

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048822.D
 Acq On : 11 Dec 2025 13:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 23:47:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	165373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	271652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	243221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	114520	51.595	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.180%			
35) Dibromofluoromethane	5.367	113	96546	51.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.628	98	332616	50.731	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.061	95	119751	52.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	98039	58.184	ug/l	99
3) Chloromethane	1.300	50	97213	45.721	ug/l	99
4) Vinyl Chloride	1.380	62	101486	44.817	ug/l	100
5) Bromomethane	1.617	94	70022	50.037	ug/l	99
6) Chloroethane	1.697	64	62806	44.564	ug/l	96
7) Trichlorofluoromethane	1.892	101	152251	46.911	ug/l	97
8) Diethyl Ether	2.130	74	57016	44.014	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	89363	47.496	ug/l	98
10) Methyl Iodide	2.453	142	132485	49.461	ug/l	99
11) Tert butyl alcohol	2.928	59	43614	121.706	ug/l	98
12) 1,1-Dichloroethene	2.325	96	88917	46.303	ug/l	96
13) Acrolein	2.233	56	55159	173.980	ug/l	100
14) Allyl chloride	2.660	41	157759	48.932	ug/l	97
15) Acrylonitrile	3.050	53	209410	187.540	ug/l	100
16) Acetone	2.367	43	123460	145.296	ug/l	99
17) Carbon Disulfide	2.514	76	246865	44.267	ug/l	98
18) Methyl Acetate	2.697	43	87528	36.611	ug/l	100
19) Methyl tert-butyl Ether	3.099	73	294533	47.128	ug/l	99
20) Methylene Chloride	2.788	84	102361	48.195	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	92900	47.400	ug/l	97
22) Diisopropyl ether	3.745	45	325946	54.094	ug/l	93
23) Vinyl Acetate	3.709	43	1273167	251.467	ug/l	98
24) 1,1-Dichloroethane	3.599	63	174259	51.861	ug/l	99
25) 2-Butanone	4.526	43	212517	169.459	ug/l	93
26) 2,2-Dichloropropane	4.465	77	146056	49.126	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	111795	50.548	ug/l	95
28) Bromochloromethane	4.879	49	87241	52.972	ug/l	87
29) Tetrahydrofuran	4.977	42	149492	156.112	ug/l	96
30) Chloroform	5.074	83	179374	49.821	ug/l	100
31) Cyclohexane	5.458	56	143979	47.993	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	158611	49.168	ug/l	96
36) 1,1-Dichloropropene	5.672	75	119500	46.646	ug/l	97
37) Ethyl Acetate	4.690	43	112640	36.797	ug/l	97
38) Carbon Tetrachloride	5.659	117	140072	48.271	ug/l	95
39) Methylcyclohexane	7.360	83	145662	48.085	ug/l	99
40) Benzene	6.019	78	374535	49.317	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	57693	41.423	ug/l	98
42) 1,2-Dichloroethane	6.068	62	131807	49.036	ug/l	97
43) Isopropyl Acetate	6.318	43	182902	39.459	ug/l	96
44) Trichloroethene	7.104	130	95129	48.007	ug/l	98
45) 1,2-Dichloropropane	7.409	63	95286	50.199	ug/l	98
46) Dibromomethane	7.562	93	68392	47.513	ug/l	98
47) Bromodichloromethane	7.799	83	148400	49.448	ug/l	97
48) Methyl methacrylate	7.671	41	92633	39.728	ug/l	98
49) 1,4-Dioxane	7.641	88	20005	623.831	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	512379	178.090	ug/l	98
52) Toluene	8.702	92	231421	50.534	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	145948	51.118	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	157465	51.318	ug/l	100
55) 1,1,2-Trichloroethane	9.134	97	88593	48.081	ug/l	97
56) Ethyl methacrylate	9.098	69	132486	45.936	ug/l	99
57) 1,3-Dichloropropane	9.287	76	152302	49.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	387162	248.368	ug/l	98
59) 2-Hexanone	9.409	43	336608	166.667	ug/l	99
60) Dibromochloromethane	9.500	129	112797	49.506	ug/l	100
61) 1,2-Dibromoethane	9.592	107	92845	46.556	ug/l	100
64) Tetrachloroethene	9.256	164	81086	45.737	ug/l	100
65) Chlorobenzene	10.061	112	257178	48.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	93169	48.928	ug/l	100
67) Ethyl Benzene	10.177	91	440088	50.658	ug/l	99
68) m/p-Xylenes	10.281	106	338698	100.087	ug/l	99
69) o-Xylene	10.622	106	161797	51.024	ug/l	100
70) Styrene	10.634	104	281161	51.649	ug/l	99
71) Bromoform	10.780	173	71667	42.157	ug/l #	100
73) Isopropylbenzene	10.945	105	419231	51.766	ug/l	100
74) N-amyl acetate	10.823	43	163687	46.517	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	114648	41.956	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	105826m	47.279	ug/l	
77) Bromobenzene	11.177	156	107068	49.533	ug/l	98
78) n-propylbenzene	11.287	91	490699	52.315	ug/l	100
79) 2-Chlorotoluene	11.347	91	289405	50.599	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	341158	51.249	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	38498	40.855	ug/l #	55
82) 4-Chlorotoluene	11.433	91	347296	52.033	ug/l	99
83) tert-Butylbenzene	11.695	119	344867	49.858	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	345530	51.456	ug/l	100
85) sec-Butylbenzene	11.872	105	429699	51.260	ug/l	100
86) p-Isopropyltoluene	11.988	119	364957	50.933	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	193767	48.626	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	194211	47.163	ug/l	98
89) n-Butylbenzene	12.311	91	335038	49.939	ug/l	99
90) Hexachloroethane	12.518	117	69929	47.816	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	187591	48.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21843	32.845	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	122417	47.978	ug/l	99
94) Hexachlorobutadiene	13.707	225	49669	47.062	ug/l	97
95) Naphthalene	13.756	128	329423	46.219	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	113859	48.387	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

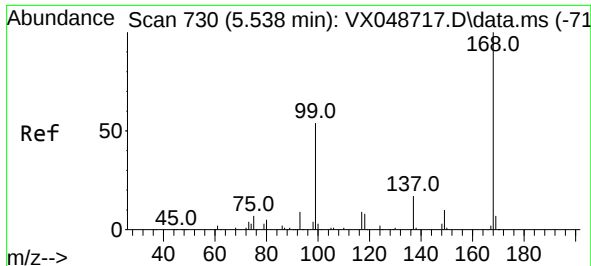
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

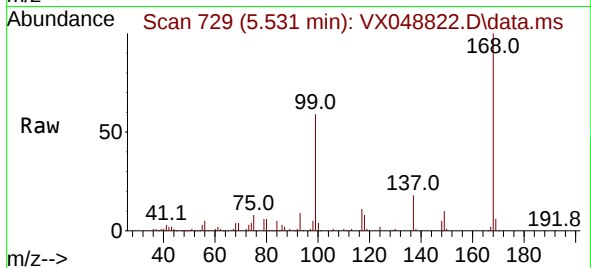
Quant Time: Dec 11 23:47:08 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

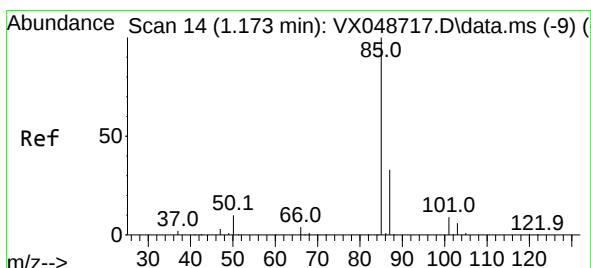
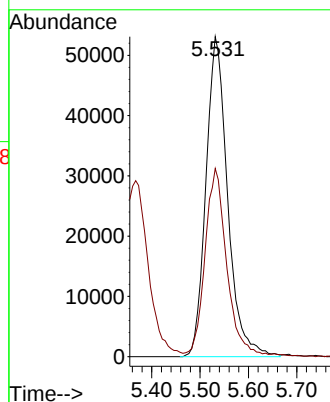
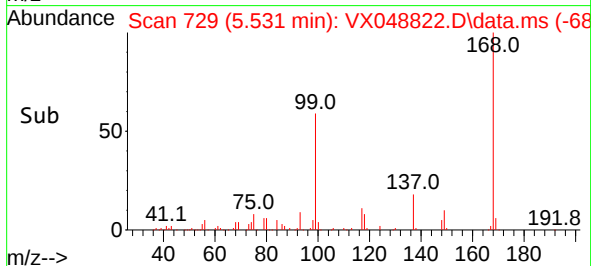
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16537
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4

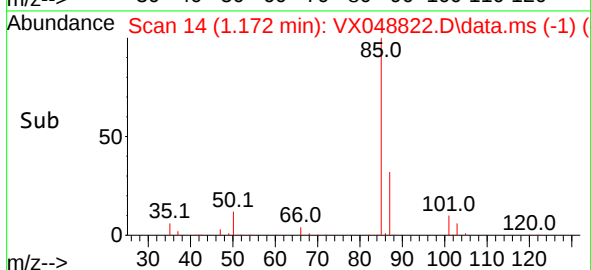
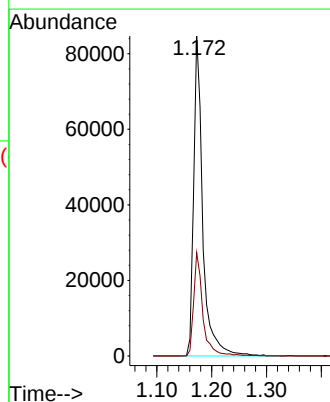
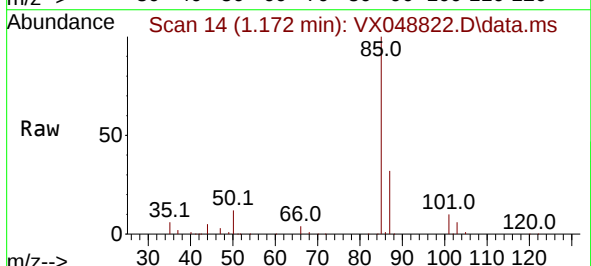
Manual Integrations
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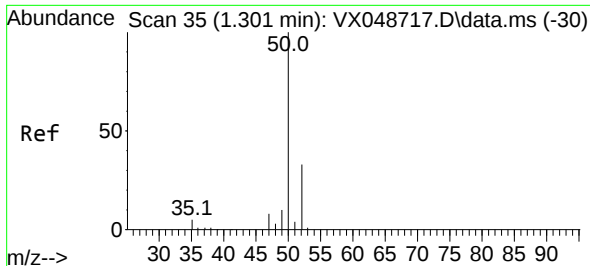
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#2
Dichlorodifluoromethane
Concen: 58.184 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

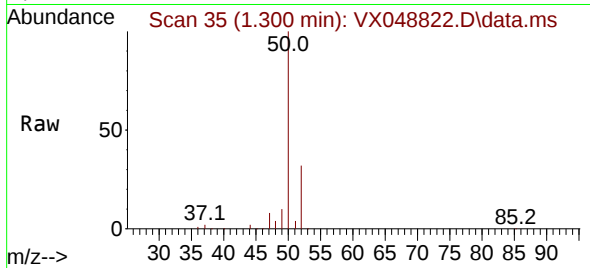
Tgt Ion: 85 Resp: 98039
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1





#3
Chloromethane
Concen: 45.721 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

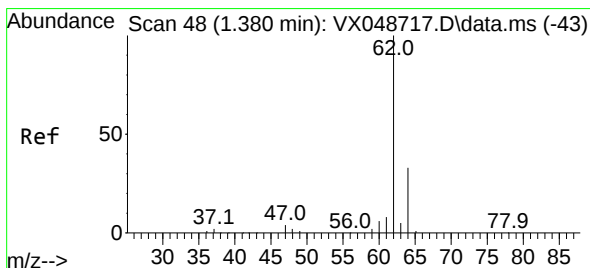
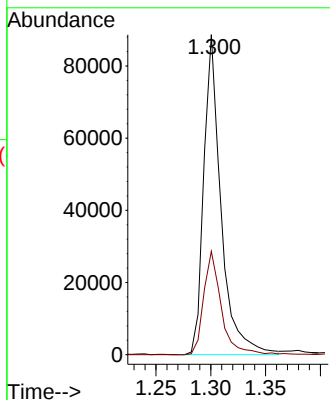
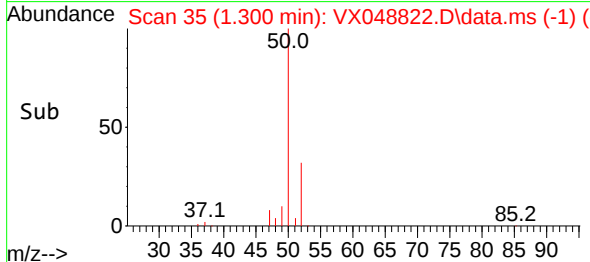
Instrument :
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Tgt Ion: 50 Resp: 9721
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6

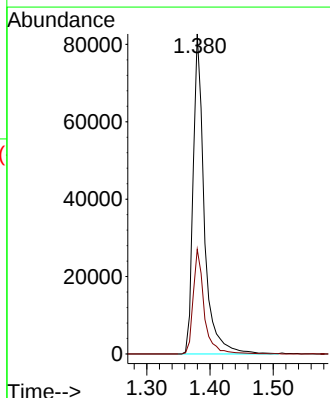
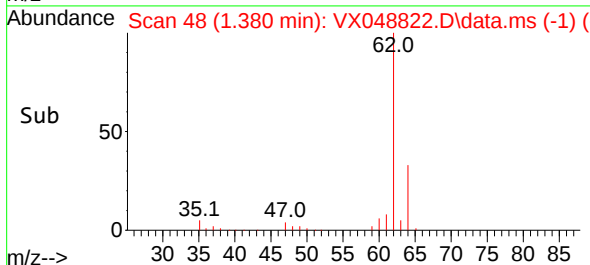
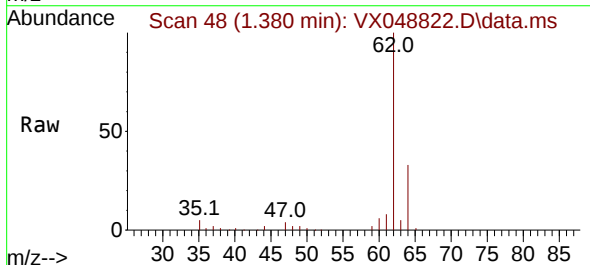
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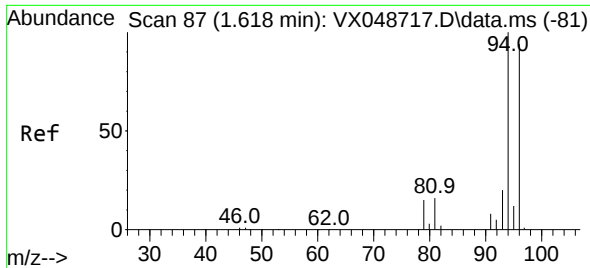
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#4
Vinyl Chloride
Concen: 44.817 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

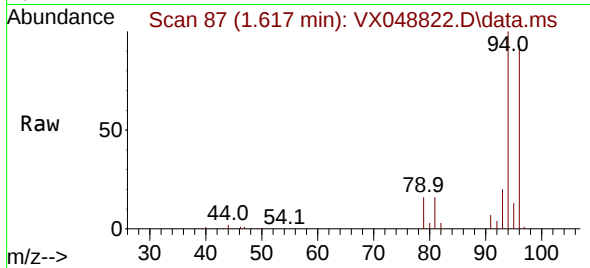
Tgt Ion: 62 Resp: 101486
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 50.037 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

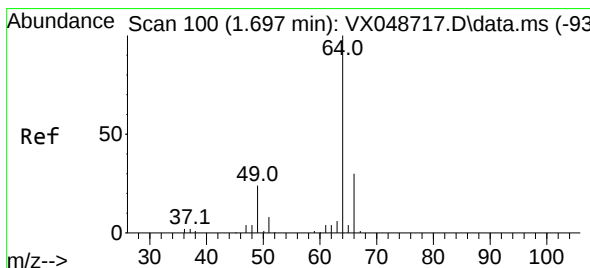
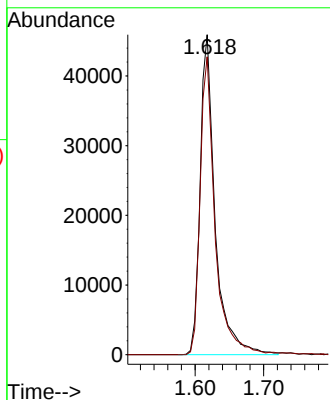
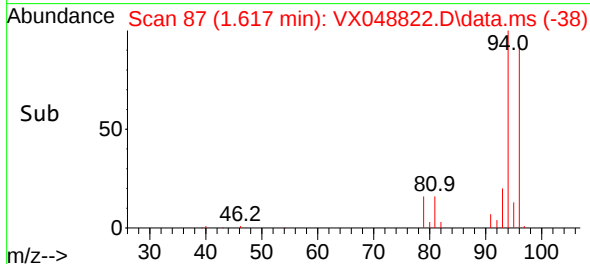
Instrument :
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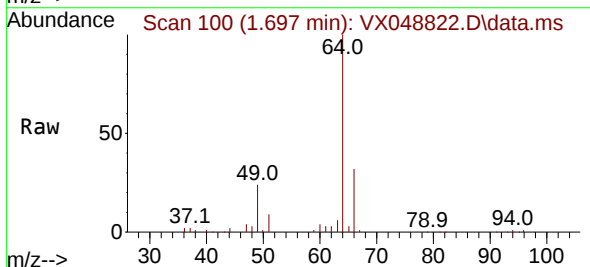
Tgt Ion: 94 Resp: 7002
Ion Ratio Lower Upper
94 100
96 93.1 75.2 112.8

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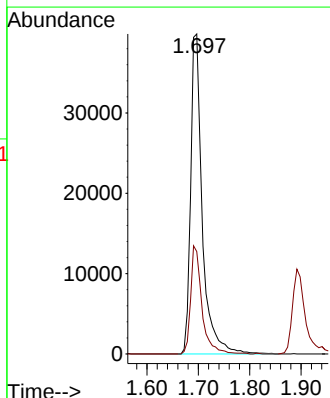
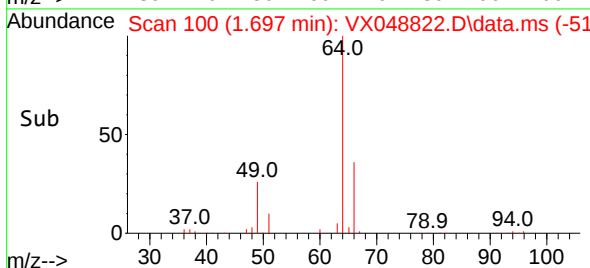
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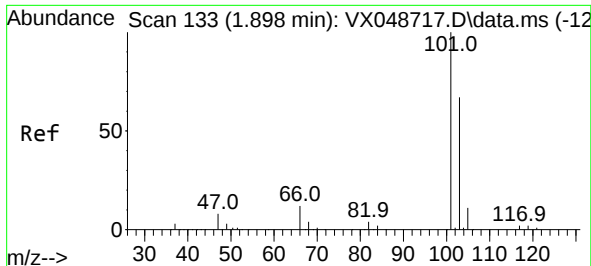


#6
Chloroethane
Concen: 44.564 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048822.D
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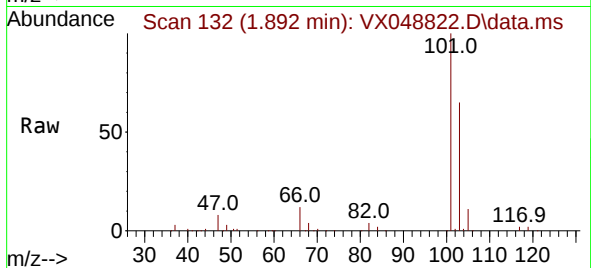
Tgt Ion: 64 Resp: 62806
Ion Ratio Lower Upper
64 100
66 32.0 24.0 36.0





#7
Trichlorofluoromethane
Concen: 46.911 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

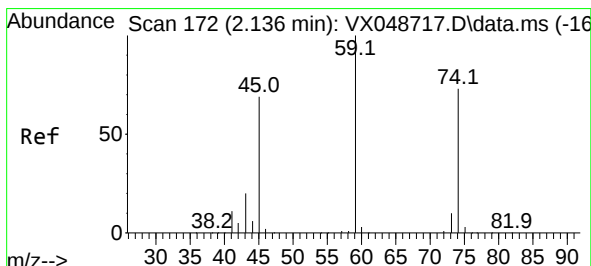
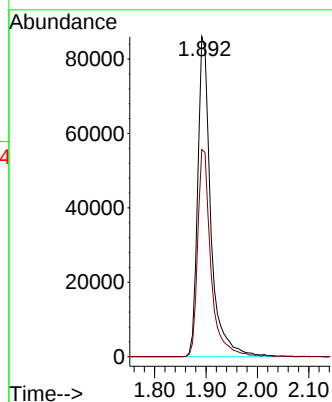
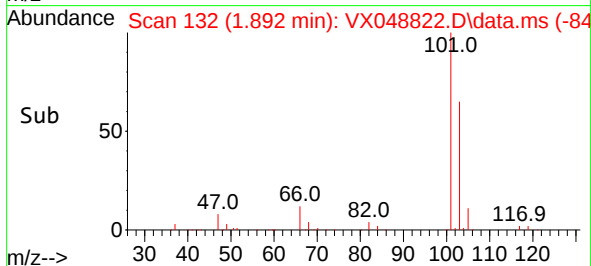
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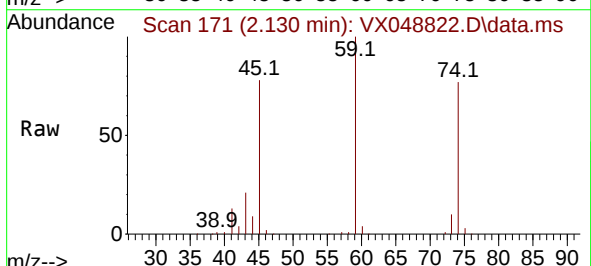
Tgt Ion:101 Resp: 15225
Ion Ratio Lower Upper
101 100
103 64.7 53.4 80.2

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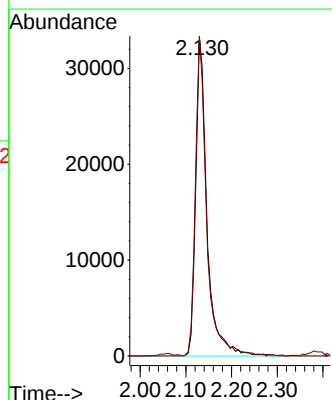
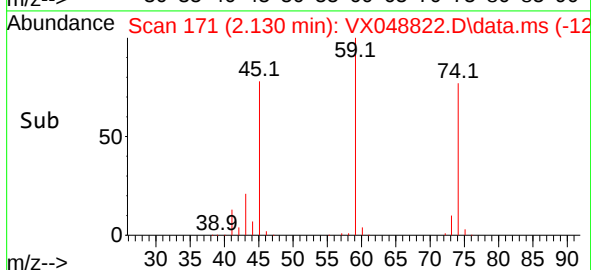
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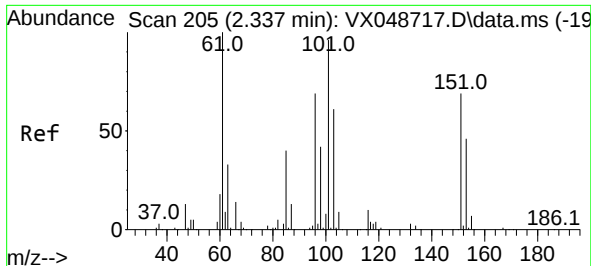


#8
Diethyl Ether
Concen: 44.014 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion: 74 Resp: 57016
Ion Ratio Lower Upper
74 100
45 100.3 48.9 146.8





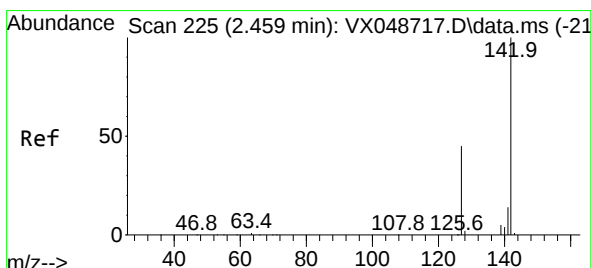
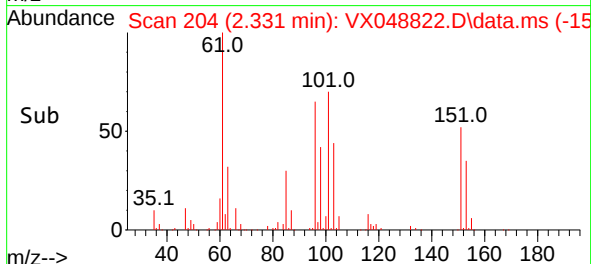
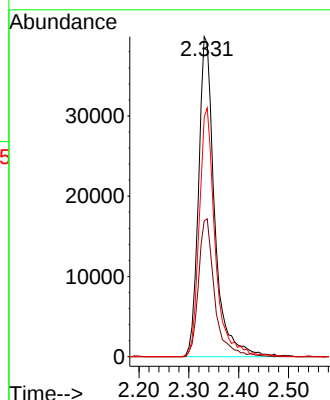
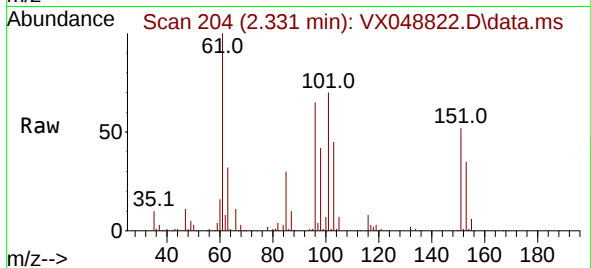
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.496 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8936
Ion Ratio Lower Upper
101 100
85 43.3 34.2 51.2
151 77.3 60.2 90.4

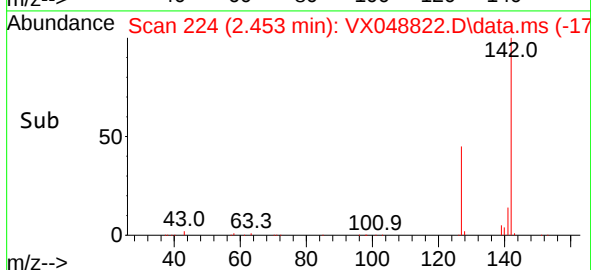
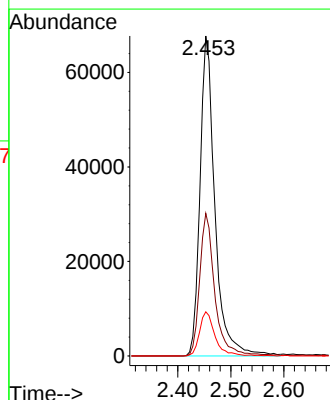
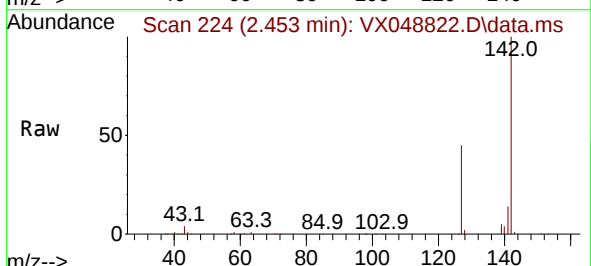
Manual Integrations
APPROVED

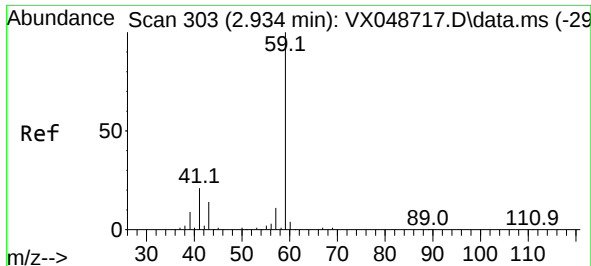
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#10
Methyl Iodide
Concen: 49.461 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

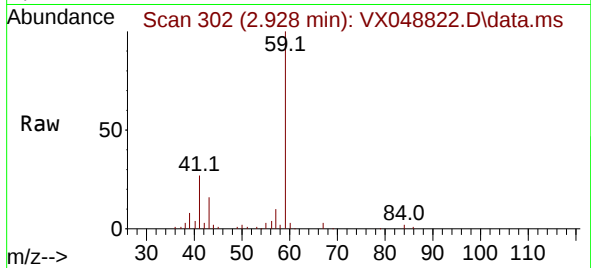
Tgt Ion:142 Resp: 132485
Ion Ratio Lower Upper
142 100
127 45.3 35.8 53.6
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 121.706 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

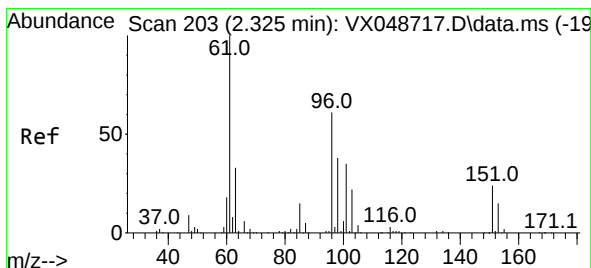
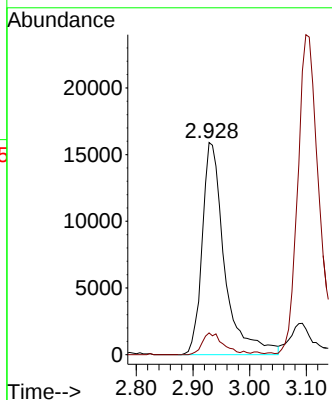
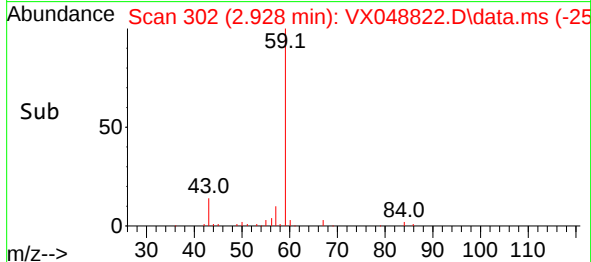
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



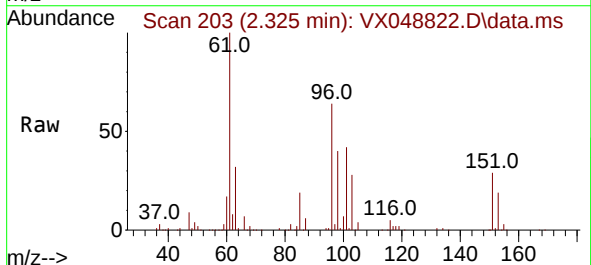
Tgt Ion: 59 Resp: 43614
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

Manual Integrations
APPROVED

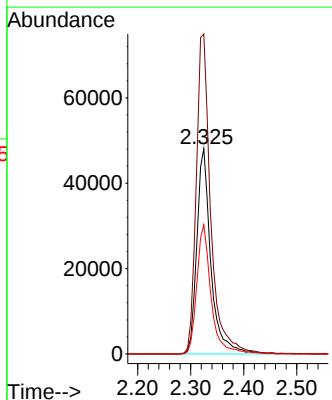
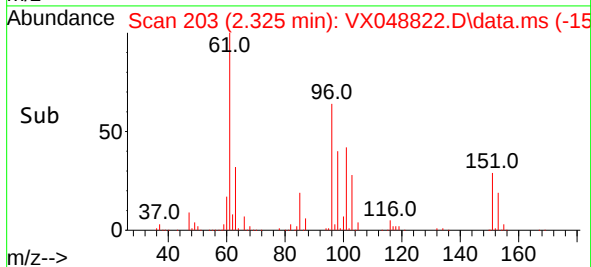
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

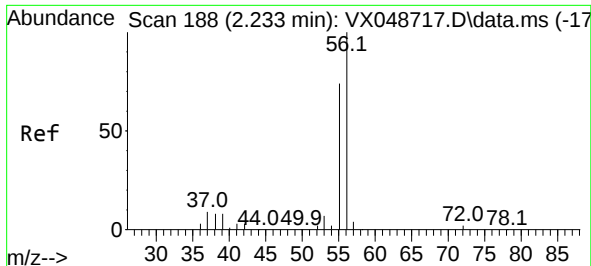


#12
1,1-Dichloroethene
Concen: 46.303 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



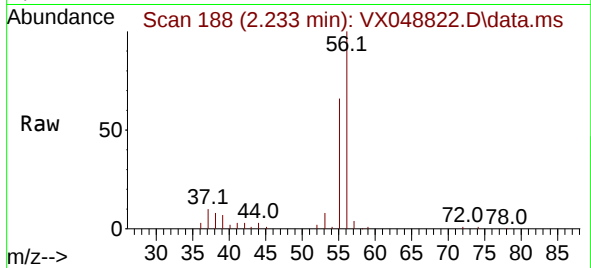
Tgt Ion: 96 Resp: 88917
Ion Ratio Lower Upper
96 100
61 155.9 130.7 196.1
98 63.0 49.8 74.8





#13
Acrolein
Concen: 173.980 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

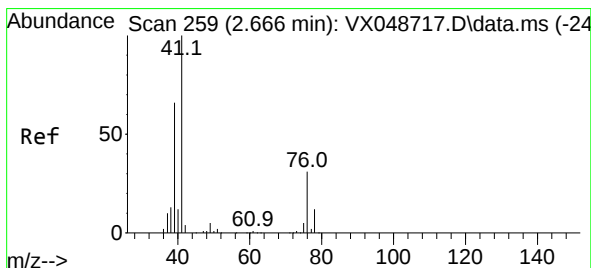
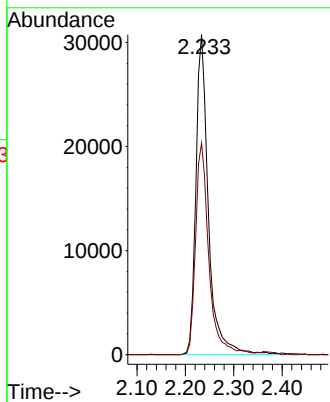
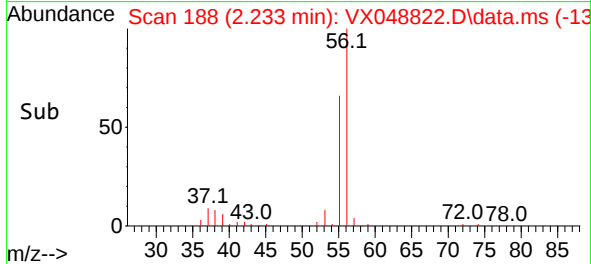
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5515
Ion Ratio Lower Upper
56 100
55 70.0 55.8 83.6

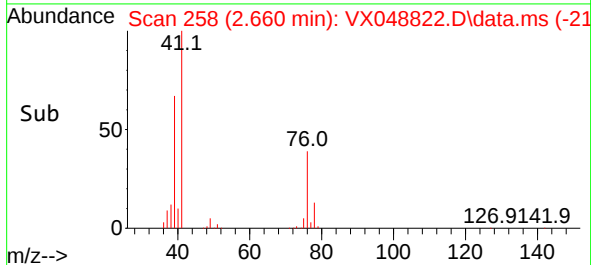
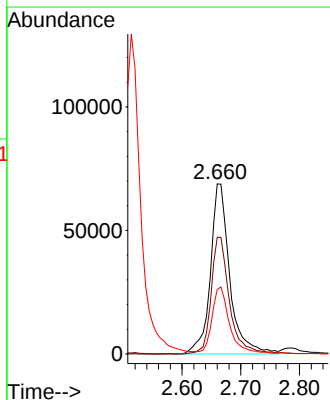
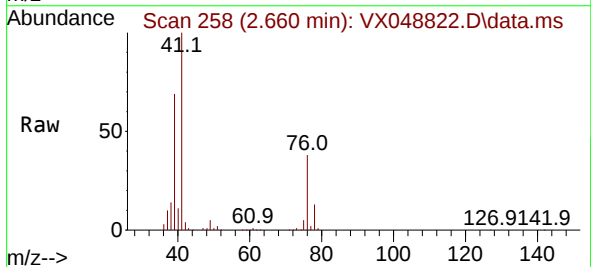
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 48.932 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

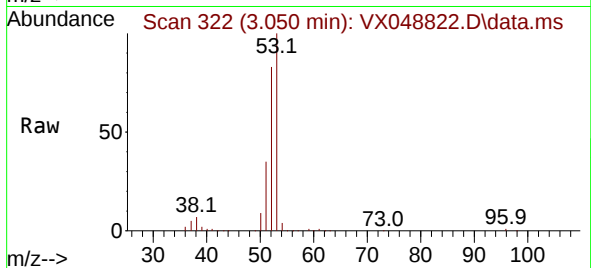
Tgt Ion: 41 Resp: 157759
Ion Ratio Lower Upper
41 100
39 65.2 49.8 74.6
76 34.9 27.3 40.9





#15
Acrylonitrile
Concen: 187.540 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

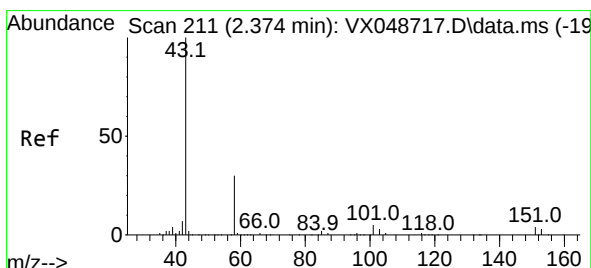
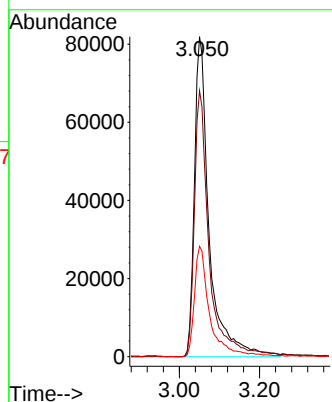
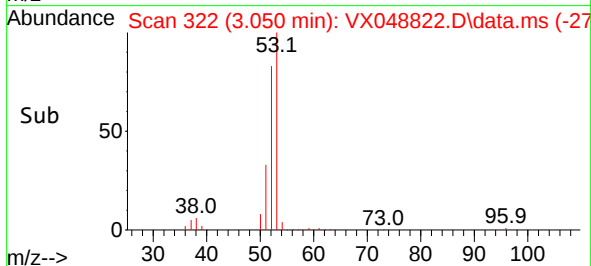
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 209410
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 35.8 28.7 43.1

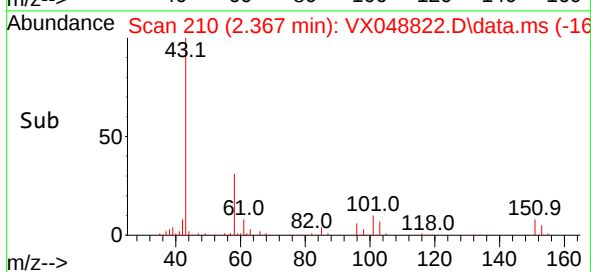
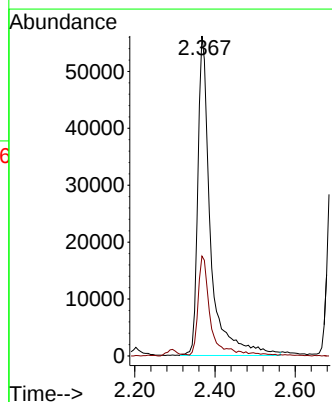
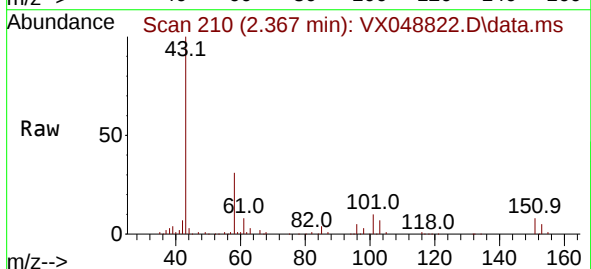
Manual Integrations
APPROVED

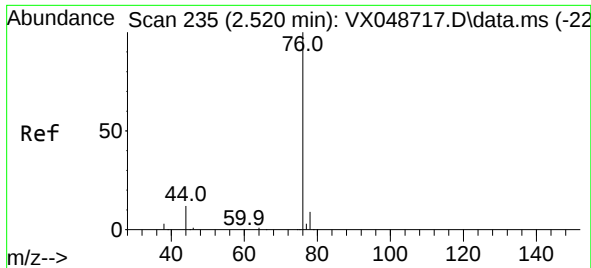
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#16
Acetone
Concen: 145.296 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 43 Resp: 123460
Ion Ratio Lower Upper
43 100
58 30.8 25.0 37.4





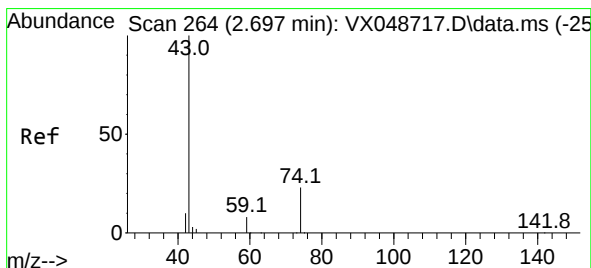
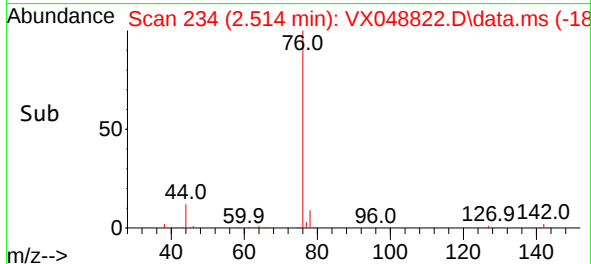
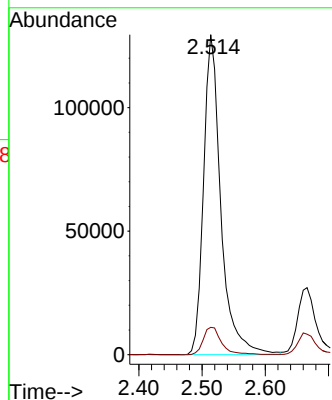
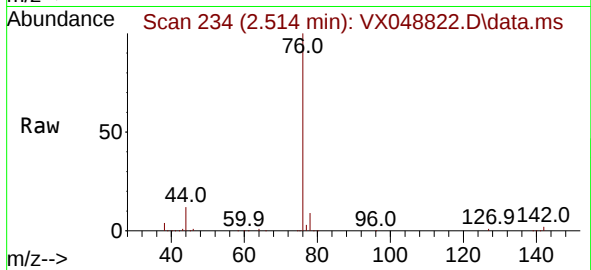
#17
Carbon Disulfide
Concen: 44.267 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24686
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

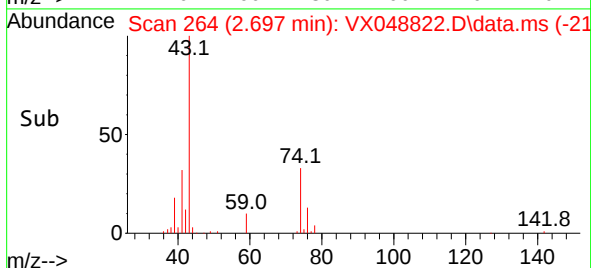
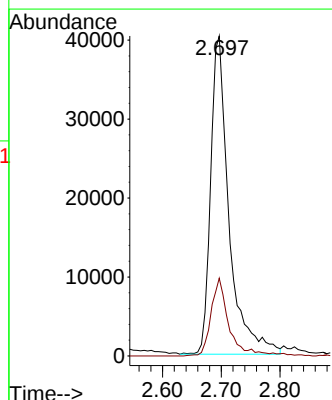
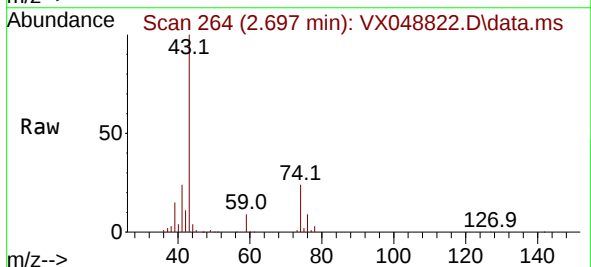
Manual Integrations
APPROVED

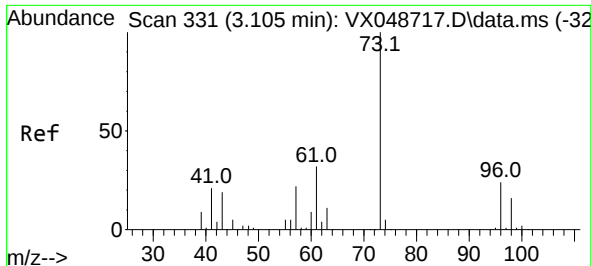
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#18
Methyl Acetate
Concen: 36.611 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

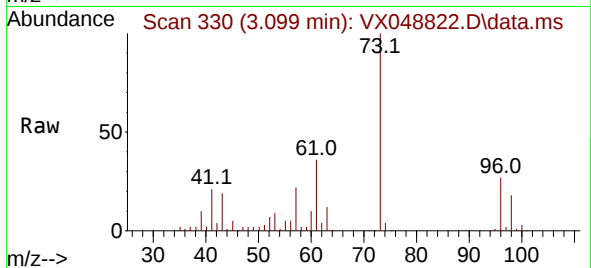
Tgt Ion: 43 Resp: 87528
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 47.128 ug/l
RT: 3.099 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

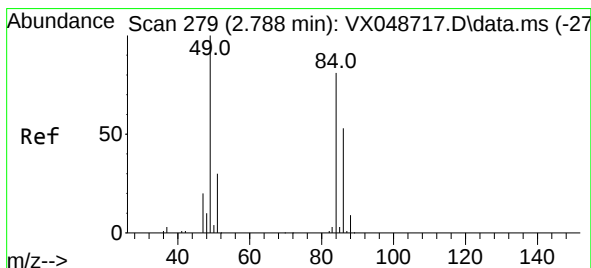
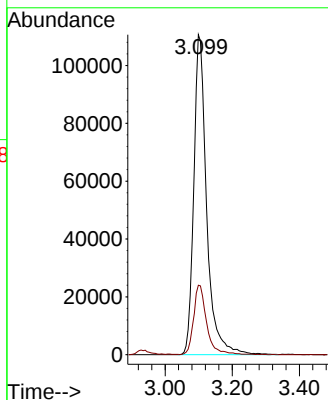
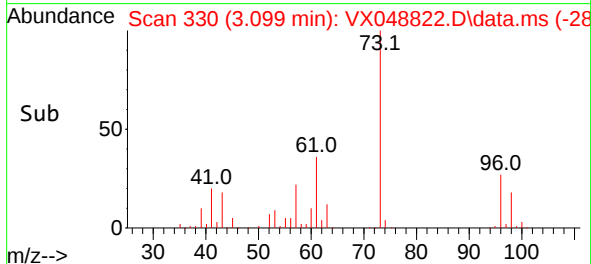
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 29453
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.6

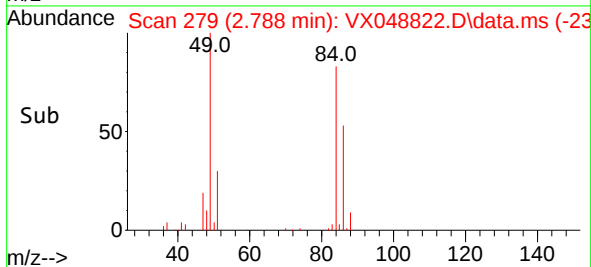
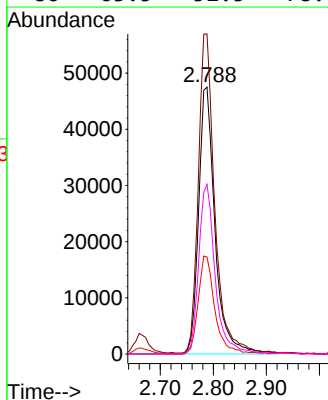
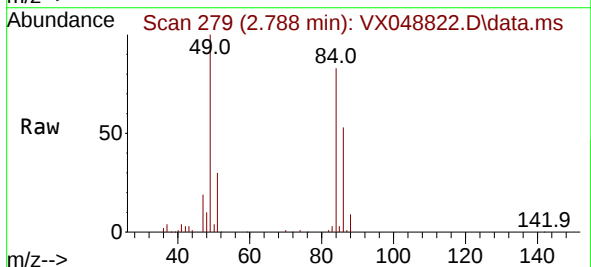
Manual Integrations
APPROVED

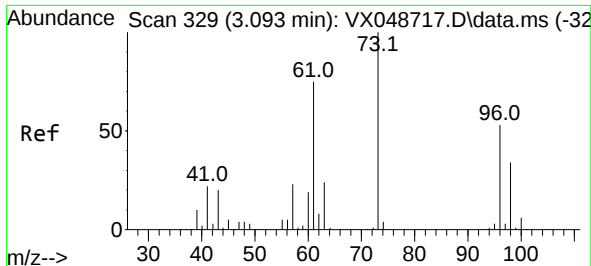
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#20
Methylene Chloride
Concen: 48.195 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

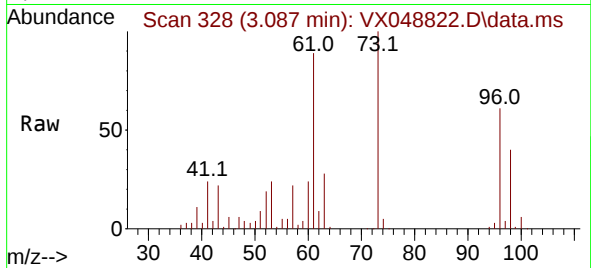
Tgt Ion: 84 Resp: 102361
Ion Ratio Lower Upper
84 100
49 119.5 98.7 148.1
51 36.3 29.4 44.2
86 63.5 52.5 78.7





#21
trans-1,2-Dichloroethene
Concen: 47.400 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

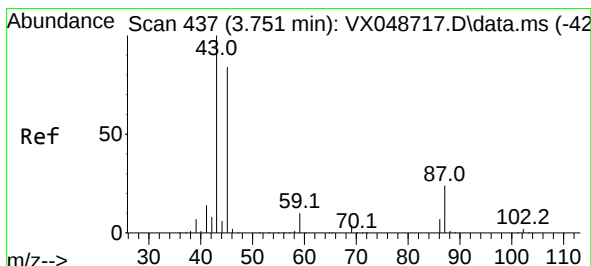
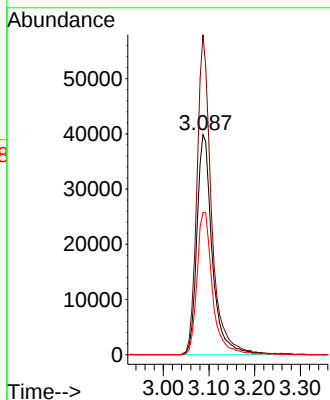
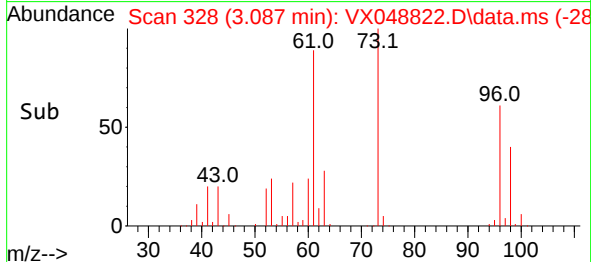
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 92900
Ion Ratio Lower Upper
96 100
61 145.4 112.8 169.2
98 64.7 51.0 76.4

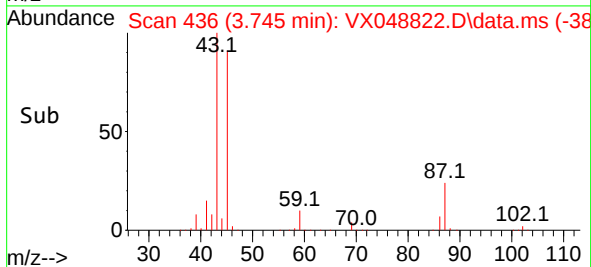
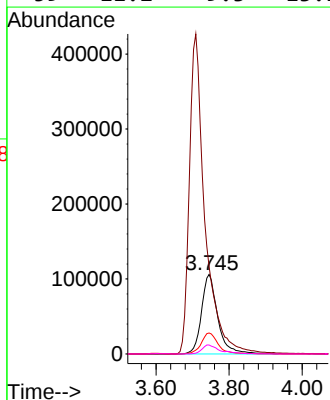
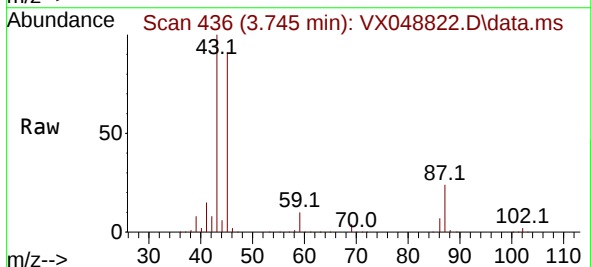
Manual Integrations
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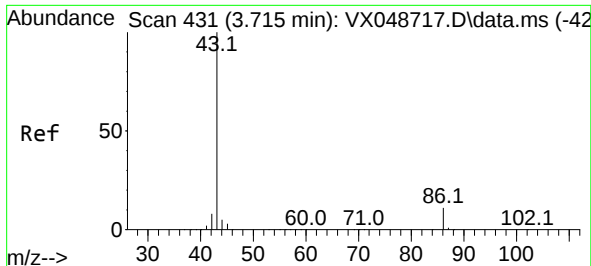
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#22
Diisopropyl ether
Concen: 54.094 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

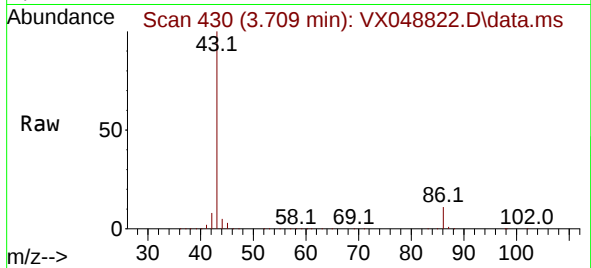
Tgt Ion: 45 Resp: 325946
Ion Ratio Lower Upper
45 100
43 109.4 94.9 142.3
87 26.2 23.2 34.8
59 11.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 251.467 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048822.D
 Acq: 11 Dec 2025 13:02

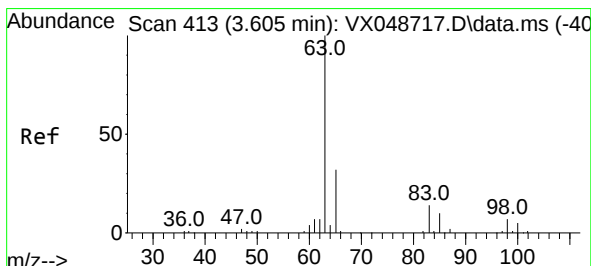
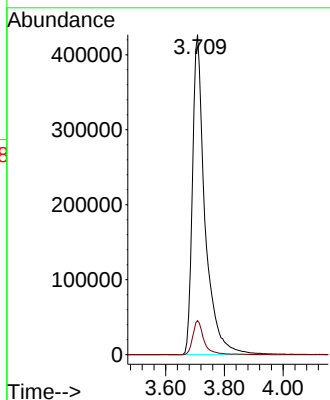
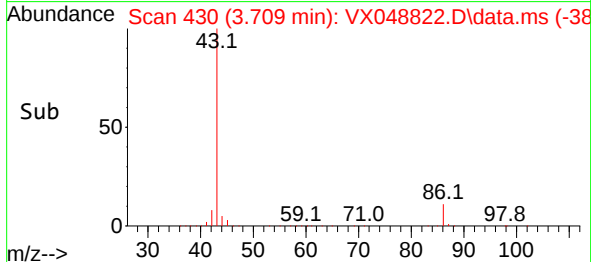
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



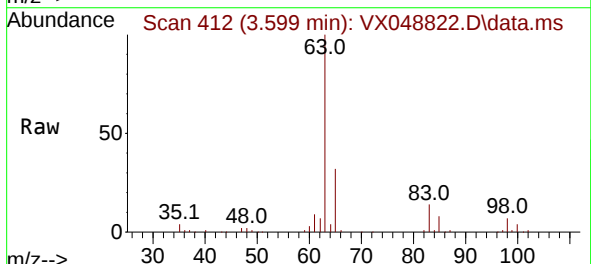
Tgt Ion: 43 Resp: 127316
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.2 13.8

Manual Integrations
 APPROVED

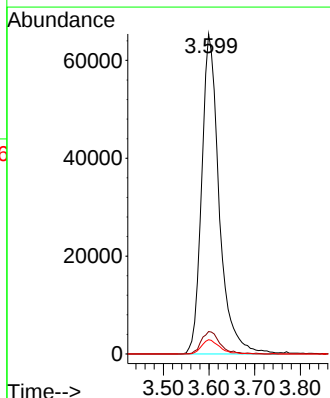
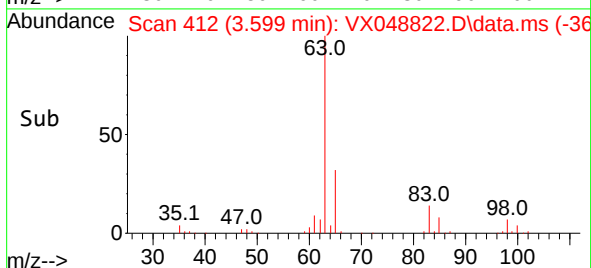
Reviewed By :John Carlone 12/12/2025
 Supervised By :Mahesh Dadoda 12/12/2025

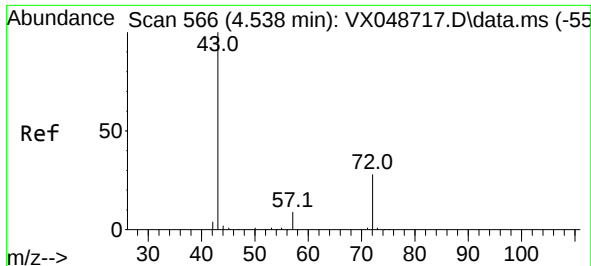


#24
 1,1-Dichloroethane
 Concen: 51.861 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048822.D
 Acq: 11 Dec 2025 13:02



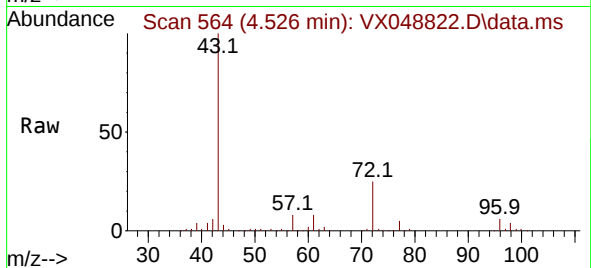
Tgt Ion: 63 Resp: 174259
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 169.459 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

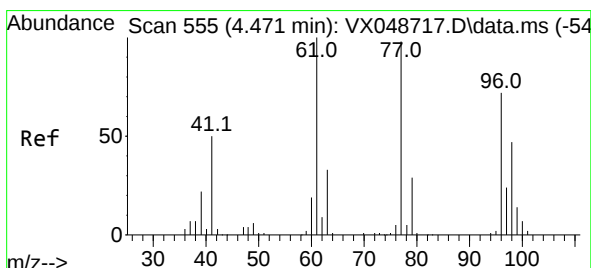
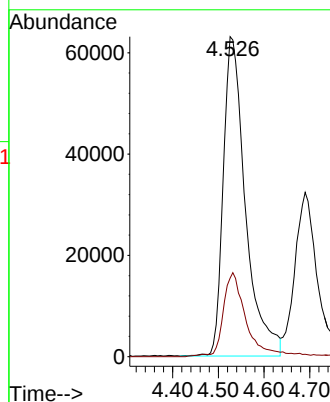
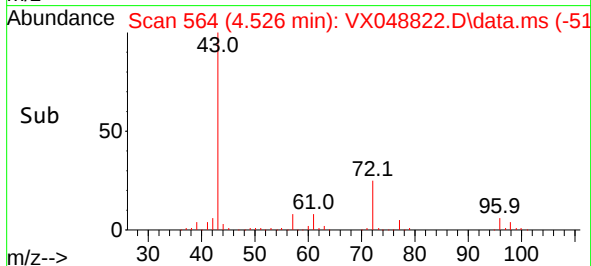
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21251
Ion Ratio Lower Upper
43 100
72 24.6 22.6 34.0

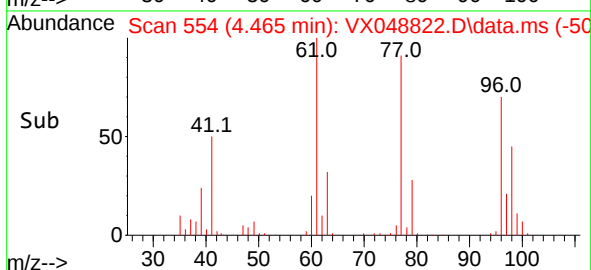
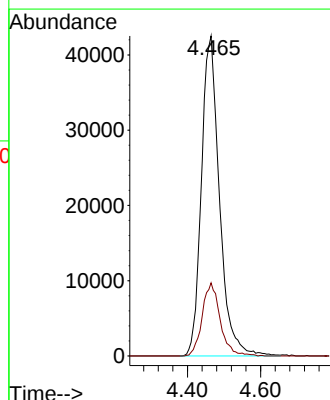
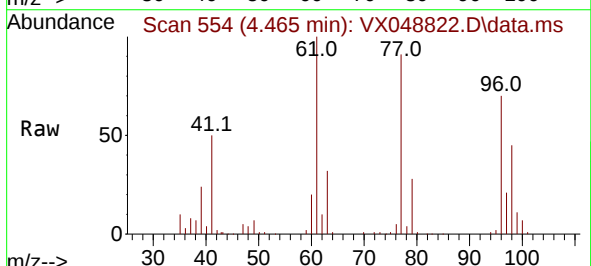
Manual Integrations
APPROVED

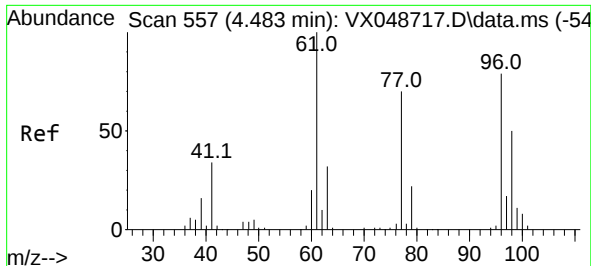
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#26
2,2-Dichloropropane
Concen: 49.126 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 77 Resp: 146056
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.548 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11179

Ion Ratio Lower Upper

96 100

61 144.9 0.0 271.0

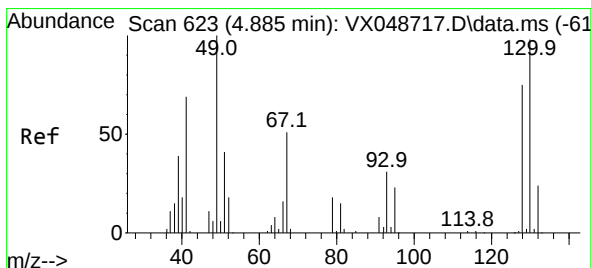
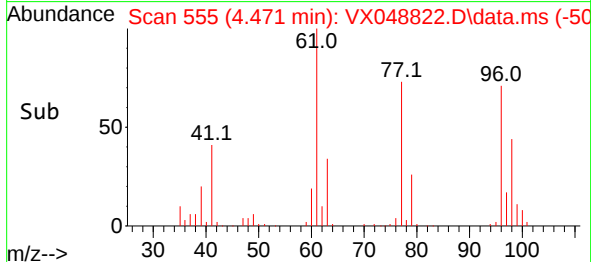
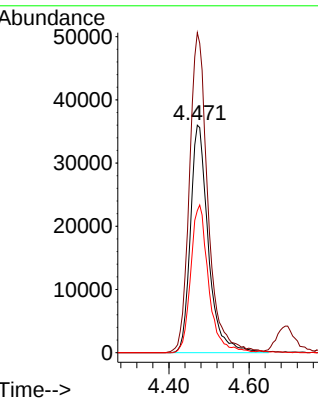
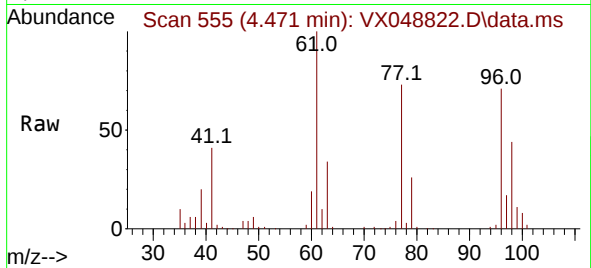
98 64.9 0.0 130.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#28

Bromochloromethane

Concen: 52.972 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

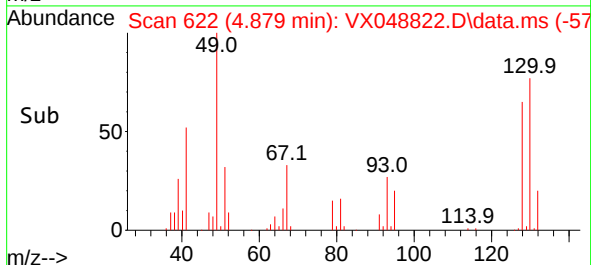
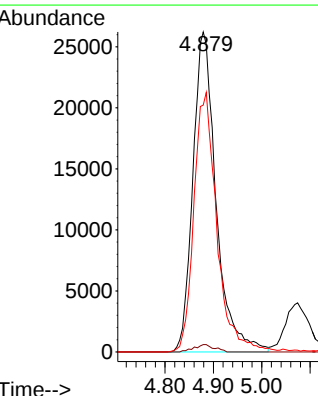
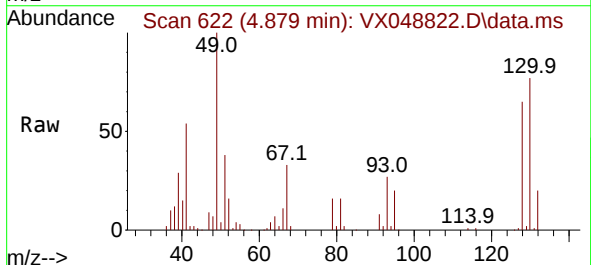
Tgt Ion: 49 Resp: 87241

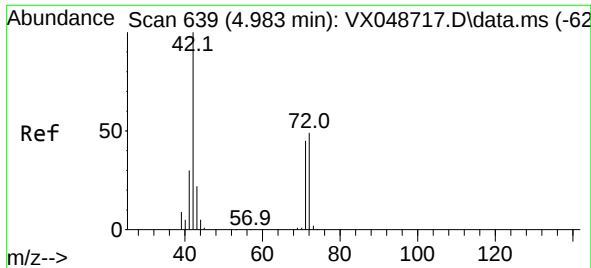
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 80.2 73.9 110.9





#29

Tetrahydrofuran

Concen: 156.112 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14949

Ion Ratio Lower Upper

42 100

72 46.1 39.4 59.2

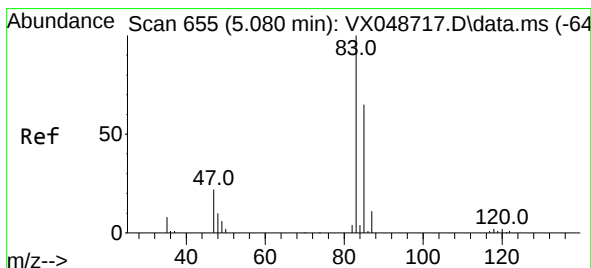
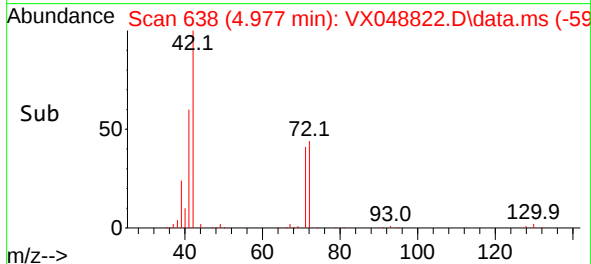
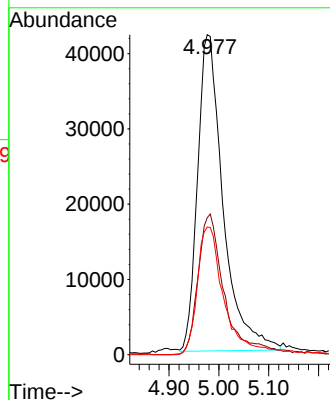
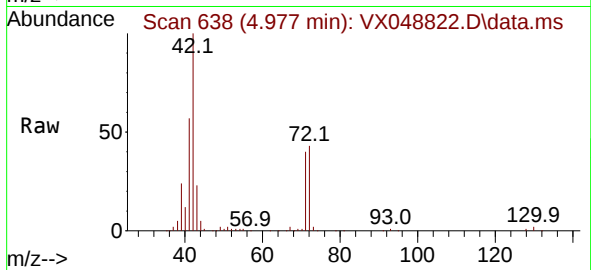
71 42.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#30

Chloroform

Concen: 49.821 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048822.D

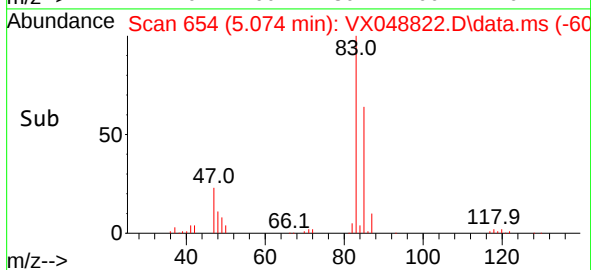
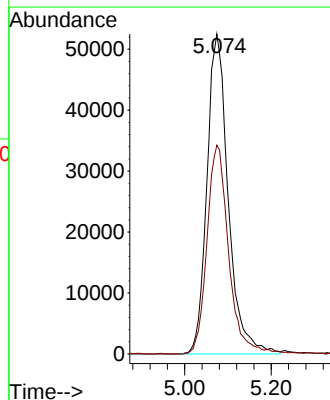
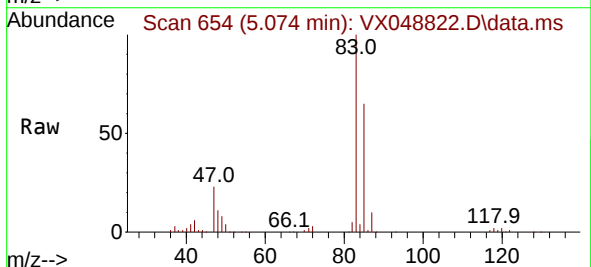
Acq: 11 Dec 2025 13:02

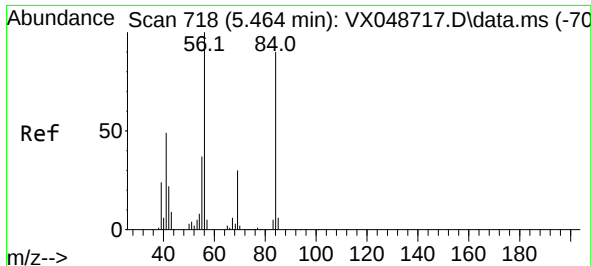
Tgt Ion: 83 Resp: 179374

Ion Ratio Lower Upper

83 100

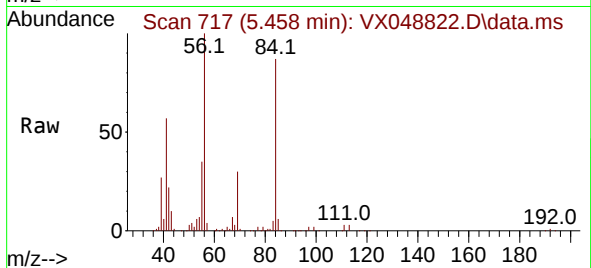
85 65.3 52.1 78.1





#31
Cyclohexane
Concen: 47.993 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

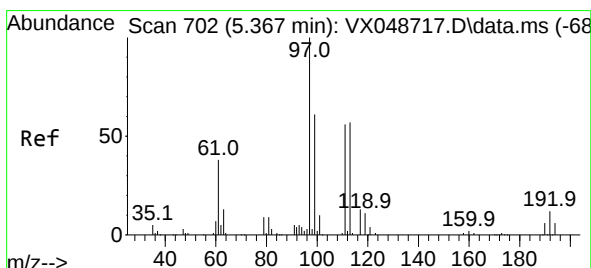
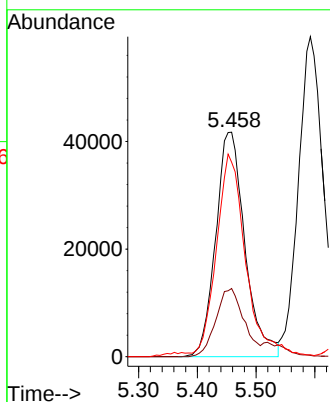
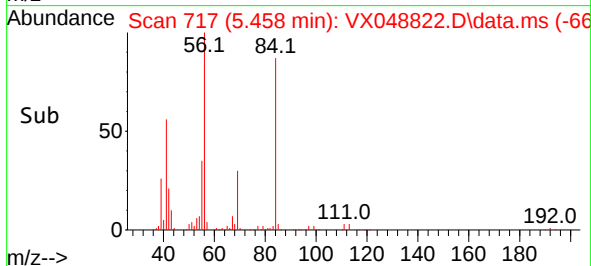
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 143979
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.2
84 85.2 72.1 108.1

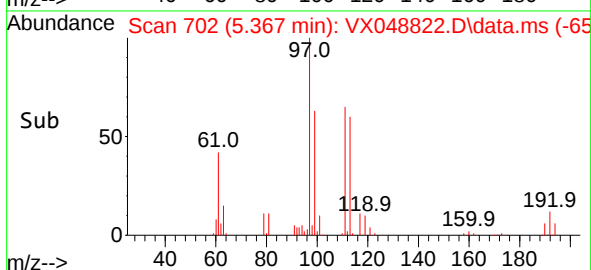
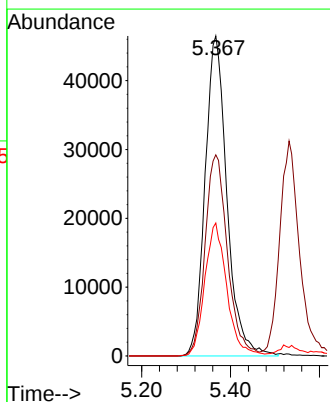
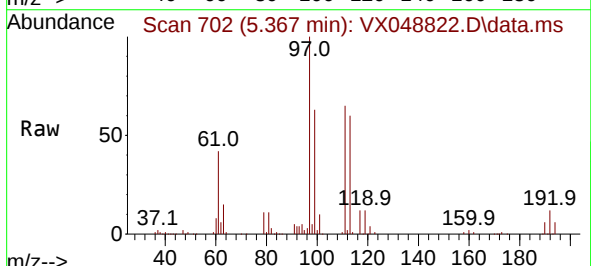
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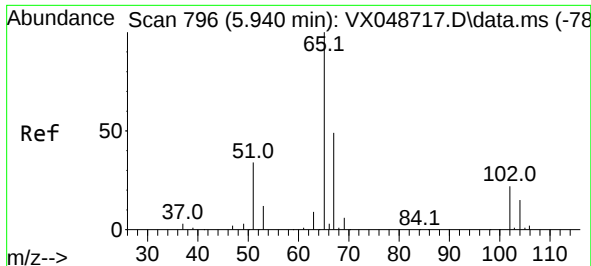
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#32
1,1,1-Trichloroethane
Concen: 49.168 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 97 Resp: 158611
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 42.0 30.6 45.8





#33

1,2-Dichloroethane-d4

Concen: 51.595 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 114520

Ion Ratio Lower Upper

65 100

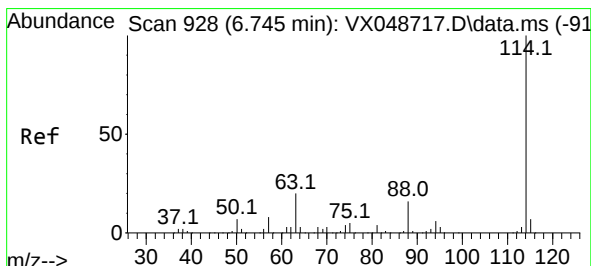
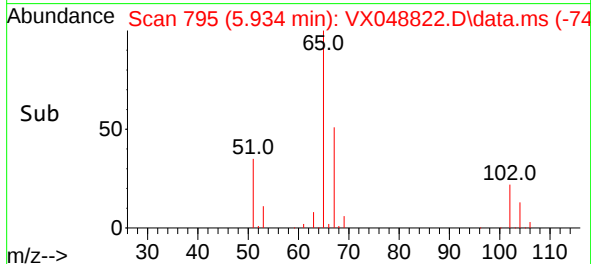
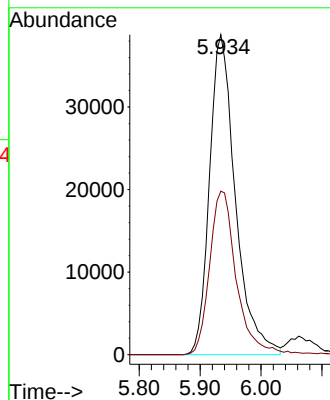
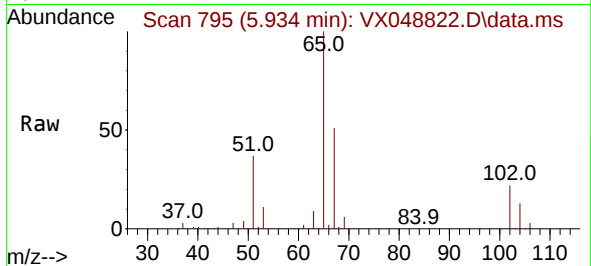
67 53.0 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

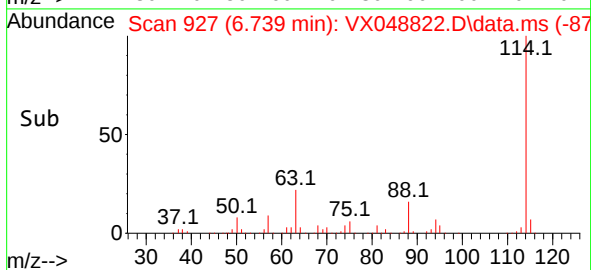
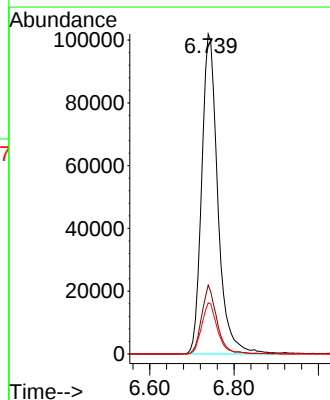
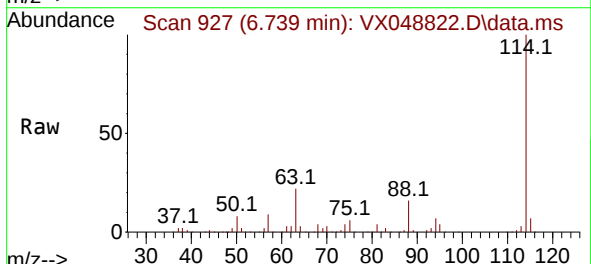
Tgt Ion:114 Resp: 271652

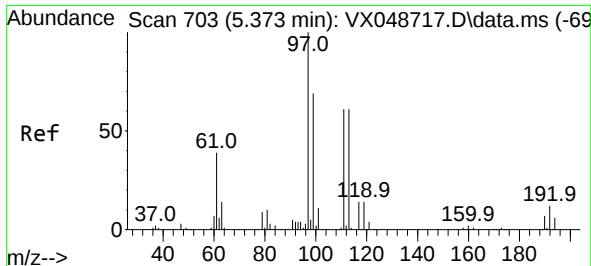
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.617 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 96540

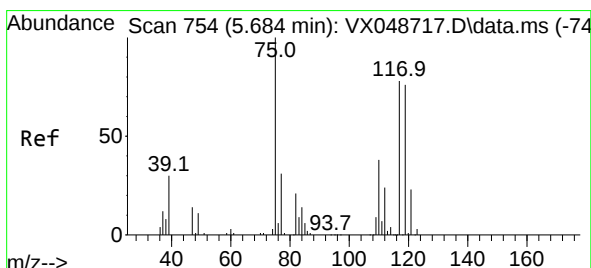
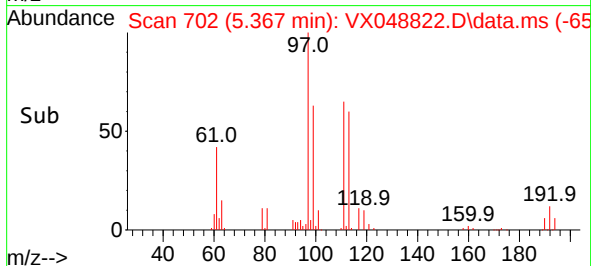
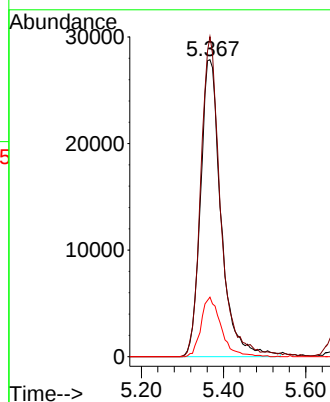
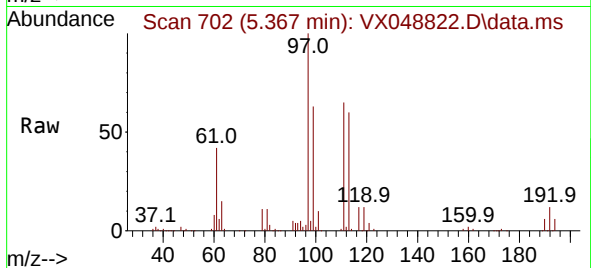
Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.5	119.3
192	19.6	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#36

1,1-Dichloropropene

Concen: 46.646 ug/l

RT: 5.672 min Scan# 752

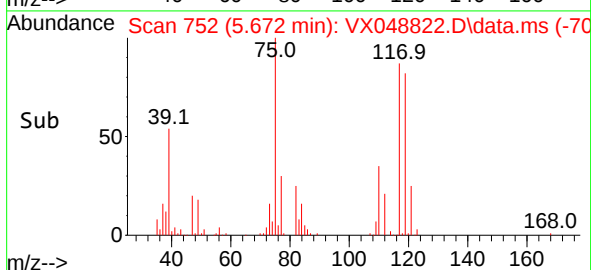
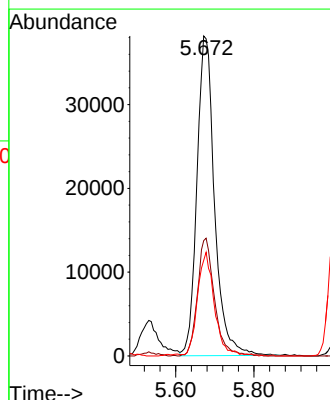
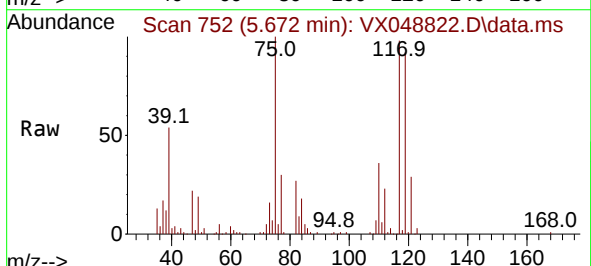
Delta R.T. -0.012 min

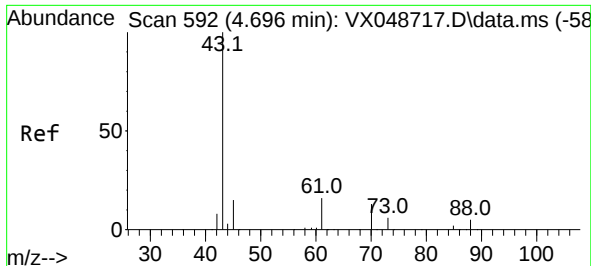
Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Tgt Ion: 75 Resp: 119500

Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.6	55.8
77	29.8	25.3	37.9





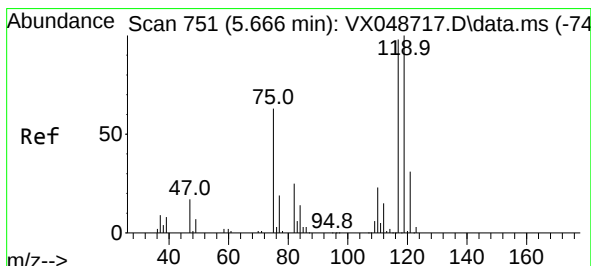
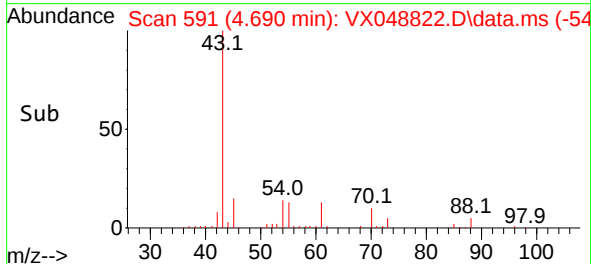
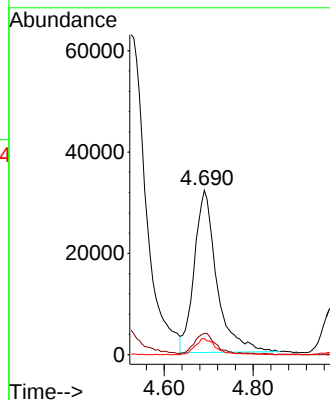
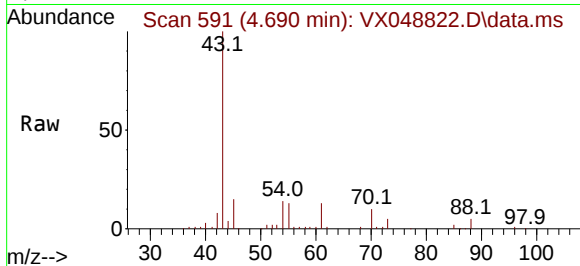
#37
Ethyl Acetate
Concen: 36.797 ug/l
RT: 4.690 min Scan# 592
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 112640
Ion Ratio Lower Upper
43 100
61 11.0 9.7 14.5
70 9.4 8.2 12.4

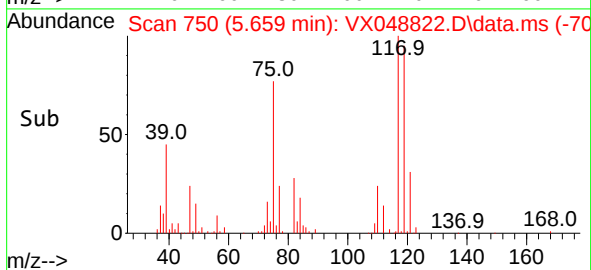
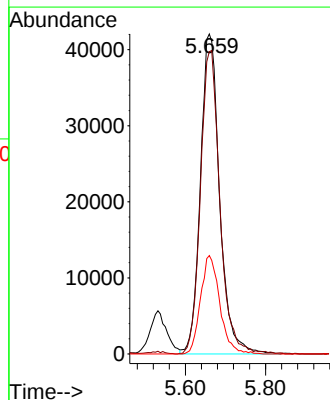
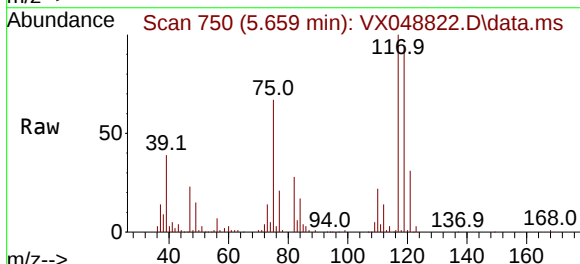
Manual Integrations
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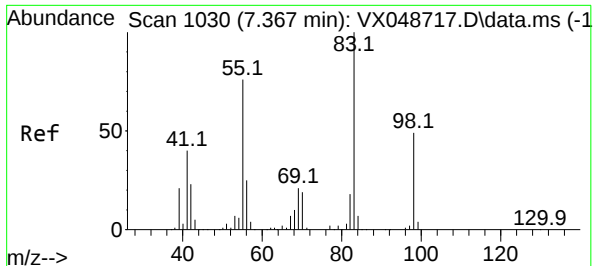
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#38
Carbon Tetrachloride
Concen: 48.271 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion:117 Resp: 140072
Ion Ratio Lower Upper
117 100
119 94.3 80.5 120.7
121 30.8 25.4 38.0





#39

Methylcyclohexane

Concen: 48.085 ug/l

RT: 7.360 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 145662

Ion Ratio Lower Upper

83 100

55 76.9 60.6 90.8

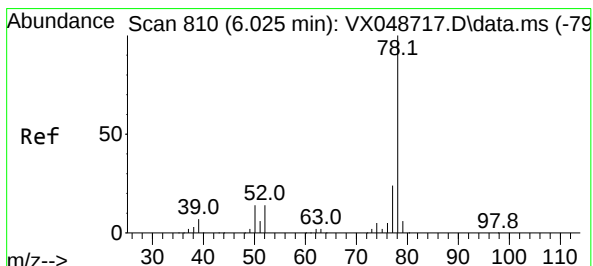
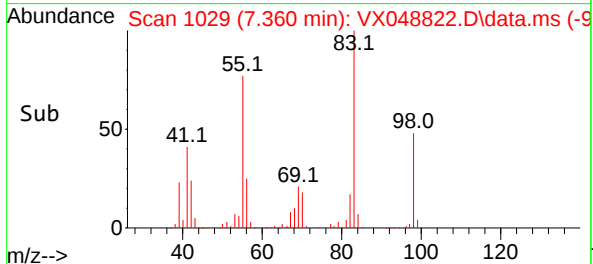
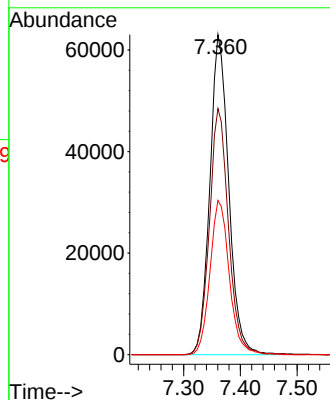
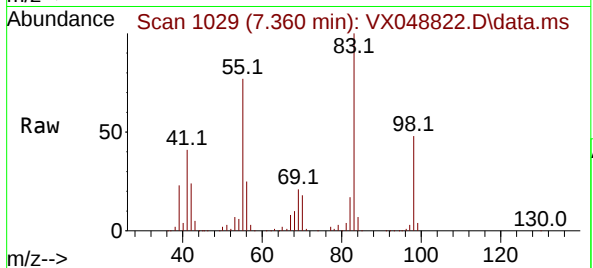
98 48.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#40

Benzene

Concen: 49.317 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048822.D

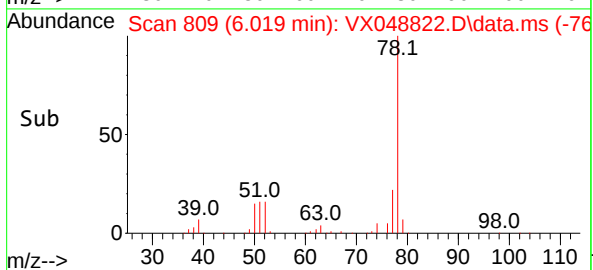
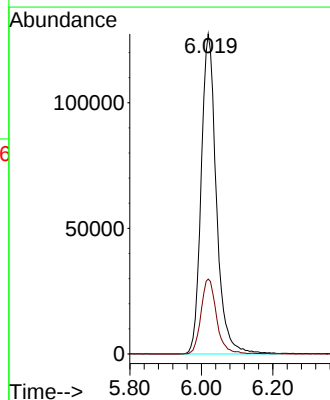
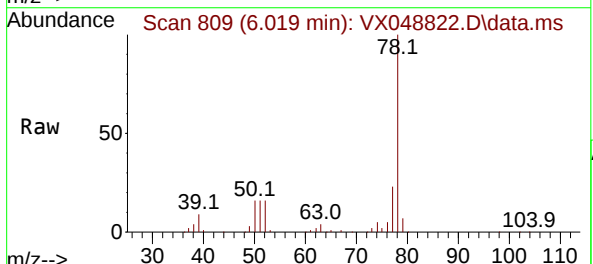
Acq: 11 Dec 2025 13:02

Tgt Ion: 78 Resp: 374535

Ion Ratio Lower Upper

78 100

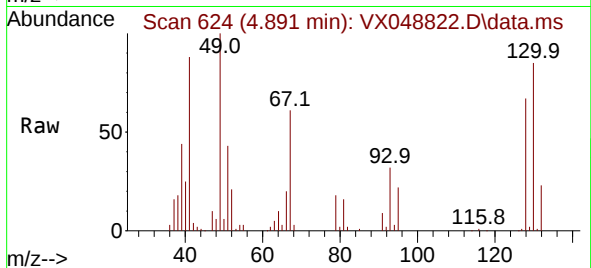
77 23.4 18.8 28.2





#41
Methacrylonitrile
Concen: 41.423 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

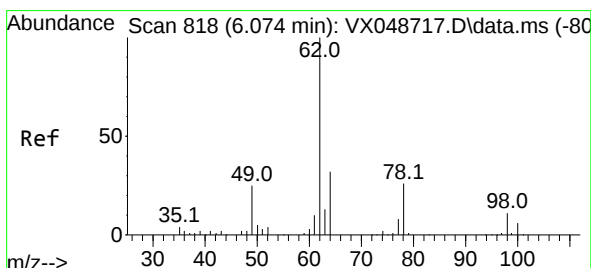
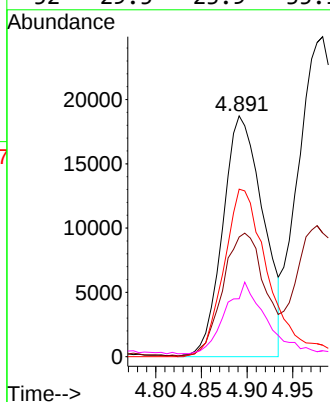
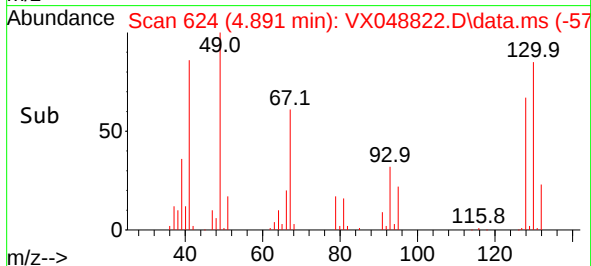
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5769
Ion Ratio Lower Upper
41 100
39 52.6 42.3 63.5
67 80.0 66.6 100.0
52 29.5 23.9 35.9

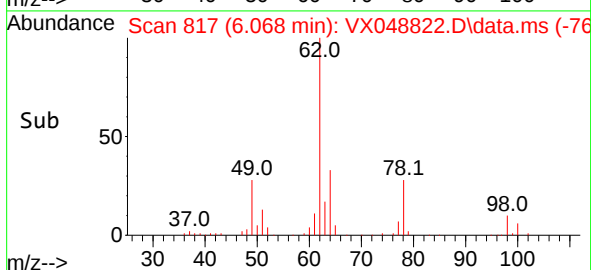
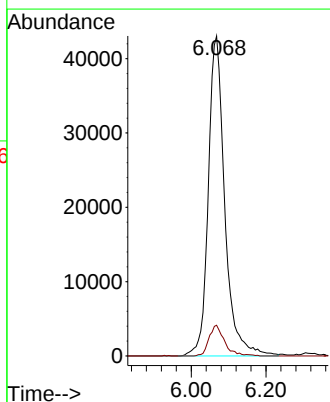
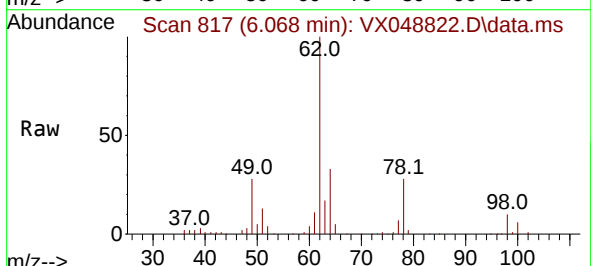
Manual Integrations
APPROVED

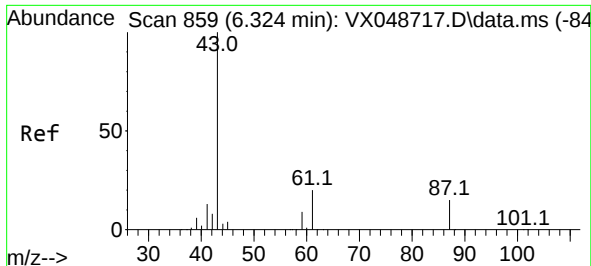
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#42
1,2-Dichloroethane
Concen: 49.036 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 62 Resp: 131807
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.2





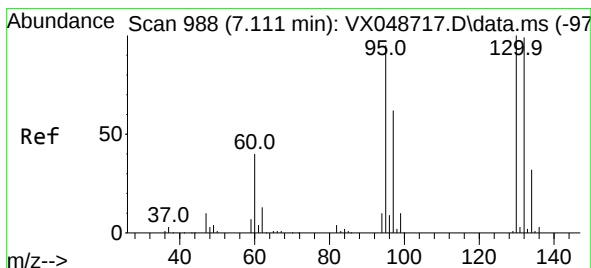
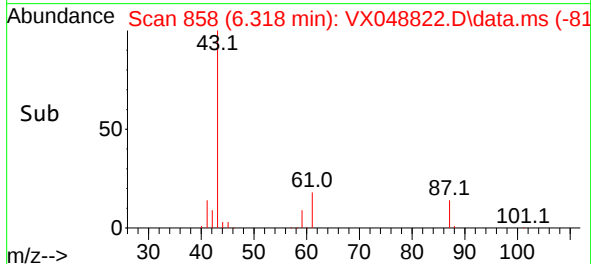
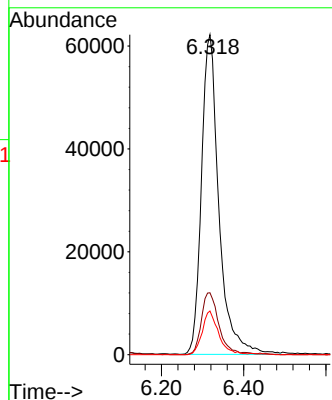
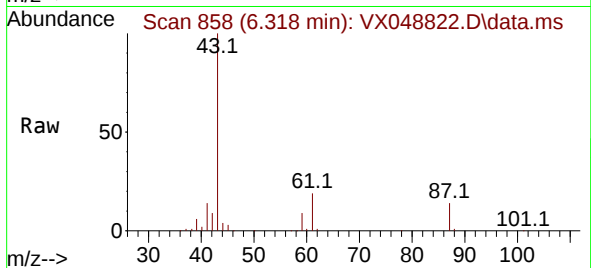
#43
Isopropyl Acetate
Concen: 39.459 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 18290
Ion Ratio Lower Upper
43 100
61 19.4 16.8 25.2
87 12.8 11.8 17.6

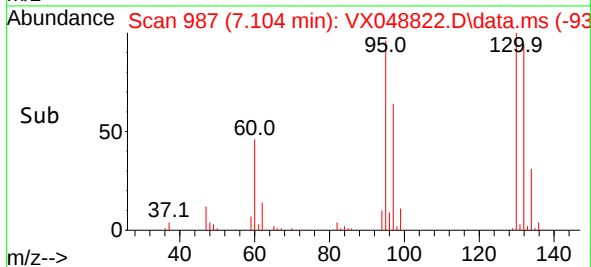
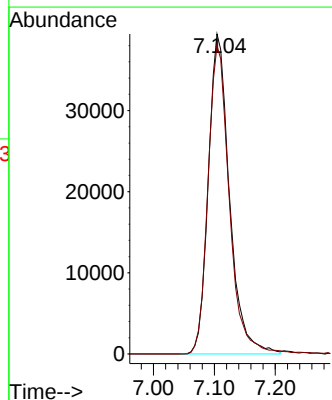
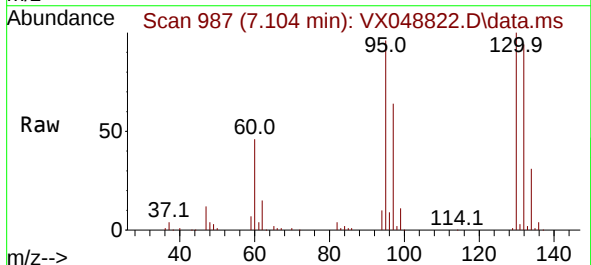
Manual Integrations
APPROVED

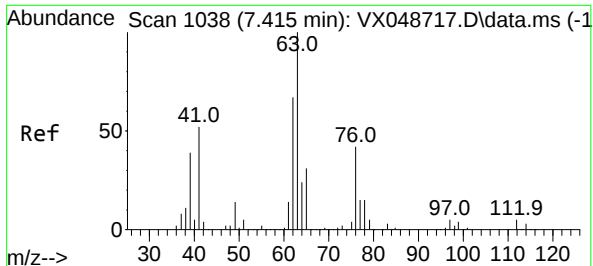
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#44
Trichloroethene
Concen: 48.007 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion:130 Resp: 95129
Ion Ratio Lower Upper
130 100
95 96.3 0.0 189.6





#45

1,2-Dichloropropane

Concen: 50.199 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 95280

Ion Ratio Lower Upper

63 100

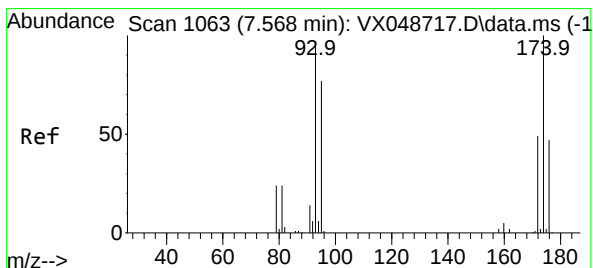
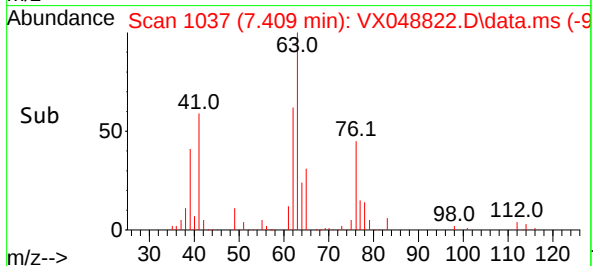
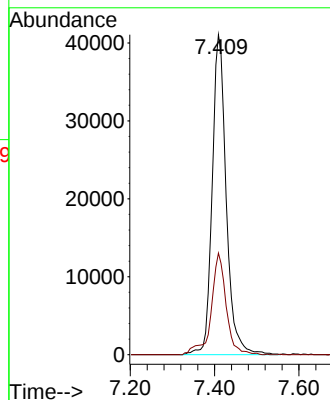
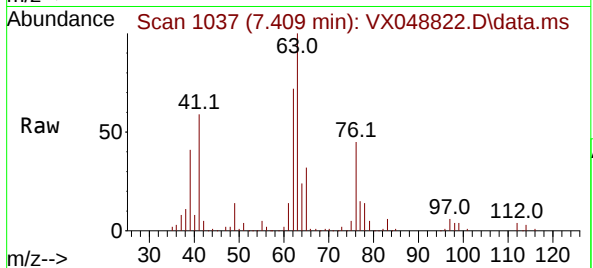
65 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#46

Dibromomethane

Concen: 47.513 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

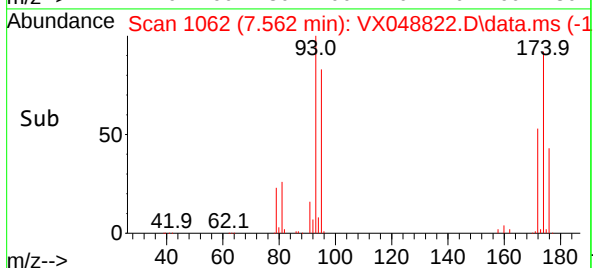
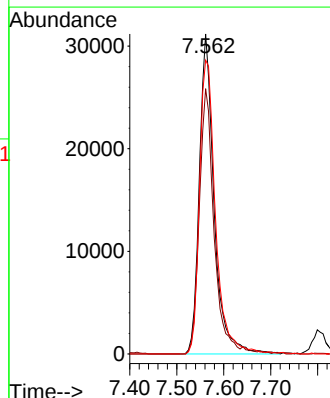
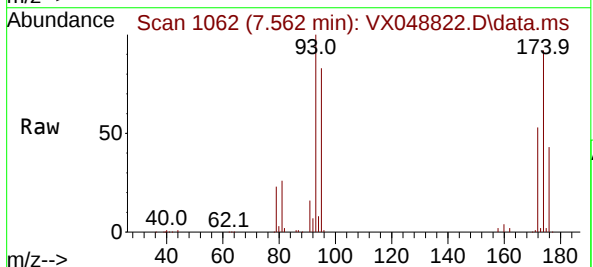
Tgt Ion: 93 Resp: 68392

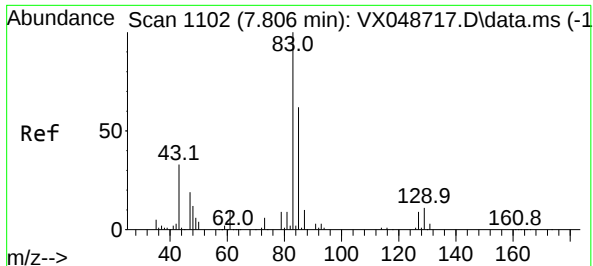
Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

174 99.3 82.0 123.0





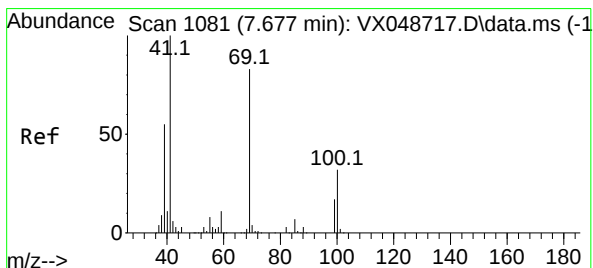
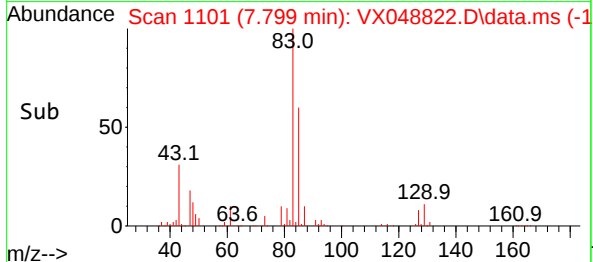
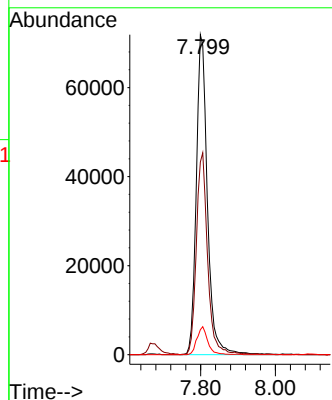
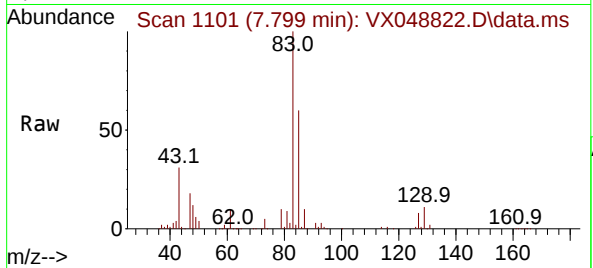
#47
Bromodichloromethane
Concen: 49.448 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 148400
Ion Ratio Lower Upper
83 100
85 60.2 49.8 74.8
127 7.8 7.1 10.7

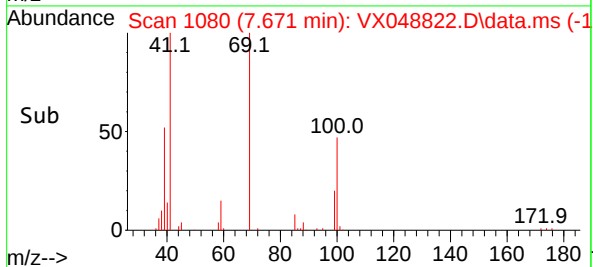
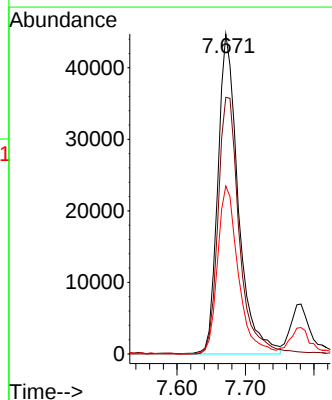
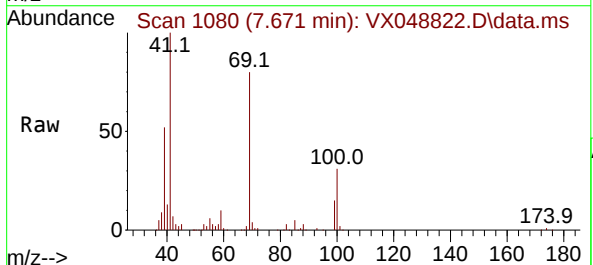
Manual Integrations
APPROVED

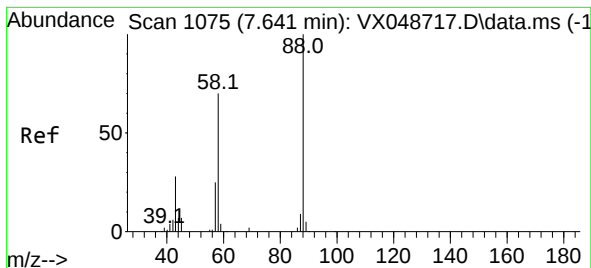
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#48
Methyl methacrylate
Concen: 39.728 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 41 Resp: 92633
Ion Ratio Lower Upper
41 100
69 83.8 68.5 102.7
39 53.3 43.5 65.3





#49

1,4-Dioxane

Concen: 623.831 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2000

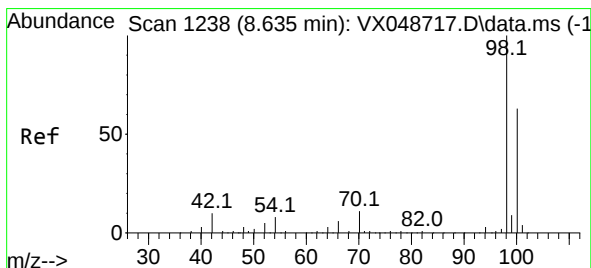
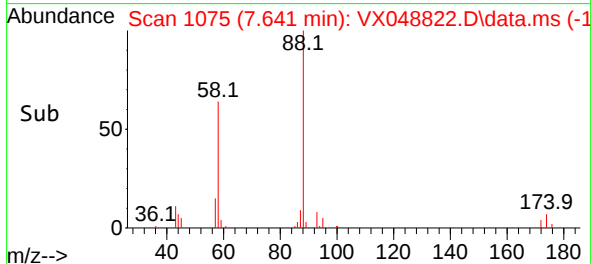
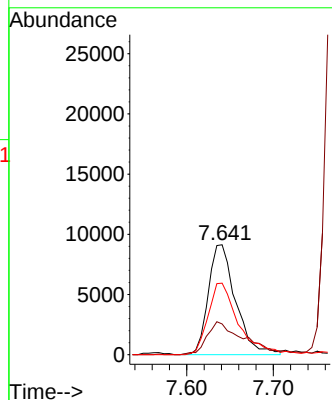
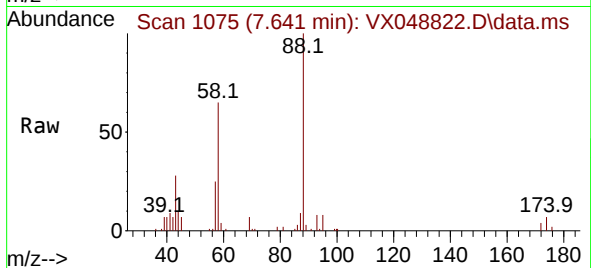
Ion	Ratio	Lower	Upper
88	100		
43	41.2	28.6	43.0
58	72.2	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#50

Toluene-d8

Concen: 50.731 ug/l

RT: 8.628 min Scan# 1237

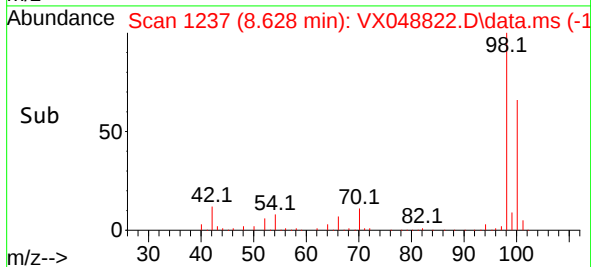
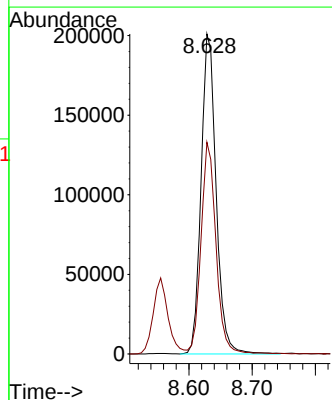
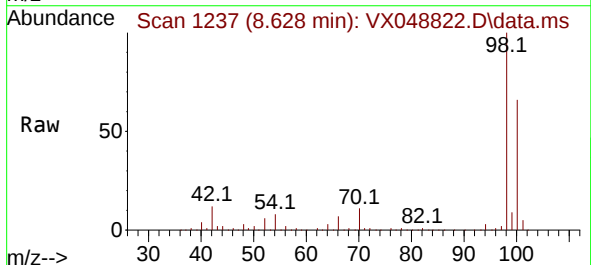
Delta R.T. -0.006 min

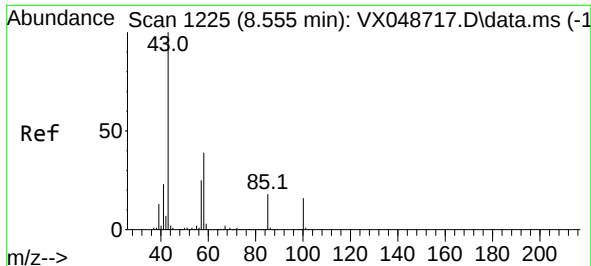
Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Tgt Ion: 98 Resp: 332616

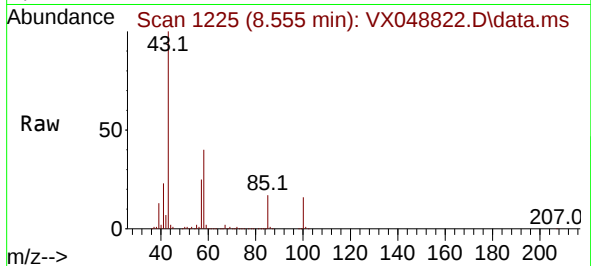
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 178.090 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

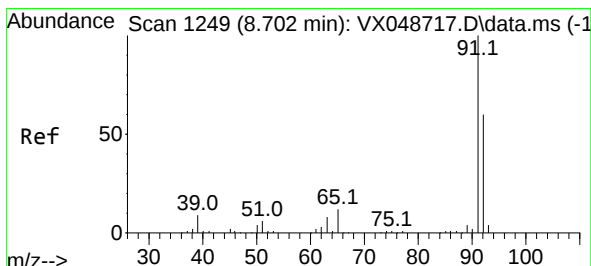
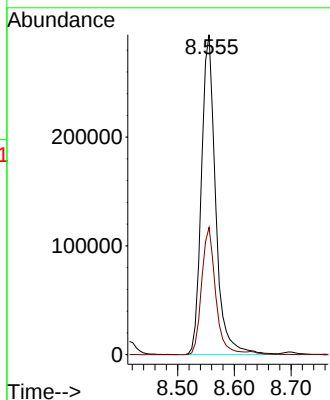
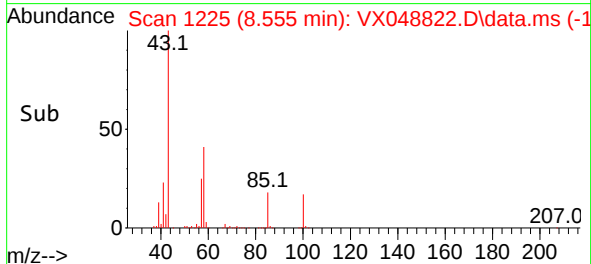
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 512379
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.4

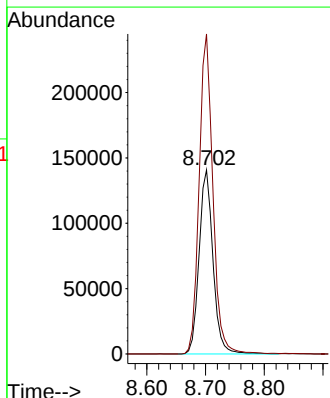
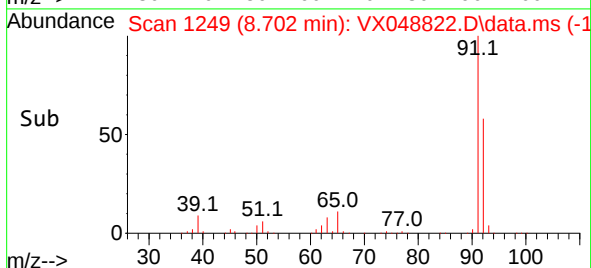
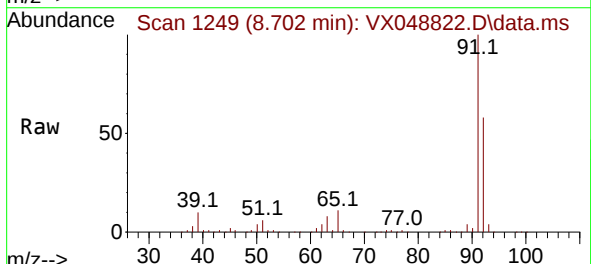
Manual Integrations
APPROVED

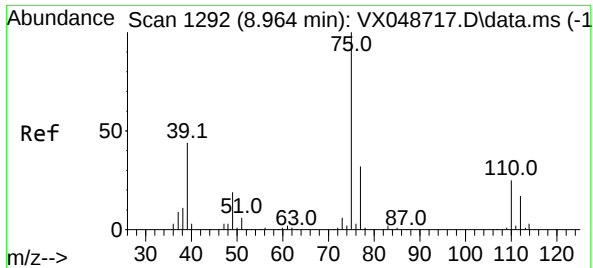
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#52
Toluene
Concen: 50.534 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 92 Resp: 231421
Ion Ratio Lower Upper
92 100
91 172.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.118 ug/l

RT: 8.958 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 145948

Ion Ratio Lower Upper

75 100

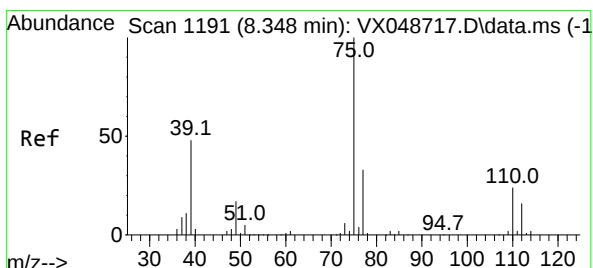
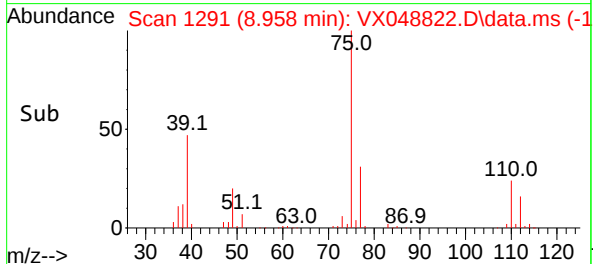
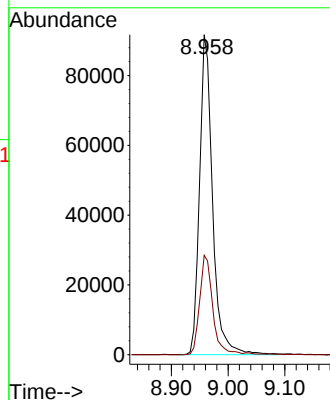
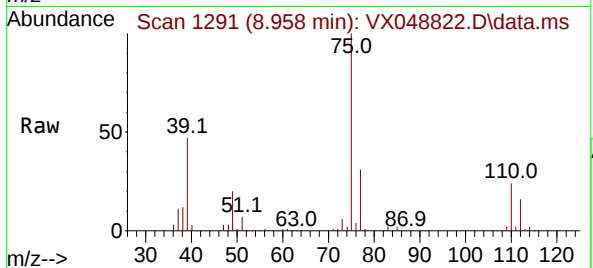
77 31.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#54

cis-1,3-Dichloropropene

Concen: 51.318 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

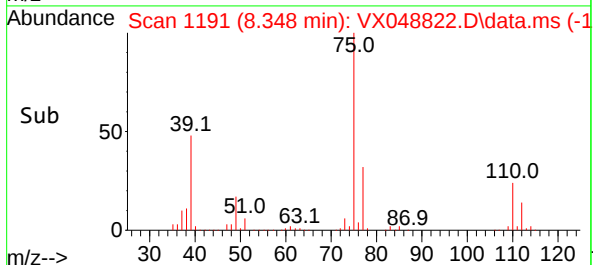
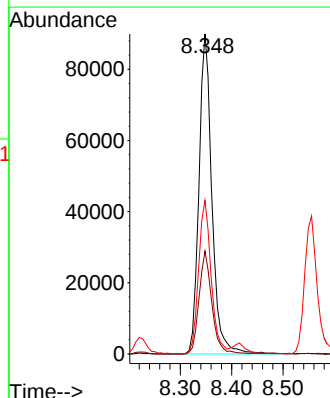
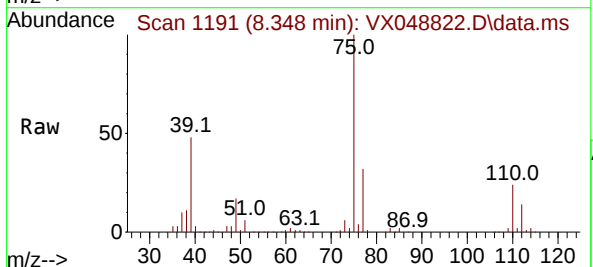
Tgt Ion: 75 Resp: 157465

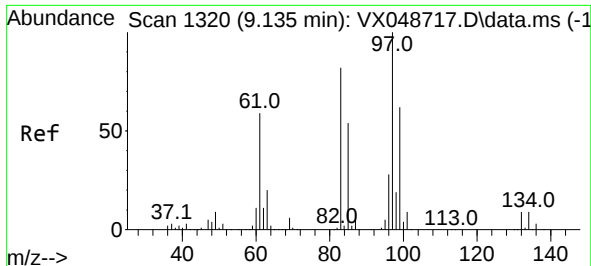
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

39 48.0 38.2 57.4





#55
1,1,2-Trichloroethane
Concen: 48.081 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

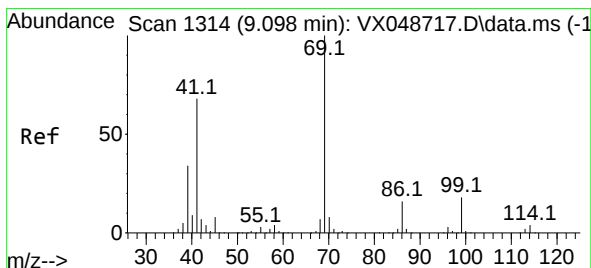
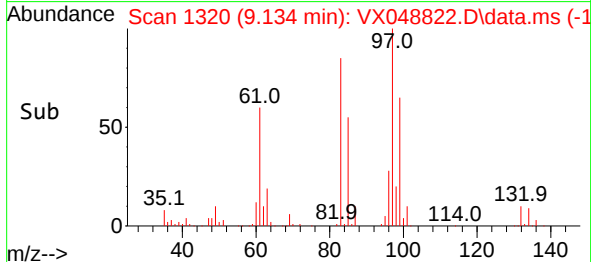
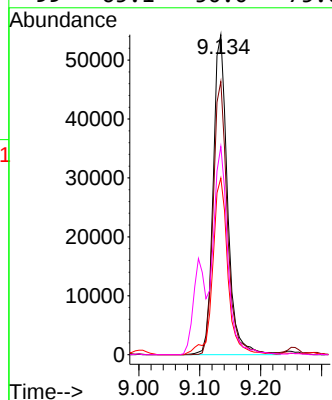
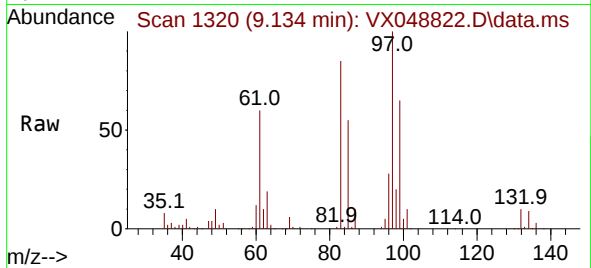
VSTDCCC050

Tgt Ion: 97 Resp: 8859
Ion Ratio Lower Upper
97 100
83 85.3 66.0 99.0
85 55.2 43.2 64.8
99 65.1 50.0 75.0

Manual Integrations

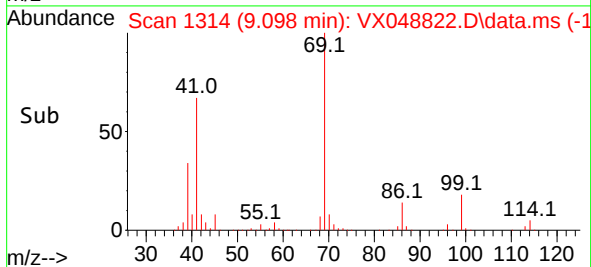
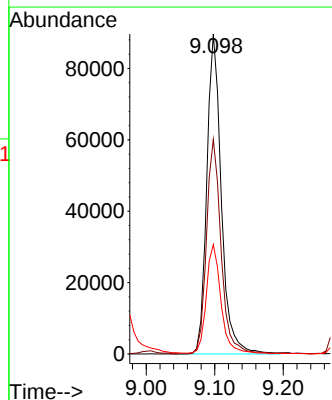
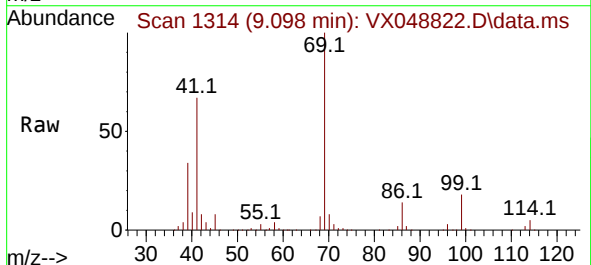
APPROVED

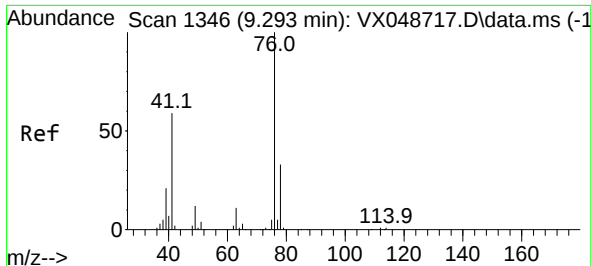
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#56
Ethyl methacrylate
Concen: 45.936 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 69 Resp: 132486
Ion Ratio Lower Upper
69 100
41 67.3 53.4 80.2
39 34.5 27.5 41.3





#57

1,3-Dichloropropane

Concen: 49.709 ug/l

RT: 9.287 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15230

Ion Ratio Lower Upper

76 100

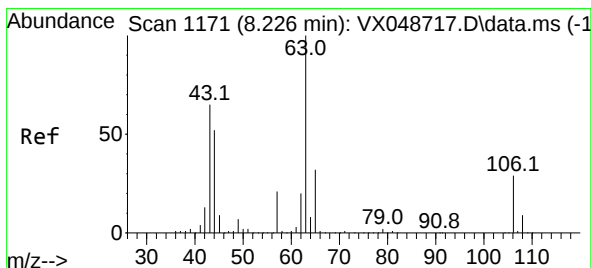
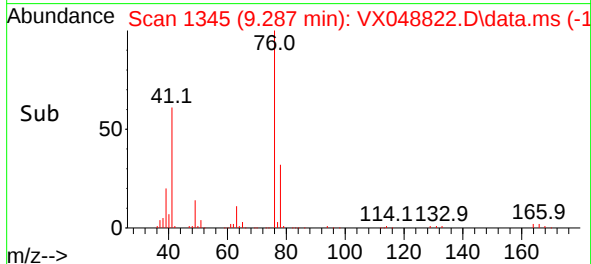
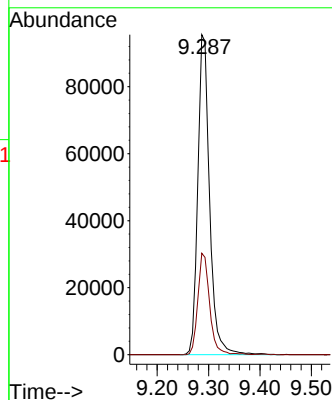
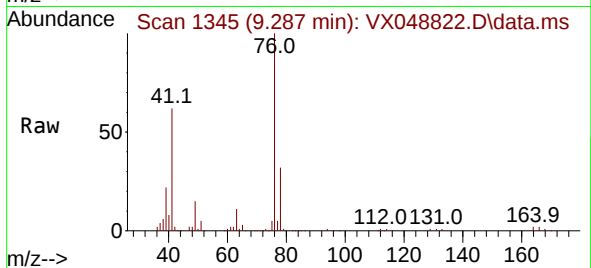
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.368 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048822.D

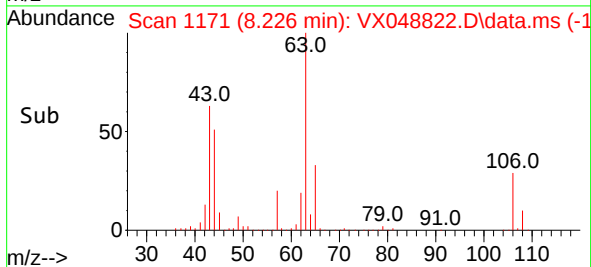
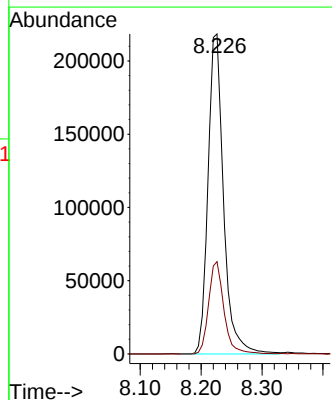
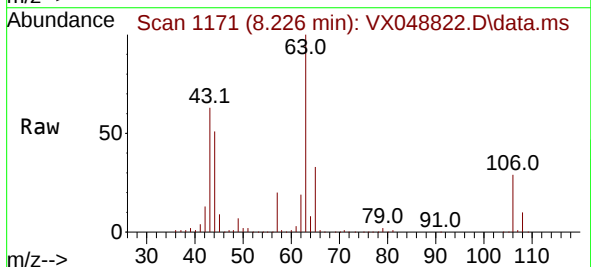
Acq: 11 Dec 2025 13:02

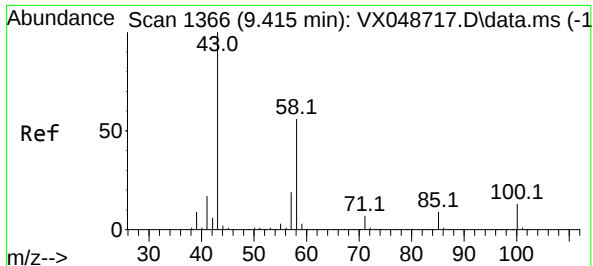
Tgt Ion: 63 Resp: 387162

Ion Ratio Lower Upper

63 100

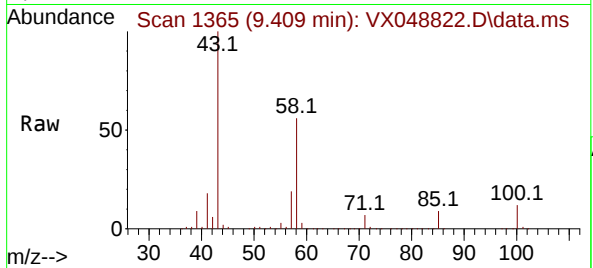
106 28.4 23.4 35.2





#59
2-Hexanone
Concen: 166.667 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

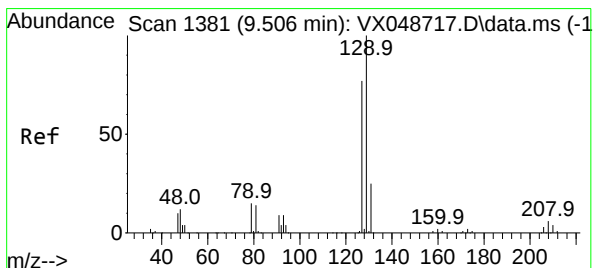
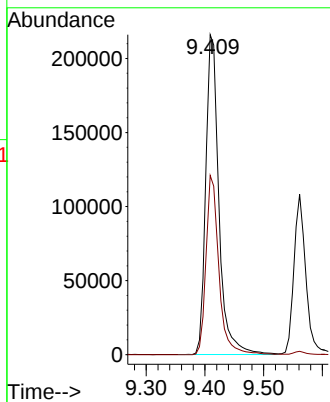
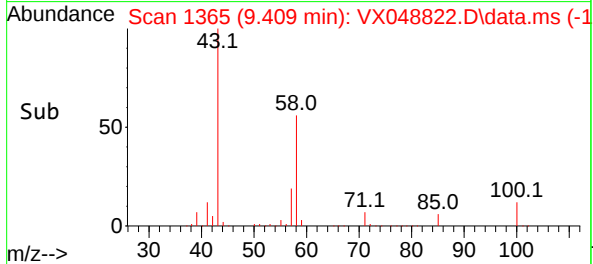
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 336608
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4

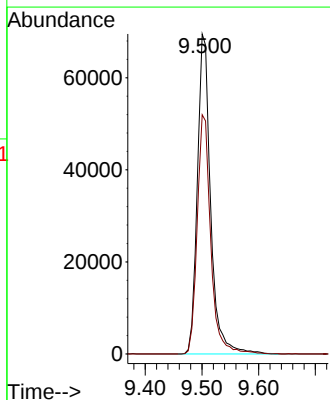
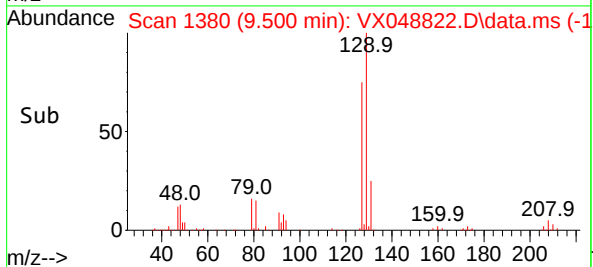
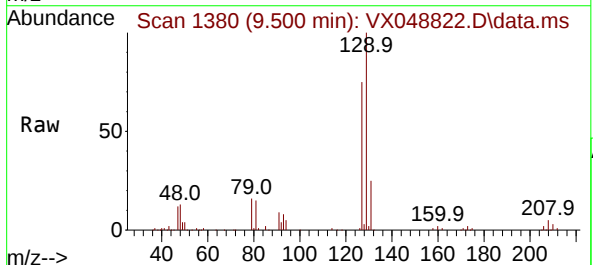
Manual Integrations
APPROVED

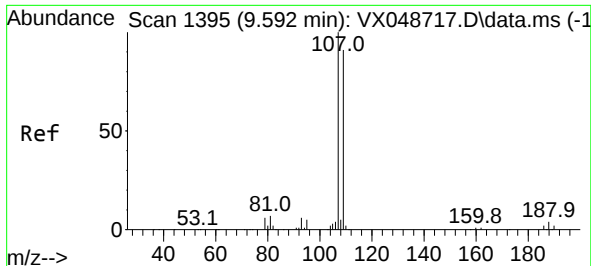
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#60
Dibromochloromethane
Concen: 49.506 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

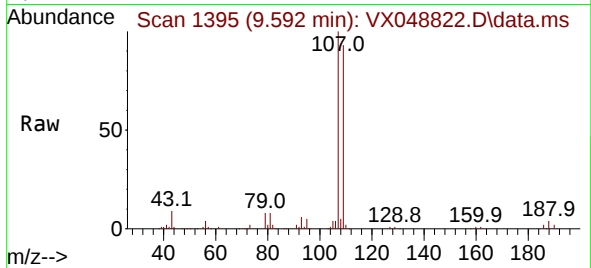
Tgt Ion:129 Resp: 112797
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 46.556 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

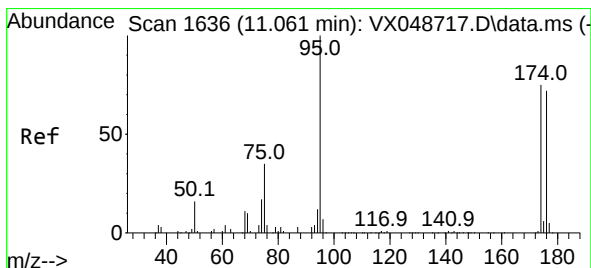
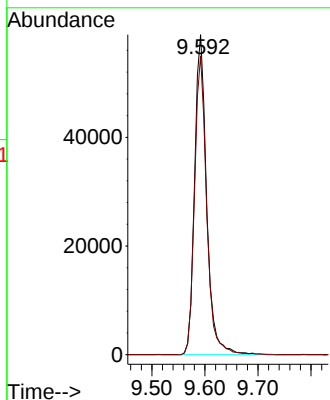
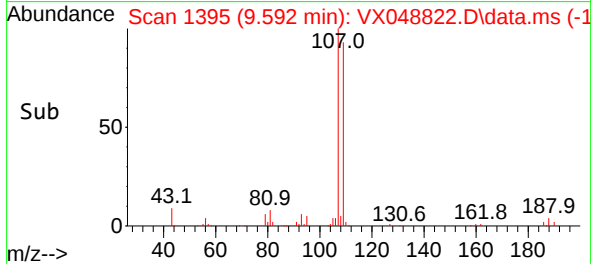
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



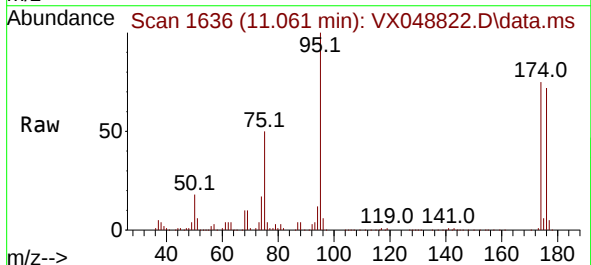
Tgt Ion:107 Resp: 92845
Ion Ratio Lower Upper
107 100
109 93.9 74.9 112.3

Manual Integrations
APPROVED

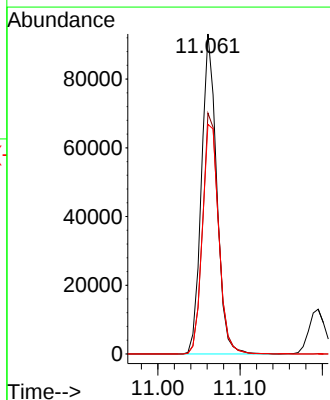
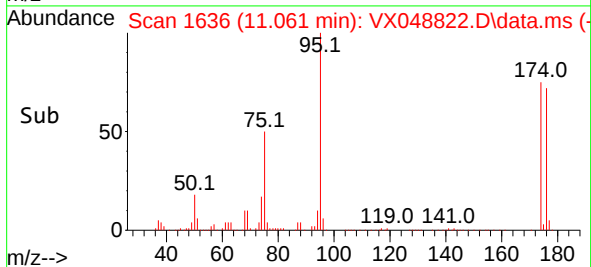
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

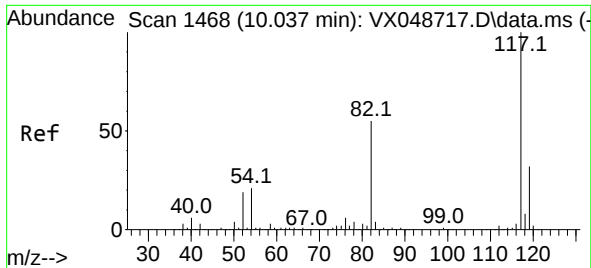


#62
4-Bromofluorobenzene
Concen: 52.967 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



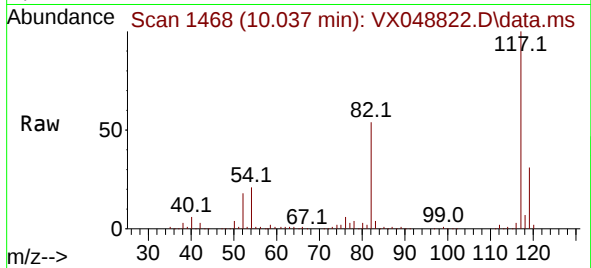
Tgt Ion: 95 Resp: 119751
Ion Ratio Lower Upper
95 100
174 78.3 0.0 157.8
176 77.2 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

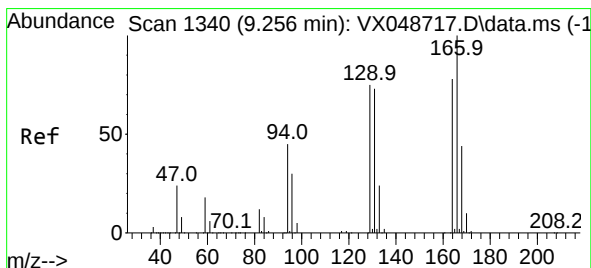
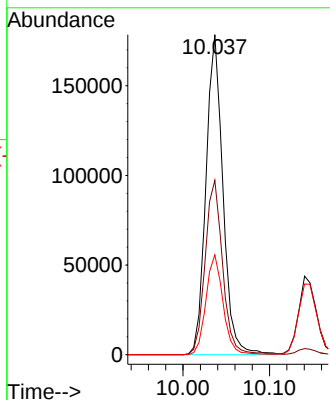
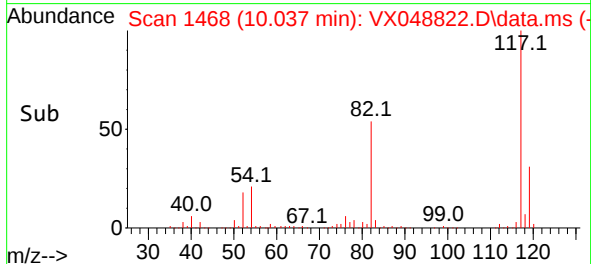
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24322
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 31.2 25.2 37.8

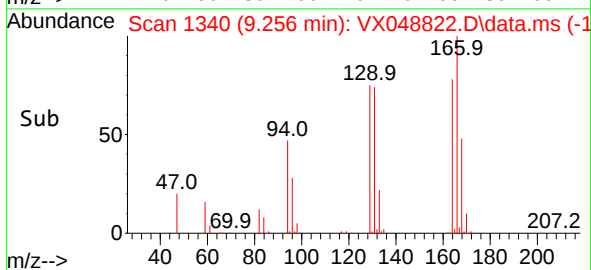
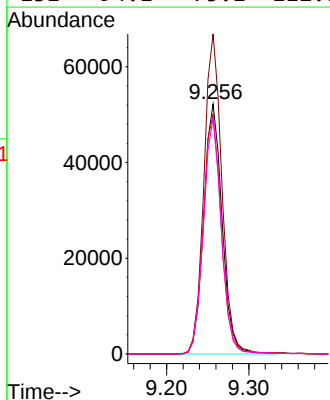
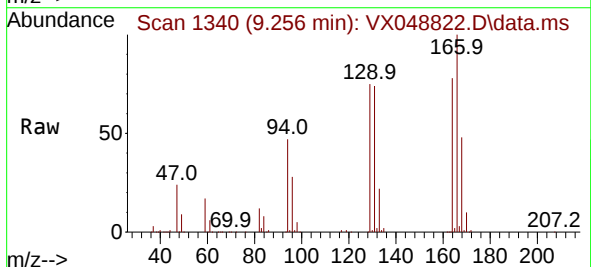
Manual Integrations
APPROVED

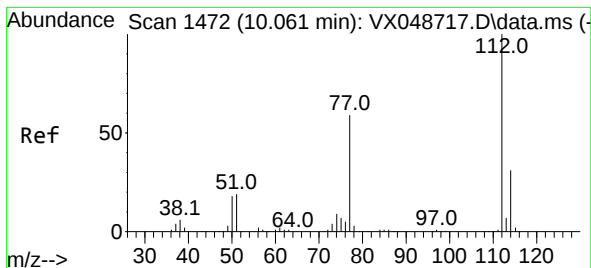
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#64
Tetrachloroethene
Concen: 45.737 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion:164 Resp: 81086
Ion Ratio Lower Upper
164 100
166 128.0 103.1 154.7
129 95.9 76.9 115.3
131 94.1 75.1 112.7





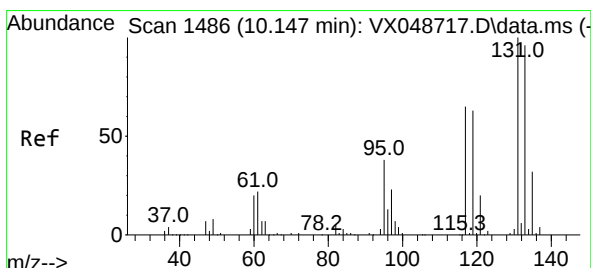
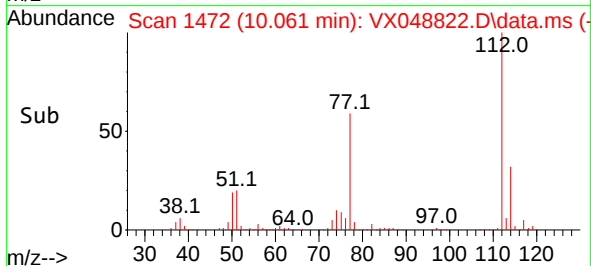
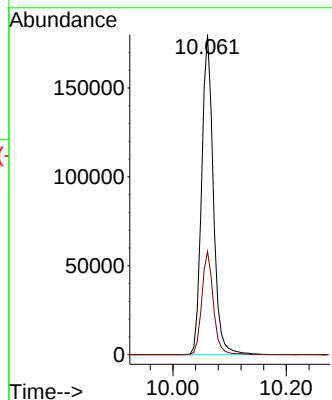
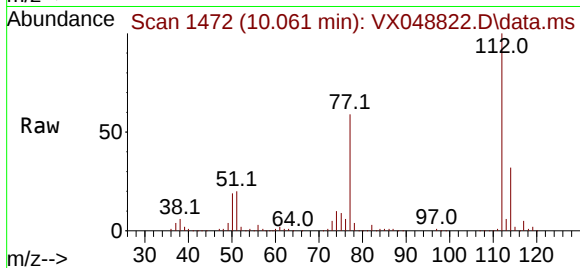
#65
Chlorobenzene
Concen: 48.307 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 257178
Ion Ratio Lower Upper
112 100
114 32.2 24.8 37.2

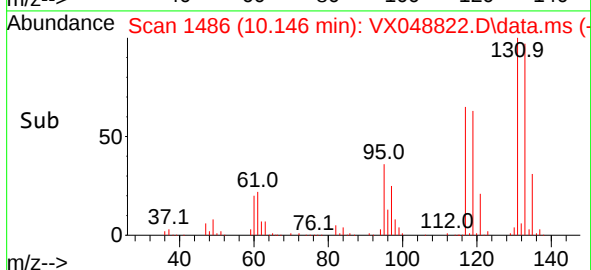
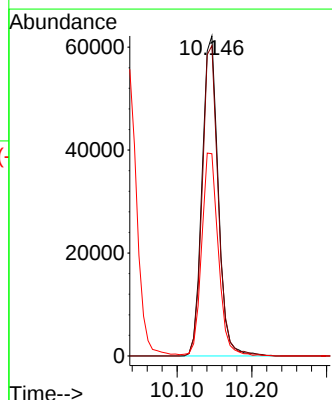
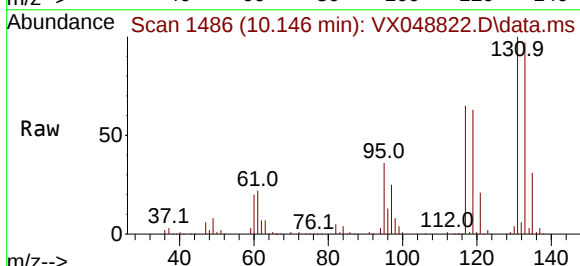
Manual Integrations
APPROVED

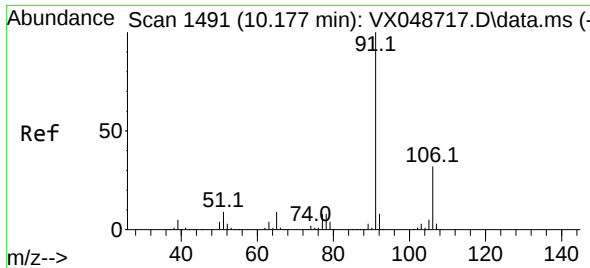
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.928 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

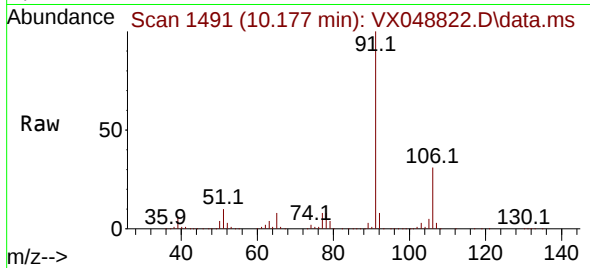
Tgt Ion:131 Resp: 93169
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 65.5 32.6 97.7





#67
Ethyl Benzene
Concen: 50.658 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

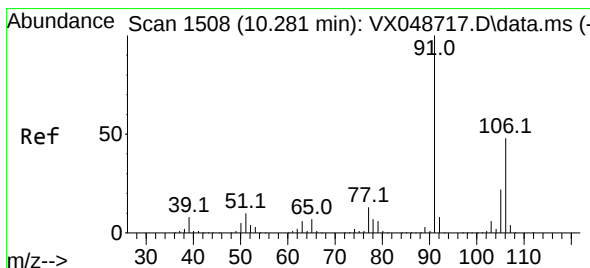
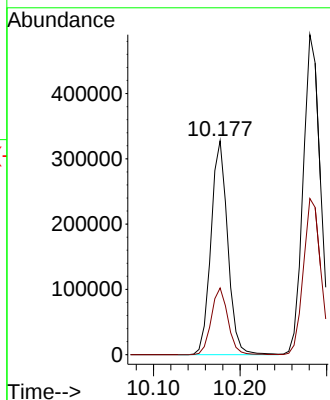
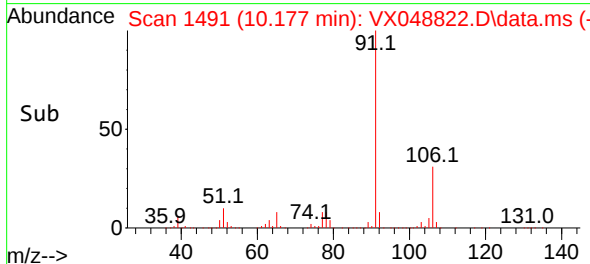
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



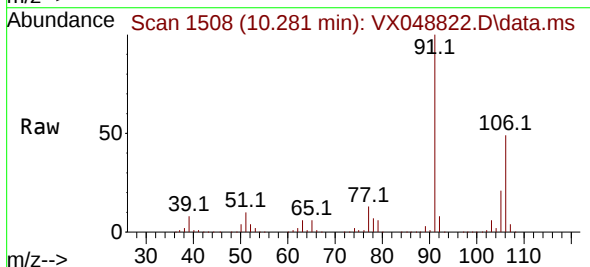
Tgt Ion: 91 Resp: 440088
Ion Ratio Lower Upper
91 100
106 31.2 25.3 37.9

Manual Integrations
APPROVED

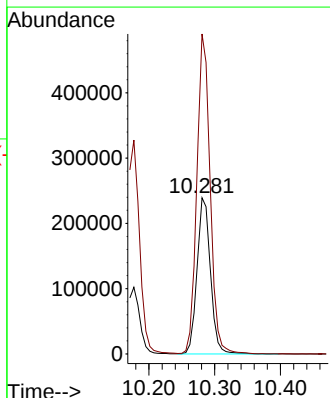
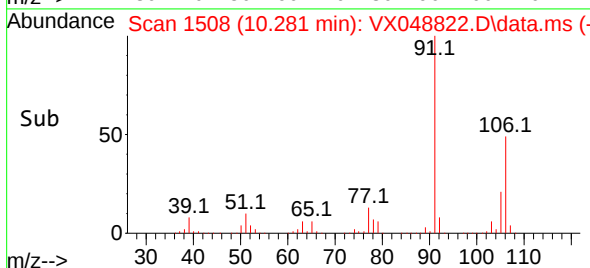
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

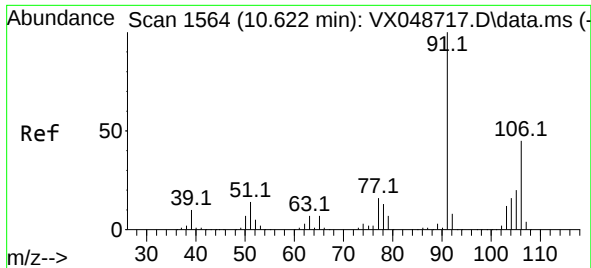


#68
m/p-Xylenes
Concen: 100.087 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion:106 Resp: 338698
Ion Ratio Lower Upper
106 100
91 203.1 164.2 246.4





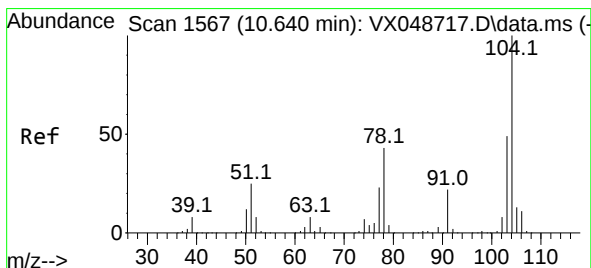
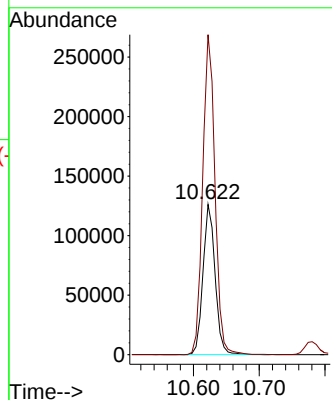
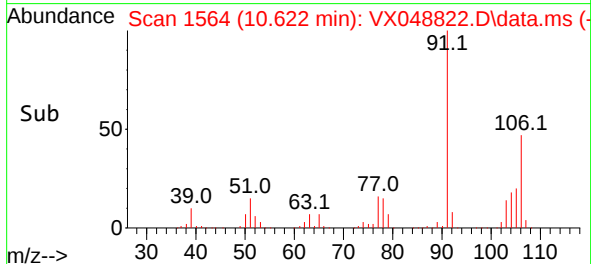
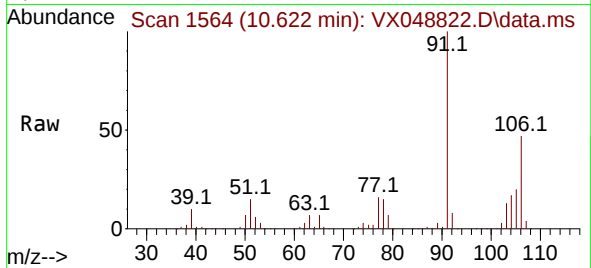
#69
o-Xylene
Concen: 51.024 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 16179
Ion Ratio Lower Upper
106 100
91 215.7 108.1 324.3

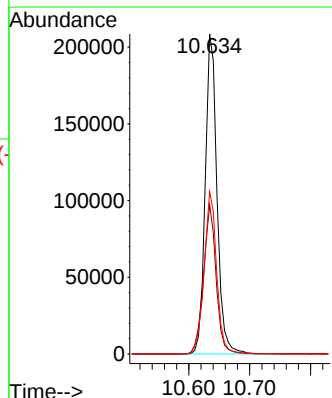
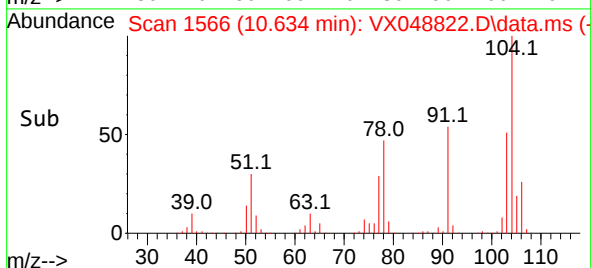
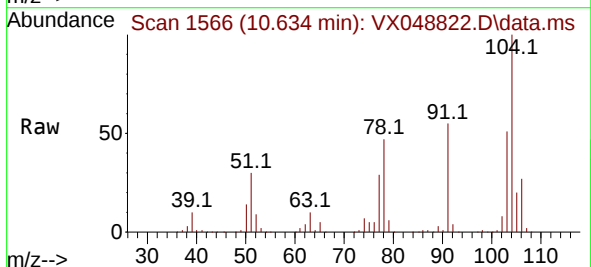
Manual Integrations
APPROVED

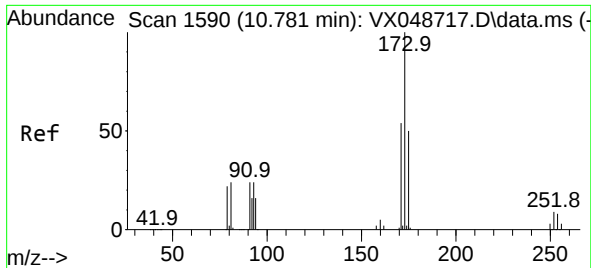
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#70
Styrene
Concen: 51.649 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

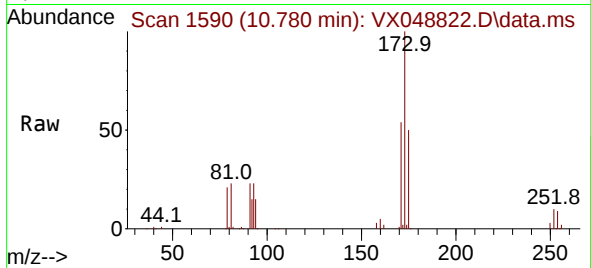
Tgt Ion:104 Resp: 281161
Ion Ratio Lower Upper
104 100
78 49.9 40.6 60.8
103 54.0 43.4 65.2





#71
Bromoform
Concen: 42.157 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

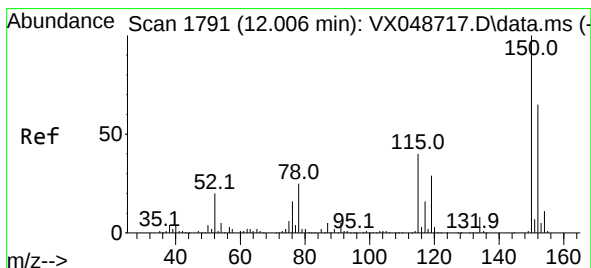
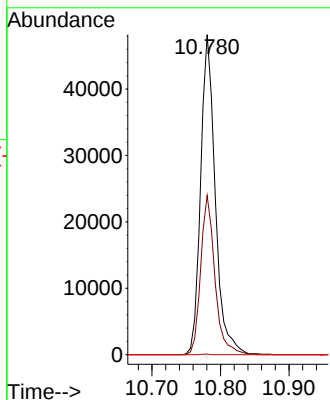
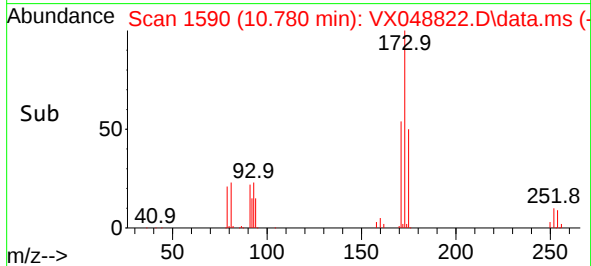
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 7166
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.1 0.1 0.1

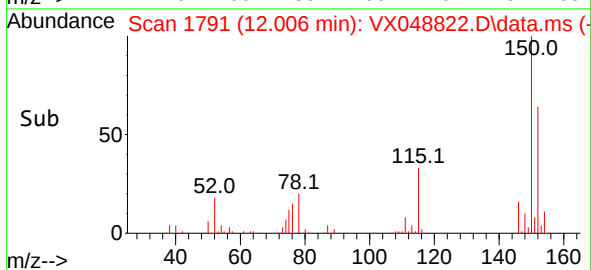
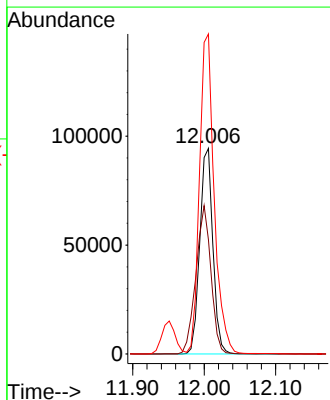
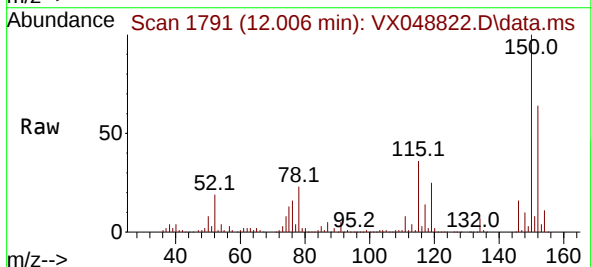
Manual Integrations
APPROVED

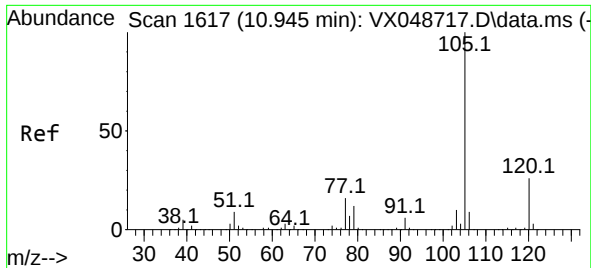
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

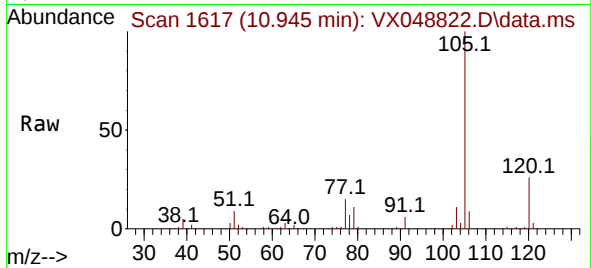
Tgt Ion:152 Resp: 120178
Ion Ratio Lower Upper
152 100
115 82.8 42.1 126.4
150 174.8 0.0 347.8





#73
Isopropylbenzene
Concen: 51.766 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

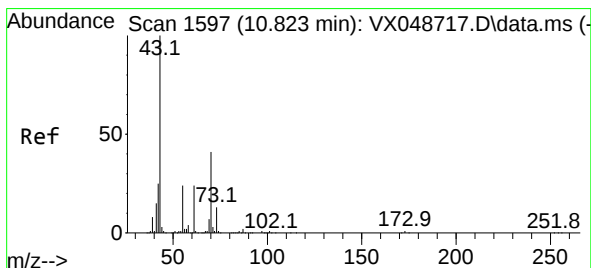
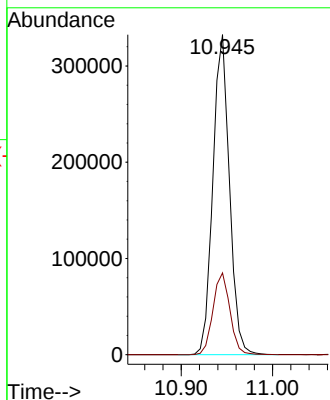
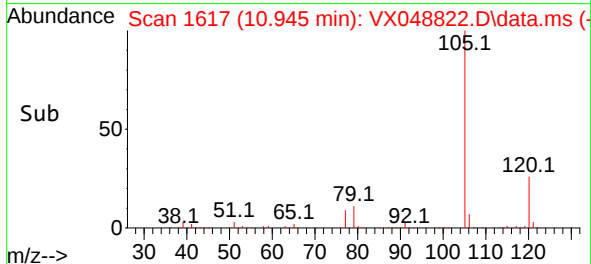
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



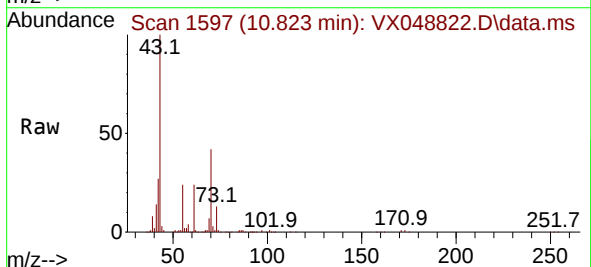
Tgt Ion:105 Resp: 41923
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations
APPROVED

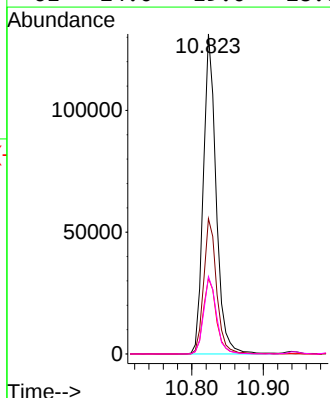
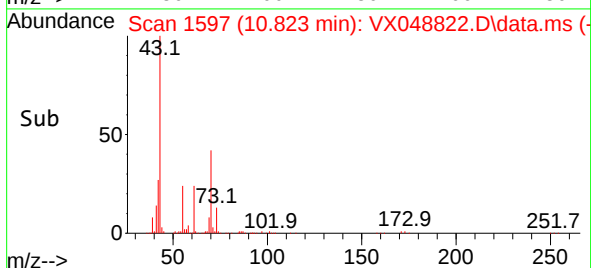
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

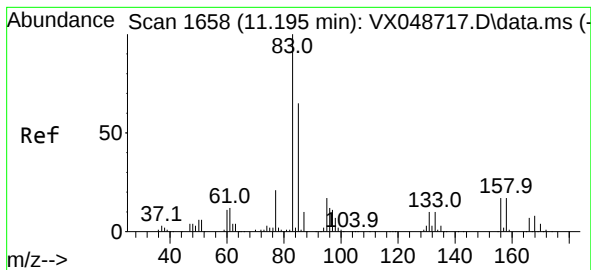


#74
N-ethyl acetate
Concen: 46.517 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion: 43 Resp: 163687
Ion Ratio Lower Upper
43 100
70 42.5 33.9 50.9
55 24.2 19.1 28.7
61 24.0 19.0 28.6





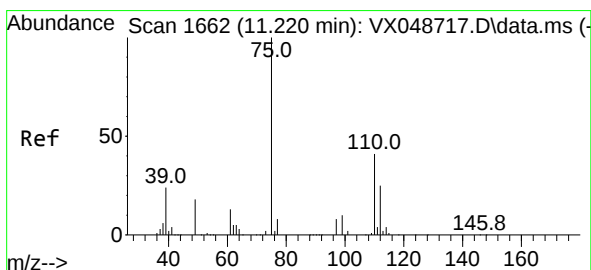
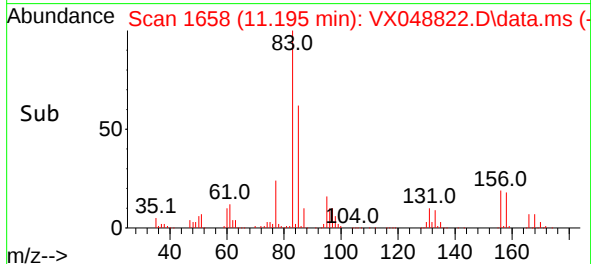
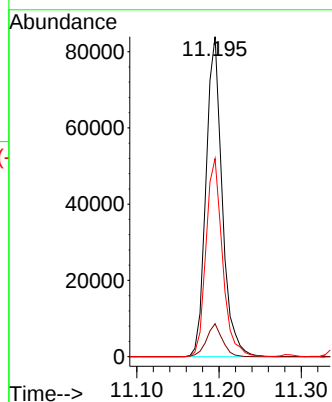
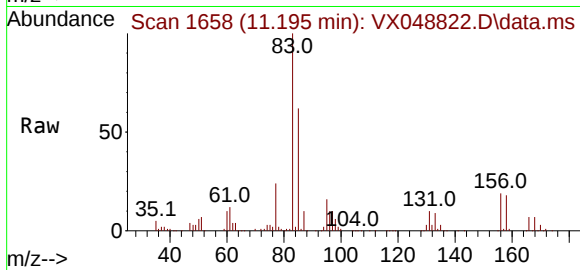
#75
1,1,2,2-Tetrachloroethane
Concen: 41.956 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114648
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 63.1 31.9 95.7

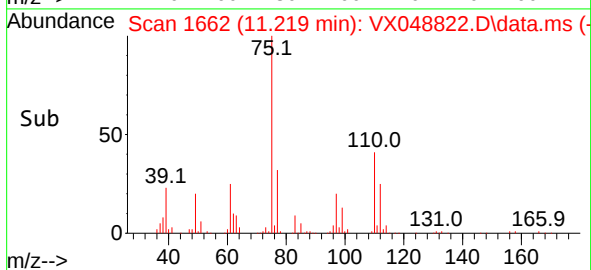
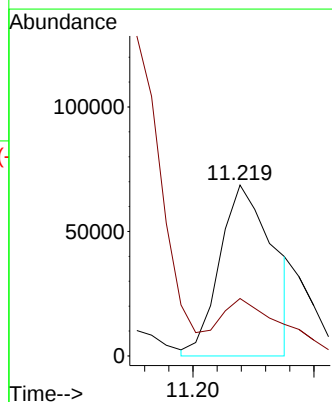
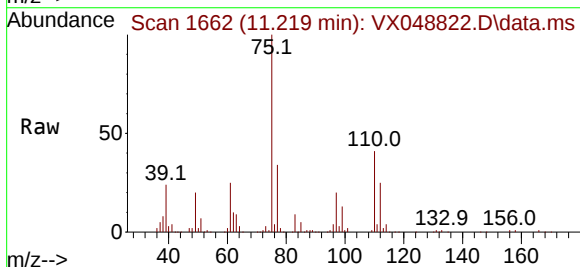
Manual Integrations
APPROVED

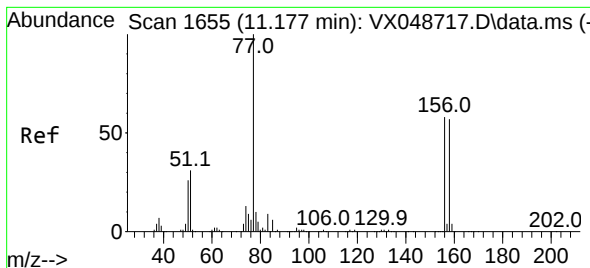
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#76
1,2,3-Trichloropropane
Concen: 47.279 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

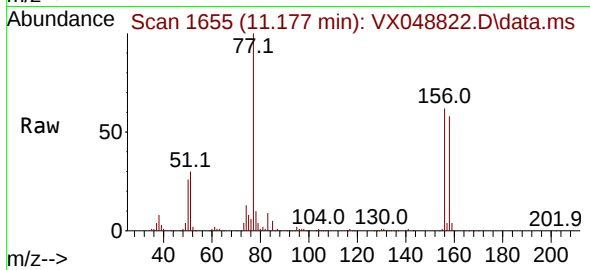
Tgt Ion: 75 Resp: 105826
Ion Ratio Lower Upper
75 100
77 41.1 24.3 73.0





#77
Bromobenzene
Concen: 49.533 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

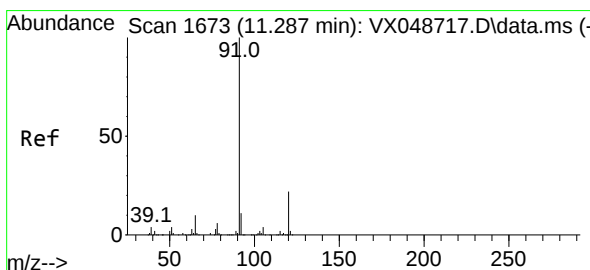
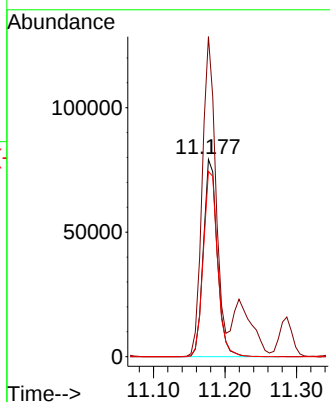
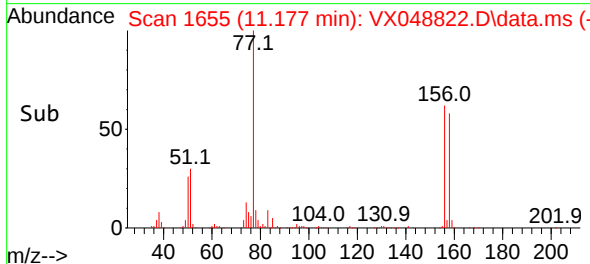
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 107068
Ion Ratio Lower Upper
156 100
77 157.7 80.3 240.9
158 96.5 48.9 146.6

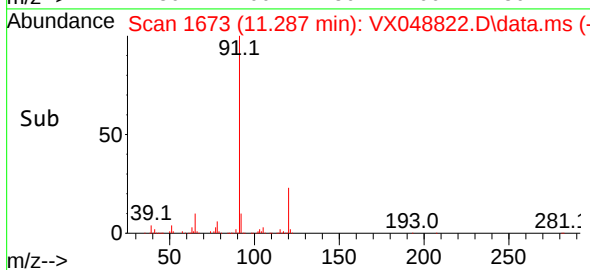
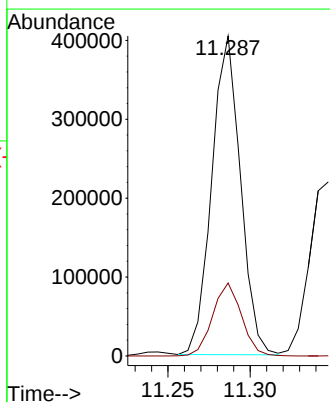
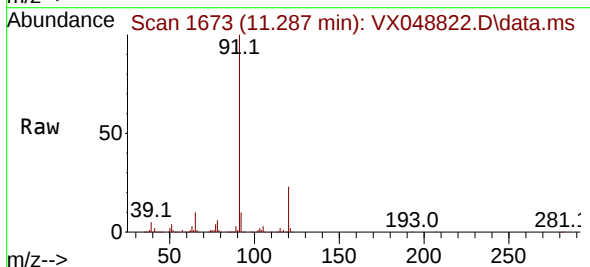
Manual Integrations
APPROVED

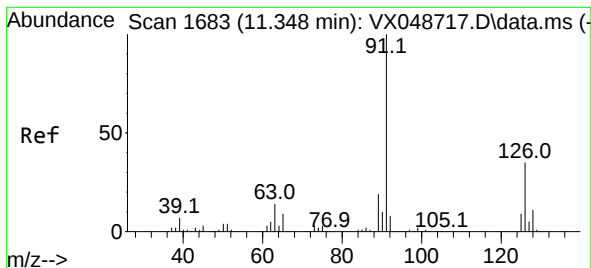
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#78
n-propylbenzene
Concen: 52.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 91 Resp: 490699
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2





#79
2-Chlorotoluene
Concen: 50.599 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

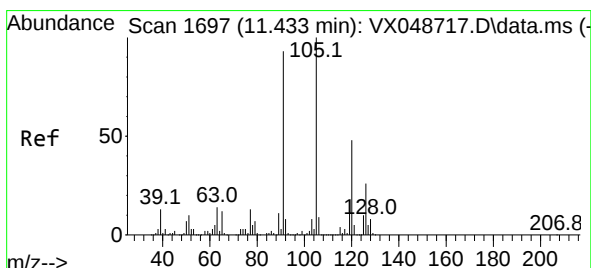
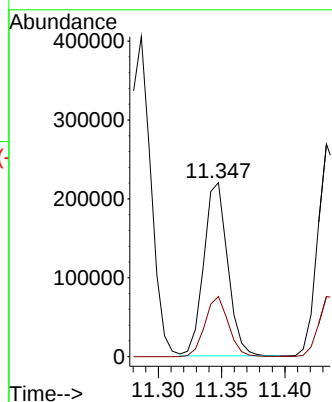
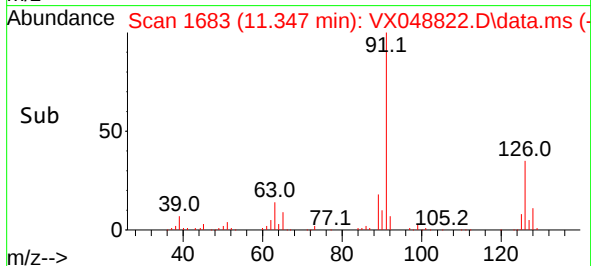
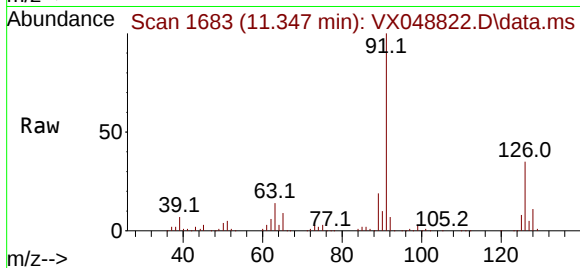
VSTDCCC050

Tgt Ion: 91 Resp: 28940
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.3

Manual Integrations

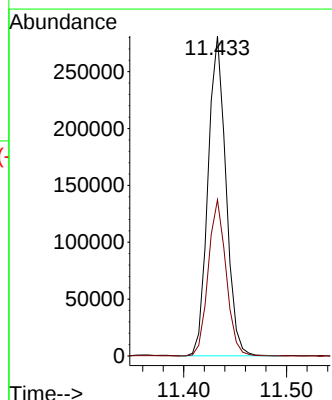
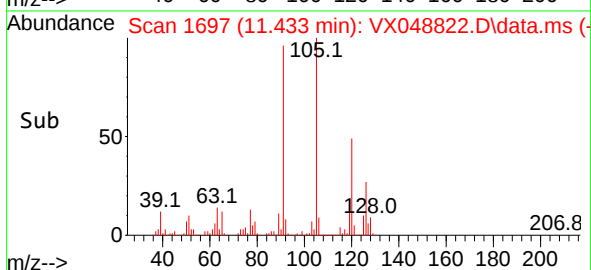
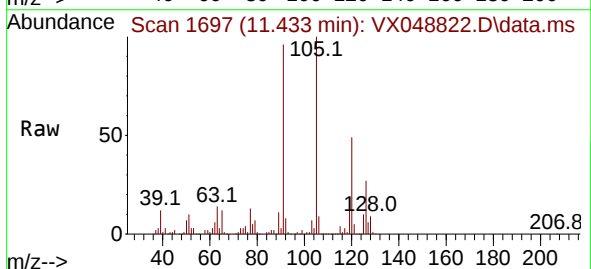
APPROVED

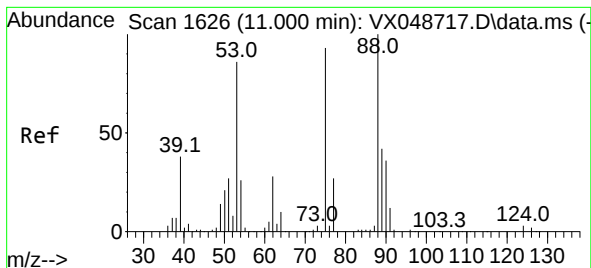
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.249 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion:105 Resp: 341158
Ion Ratio Lower Upper
105 100
120 48.7 24.4 73.2





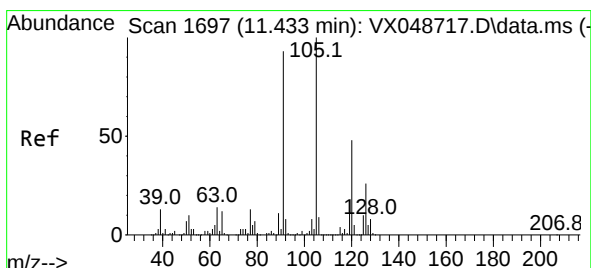
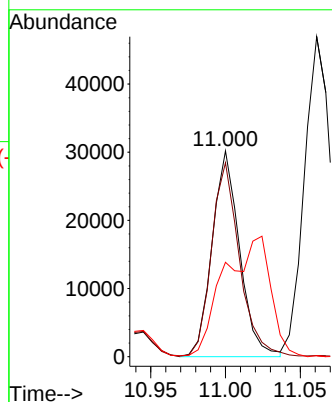
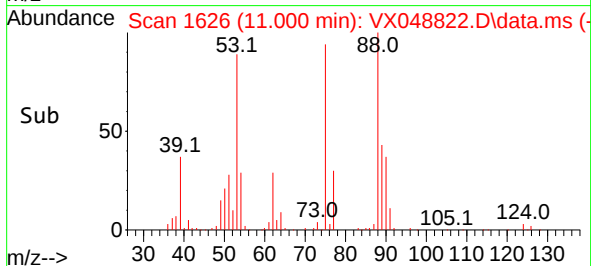
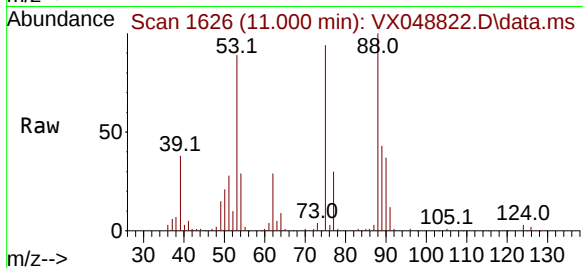
#81
trans-1,4-Dichloro-2-butene
Concen: 40.855 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 38498
Ion Ratio Lower Upper
75 100
53 95.8 79.9 119.9
89 0.0 67.1 100.7

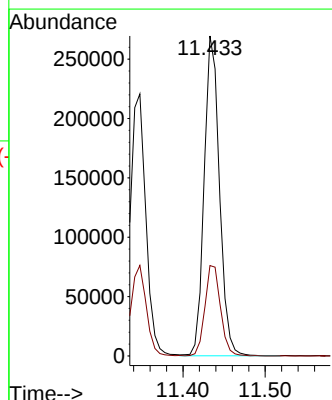
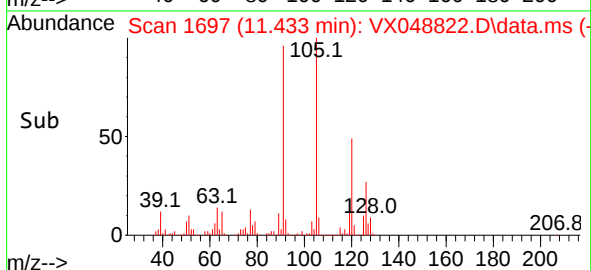
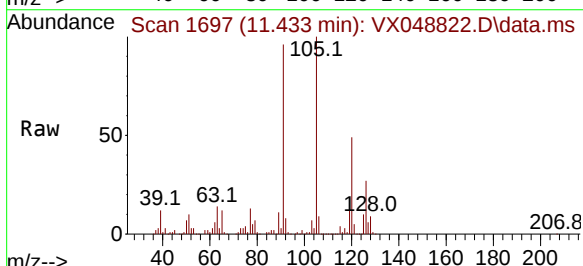
Manual Integrations
APPROVED

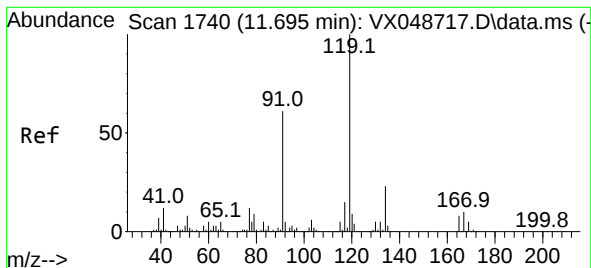
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025



#82
4-Chlorotoluene
Concen: 52.033 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

Tgt Ion: 91 Resp: 347296
Ion Ratio Lower Upper
91 100
126 28.9 14.7 44.1





#83

tert-Butylbenzene

Concen: 49.858 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

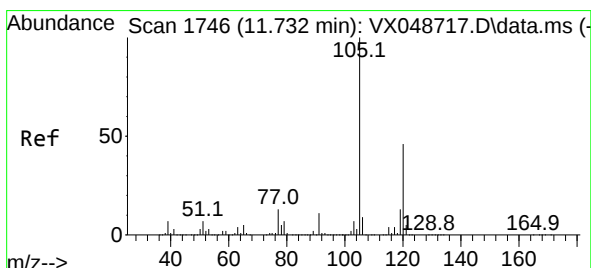
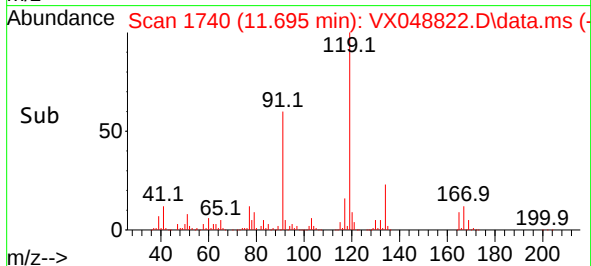
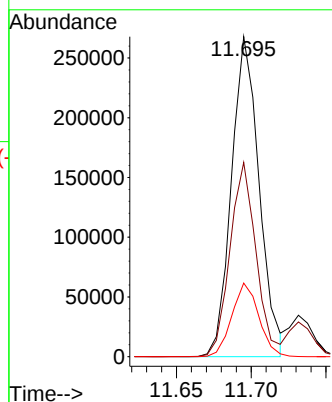
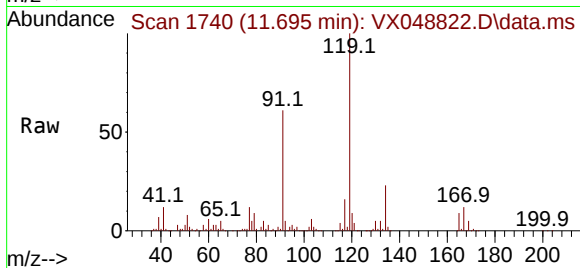
Tgt Ion:	119	Resp:	34486
Ion Ratio	Lower	Upper	
119	100		
91	57.5	28.4	85.2
134	22.5	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.456 ug/l

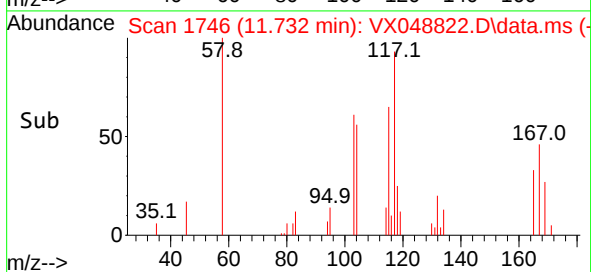
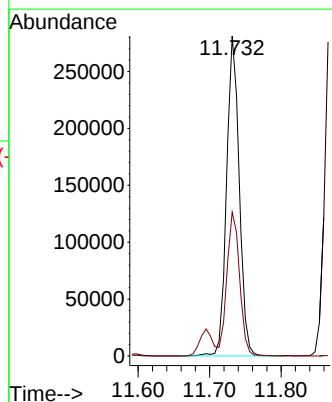
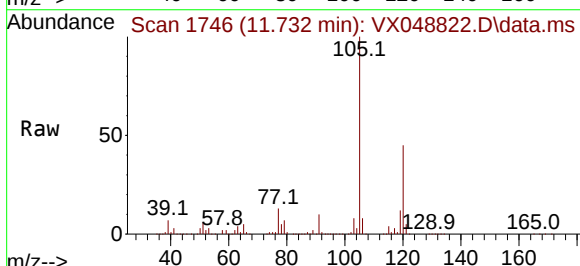
RT: 11.732 min Scan# 1746

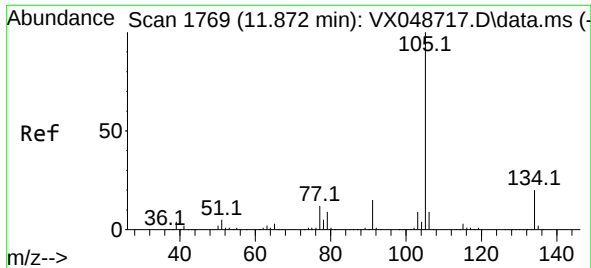
Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Tgt Ion:	105	Resp:	345530
Ion Ratio	Lower	Upper	
105	100		
120	44.8	22.3	66.8





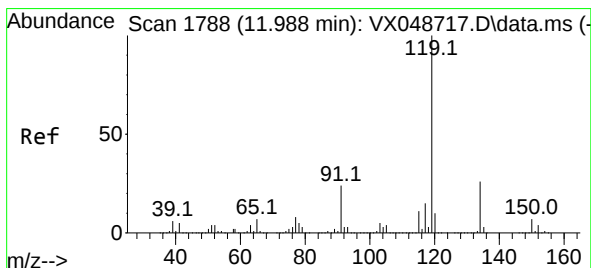
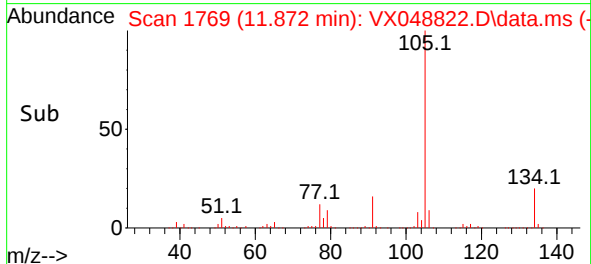
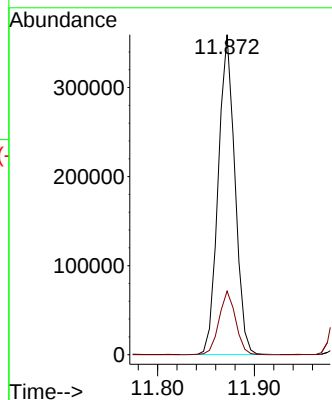
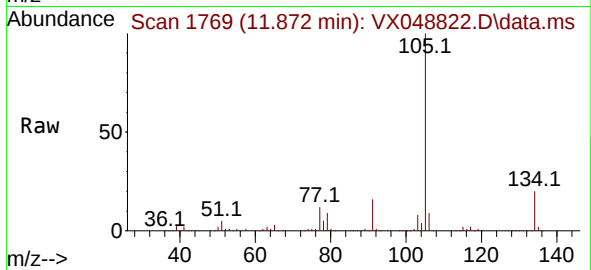
#85
 sec-Butylbenzene
 Concen: 51.260 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048822.D
 Acq: 11 Dec 2025 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 429699
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

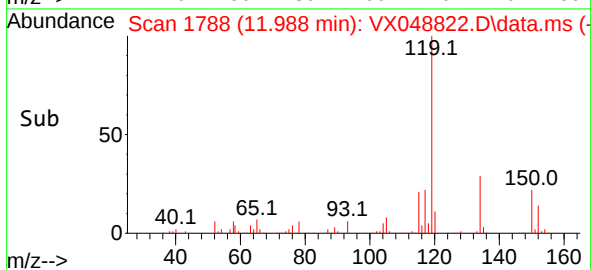
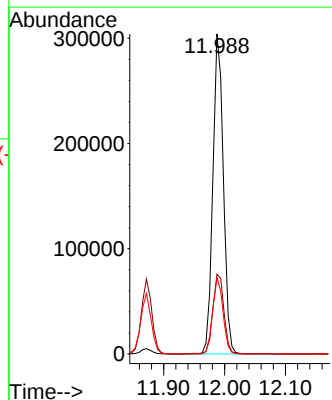
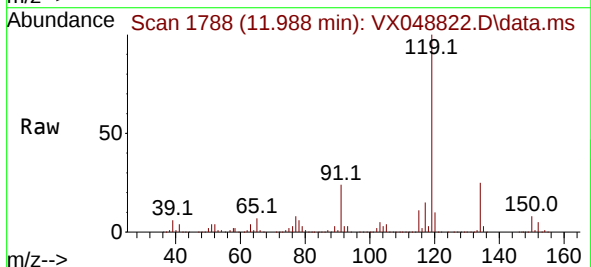
Manual Integrations
 APPROVED

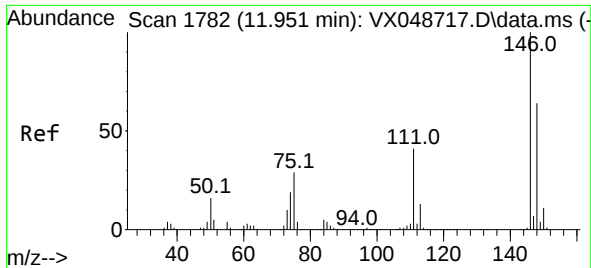
Reviewed By :John Carlone 12/12/2025
 Supervised By :Mahesh Dadoda 12/12/2025



#86
 p-Isopropyltoluene
 Concen: 50.933 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048822.D
 Acq: 11 Dec 2025 13:02

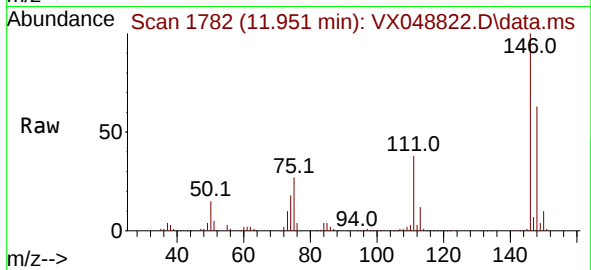
Tgt Ion:119 Resp: 364957
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.6 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 48.626 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

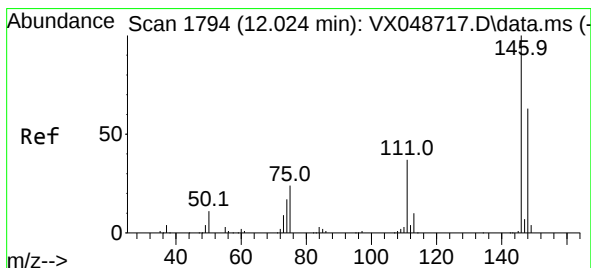
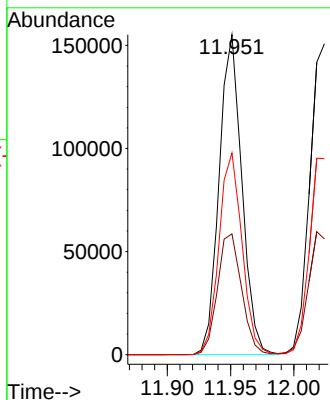
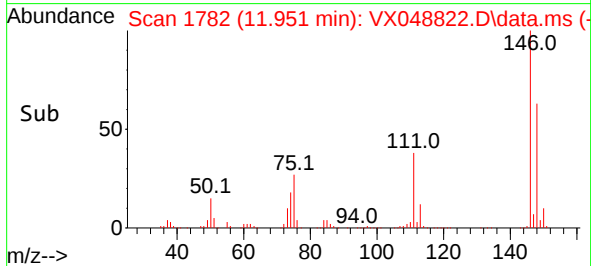
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



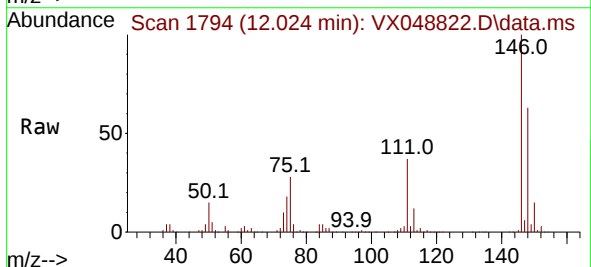
Tgt Ion:146 Resp: 19376
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.8
148 64.1 32.1 96.5

Manual Integrations
APPROVED

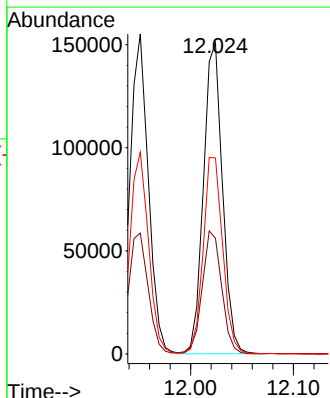
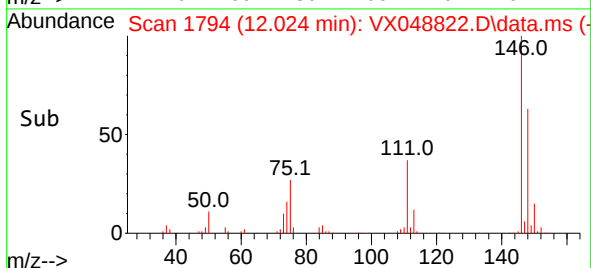
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

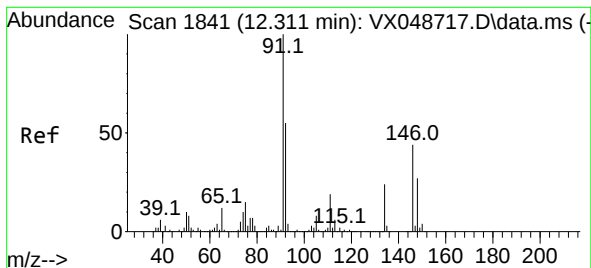


#88
1,4-Dichlorobenzene
Concen: 47.163 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion:146 Resp: 194211
Ion Ratio Lower Upper
146 100
111 40.3 19.6 58.7
148 65.1 31.6 94.7





#89

n-Butylbenzene

Concen: 49.939 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 335038

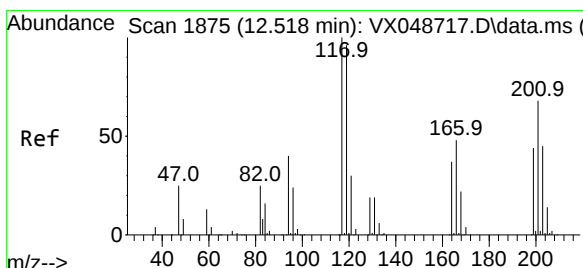
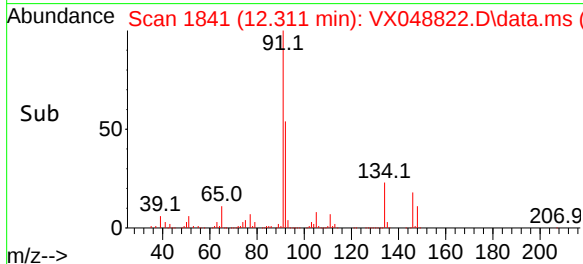
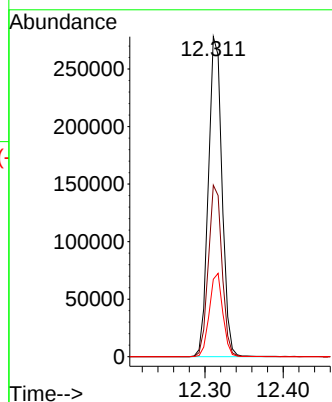
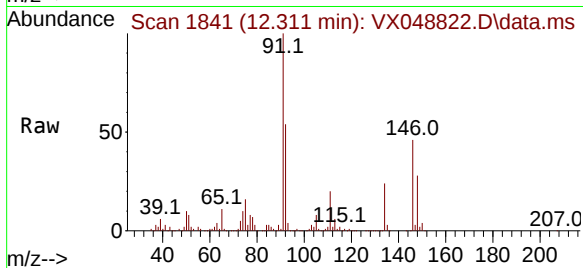
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.1	81.3
134	25.7	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#90

Hexachloroethane

Concen: 47.816 ug/l

RT: 12.518 min Scan# 1875

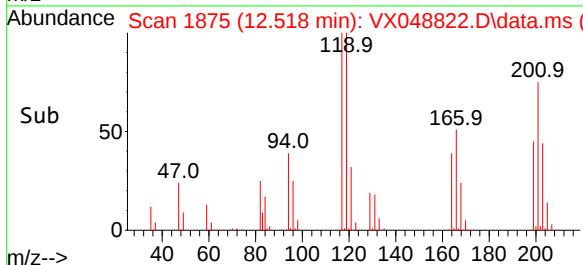
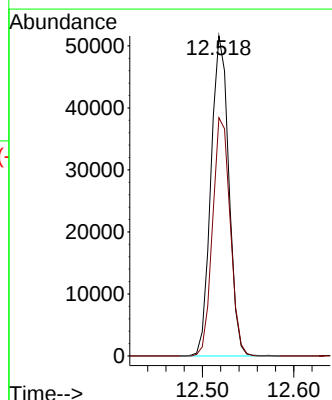
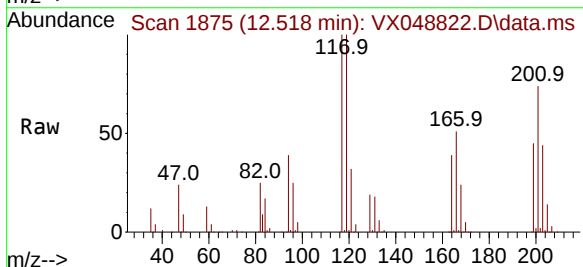
Delta R.T. -0.000 min

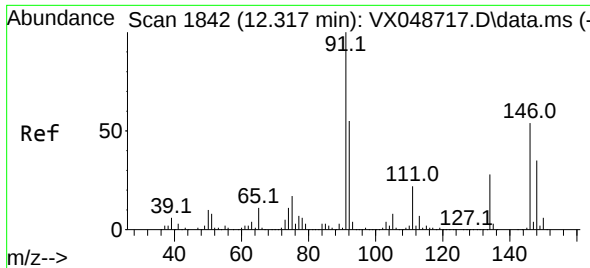
Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Tgt Ion:117 Resp: 69929

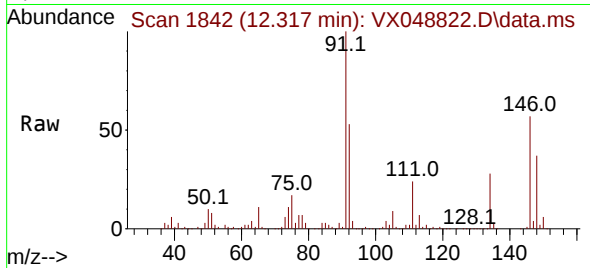
Ion	Ratio	Lower	Upper
117	100		
201	73.5	36.4	109.1





#91
1,2-Dichlorobenzene
Concen: 48.558 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

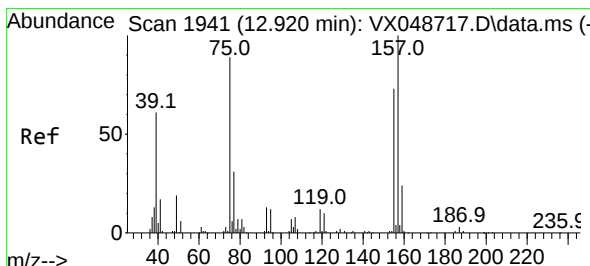
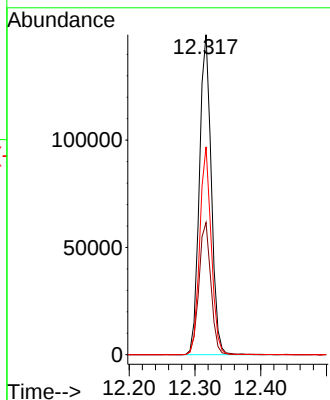
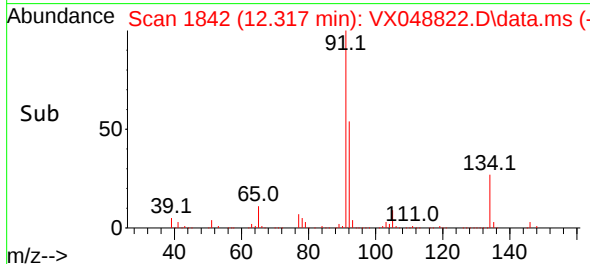
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



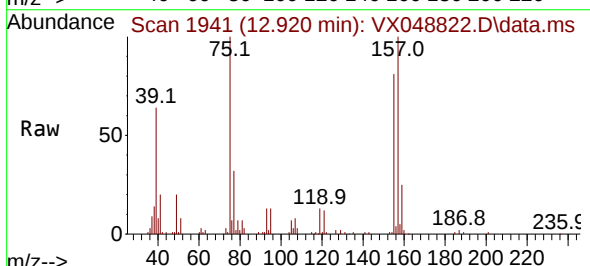
Tgt Ion:146 Resp: 18759
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.5
148 63.0 32.0 96.0

Manual Integrations
APPROVED

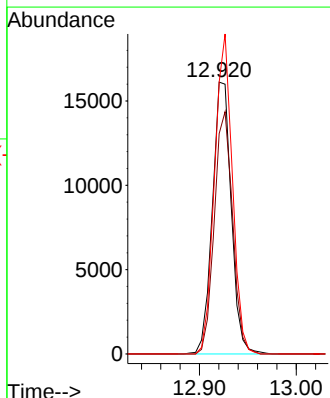
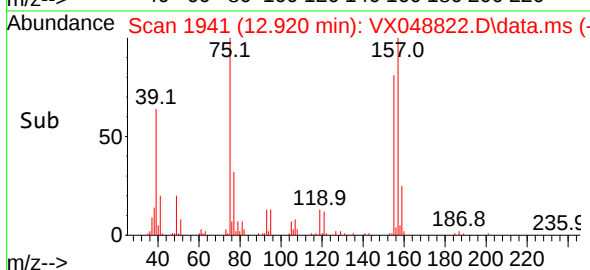
Reviewed By :John Carlone 12/12/2025
Supervised By :Mahesh Dadoda 12/12/2025

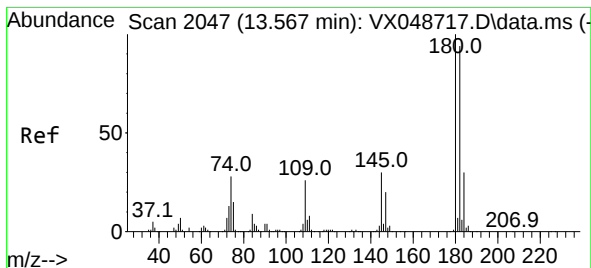


#92
1,2-Dibromo-3-Chloropropane
Concen: 32.845 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion: 75 Resp: 21843
Ion Ratio Lower Upper
75 100
155 86.4 43.0 129.2
157 110.8 56.0 168.2





#93

1,2,4-Trichlorobenzene

Concen: 47.978 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

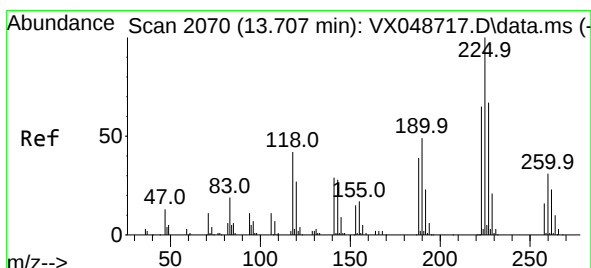
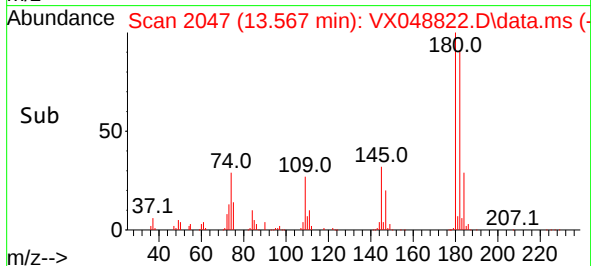
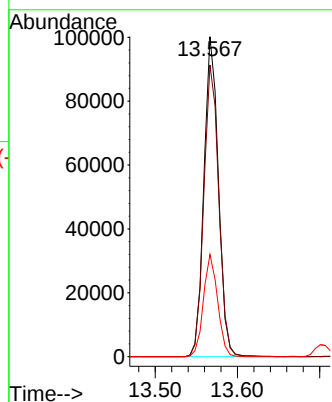
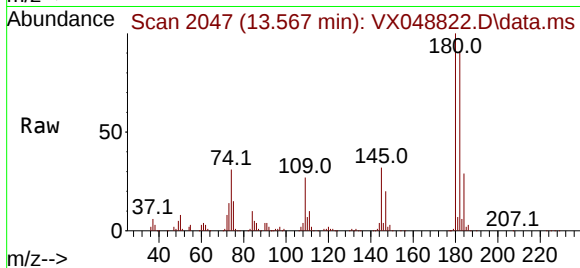
Tgt Ion:180	Resp: 12241
Ion Ratio	Lower Upper
180 100	
182 93.9	46.9 140.8
145 31.3	15.1 45.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2025

Supervised By :Mahesh Dadoda 12/12/2025



#94

Hexachlorobutadiene

Concen: 47.062 ug/l

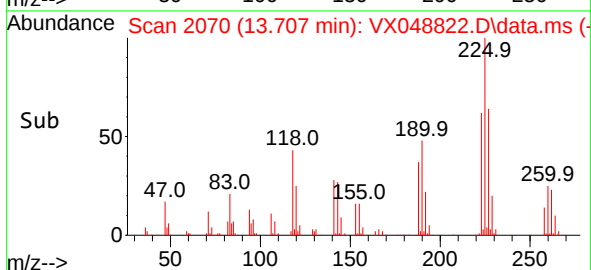
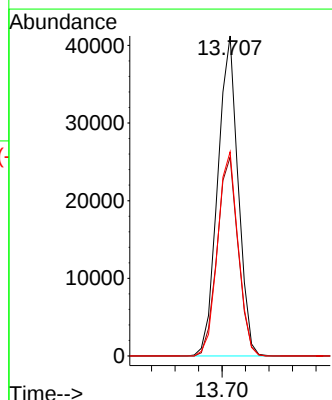
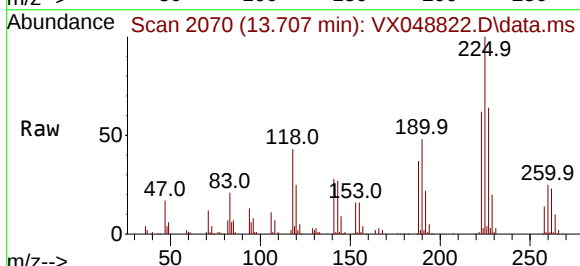
RT: 13.707 min Scan# 2070

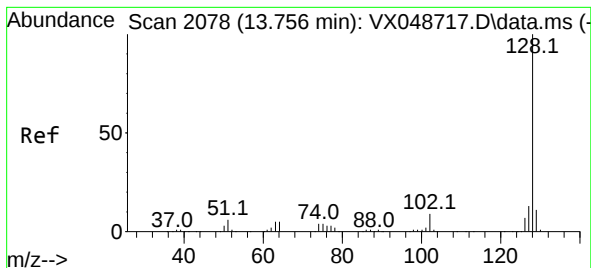
Delta R.T. -0.000 min

Lab File: VX048822.D

Acq: 11 Dec 2025 13:02

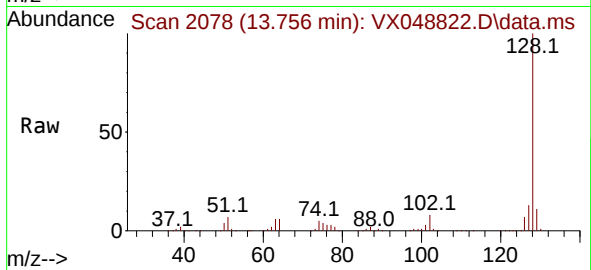
Tgt Ion:225	Resp: 49669
Ion Ratio	Lower Upper
225 100	
223 63.4	33.0 98.9
227 64.1	32.9 98.7





#95
Naphthalene
Concen: 46.219 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02

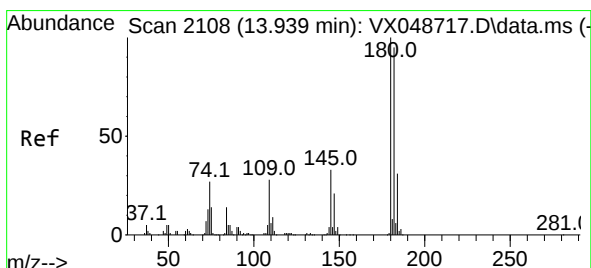
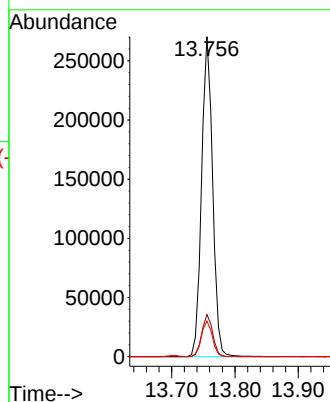
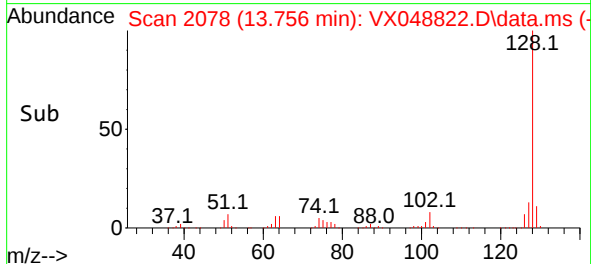
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



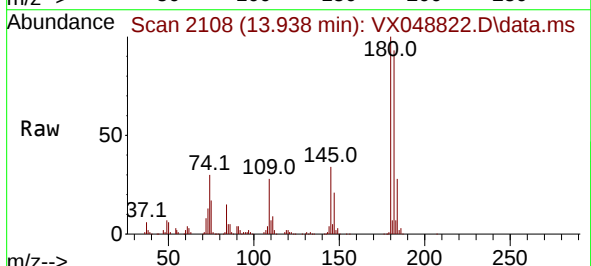
Tgt Ion:128 Resp: 32942
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.387 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048822.D
Acq: 11 Dec 2025 13:02



Tgt Ion:180 Resp: 113859
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.2
145 33.0 16.6 49.8

