

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023733.D
 Acq On : 11 Nov 2025 12:30
 Operator : SY/MD
 Sample : Q3593-05
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A-LAW-25-0167-0175-COMP

Quant Time: Nov 12 03:34:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	794508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1241903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	609136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	77364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	302682	45.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.120%
35) Dibromofluoromethane	7.640	113	372820	48.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.109	98	1112813	39.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.320%
62) 4-Bromofluorobenzene	12.408	95	151159	16.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	26886	54.396	ug/l #	86
16) Acetone	3.873	43	2006	1.268	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	56047	3.290	ug/l	100
20) Methylene Chloride	4.629	84	9544	1.116	ug/l	94
31) Cyclohexane	7.707	56	20587	1.863	ug/l #	31
36) 1,1-Dichloropropene	7.713	75	53733	5.319	ug/l #	48
38) Carbon Tetrachloride	7.713	117	73847	6.028	ug/l #	16
49) 1,4-Dioxane	8.994	88	71	1.370	ug/l #	30
52) Toluene	10.176	92	30816	1.483	ug/l	98
55) 1,1,2-Trichloroethane	10.554	97	6860	1.142	ug/l #	20
59) 2-Hexanone	10.737	43	4094	1.389	ug/l #	20
67) Ethyl Benzene	11.524	91	67812	3.162	ug/l	99
68) m/p-Xylenes	11.627	106	145244	16.886	ug/l	100
69) o-Xylene	11.957	106	46144	5.719	ug/l	99
73) Isopropylbenzene	12.255	105	10321	2.024	ug/l	88
74) N-amyl acetate	12.048	43	2123	2.318	ug/l #	50
76) 1,2,3-Trichloropropane	12.408	75	75260	110.262	ug/l #	100
77) Bromobenzene	12.542	156	1377	1.016	ug/l	88
78) n-propylbenzene	12.597	91	10954	1.857	ug/l	100
79) 2-Chlorotoluene	12.780	91	3654	1.058	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	13500	3.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.408	75	75260	270.383	ug/l #	15
82) 4-Chlorotoluene	12.780	91	3654	1.027	ug/l	92
84) 1,2,4-Trimethylbenzene	13.048	105	40458	9.840	ug/l	98
85) sec-Butylbenzene	13.176	105	9242	1.694	ug/l	87
86) p-Isopropyltoluene	13.237	119	4995	1.075	ug/l	87
87) 1,3-Dichlorobenzene	13.286	146	3010	1.140	ug/l #	63
88) 1,4-Dichlorobenzene	13.371	146	3258	1.250	ug/l #	33
89) n-Butylbenzene	13.621	91	7626	1.884	ug/l #	78
90) Hexachloroethane	13.889	117	1430	1.431	ug/l #	29
91) 1,2-Dichlorobenzene	13.658	146	2824	1.220	ug/l #	69
92) 1,2-Dibromo-3-Chloropr...	14.261	75	341	2.492	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.926	180	3845	2.665	ug/l #	15
94) Hexachlorobutadiene	15.023	225	1303	1.449	ug/l	94
95) Naphthalene	15.145	128	13182	5.738	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.352	180	9434	7.550	ug/l #	45

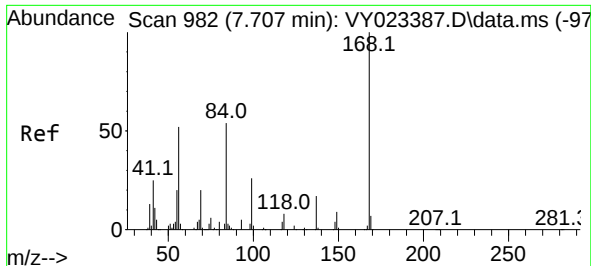
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
Data File : VY023733.D
Acq On : 11 Nov 2025 12:30
Operator : SY/MD
Sample : Q3593-05
Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

Quant Time: Nov 12 03:34:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

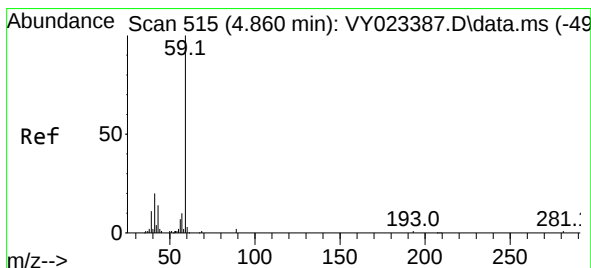
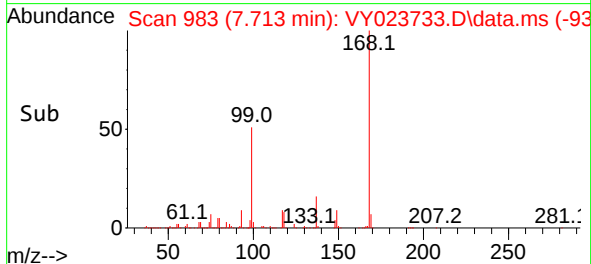
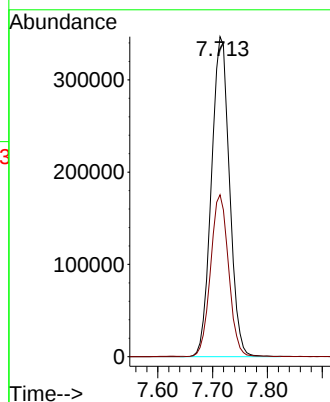
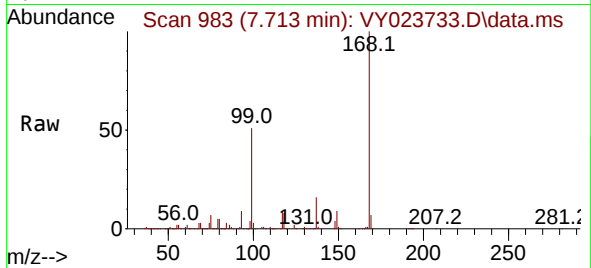
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

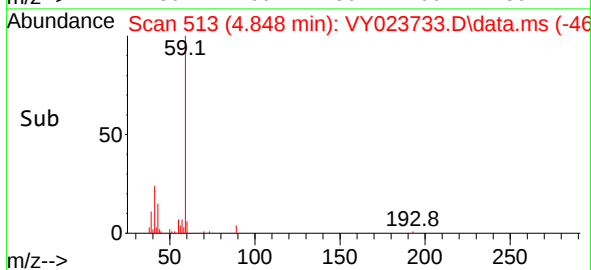
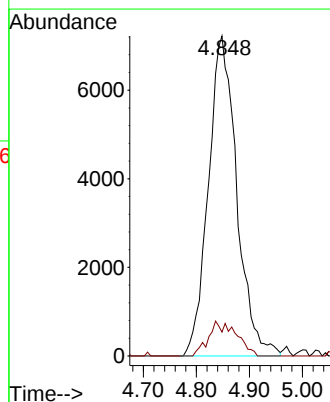
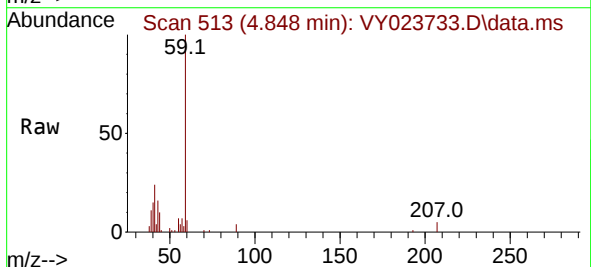
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

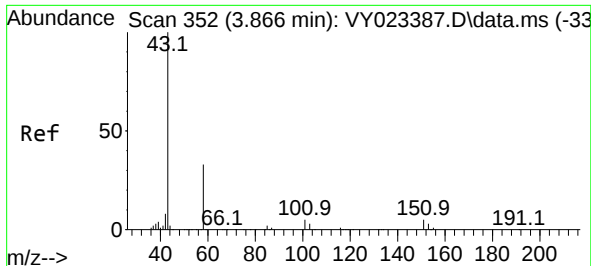
Tgt Ion:168 Resp: 794508
Ion Ratio Lower Upper
168 100
99 50.5 39.7 59.5



#11
Tert butyl alcohol
Concen: 54.396 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 59 Resp: 26886
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#





#16

Acetone

Concen: 1.268 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

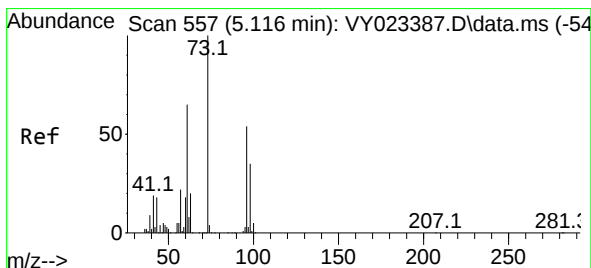
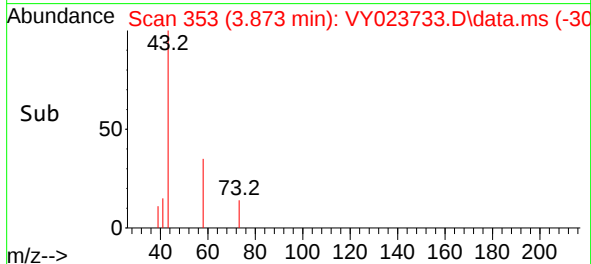
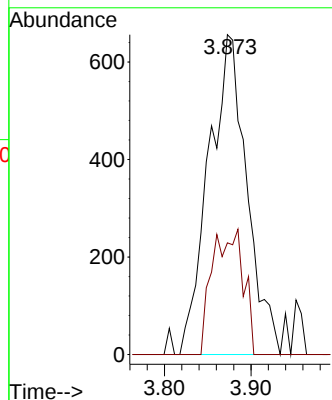
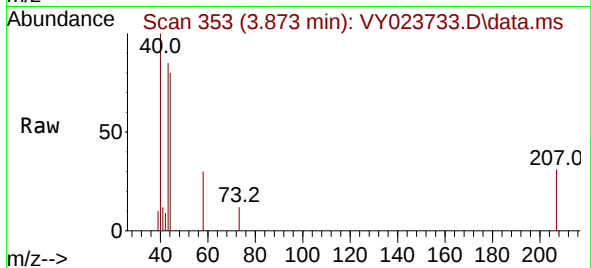
A-LAW-25-0167-0175-COMP

Tgt Ion: 43 Resp: 2006

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5



#19

Methyl tert-butyl Ether

Concen: 3.290 ug/l

RT: 5.116 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY023733.D

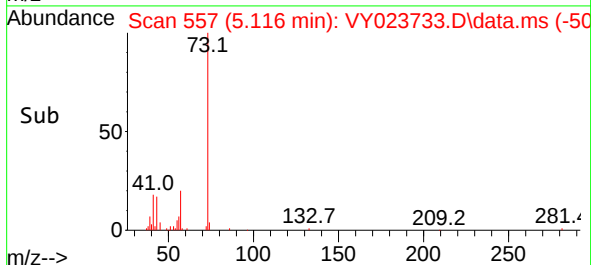
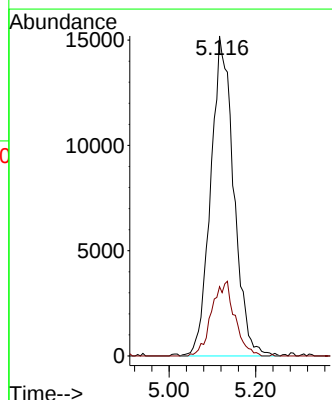
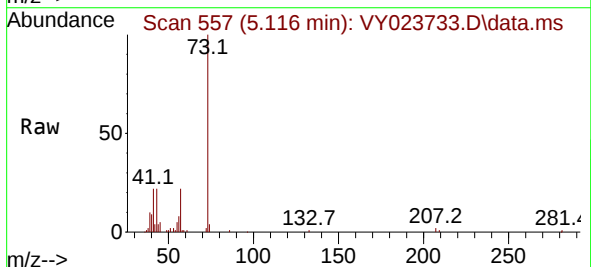
Acq: 11 Nov 2025 12:30

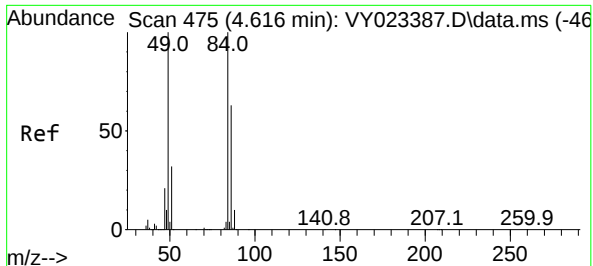
Tgt Ion: 73 Resp: 56047

Ion Ratio Lower Upper

73 100

57 21.6 17.4 26.0

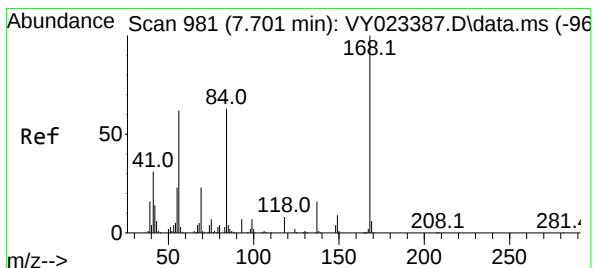
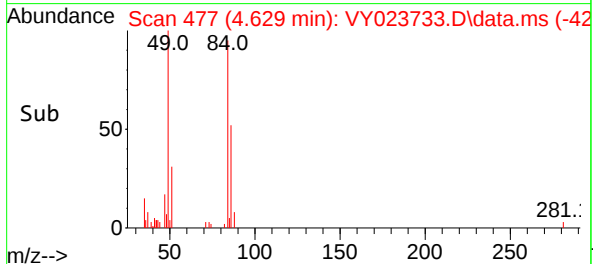
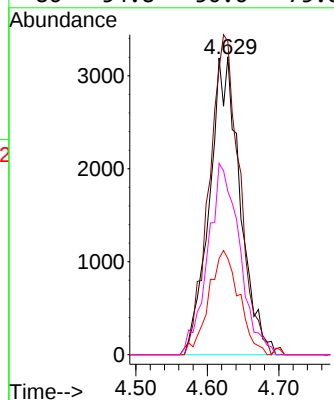
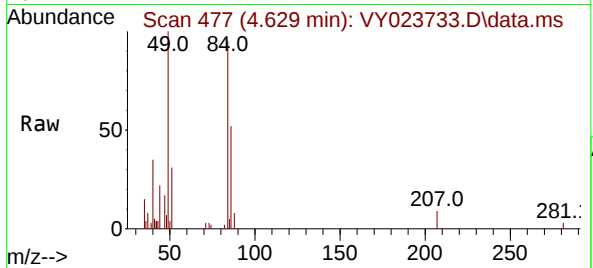




#20
Methylene Chloride
Concen: 1.116 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

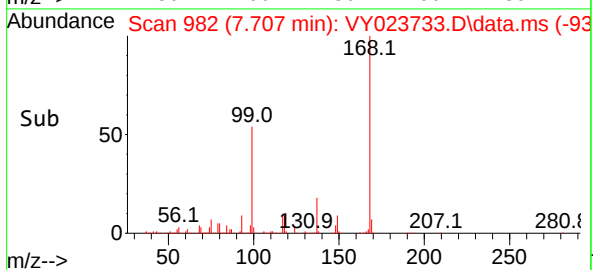
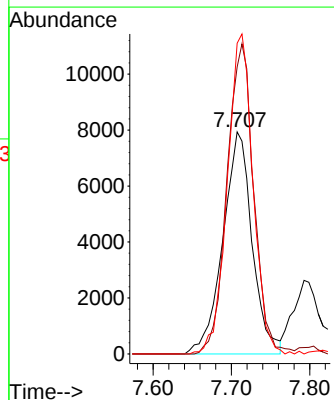
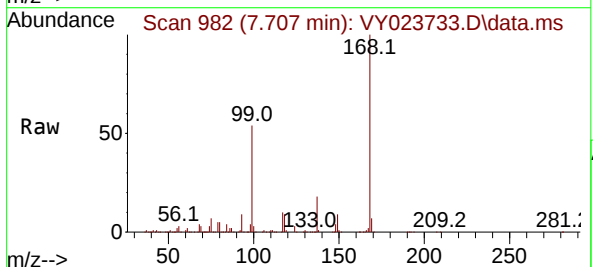
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

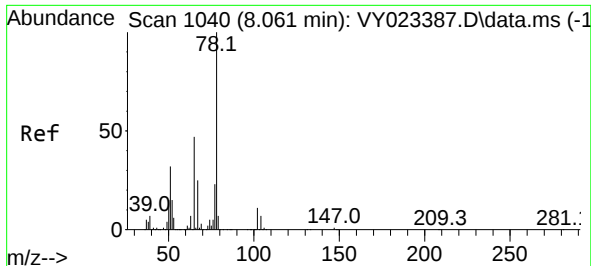
Tgt Ion:	84	Resp:	9544
Ion	Ratio	Lower	Upper
84	100		
49	105.1	80.2	120.4
51	32.2	25.9	38.9
86	54.8	50.6	75.8



#31
Cyclohexane
Concen: 1.863 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:	56	Resp:	20587
Ion	Ratio	Lower	Upper
56	100		
69	129.3	30.0	45.0#
84	139.9	81.2	121.8#





#33

1,2-Dichloroethane-d4

Concen: 45.559 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

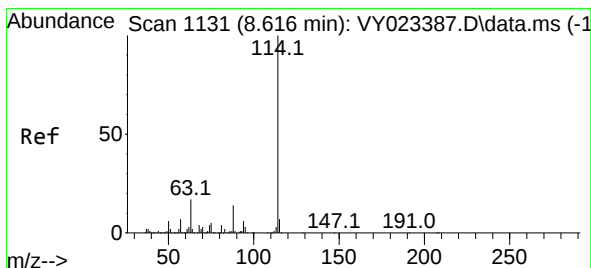
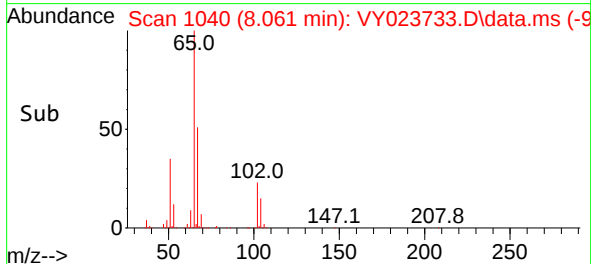
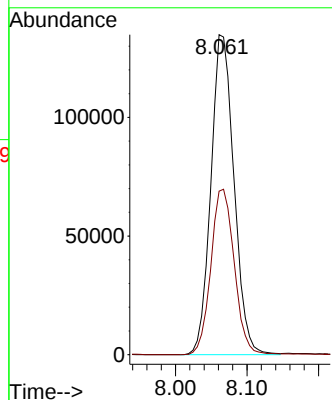
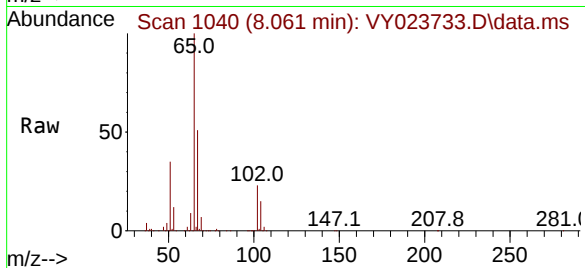
A-LAW-25-0167-0175-COMP

Tgt Ion: 65 Resp: 302682

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

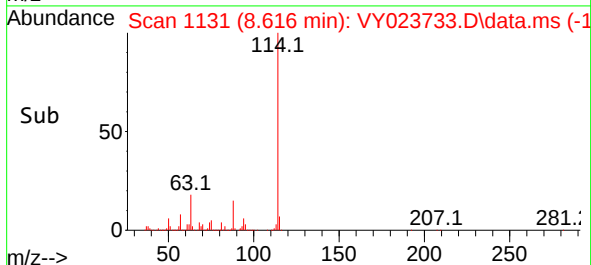
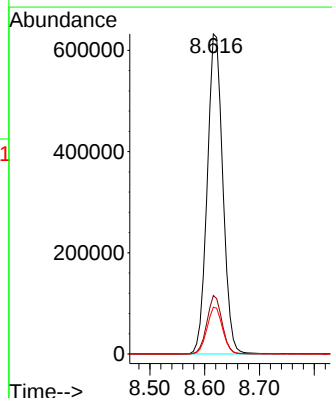
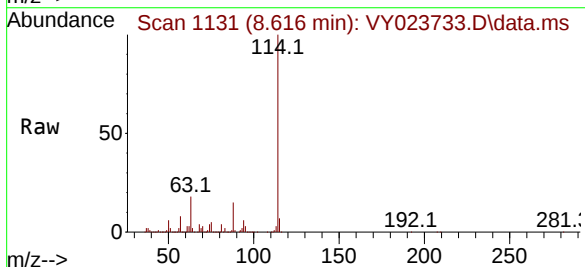
Tgt Ion: 114 Resp: 1241903

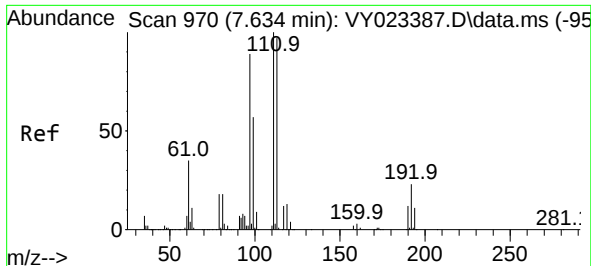
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.2

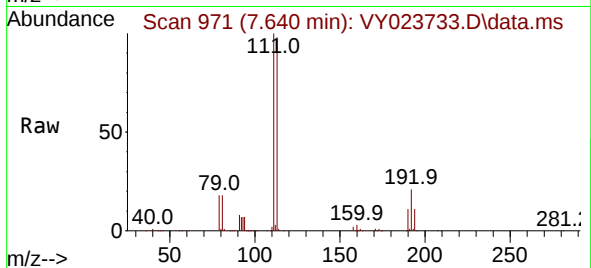
88 14.6 0.0 28.4



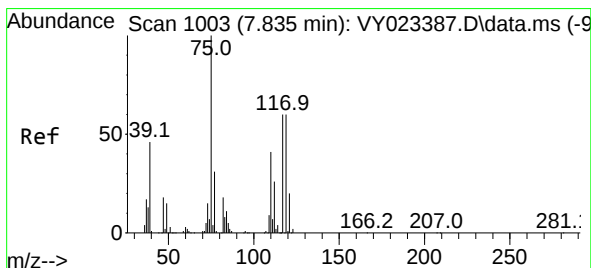
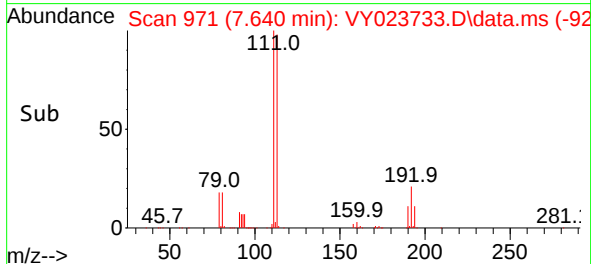
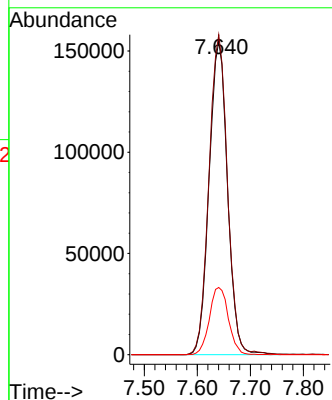


#35
Dibromofluoromethane
Concen: 48.857 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

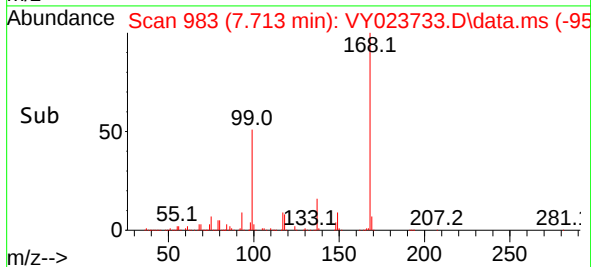
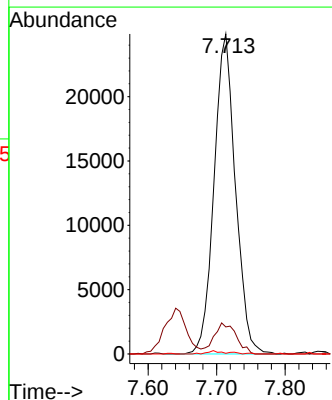
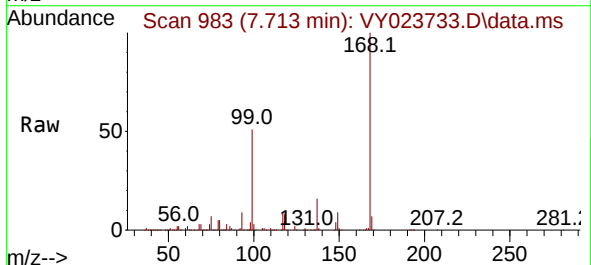


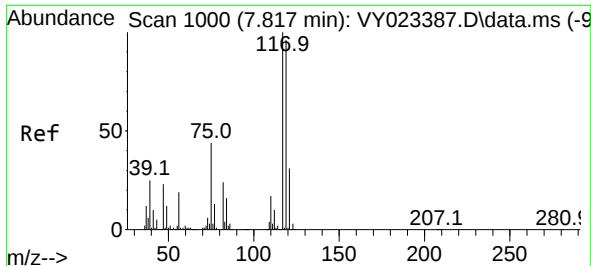
Tgt Ion:113 Resp: 372820
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 22.2 18.0 27.0



#36
1,1-Dichloropropene
Concen: 5.319 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 75 Resp: 53733
Ion Ratio Lower Upper
75 100
110 10.1 19.9 59.7#
77 0.2 25.0 37.6#

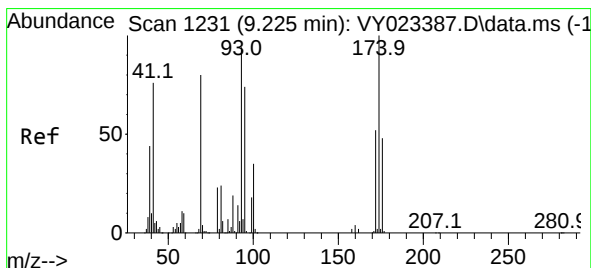
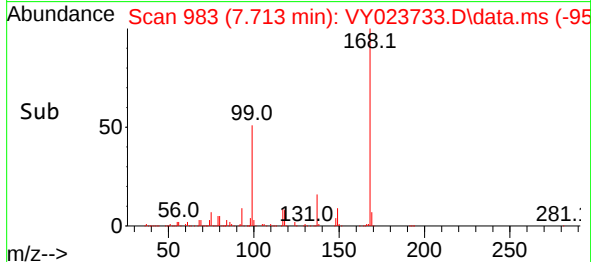
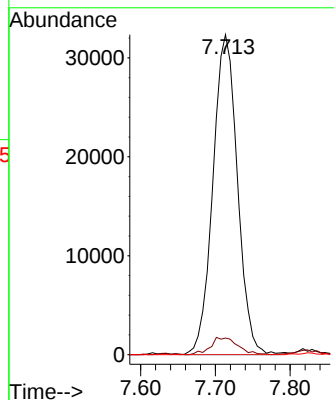
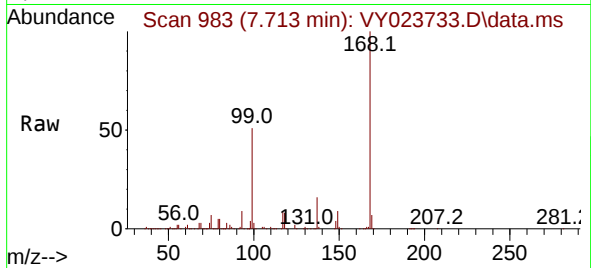




#38
Carbon Tetrachloride
Concen: 6.028 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

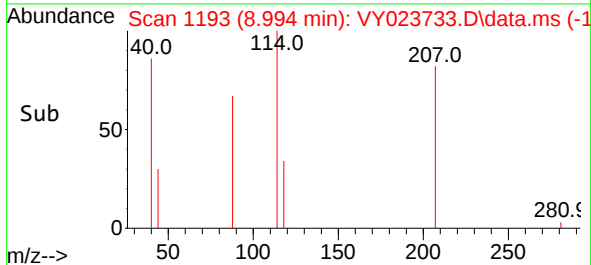
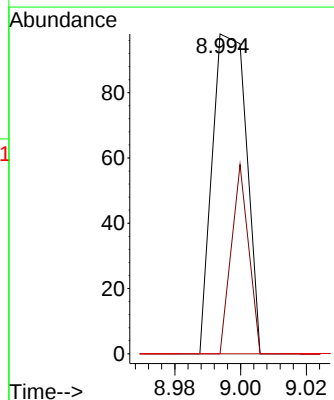
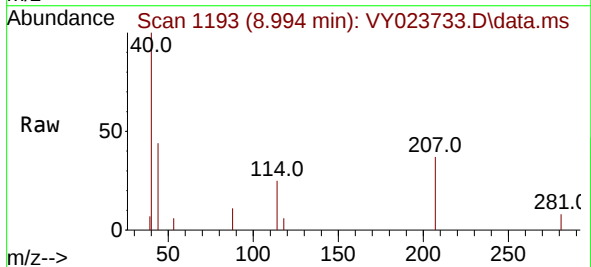
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

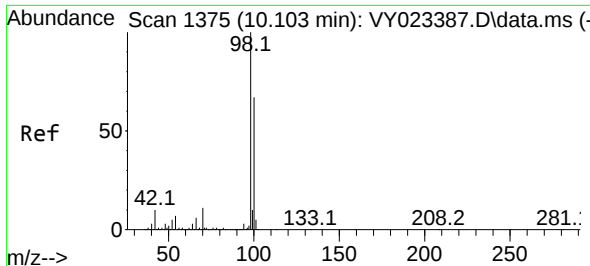
Tgt Ion:117 Resp: 73847
Ion Ratio Lower Upper
117 100
119 5.0 76.8 115.2#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.370 ug/l
RT: 8.994 min Scan# 1193
Delta R.T. -0.232 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 0.0 21.8 32.8#
58 0.0 46.8 70.2#

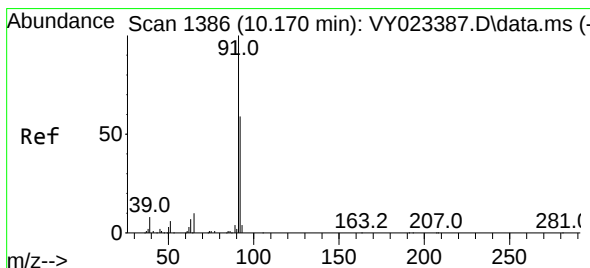
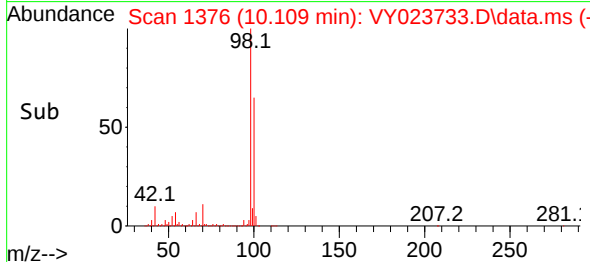
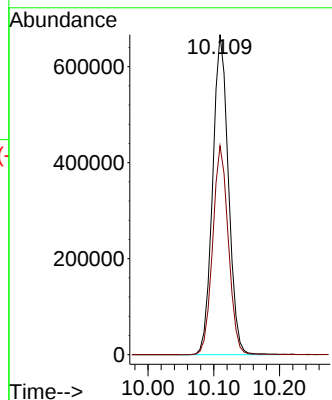
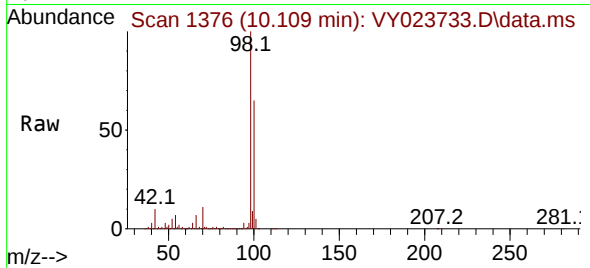




#50
Toluene-d8
Concen: 39.158 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

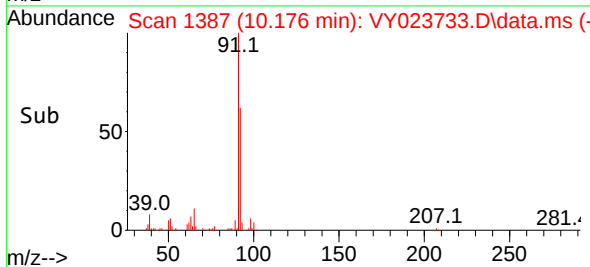
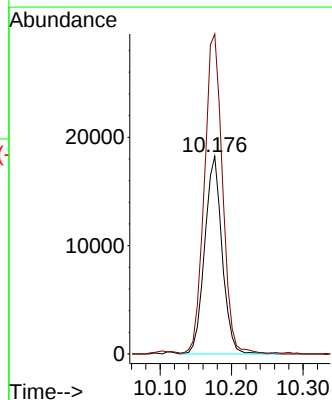
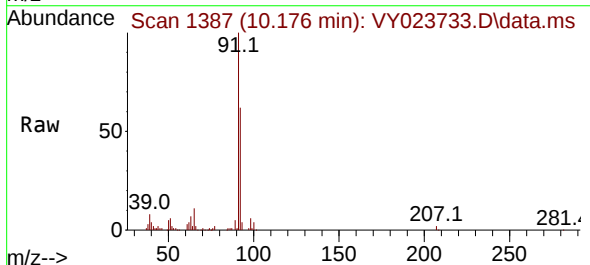
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

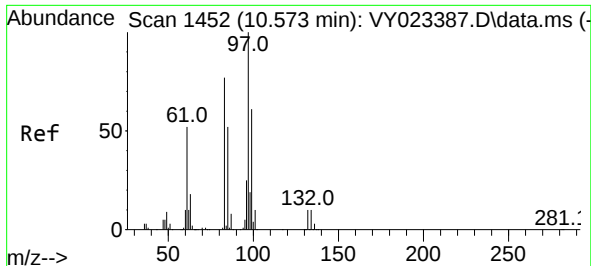
Tgt Ion: 98 Resp: 1112813
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#52
Toluene
Concen: 1.483 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 92 Resp: 30816
Ion Ratio Lower Upper
92 100
91 167.3 136.4 204.6

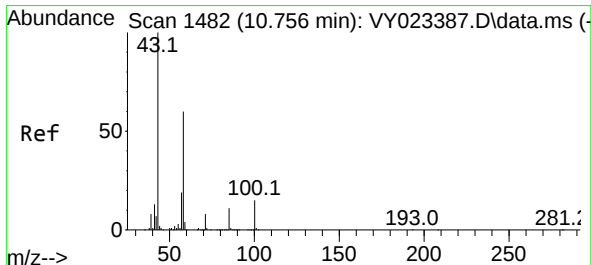
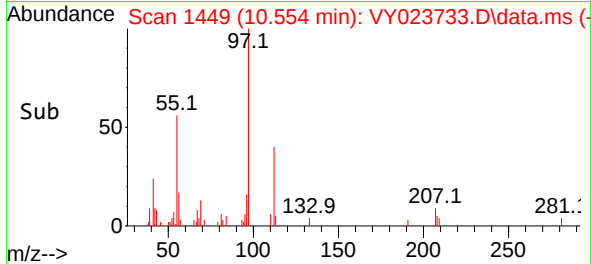
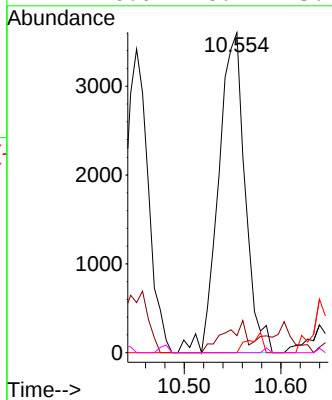
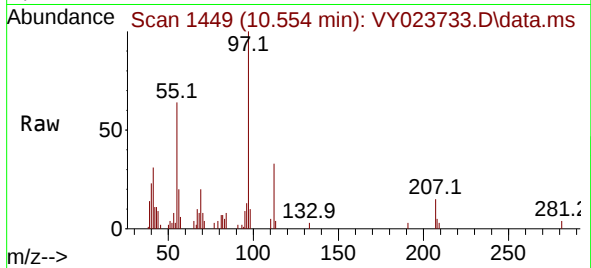




#55
1,1,2-Trichloroethane
Concen: 1.142 ug/l
RT: 10.554 min Scan# 1449
Delta R.T. -0.018 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

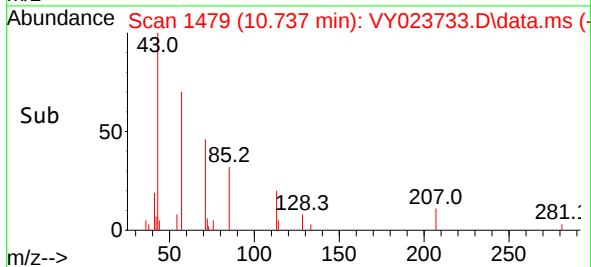
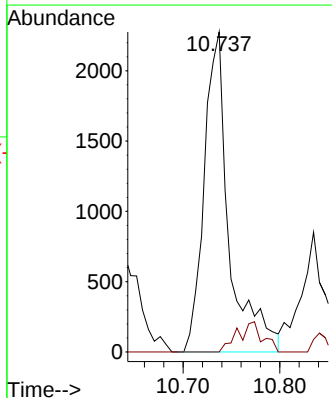
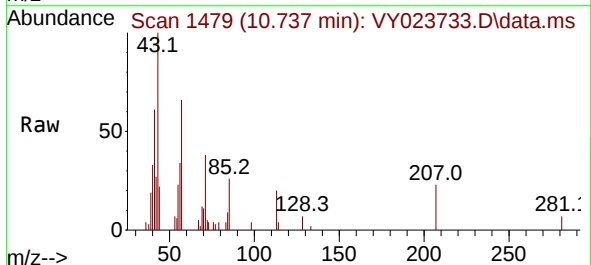
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

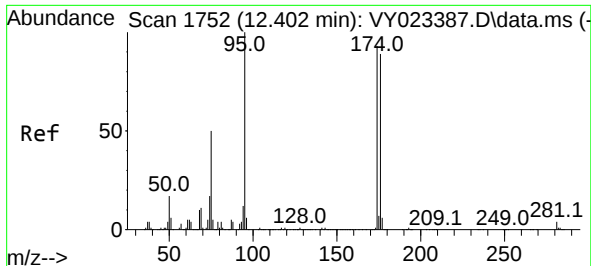
Tgt Ion:	97	Resp:	6860
Ion	Ratio	Lower	Upper
97	100		
83	5.3	61.8	92.6#
85	0.0	41.3	61.9#
99	0.0	48.7	73.1#



#59
2-Hexanone
Concen: 1.389 ug/l
RT: 10.737 min Scan# 1479
Delta R.T. -0.018 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:	43	Resp:	4094
Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.5	91.5#

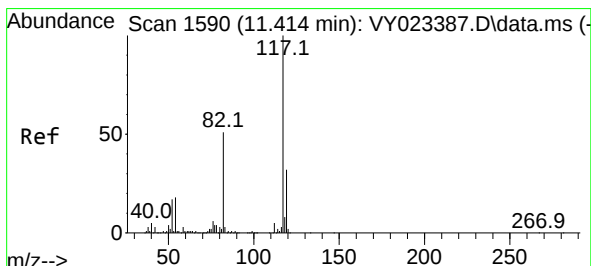
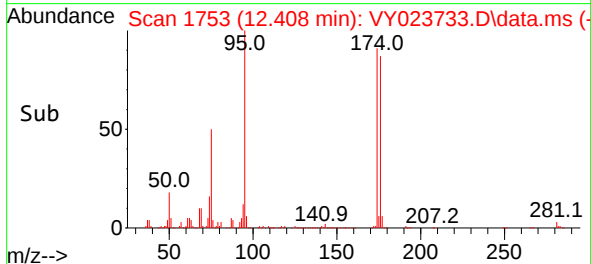
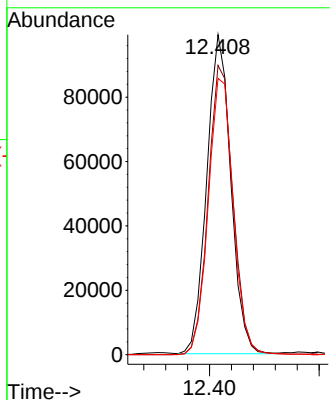
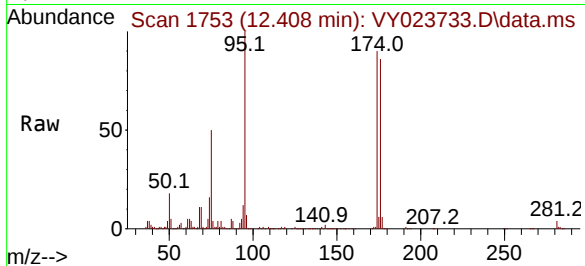




#62
4-Bromofluorobenzene
Concen: 16.111 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

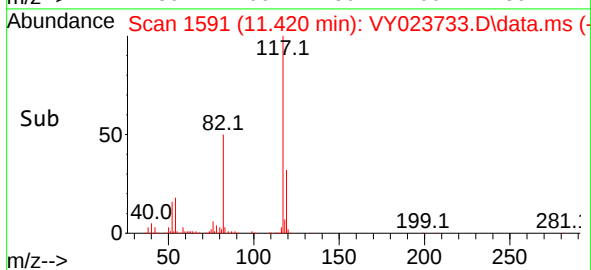
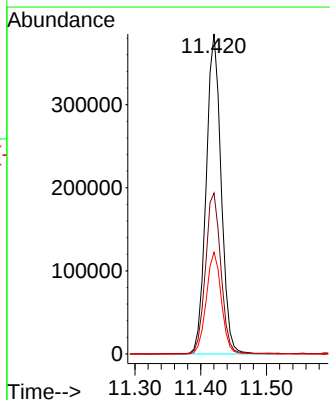
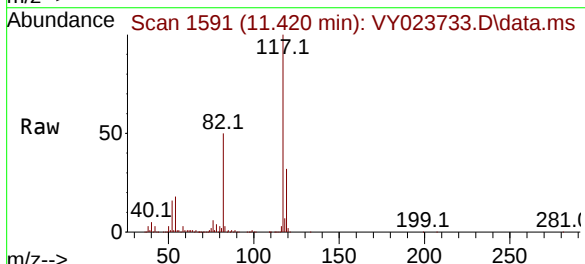
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

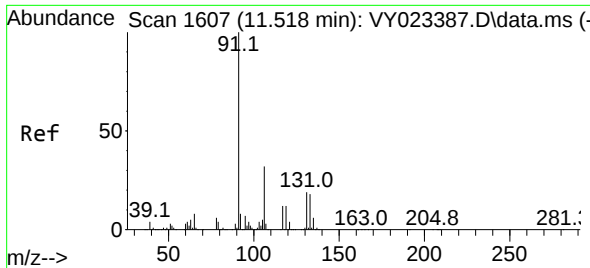
Tgt Ion: 95 Resp: 151159
Ion Ratio Lower Upper
95 100
174 93.5 0.0 192.8
176 90.3 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 117 Resp: 609136
Ion Ratio Lower Upper
117 100
82 50.2 41.0 61.4
119 31.8 25.6 38.4

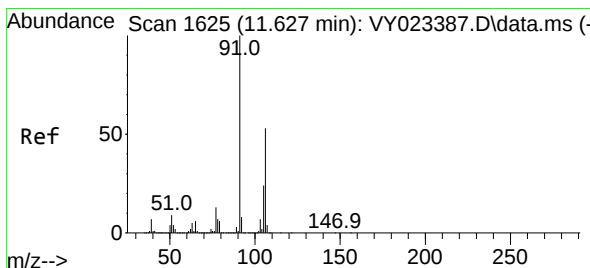
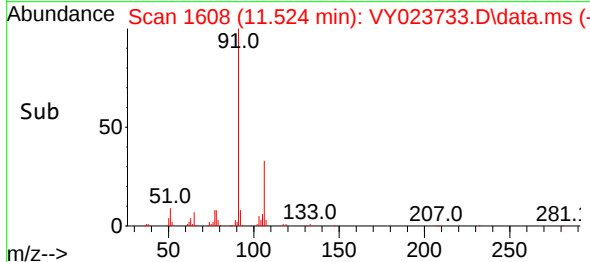
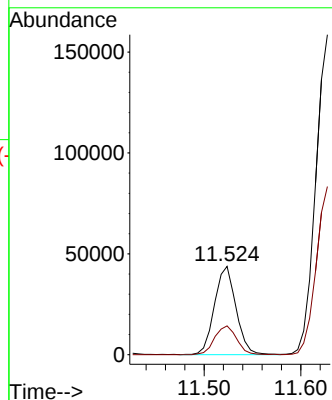
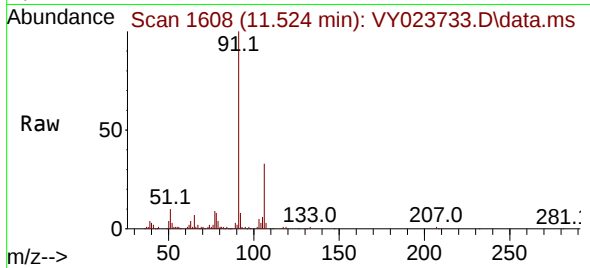




#67
Ethyl Benzene
Concen: 3.162 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

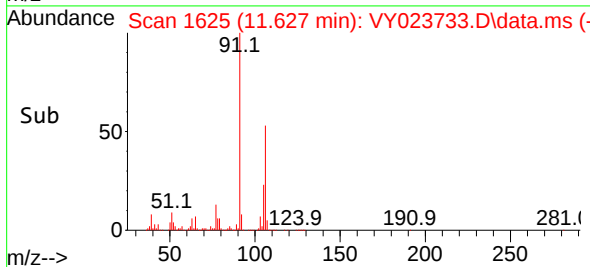
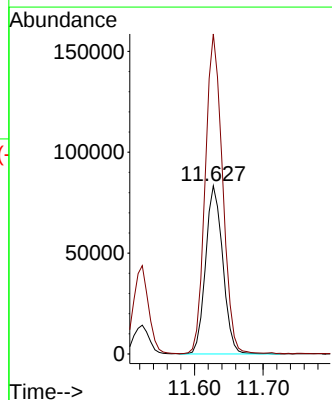
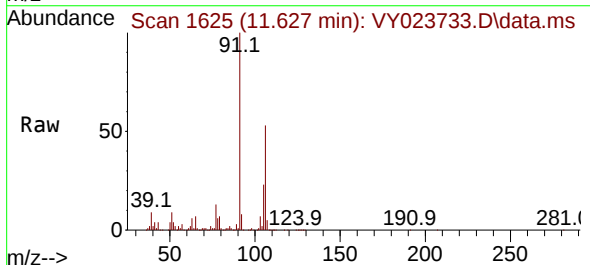
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

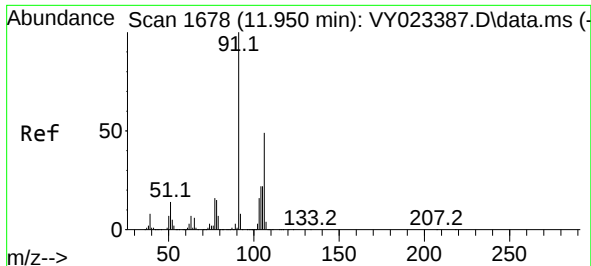
Tgt Ion: 91 Resp: 67812
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8



#68
m/p-Xylenes
Concen: 16.886 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:106 Resp: 145244
Ion Ratio Lower Upper
106 100
91 191.2 152.6 229.0

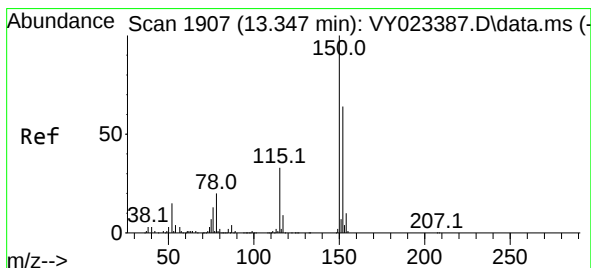
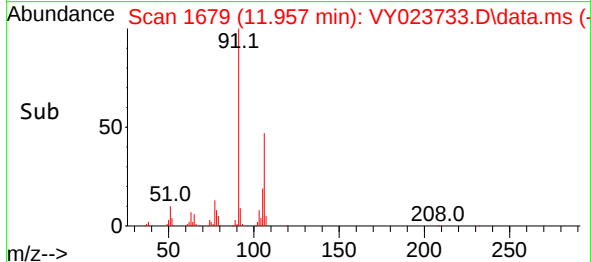
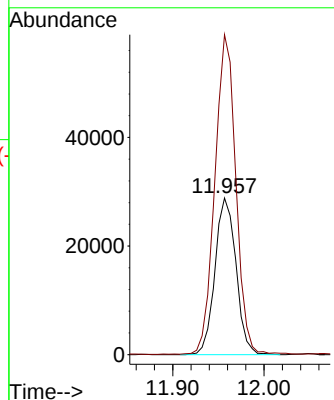
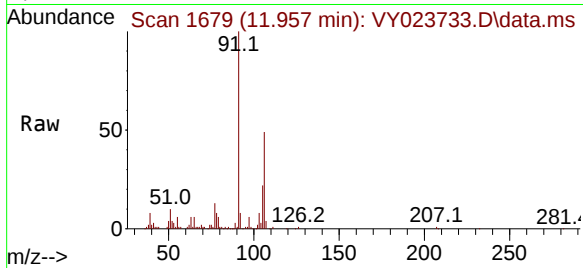




#69
o-Xylene
Concen: 5.719 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

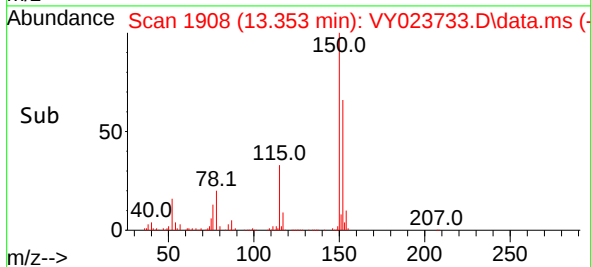
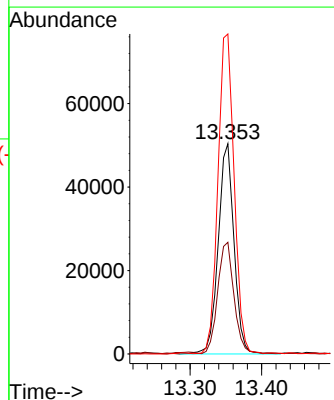
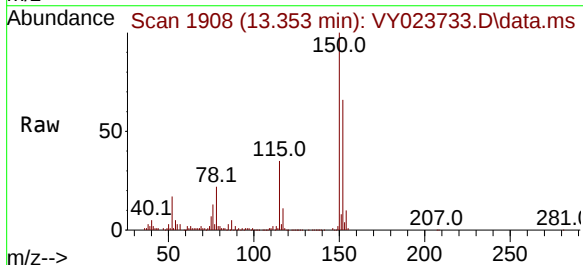
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

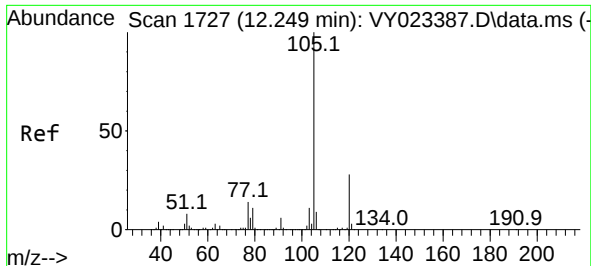
Tgt Ion:106 Resp: 46144
Ion Ratio Lower Upper
106 100
91 203.9 101.4 304.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:152 Resp: 77364
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.2
150 155.3 0.0 347.4

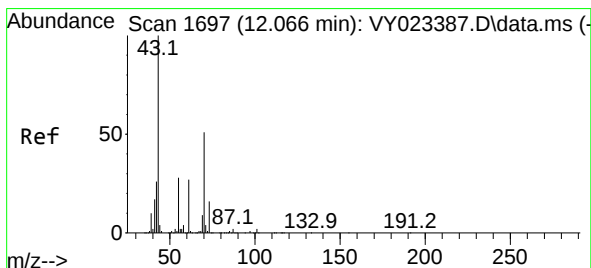
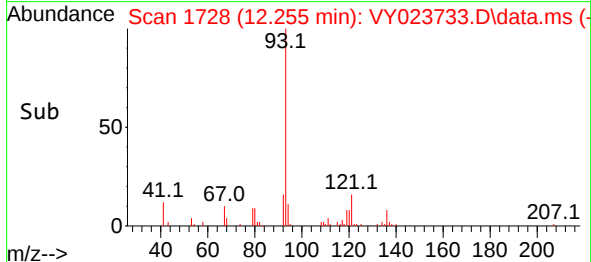
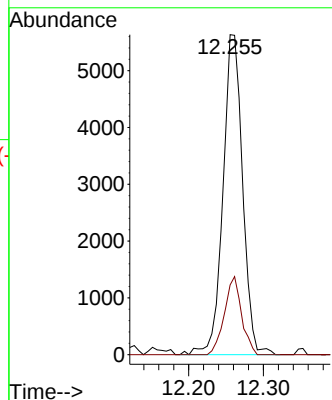
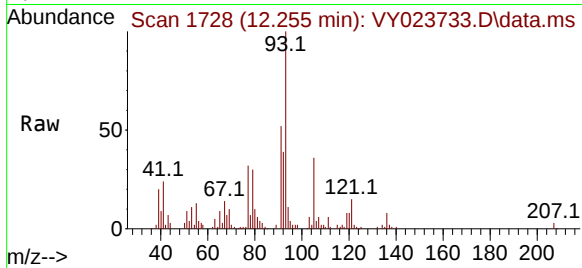




#73
Isopropylbenzene
Concen: 2.024 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

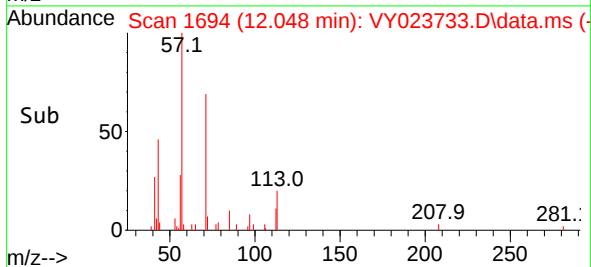
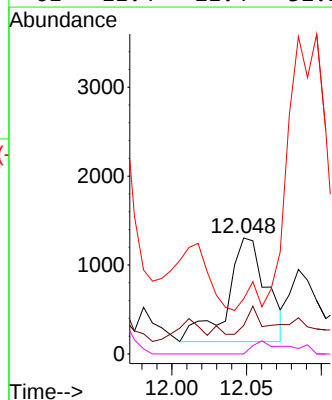
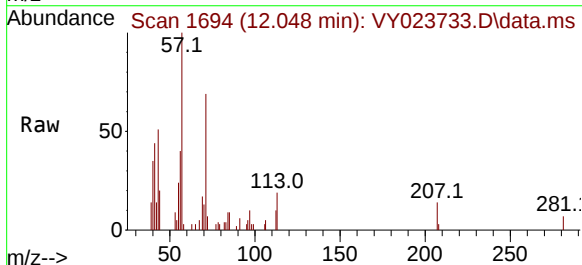
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

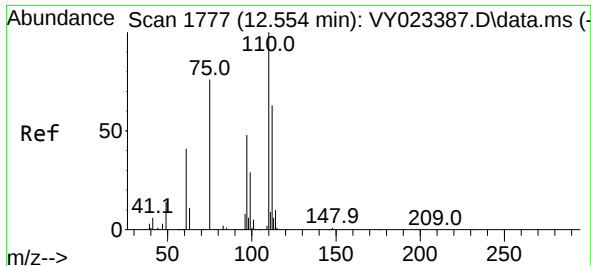
Tgt Ion:105 Resp: 10321
Ion Ratio Lower Upper
105 100
120 21.3 13.9 41.7



#74
N-ethyl acetate
Concen: 2.318 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.018 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
70 10.5 41.1 61.7#
55 0.0 23.0 34.6#
61 11.4 21.4 32.2#

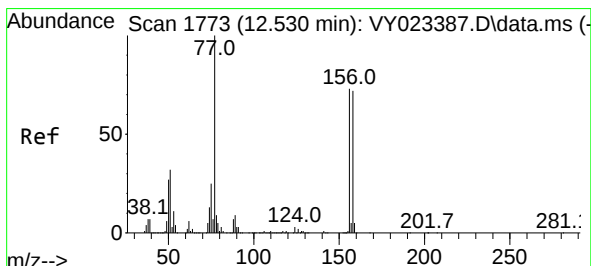
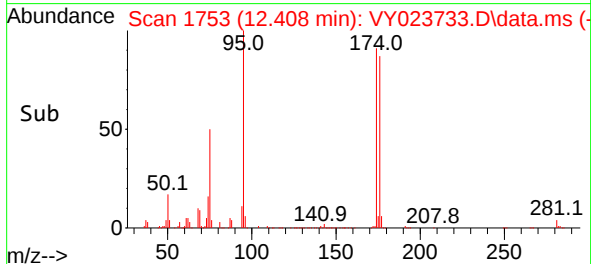
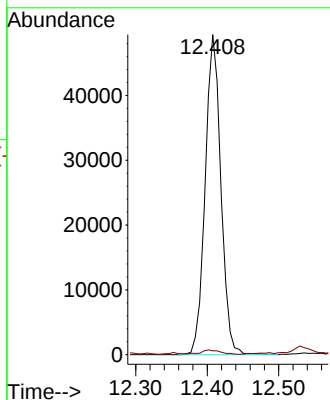
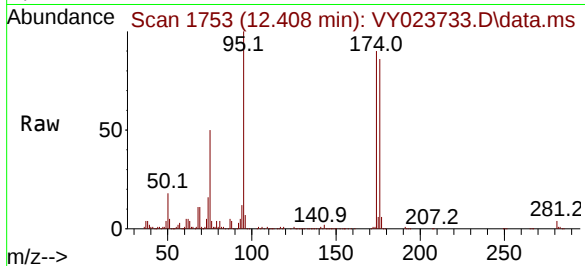




#76
1,2,3-Trichloropropane
Concen: 110.262 ug/l
RT: 12.408 min Scan# 1775
Delta R.T. -0.146 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

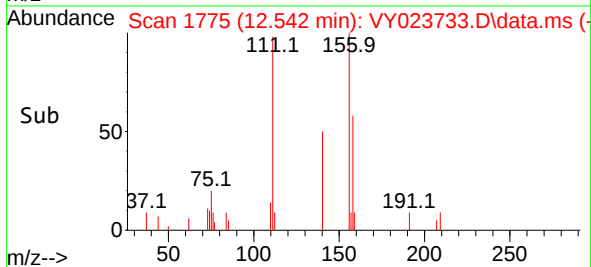
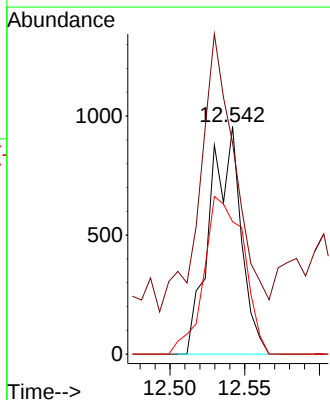
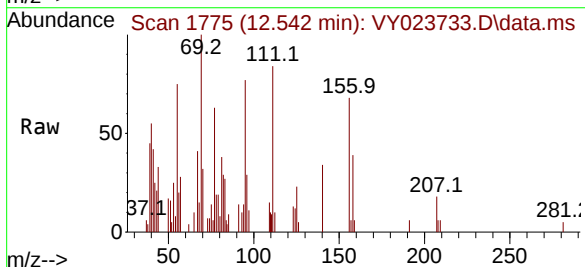
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

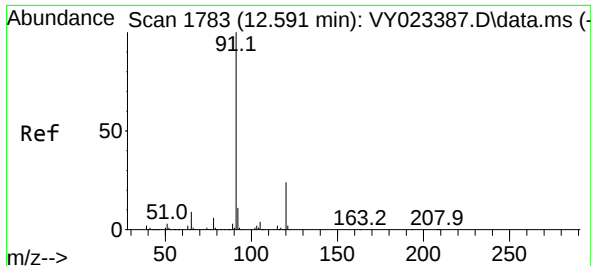
Tgt Ion: 75 Resp: 75260
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#77
Bromobenzene
Concen: 1.016 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.012 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 156 Resp: 1377
Ion Ratio Lower Upper
156 100
77 136.8 76.8 230.5
158 88.8 49.0 147.2

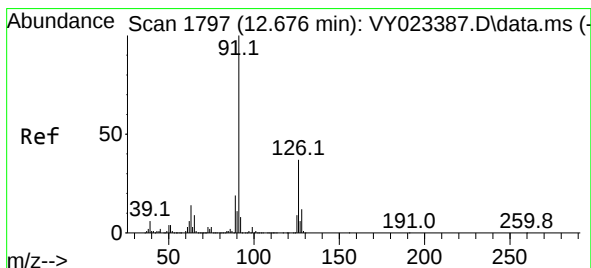
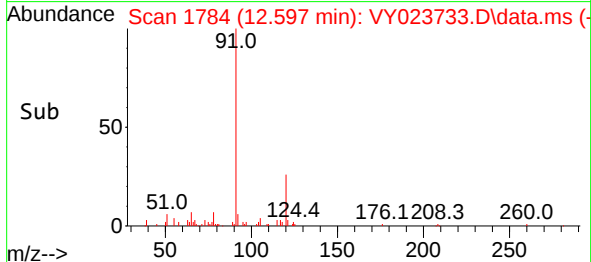
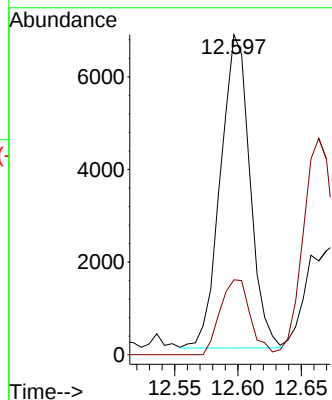
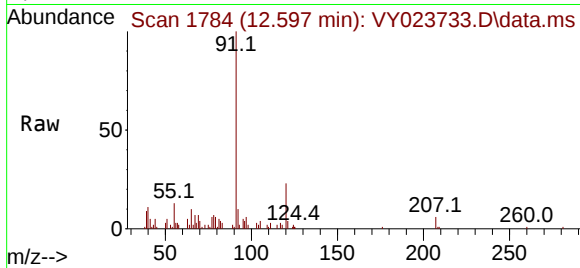




#78
n-propylbenzene
Concen: 1.857 ug/l
RT: 12.597 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

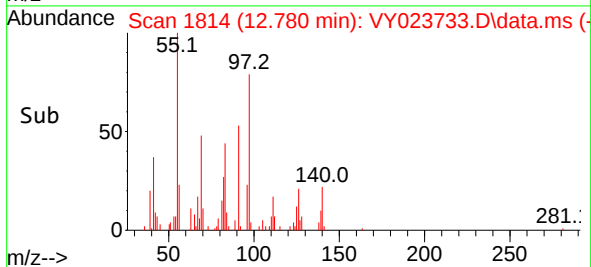
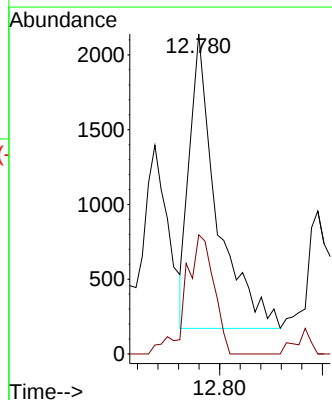
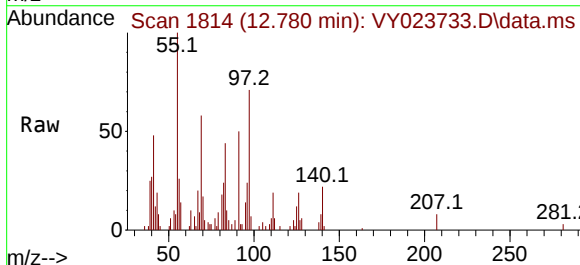
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

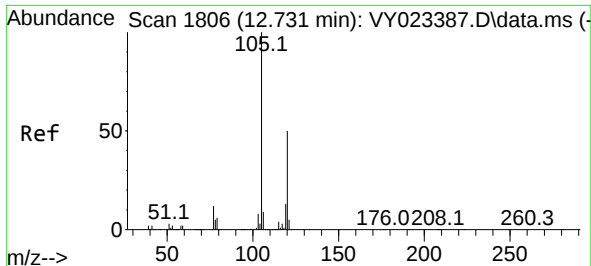
Tgt Ion: 91 Resp: 10954
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8



#79
2-Chlorotoluene
Concen: 1.058 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.104 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion: 91 Resp: 3654
Ion Ratio Lower Upper
91 100
126 41.4 18.5 55.5

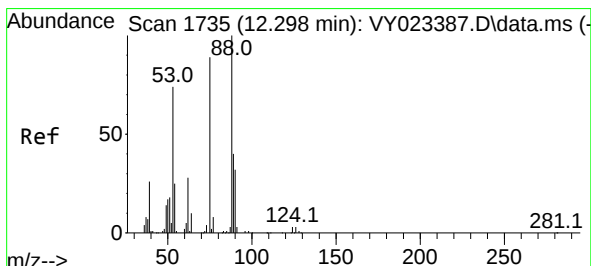
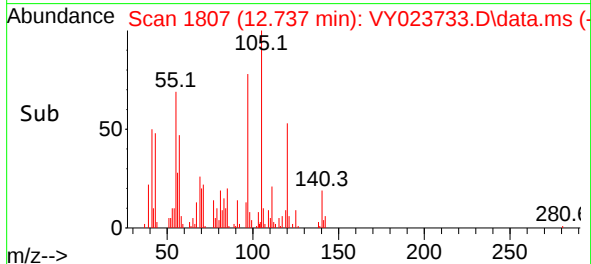
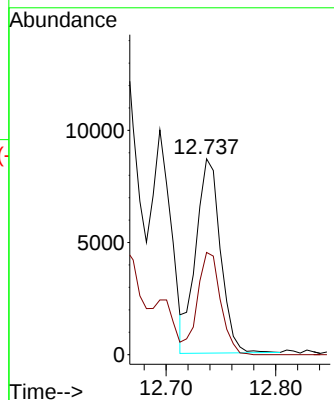
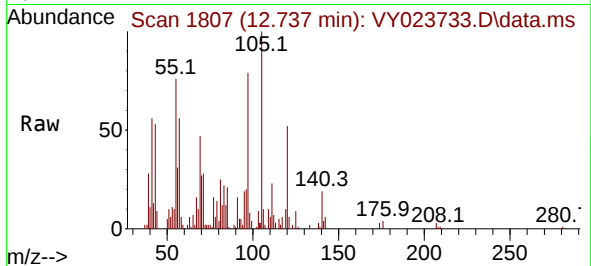




#80
 1,3,5-Trimethylbenzene
 Concen: 3.277 ug/l
 RT: 12.737 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023733.D
 Acq: 11 Nov 2025 12:30

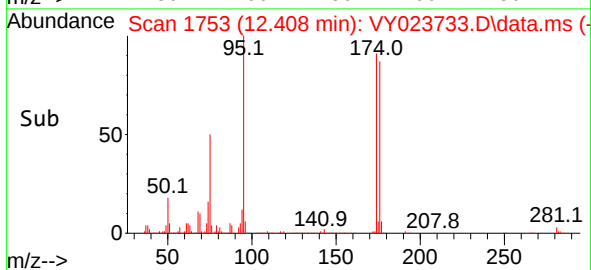
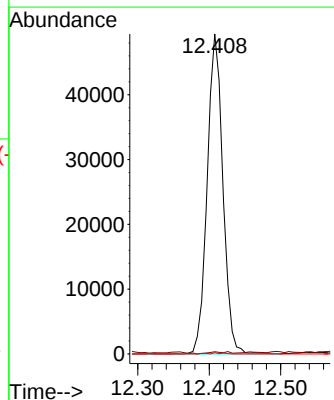
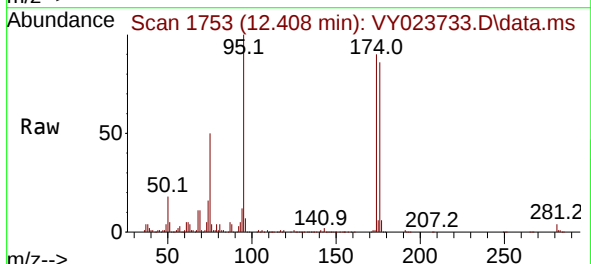
Instrument :
 MSVOA_Y
 ClientSampleId :
 A-LAW-25-0167-0175-COMP

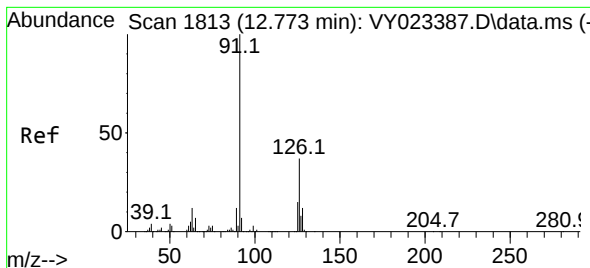
Tgt Ion:105 Resp: 13500
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.4 76.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 270.383 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. 0.110 min
 Lab File: VY023733.D
 Acq: 11 Nov 2025 12:30

Tgt Ion: 75 Resp: 75260
 Ion Ratio Lower Upper
 75 100
 53 0.6 68.6 102.8#
 89 0.3 39.0 58.4#





#82

4-Chlorotoluene

Concen: 1.027 ug/l

RT: 12.780 min Scan# 1813

Delta R.T. 0.006 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

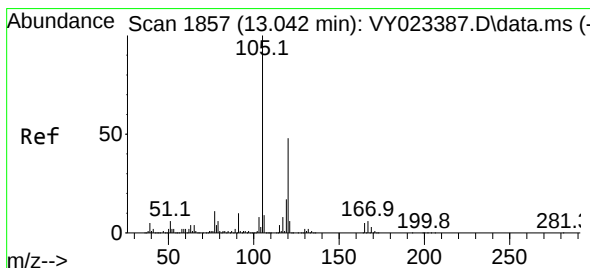
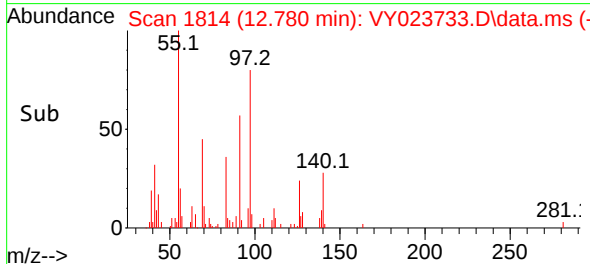
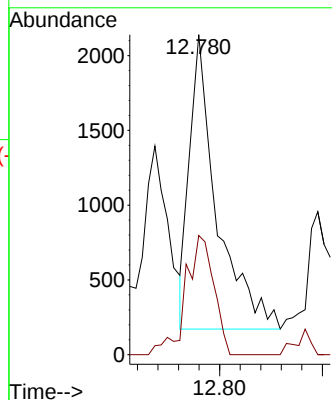
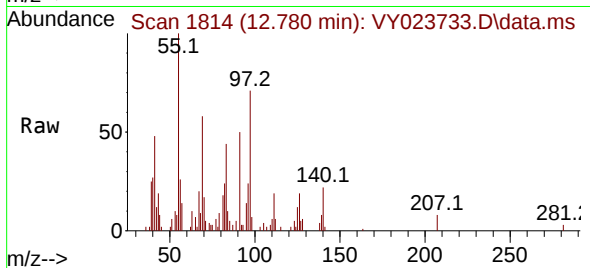
A-LAW-25-0167-0175-COMP

Tgt Ion: 91 Resp: 3654

Ion Ratio Lower Upper

91 100

126 41.4 18.4 55.4



#84

1,2,4-Trimethylbenzene

Concen: 9.840 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023733.D

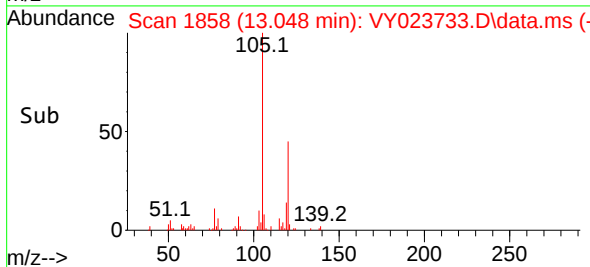
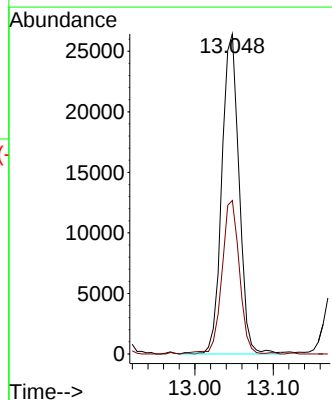
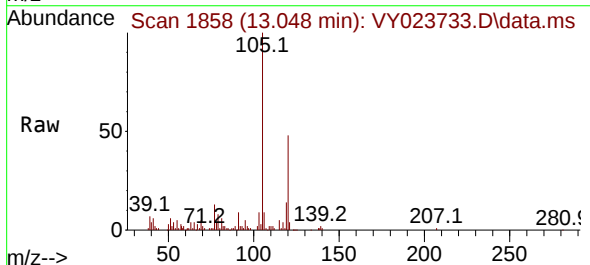
Acq: 11 Nov 2025 12:30

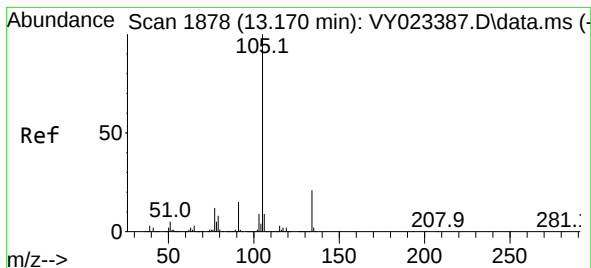
Tgt Ion: 105 Resp: 40458

Ion Ratio Lower Upper

105 100

120 48.7 23.8 71.2





#85

sec-Butylbenzene

Concen: 1.694 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

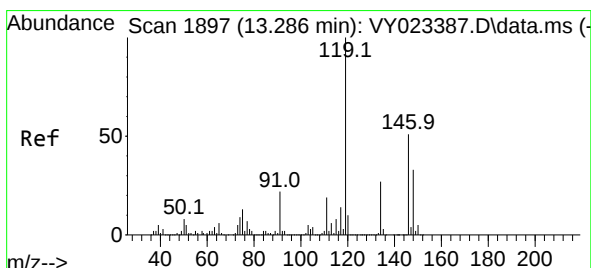
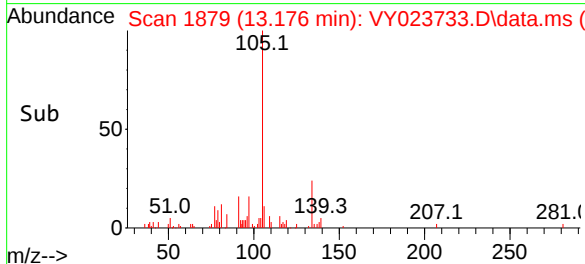
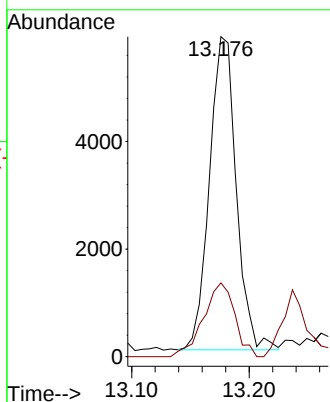
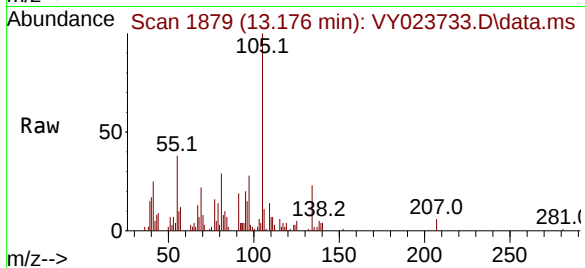
A-LAW-25-0167-0175-COMP

Tgt Ion:105 Resp: 9242

Ion Ratio Lower Upper

105 100

134 27.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 1.075 ug/l

RT: 13.237 min Scan# 1889

Delta R.T. -0.049 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

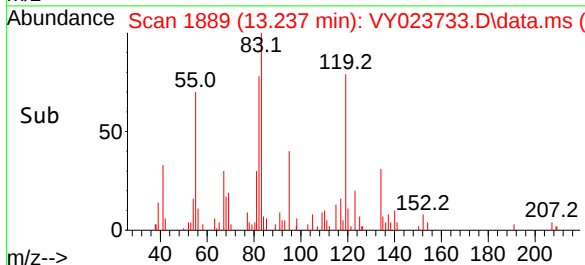
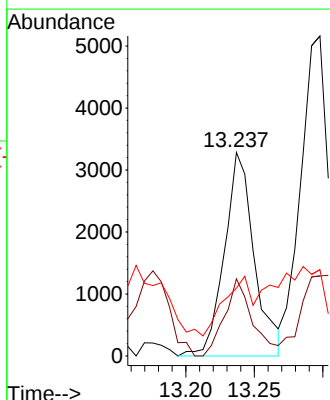
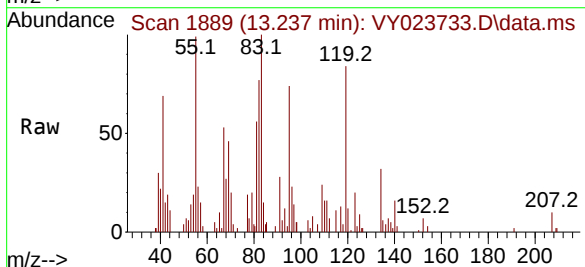
Tgt Ion:119 Resp: 4995

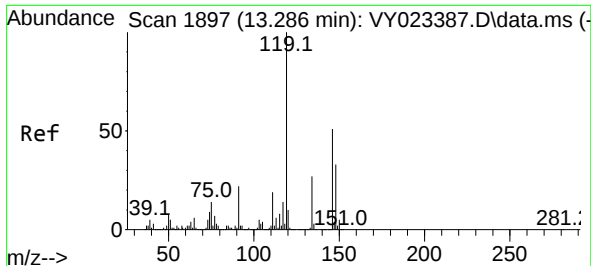
Ion Ratio Lower Upper

119 100

134 35.3 13.6 40.7

91 26.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 1.140 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

A-LAW-25-0167-0175-COMP

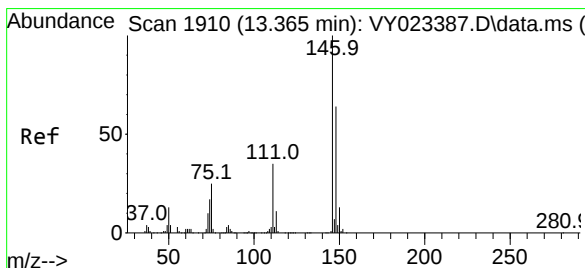
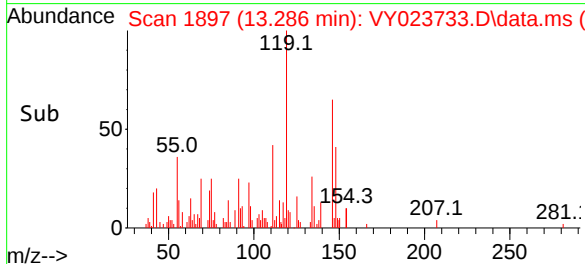
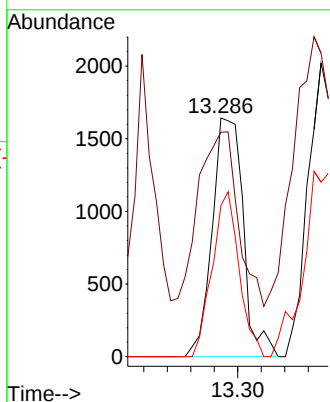
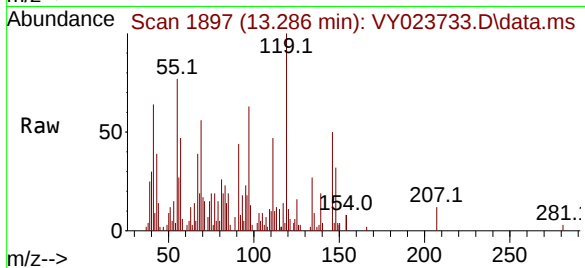
Tgt Ion:146 Resp: 3010

Ion Ratio Lower Upper

146 100

111 92.8 18.7 56.1#

148 60.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.250 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

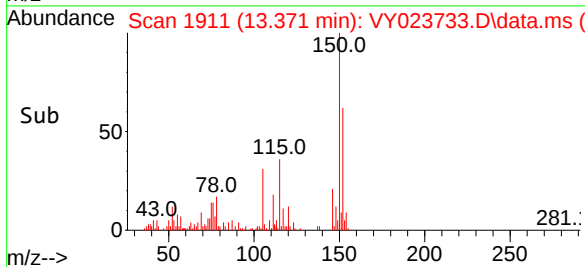
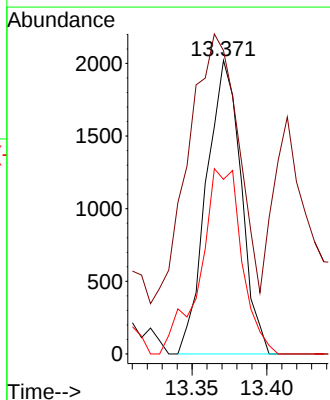
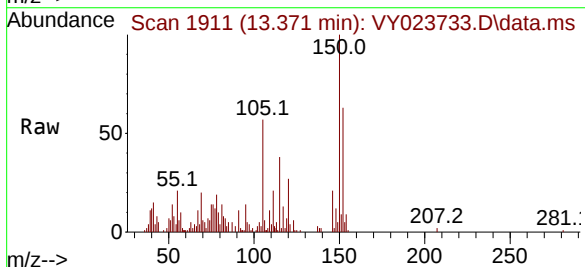
Tgt Ion:146 Resp: 3258

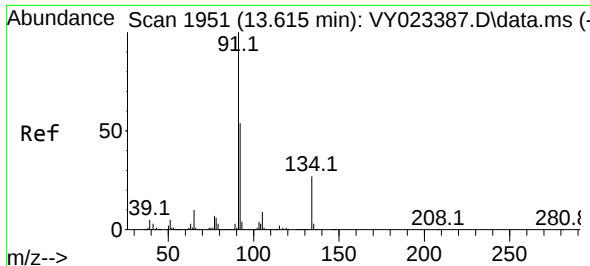
Ion Ratio Lower Upper

146 100

111 130.4 18.0 54.0#

148 75.2 31.9 95.7

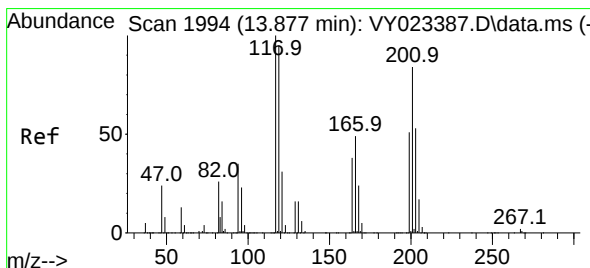
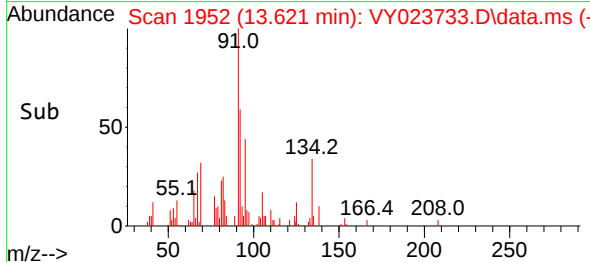
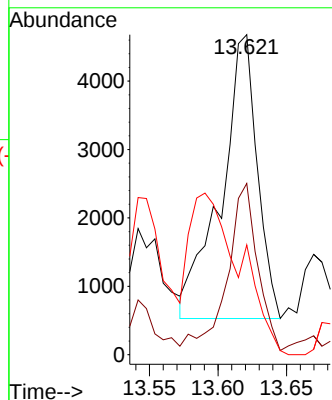
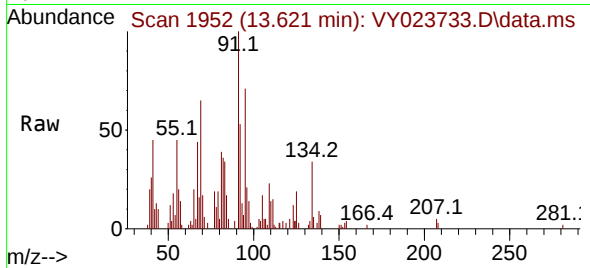




#89
n-Butylbenzene
Concen: 1.884 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

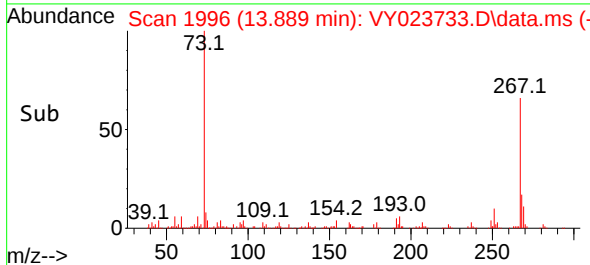
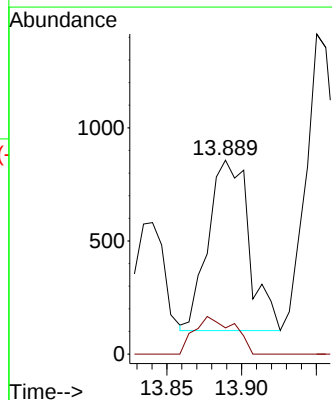
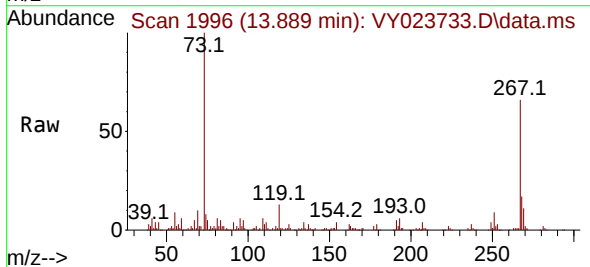
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

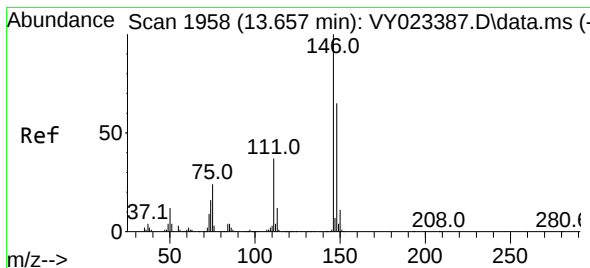
Tgt Ion:	91	Resp:	7626
Ion	Ratio	Lower	Upper
91	100		
92	50.0	27.0	80.8
134	0.0	14.1	42.2#



#90
Hexachloroethane
Concen: 1.431 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.012 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:	117	Resp:	1430
Ion	Ratio	Lower	Upper
117	100		
201	21.6	43.8	131.4#





#91

1,2-Dichlorobenzene

Concen: 1.220 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

A-LAW-25-0167-0175-COMP

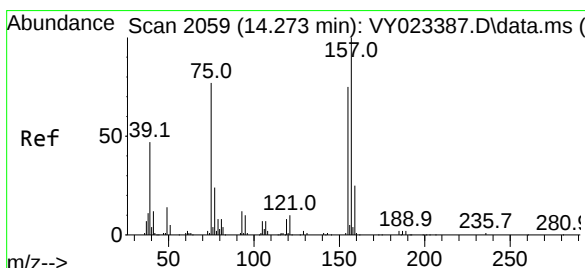
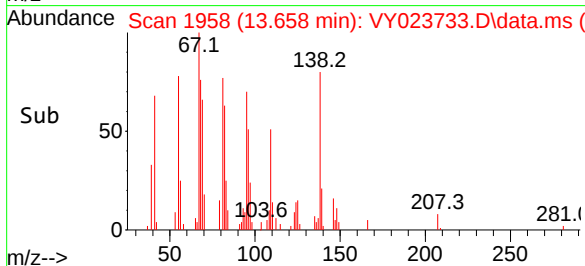
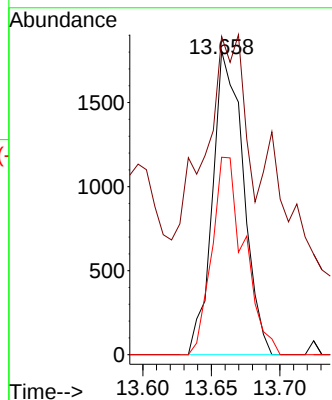
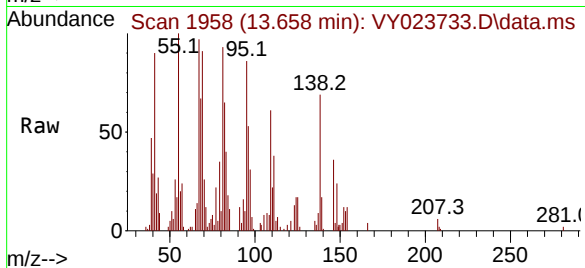
Tgt Ion:146 Resp: 2824

Ion Ratio Lower Upper

146 100

111 83.4 19.0 57.0#

148 68.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.492 ug/l

RT: 14.261 min Scan# 2057

Delta R.T. -0.012 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

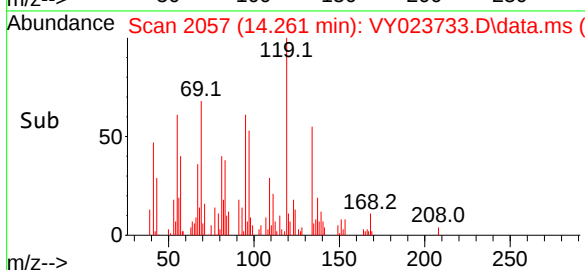
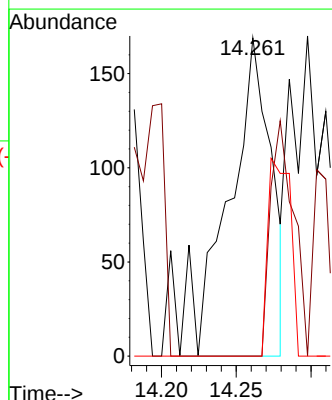
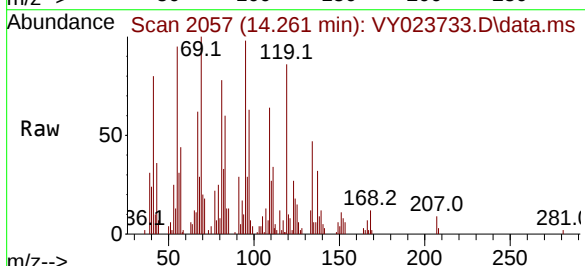
Tgt Ion: 75 Resp: 341

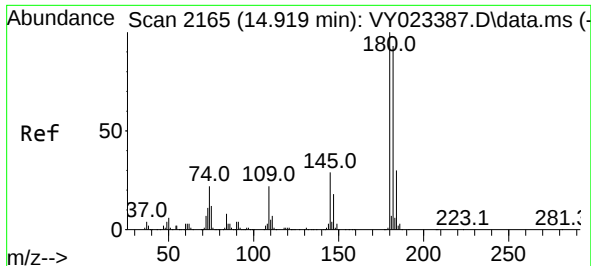
Ion Ratio Lower Upper

75 100

155 39.3 50.0 150.0#

157 32.0 63.8 191.5#

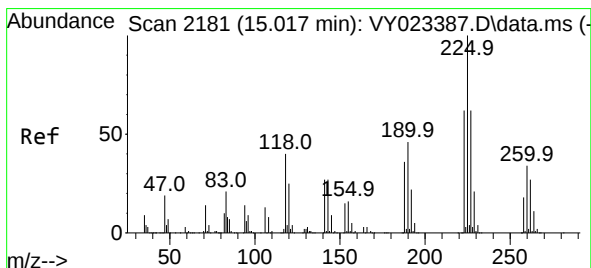
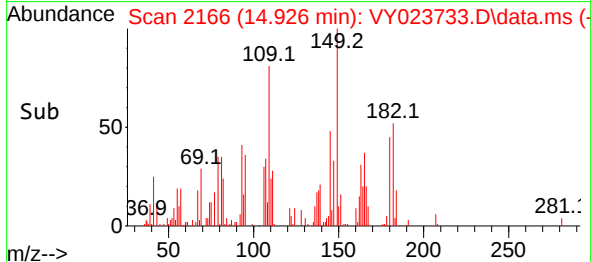
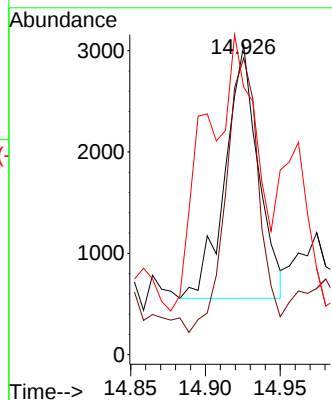
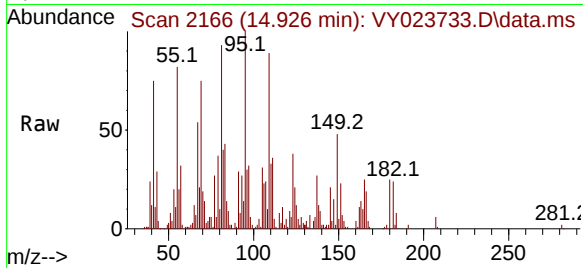




#93
1,2,4-Trichlorobenzene
Concen: 2.665 ug/l
RT: 14.926 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

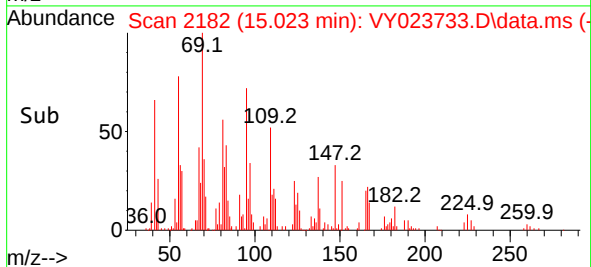
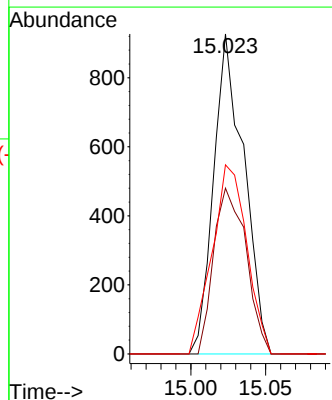
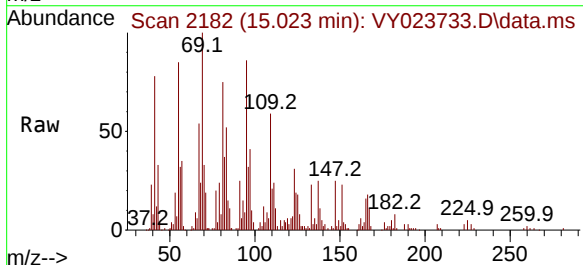
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

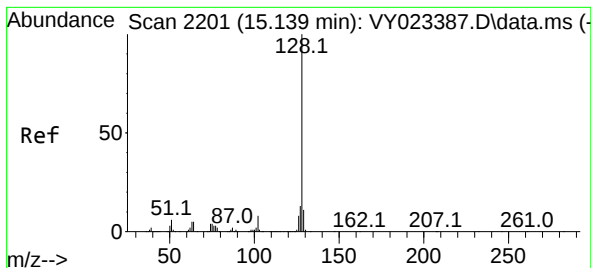
Tgt Ion:180 Resp: 3845
Ion Ratio Lower Upper
180 100
182 107.5 47.9 143.6
145 202.6 14.7 44.1#



#94
Hexachlorobutadiene
Concen: 1.449 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023733.D
Acq: 11 Nov 2025 12:30

Tgt Ion:225 Resp: 1303
Ion Ratio Lower Upper
225 100
223 55.6 30.8 92.3
227 67.7 31.9 95.7





#95

Naphthalene

Concen: 5.738 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Instrument :

MSVOA_Y

ClientSampleId :

A-LAW-25-0167-0175-COMP

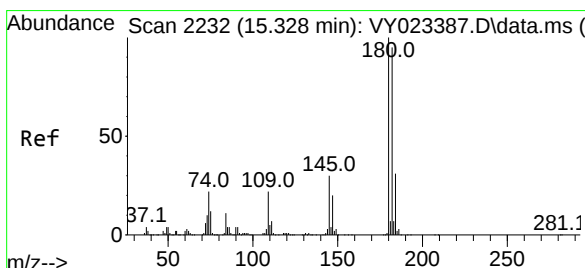
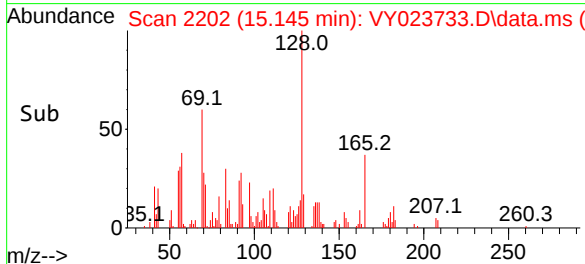
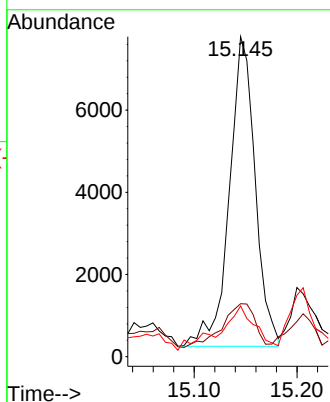
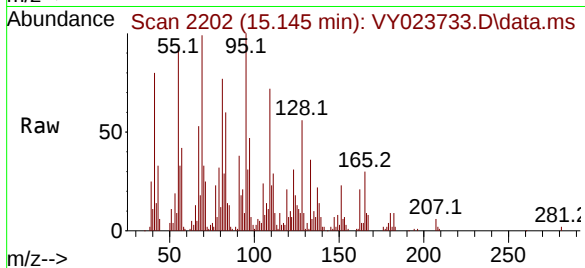
Tgt Ion:128 Resp: 13182

Ion Ratio Lower Upper

128 100

127 17.9 10.4 15.6#

129 20.3 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 7.550 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.024 min

Lab File: VY023733.D

Acq: 11 Nov 2025 12:30

Tgt Ion:180 Resp: 9434

Ion Ratio Lower Upper

180 100

182 49.3 47.9 143.8

145 72.1 15.3 45.9#

