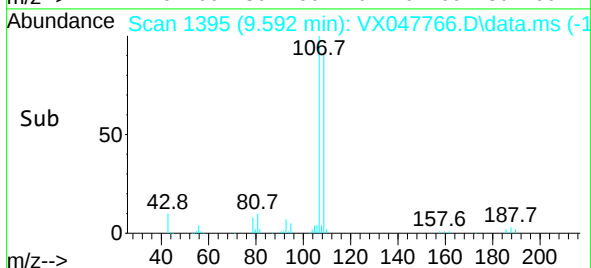
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

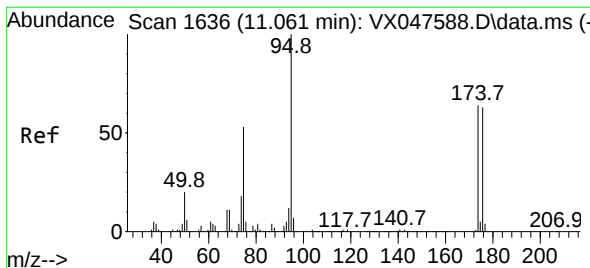


#61
1,2-Dibromoethane
Concen: 54.225 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



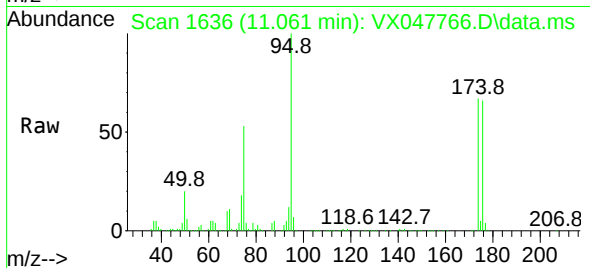
Tgt Ion:107 Resp: 103024
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 52.143 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

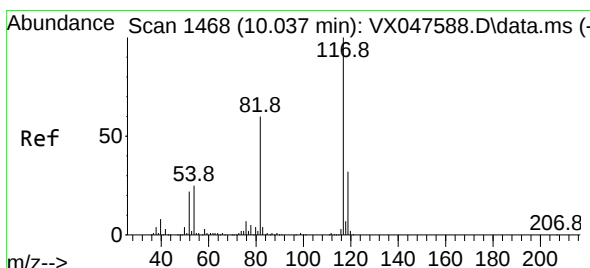
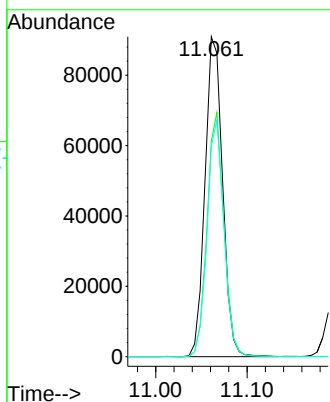
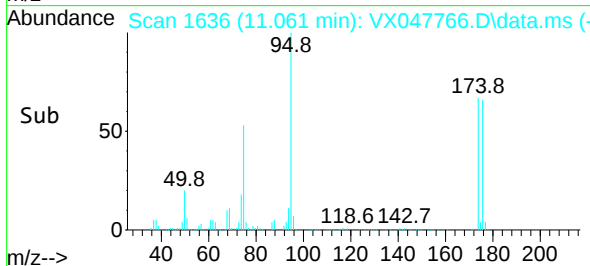
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



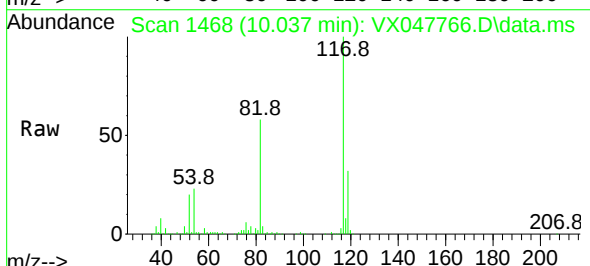
Tgt Ion: 95 Resp: 121144
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 70.8 0.0 138.4

Manual Integrations
APPROVED

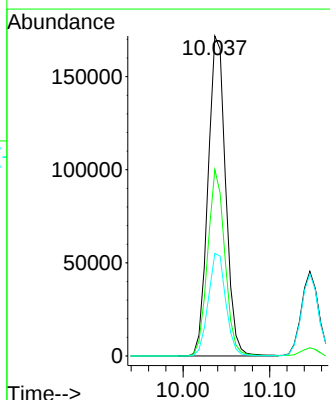
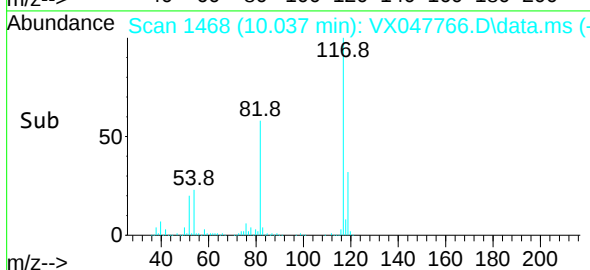
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

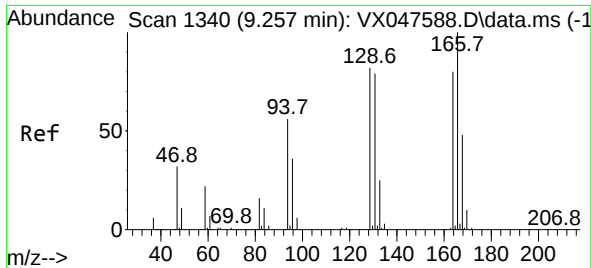


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



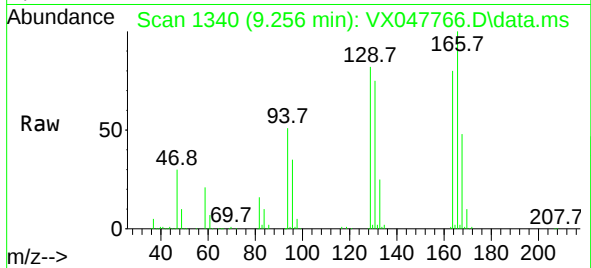
Tgt Ion:117 Resp: 242484
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.0 25.2 37.8





#64
Tetrachloroethene
Concen: 45.364 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

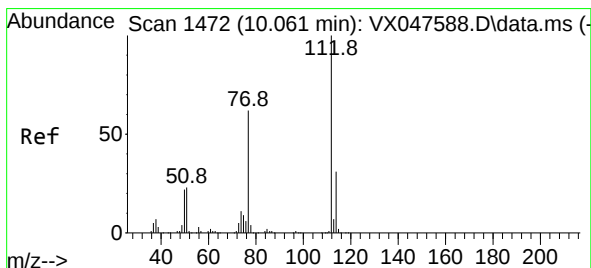
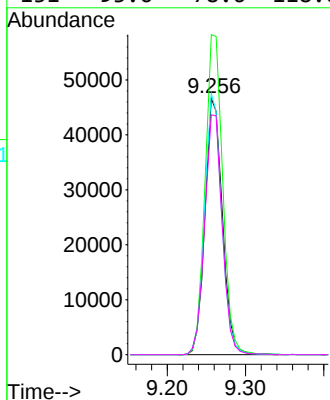
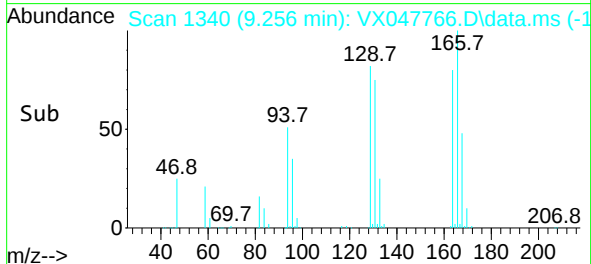
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:164 Resp: 71709
Ion Ratio Lower Upper
164 100
166 124.8 100.2 150.2
129 101.8 81.8 122.6
131 93.6 78.6 118.0

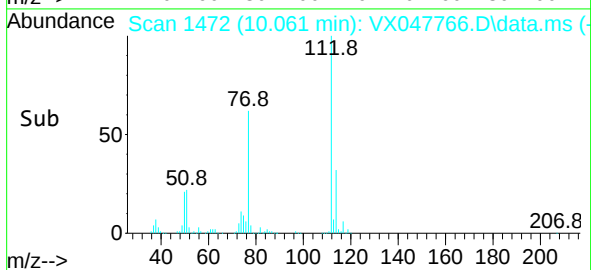
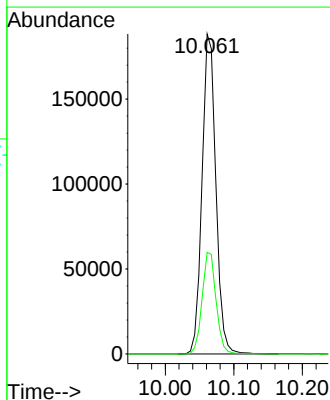
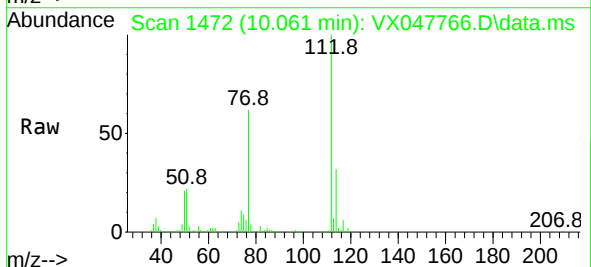
Manual Integrations
APPROVED

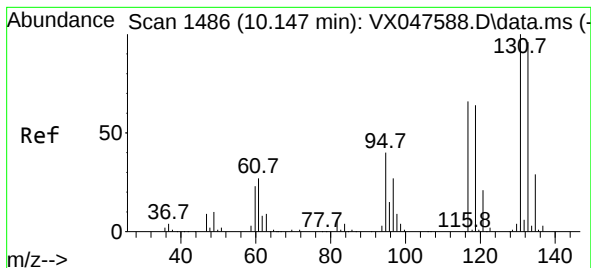
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#65
Chlorobenzene
Concen: 48.019 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

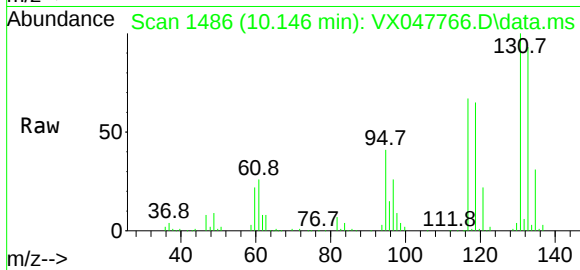
Tgt Ion:112 Resp: 264526
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 48.265 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

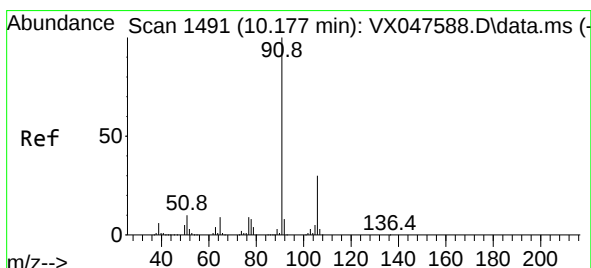
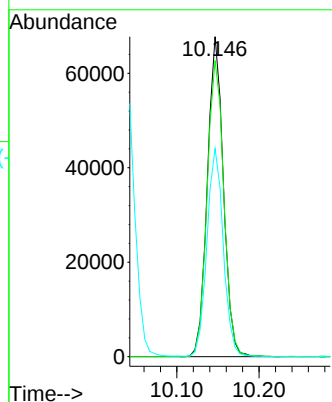
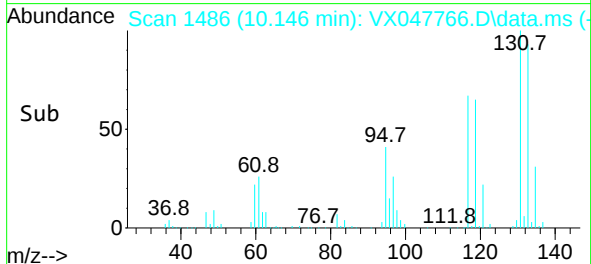
Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD



Tgt Ion:131 Resp: 91748
Ion Ratio Lower Upper
131 100
133 96.5 47.3 142.0
119 66.4 32.0 96.0

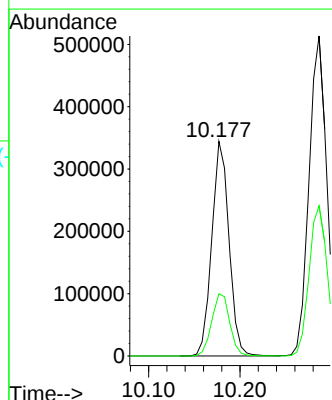
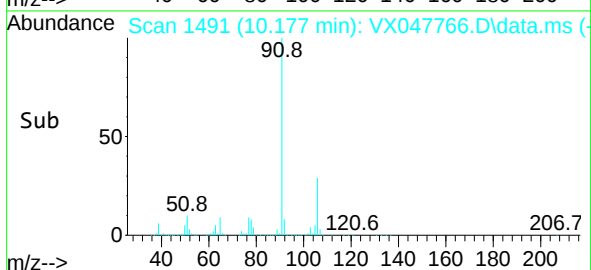
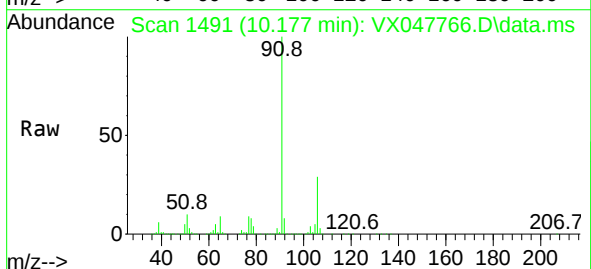
Manual Integrations
APPROVED

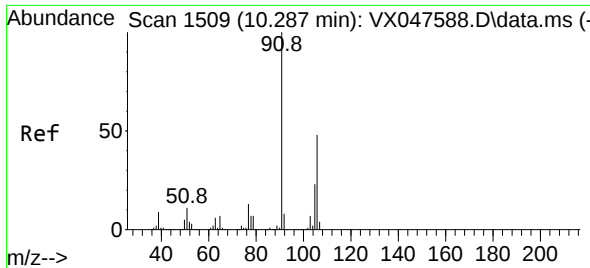
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#67
Ethyl Benzene
Concen: 47.321 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

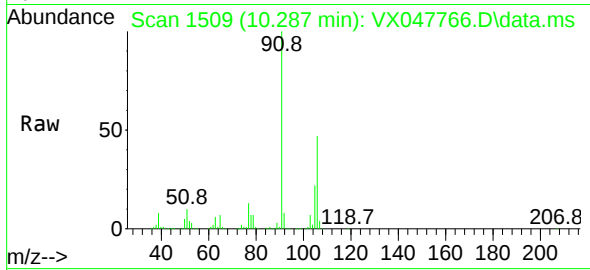
Tgt Ion: 91 Resp: 449782
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5





#68
m/p-Xylenes
Concen: 94.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

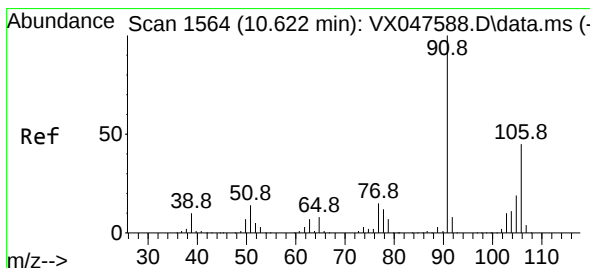
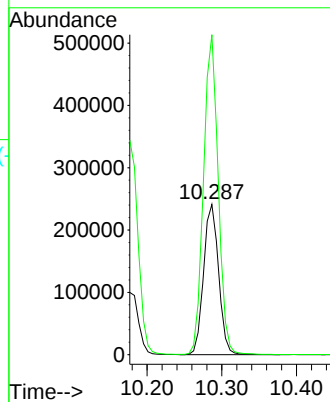
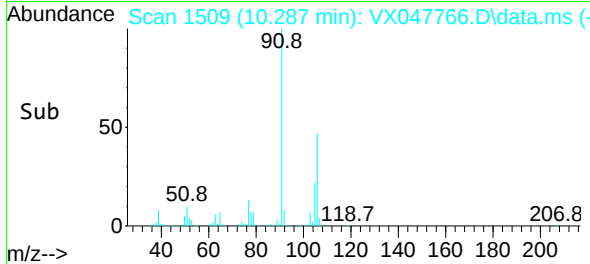
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



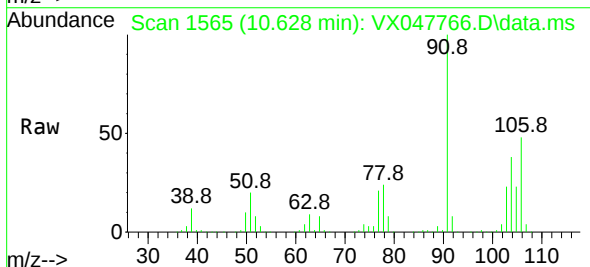
Tgt Ion:106 Resp: 335920
Ion Ratio Lower Upper
106 100
91 208.3 167.8 251.8

Manual Integrations
APPROVED

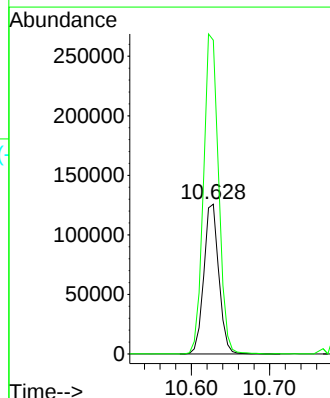
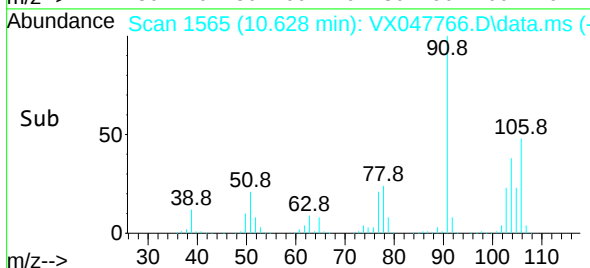
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

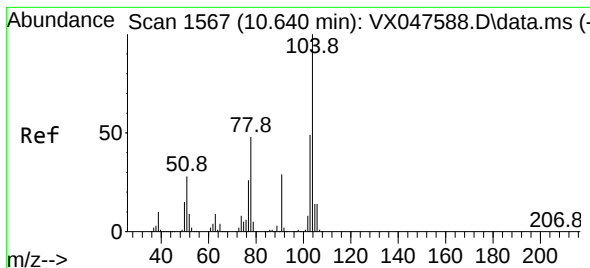


#69
o-Xylene
Concen: 48.660 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



Tgt Ion:106 Resp: 166511
Ion Ratio Lower Upper
106 100
91 216.5 111.1 333.4





#70

Styrene

Concen: 48.620 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

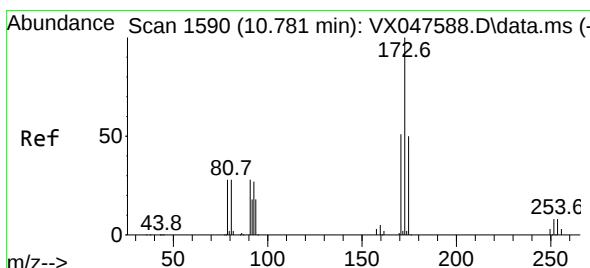
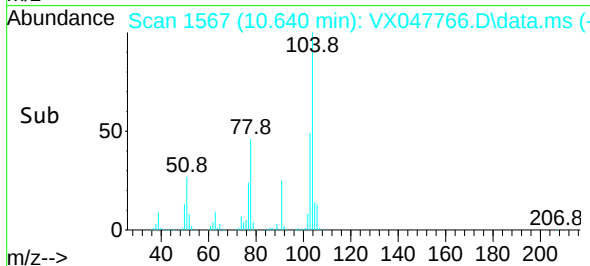
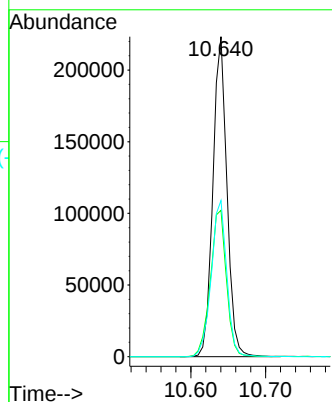
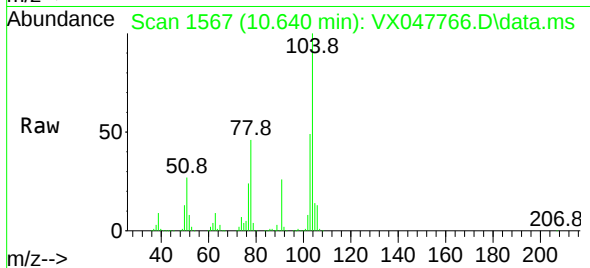
Tgt Ion:	104	Resp:	291510
Ion Ratio	Lower	Upper	
104	100		
78	52.3	43.1	64.7
103	53.8	43.1	64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#71

Bromoform

Concen: 52.175 ug/l

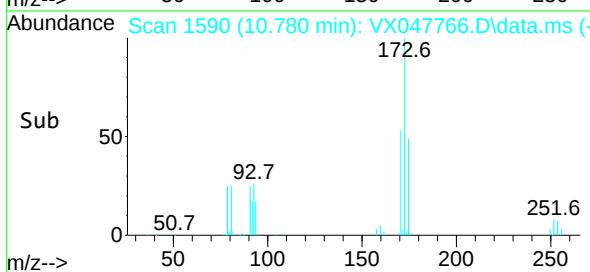
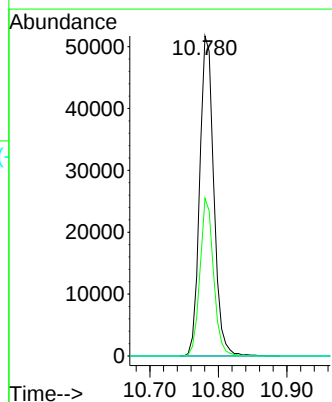
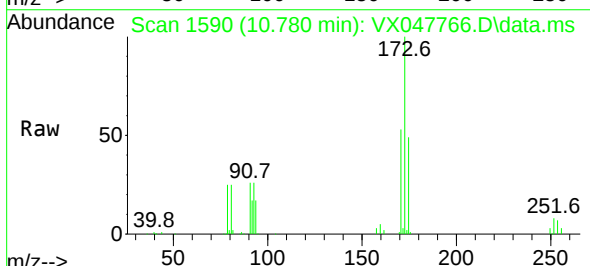
RT: 10.780 min Scan# 1590

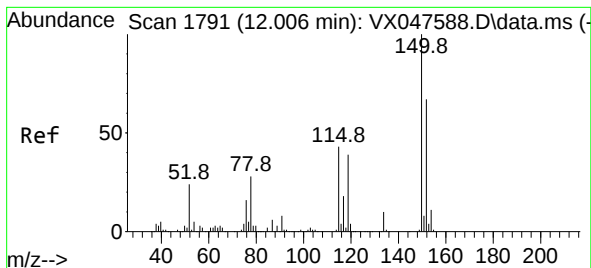
Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

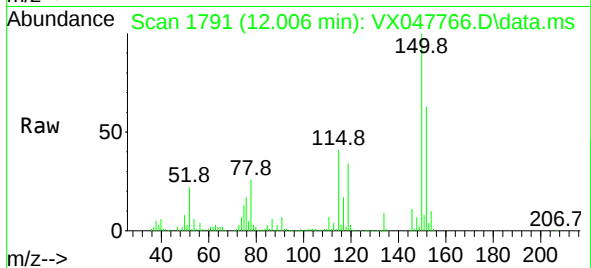
Tgt Ion:	173	Resp:	74058
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.9	74.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

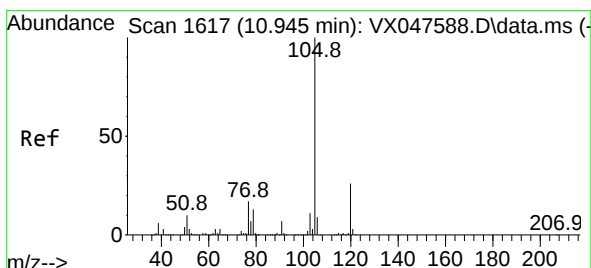
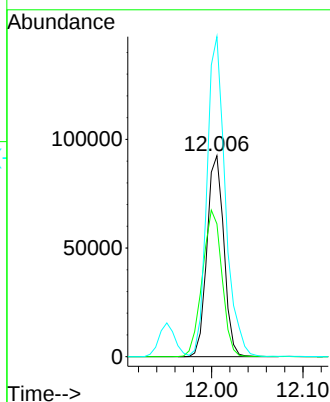
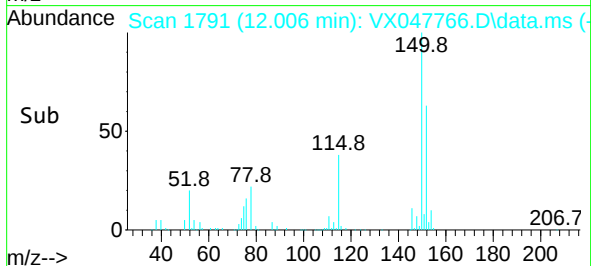
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



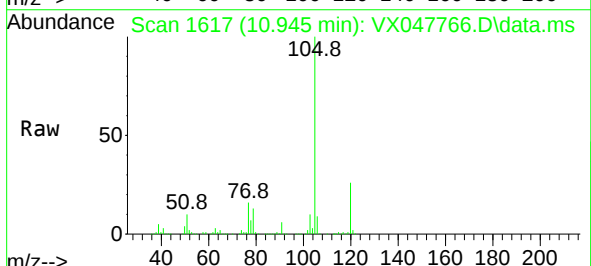
Tgt Ion:152 Resp: 11881
Ion Ratio Lower Upper
152 100
115 84.8 44.9 134.5
150 173.4 0.0 352.0

Manual Integrations
APPROVED

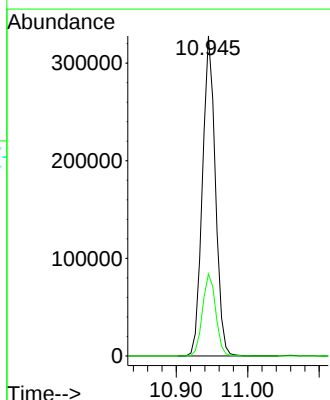
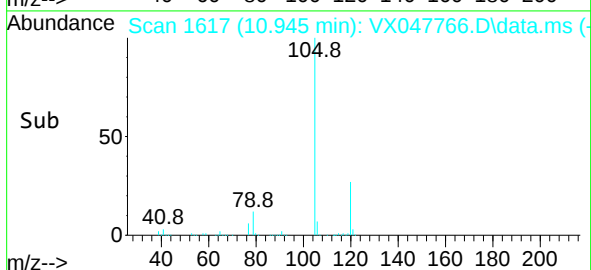
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

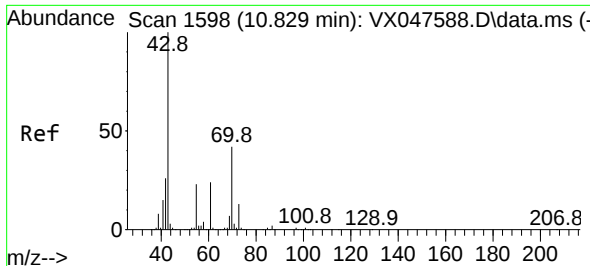


#73
Isopropylbenzene
Concen: 45.649 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



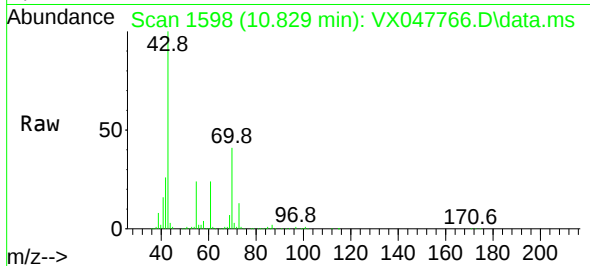
Tgt Ion:105 Resp: 412339
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4





#74
N-amy1 acetate
Concen: 39.662 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

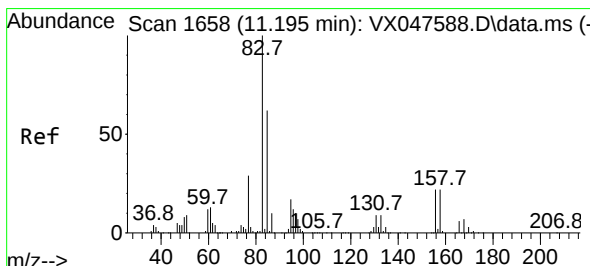
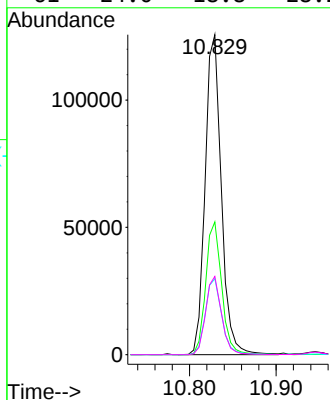
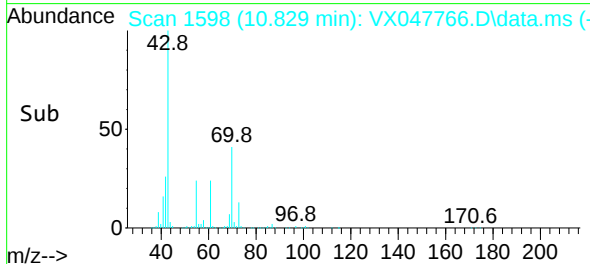
Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD



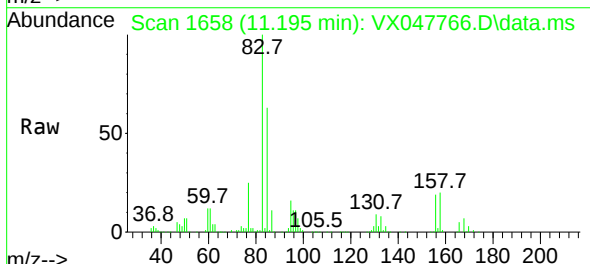
Tgt Ion: 43 Resp: 163374
Ion Ratio Lower Upper
43 100
70 41.0 32.0 48.0
55 24.1 18.9 28.3
61 24.0 18.8 28.2

Manual Integrations
APPROVED

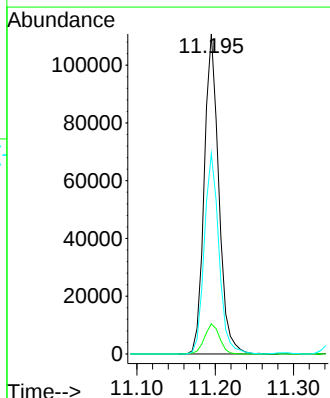
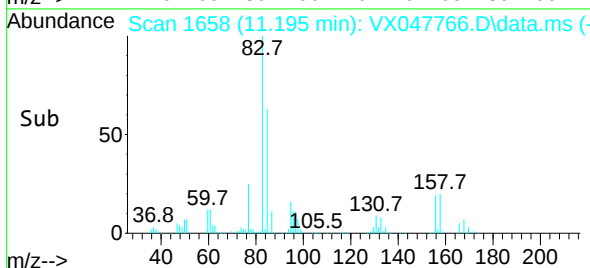
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

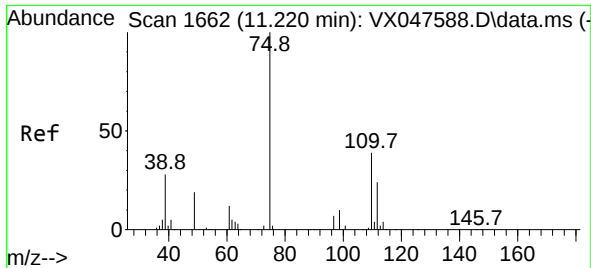


#75
1,1,2,2-Tetrachloroethane
Concen: 52.092 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



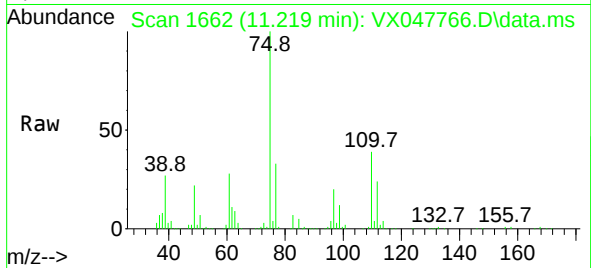
Tgt Ion: 83 Resp: 142362
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.1 31.6 95.0





#76
1,2,3-Trichloropropane
Concen: 45.118 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

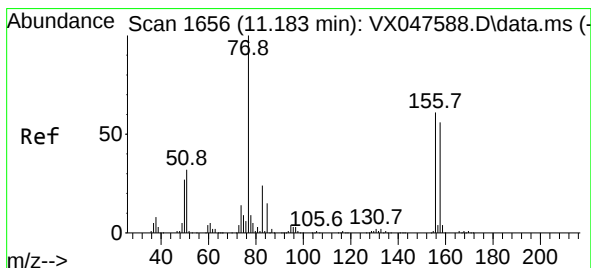
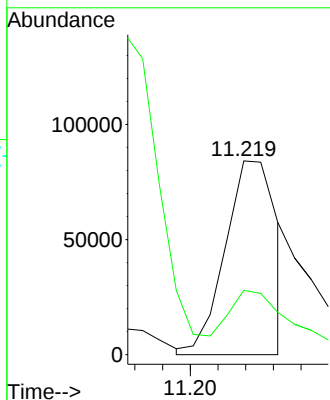
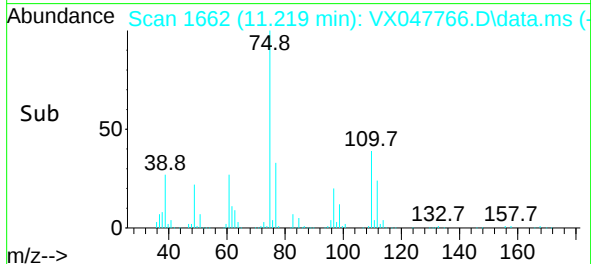
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



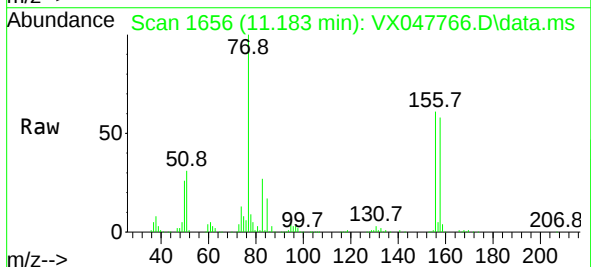
Tgt Ion: 75 Resp: 108534
Ion Ratio Lower Upper
75 100
77 41.8 18.8 56.4

Manual Integrations
APPROVED

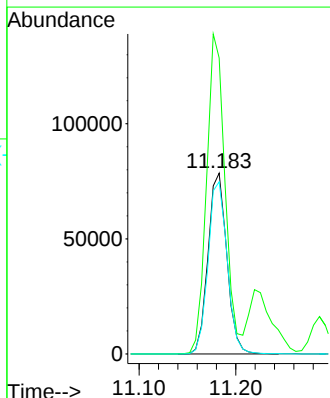
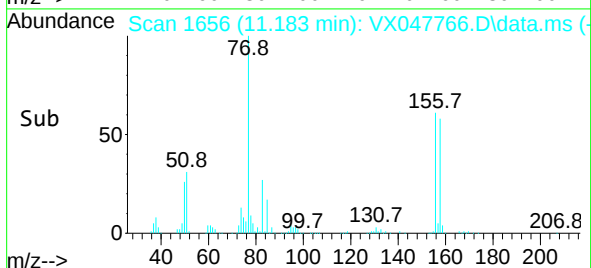
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

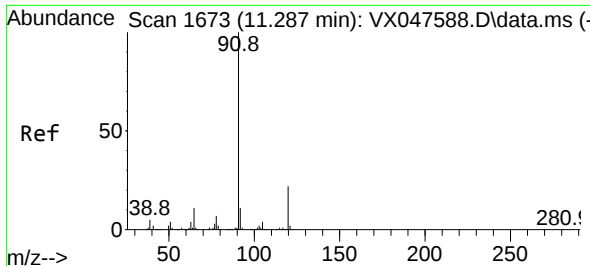


#77
Bromobenzene
Concen: 47.872 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



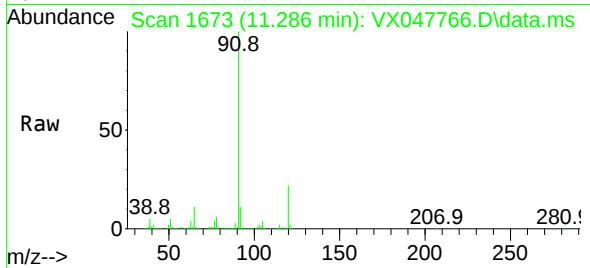
Tgt Ion:156 Resp: 106503
Ion Ratio Lower Upper
156 100
77 174.2 89.7 269.1
158 96.5 47.9 143.6





#78
n-propylbenzene
Concen: 45.683 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

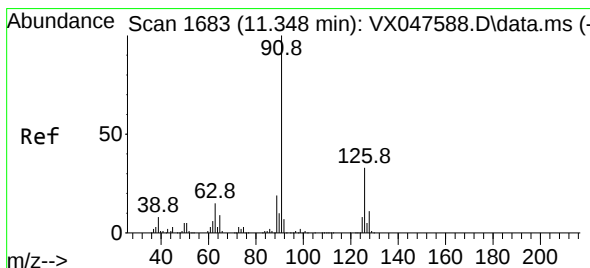
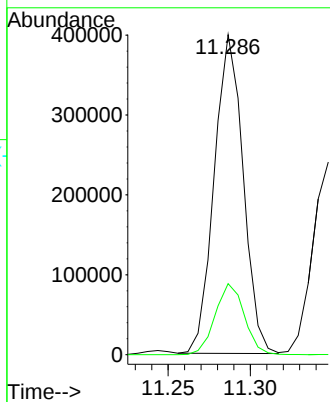
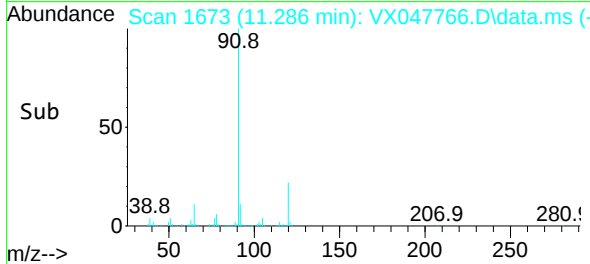
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 91 Resp: 48780
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

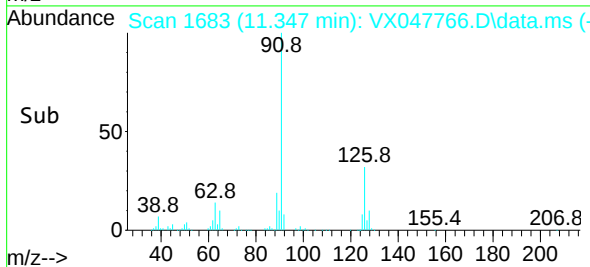
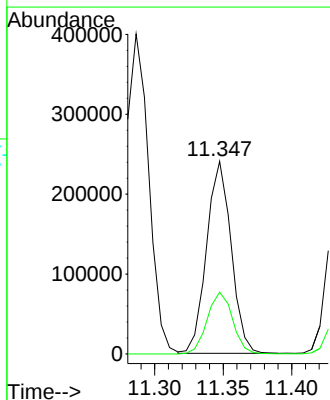
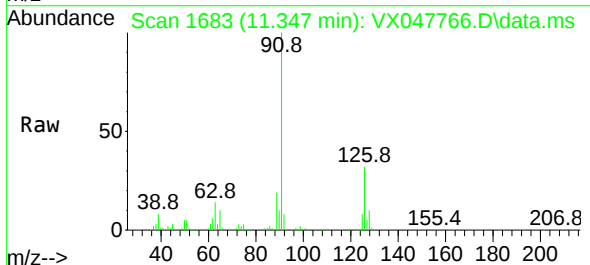
Manual Integrations
APPROVED

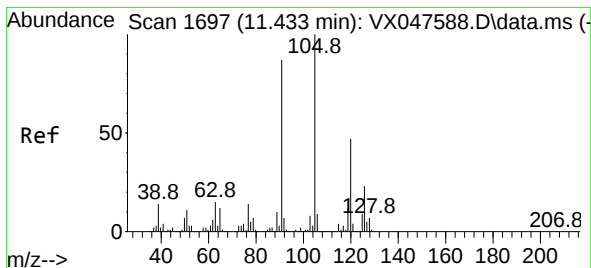
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#79
2-Chlorotoluene
Concen: 45.856 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Tgt Ion: 91 Resp: 299902
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 46.008 ug/l

RT: 11.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047766.D

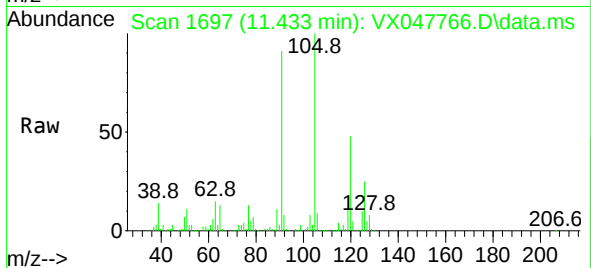
Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD



Tgt Ion:105 Resp: 341430

Ion Ratio Lower Upper

105 100

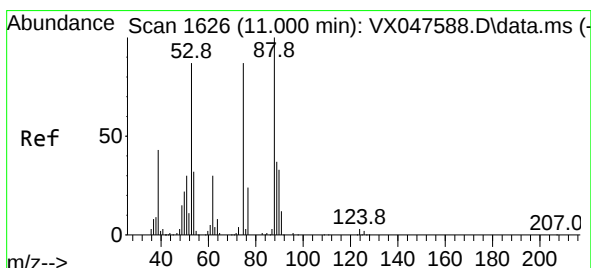
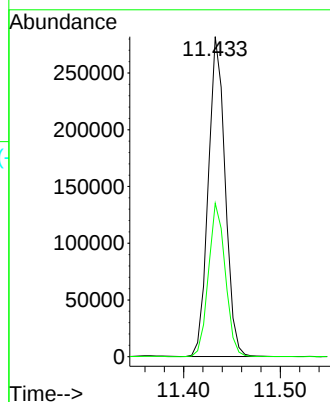
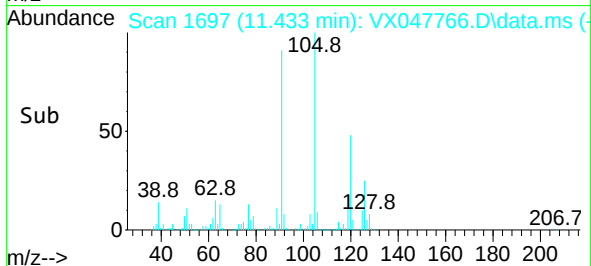
120 47.9 23.6 70.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 37.151 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

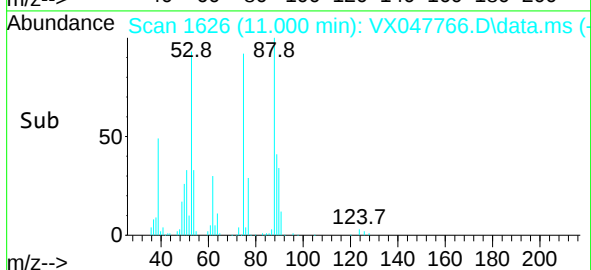
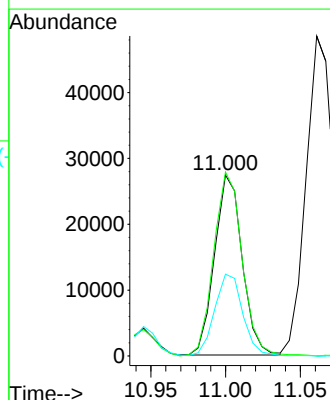
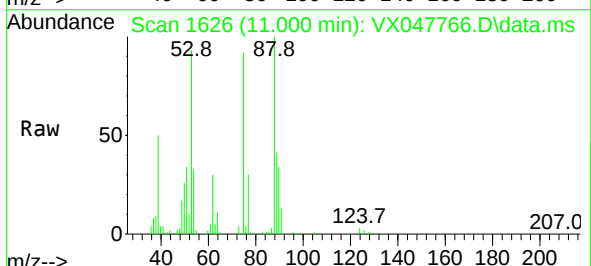
Tgt Ion: 75 Resp: 35045

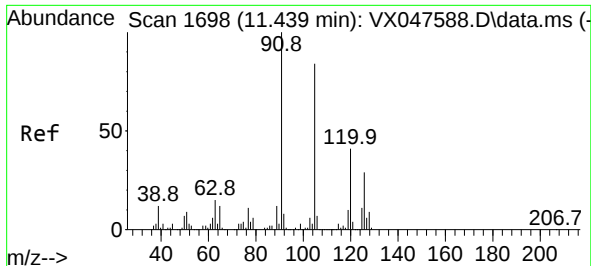
Ion Ratio Lower Upper

75 100

53 105.5 83.4 125.2

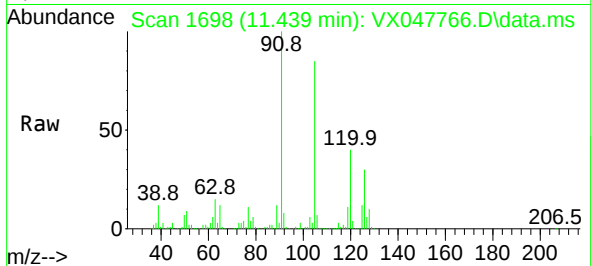
89 46.5 36.3 54.5





#82
4-Chlorotoluene
Concen: 45.698 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

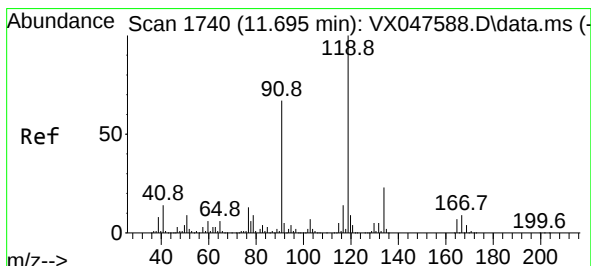
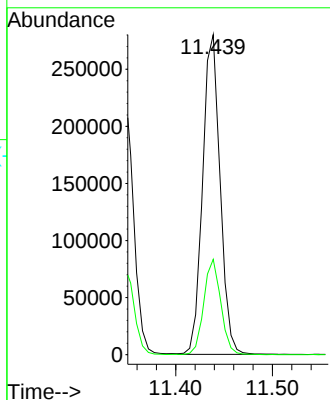
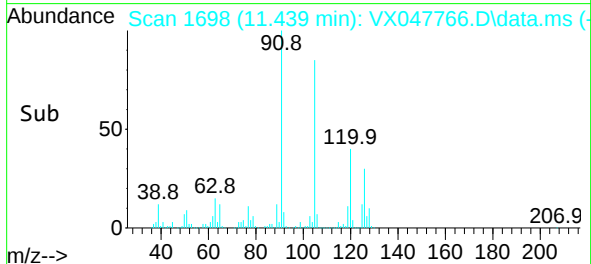
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion: 91 Resp: 352975
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6

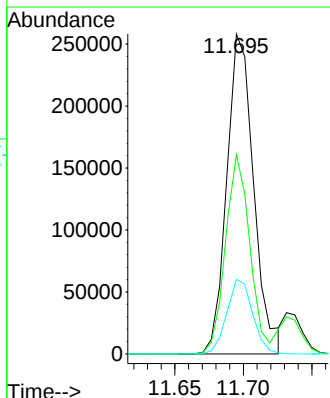
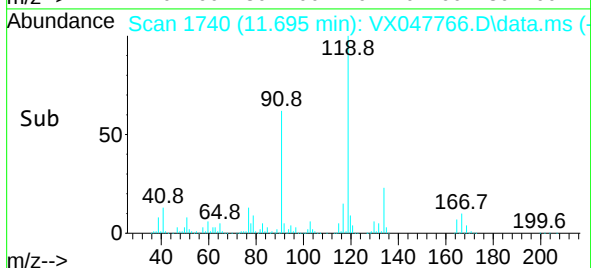
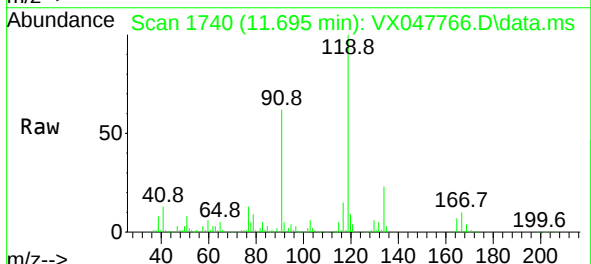
Manual Integrations
APPROVED

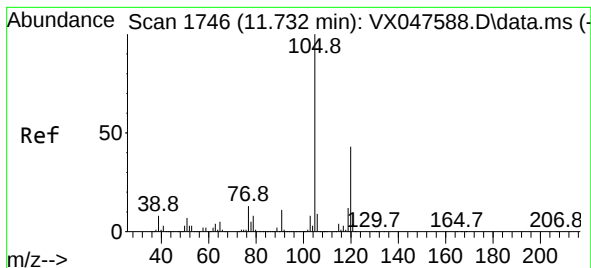
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#83
tert-Butylbenzene
Concen: 46.443 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Tgt Ion:119 Resp: 352830
Ion Ratio Lower Upper
119 100
91 56.4 29.6 88.8
134 22.4 11.0 33.0





#84

1,2,4-Trimethylbenzene

Concen: 46.579 ug/l

RT: 11.731 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX047766.D

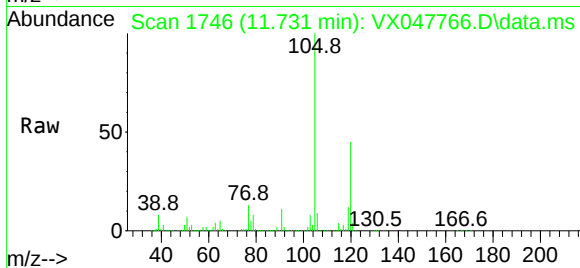
Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD



Tgt Ion:105 Resp: 350450

Ion Ratio Lower Upper

105 100

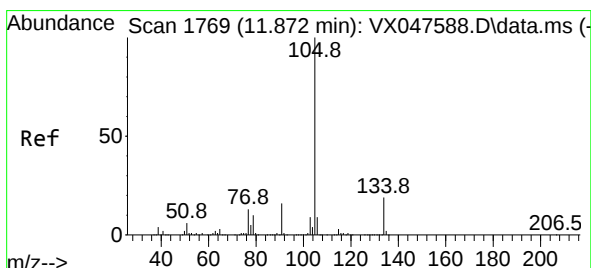
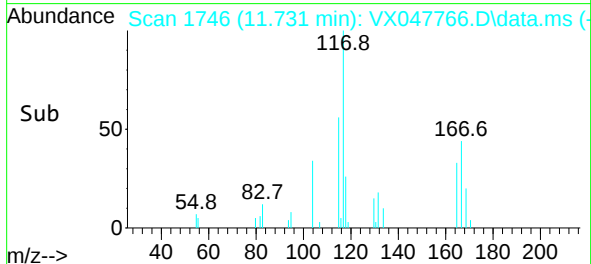
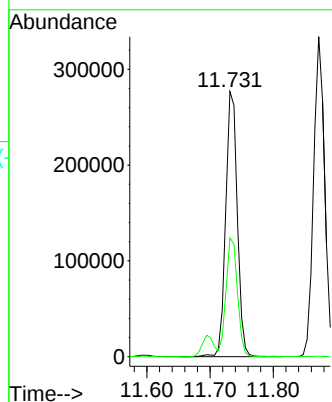
120 44.1 22.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#85

sec-Butylbenzene

Concen: 44.707 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047766.D

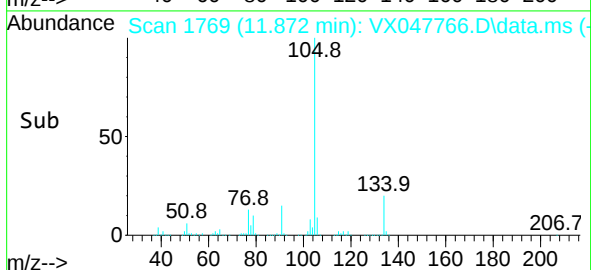
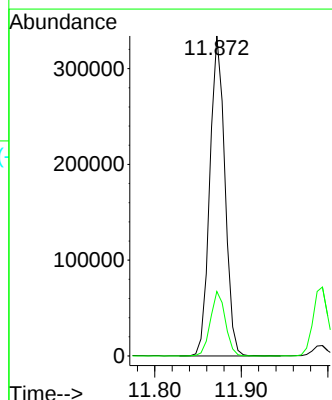
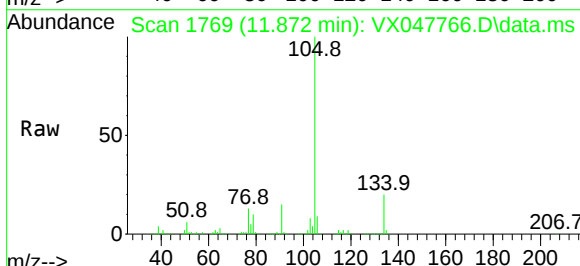
Acq: 24 Sep 2025 10:29

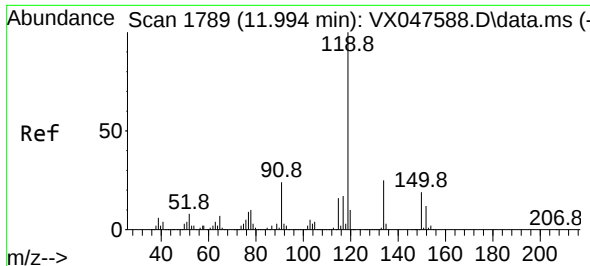
Tgt Ion:105 Resp: 403421

Ion Ratio Lower Upper

105 100

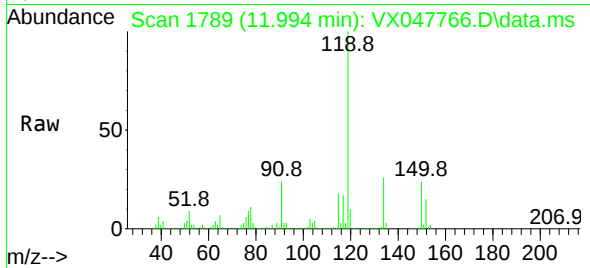
134 20.0 9.8 29.5





#86
p-Isopropyltoluene
Concen: 44.501 ug/l
RT: 11.994 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

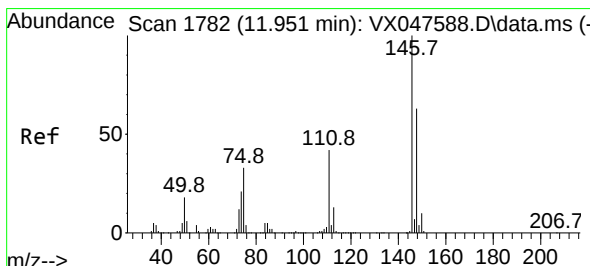
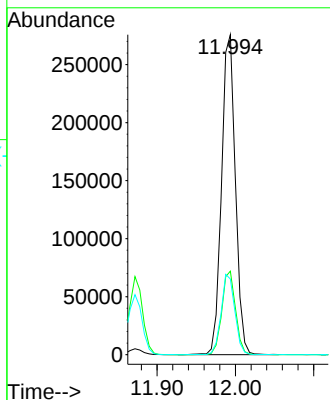
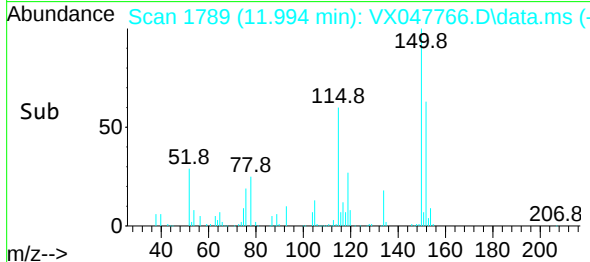
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



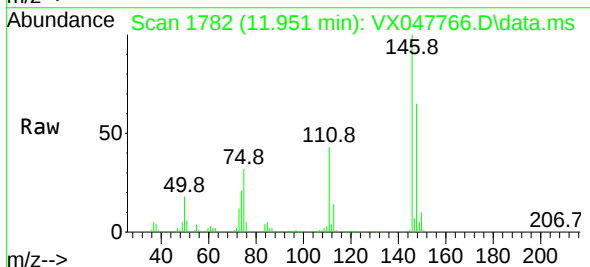
Tgt Ion:119 Resp: 339960
Ion Ratio Lower Upper
119 100
134 25.8 12.6 37.8
91 24.9 12.6 37.6

Manual Integrations
APPROVED

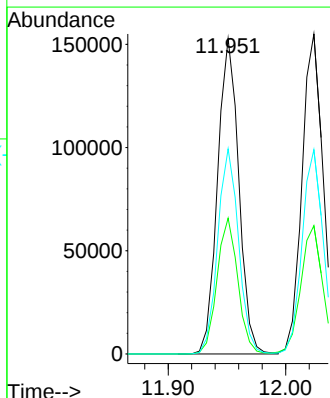
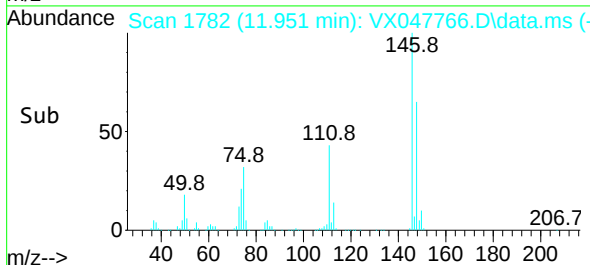
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

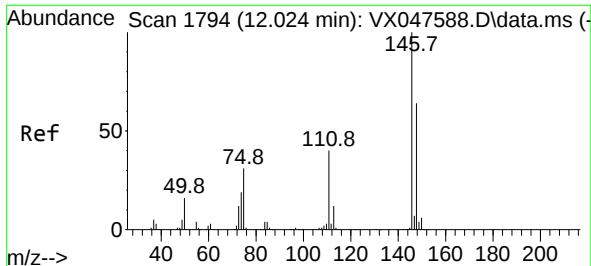


#87
1,3-Dichlorobenzene
Concen: 46.453 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



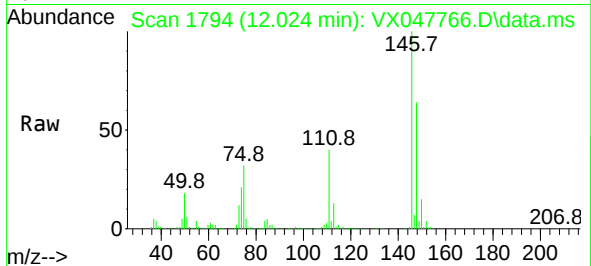
Tgt Ion:146 Resp: 191954
Ion Ratio Lower Upper
146 100
111 42.2 21.5 64.5
148 64.0 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 45.971 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

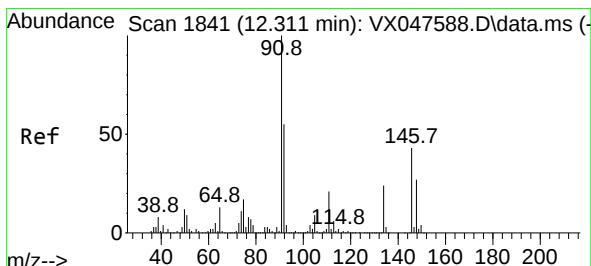
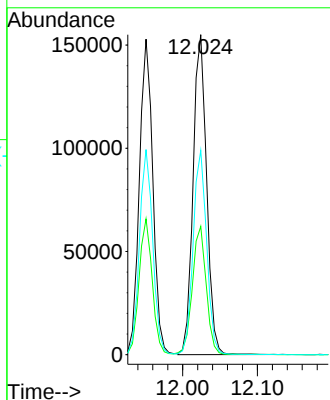
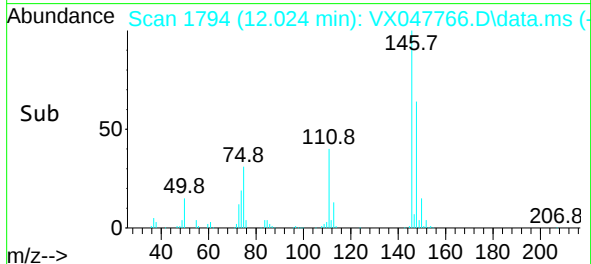
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



Tgt Ion:146 Resp: 194960
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.7 31.7 95.1

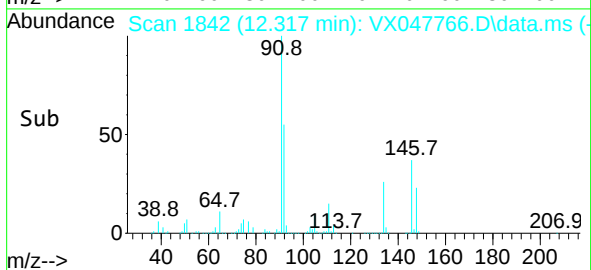
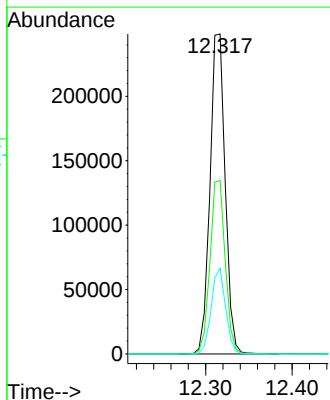
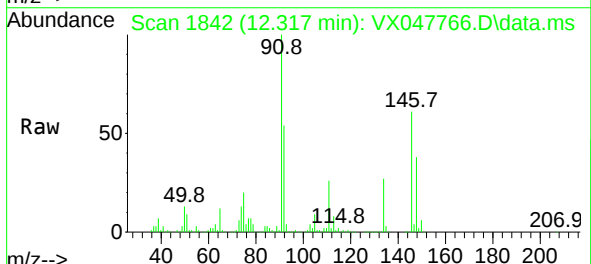
Manual Integrations
APPROVED

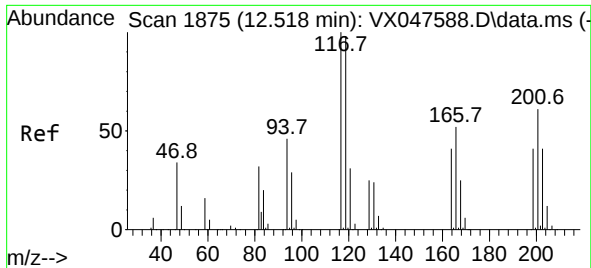
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#89
n-Butylbenzene
Concen: 42.873 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Tgt Ion: 91 Resp: 303064
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 25.4 12.6 37.8





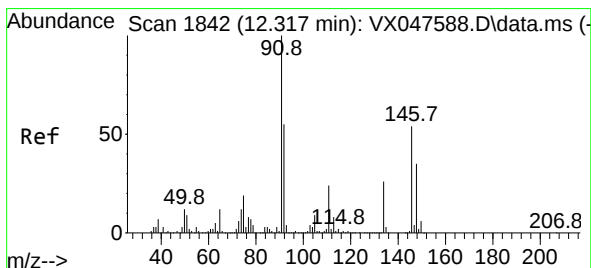
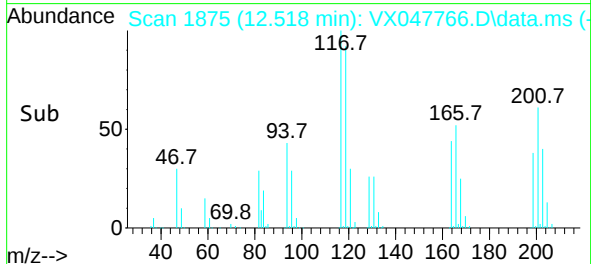
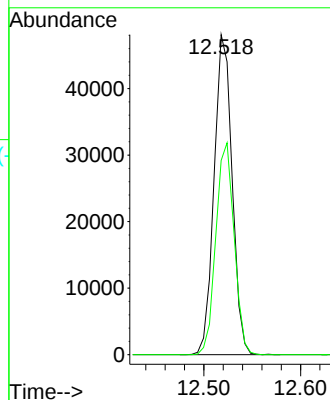
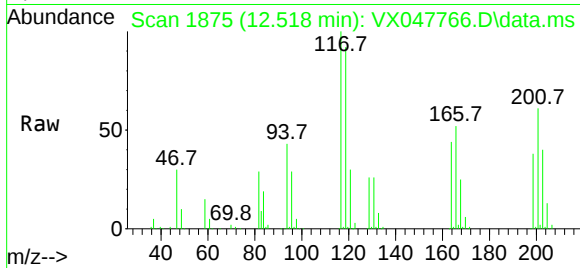
#90
Hexachloroethane
Concen: 46.369 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

Instrument : MSVOA_X
ClientSampleId : TT119S1-20250916MSD

Tgt Ion:117 Resp: 62193
Ion Ratio Lower Upper
117 100
201 67.2 34.2 102.5

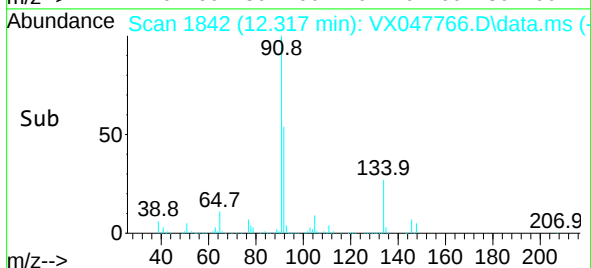
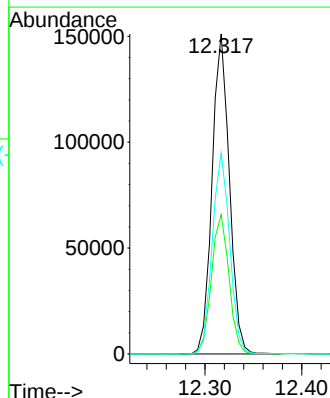
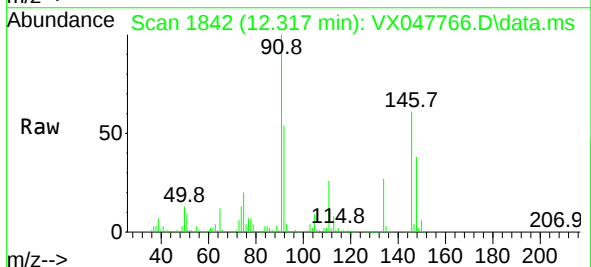
Manual Integrations
APPROVED

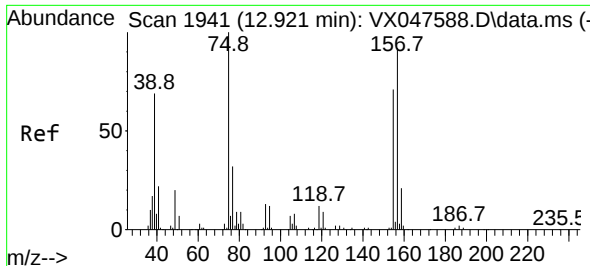
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#91
1,2-Dichlorobenzene
Concen: 47.751 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

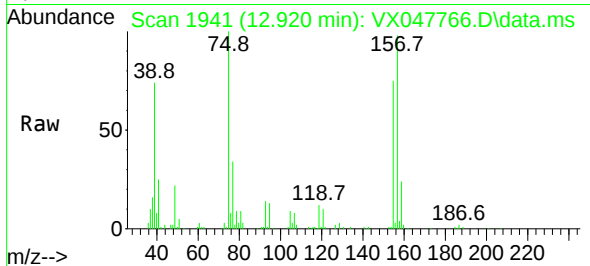
Tgt Ion:146 Resp: 187985
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 63.6 31.8 95.4





#92
1,2-Dibromo-3-Chloropropane
Concen: 50.882 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29

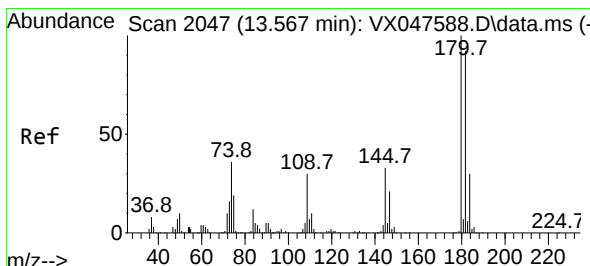
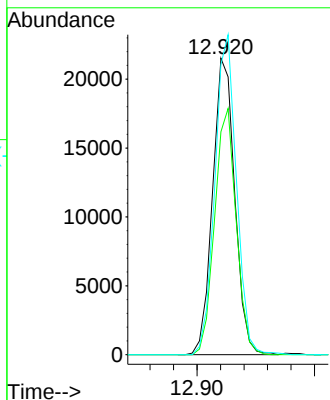
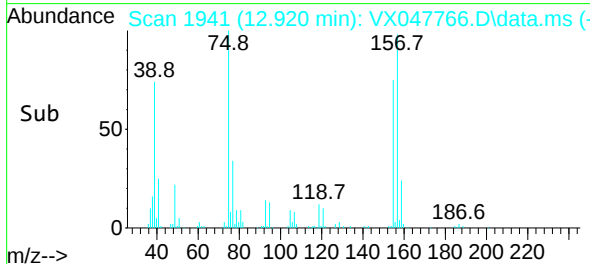
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20250916MSD



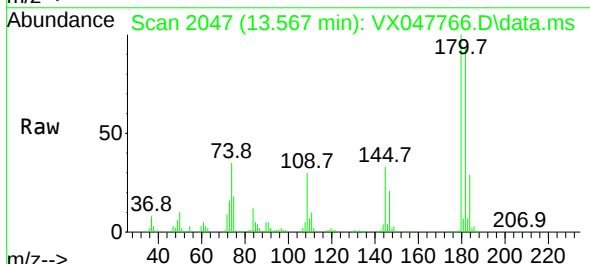
Tgt Ion: 75 Resp: 2815
Ion Ratio Lower Upper
75 100
155 80.8 37.7 113.1
157 105.2 49.8 149.4

Manual Integrations
APPROVED

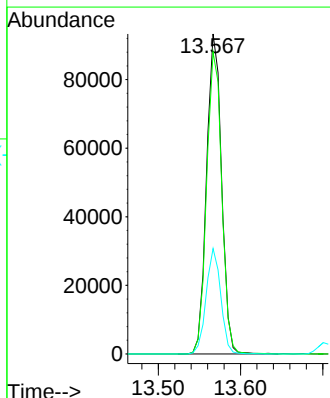
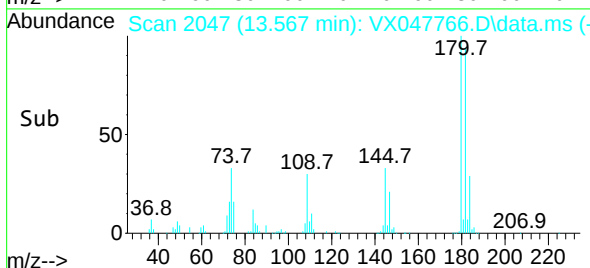
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

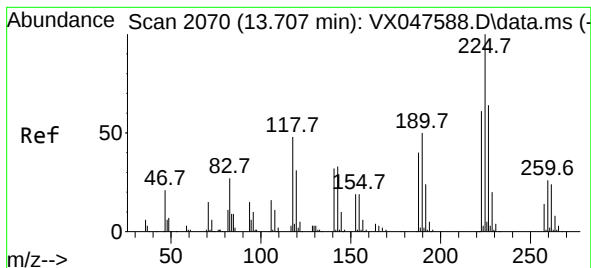


#93
1,2,4-Trichlorobenzene
Concen: 46.007 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047766.D
Acq: 24 Sep 2025 10:29



Tgt Ion:180 Resp: 117712
Ion Ratio Lower Upper
180 100
182 95.3 46.6 139.8
145 32.3 16.4 49.1





#94

Hexachlorobutadiene

Concen: 42.996 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20250916MSD

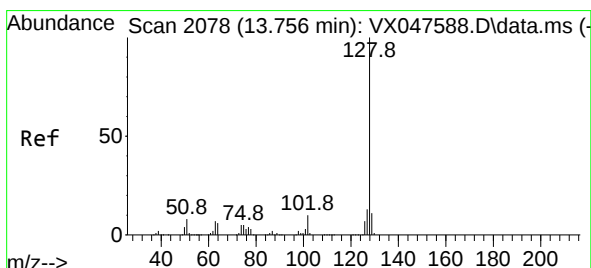
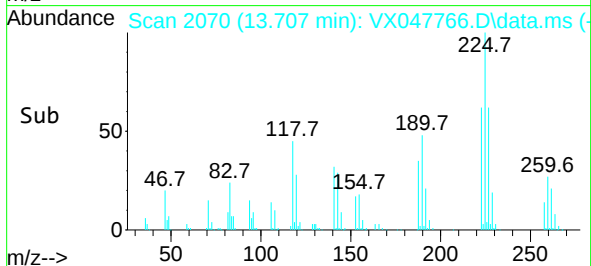
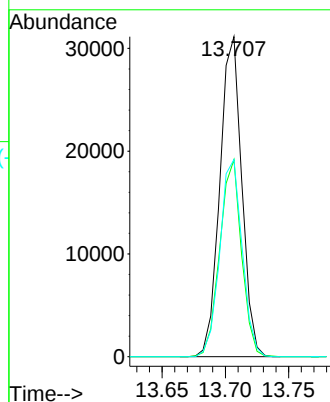
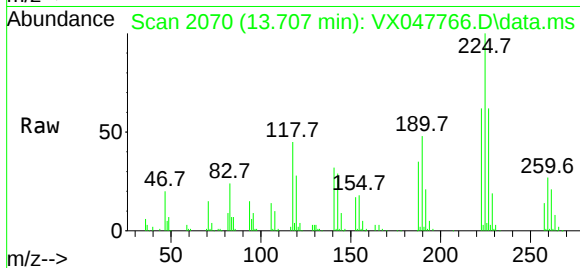
Tgt Ion:	225	Resp:	37360
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.7	95.1
227	63.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#95

Naphthalene

Concen: 50.925 ug/l

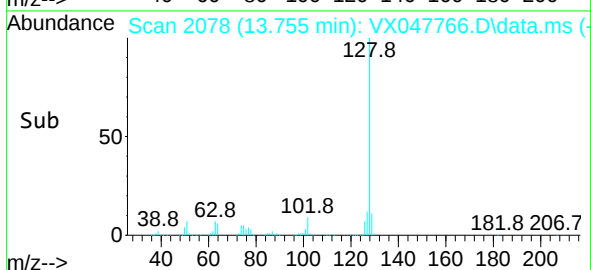
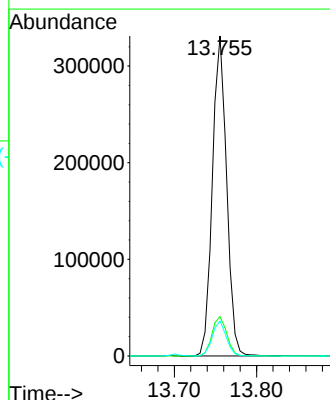
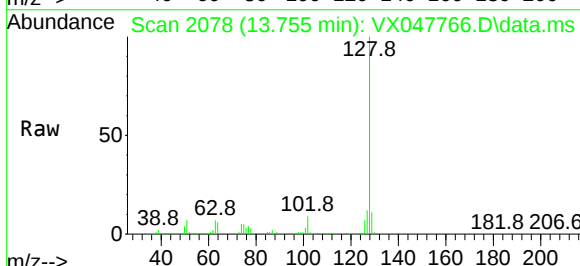
RT: 13.755 min Scan# 2078

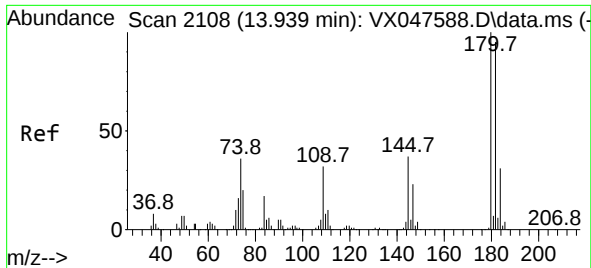
Delta R.T. -0.000 min

Lab File: VX047766.D

Acq: 24 Sep 2025 10:29

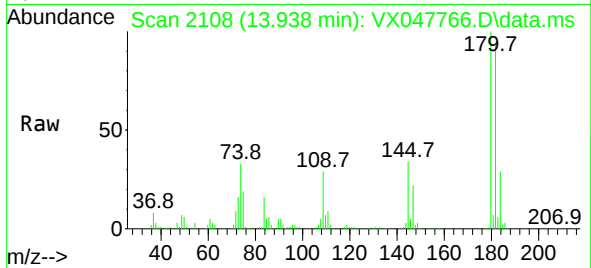
Tgt Ion:	128	Resp:	396761
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 48.784 ug/l
 RT: 13.938 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VX047766.D
 Acq: 24 Sep 2025 10:29

Instrument : MSVOA_X
 ClientSampleId : TT119S1-20250916MSD



Tgt Ion:180 Resp: 116108
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.8
 145 34.0 17.9 53.7

Manual Integrations
 APPROVED

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

