

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW110525\
 Data File : VW039342.D
 Acq On : 05 Nov 2025 17:43
 Operator : SY/MD
 Sample : Q3552-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 00:19:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	698591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1269452	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1250476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	611666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	564955	56.913	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.820%
35) Dibromofluoromethane	4.500	113	509320	50.920	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.840%
50) Toluene-d8	7.236	98	1621615	47.656	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	9.998	95	679674	56.085	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	112.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	13937	1.578	ug/l	93
6) Chloroethane	1.564	64	1406	Below Cal	#	87
8) Diethyl Ether	1.921	74	55233	9.540	ug/l	96
10) Methyl Iodide	2.204	142	2174	0.263	ug/l	# 86
11) Tert butyl alcohol	2.561	59	1178206	612.457	ug/l	100
13) Acrolein	2.002	56	408	Below Cal	#	1
14) Allyl chloride	2.561	41	242980	16.272	ug/l	# 62
15) Acrylonitrile	2.561	53	11246	1.971	ug/l	# 17
16) Acetone	2.124	43	25201	Below Cal		96
18) Methyl Acetate	2.561	43	168461	13.097	ug/l	# 51
19) Methyl tert-butyl Ether	2.712	73	31713	1.119	ug/l	# 87
20) Methylene Chloride	2.458	84	673	Below Cal	#	38
22) Diisopropyl ether	3.223	45	20723	0.773	ug/l	# 33
23) Vinyl Acetate	3.220	43	9539	0.405	ug/l	# 69
25) 2-Butanone	3.802	43	54617	8.997	ug/l	# 75
26) 2,2-Dichloropropane	3.799	77	89180	6.165	ug/l	# 52
29) Tetrahydrofuran	4.239	42	348572	89.803	ug/l	98
31) Cyclohexane	4.596	56	16402	1.254	ug/l	# 1
36) 1,1-Dichloropropene	4.596	75	54910	4.371	ug/l	# 49
37) Ethyl Acetate	3.802	43	54617	3.714	ug/l	# 1
38) Carbon Tetrachloride	4.600	117	71382	4.664	ug/l	# 17
40) Benzene	5.008	78	1840462	45.655	ug/l	100
41) Methacrylonitrile	4.236	41	204884	33.160	ug/l	# 37
42) 1,2-Dichloroethane	5.008	62	15209	1.075	ug/l	73
49) 1,4-Dioxane	6.291	88	33866	228.217	ug/l	# 93
52) Toluene	7.320	92	13960	0.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.796	63	39	8.473	ug/l	# 45
59) 2-Hexanone	7.857	43	125555	12.802	ug/l	77
65) Chlorobenzene	8.802	112	875724	29.583	ug/l	100
67) Ethyl Benzene	8.947	91	9209	0.211	ug/l	97
68) m/p-Xylenes	9.075	106	8006	0.463	ug/l	97
69) o-Xylene	9.471	106	25439	1.666	ug/l	99
73) Isopropylbenzene	9.853	105	2547351	68.582	ug/l	100
74) N-amyl acetate	9.751	43	3764	0.246	ug/l	# 68
76) 1,2,3-Trichloropropane	9.998	75	327702	26.843	ug/l	# 54
78) n-propylbenzene	10.281	91	127212	2.823	ug/l	100

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Quant Time: Nov 06 00:19:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

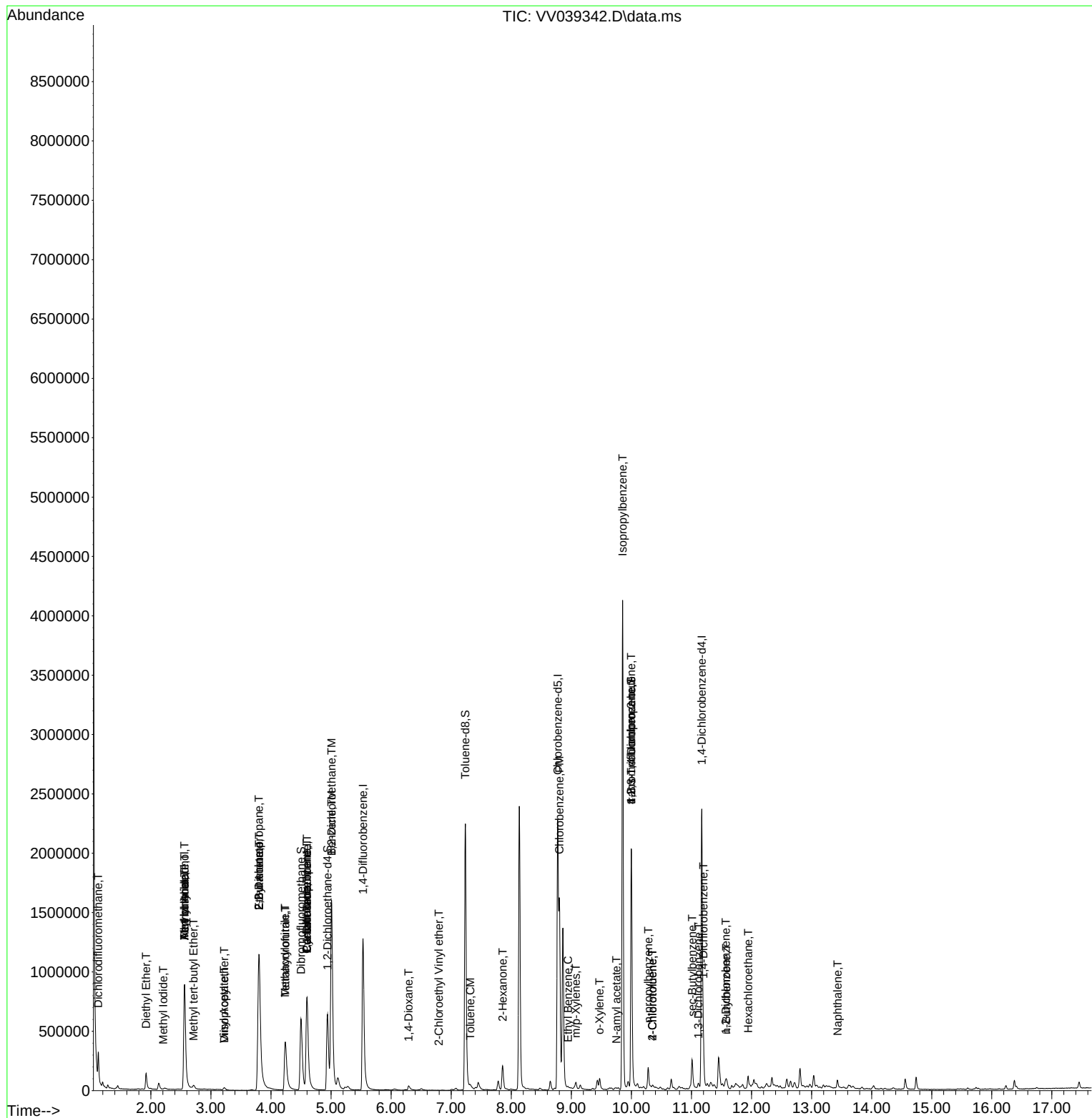
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	10.352	91	16871	0.606	ug/l	93
81) trans-1,4-Dichloro-2-b...	9.998	75	327702	67.791	ug/l #	14
82) 4-Chlorotoluene	10.352	91	16871	0.527	ug/l	85
85) sec-Butylbenzene	11.014	105	21610	0.553	ug/l	89
87) 1,3-Dichlorobenzene	11.117	146	12328	0.605	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	169419	7.433	ug/l	98
89) n-Butylbenzene	11.580	91	22210	0.709	ug/l	90
90) Hexachloroethane	11.947	117	7027	0.845	ug/l #	16
91) 1,2-Dichlorobenzene	11.574	146	16468	0.850	ug/l	96
95) Naphthalene	13.432	128	56047	1.583	ug/l #	96

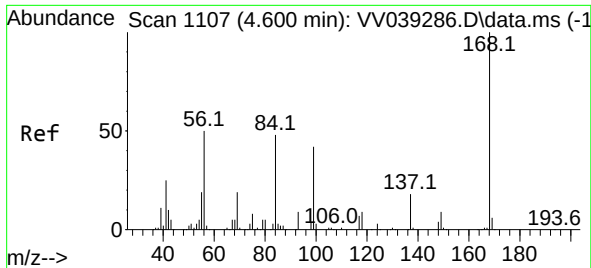
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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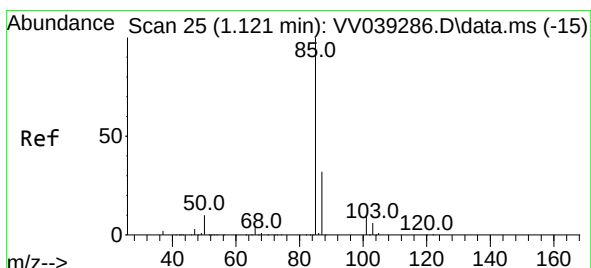
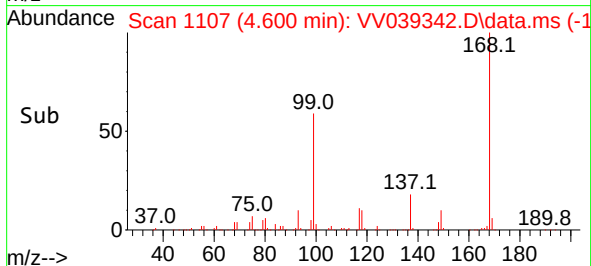
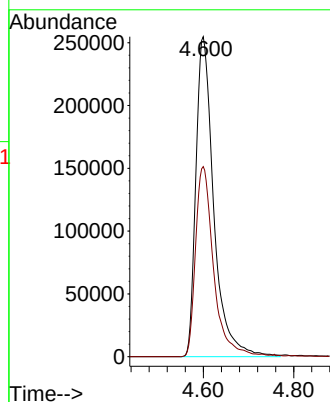
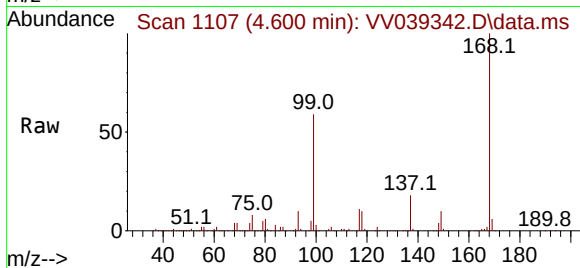




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

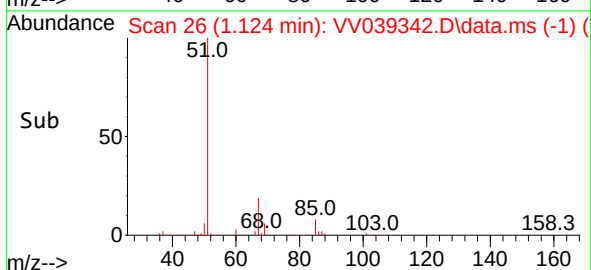
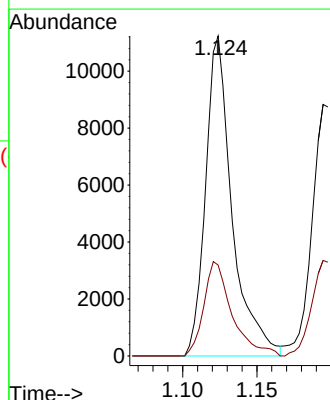
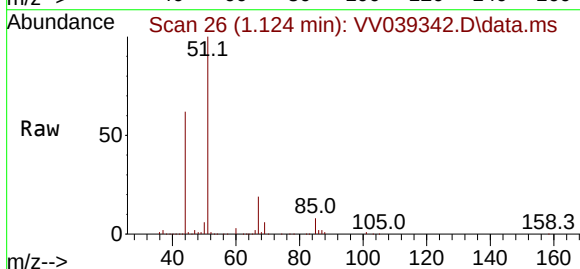
Instrument :
MSVOA_V
ClientSampleId :

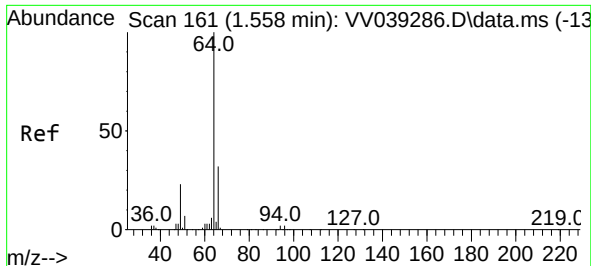
Tgt Ion:168 Resp: 698591
Ion Ratio Lower Upper
168 100
99 59.4 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 1.578 ug/l
RT: 1.124 min Scan# 26
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 85 Resp: 13937
Ion Ratio Lower Upper
85 100
87 28.4 16.1 48.2

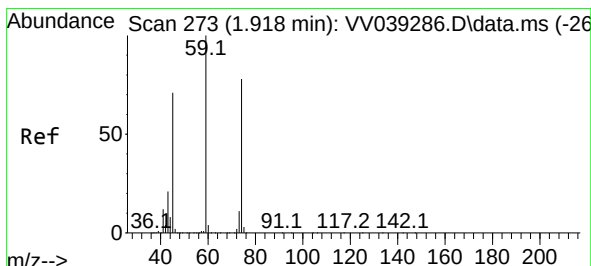
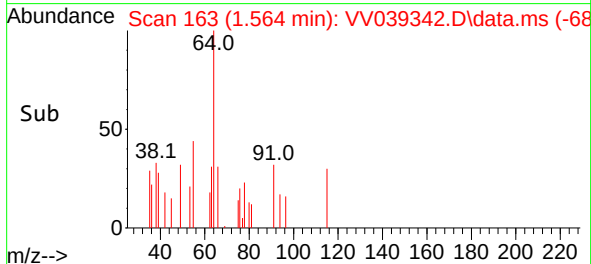
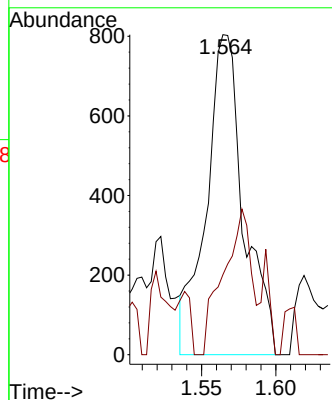
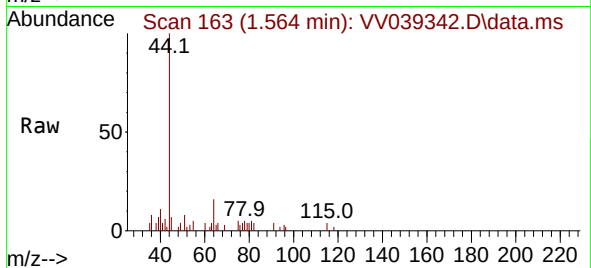




#6
Chloroethane
Concen: Below Cal
RT: 1.564 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

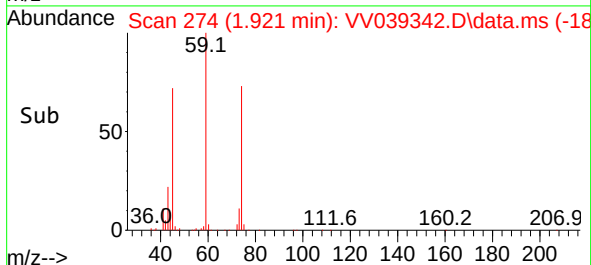
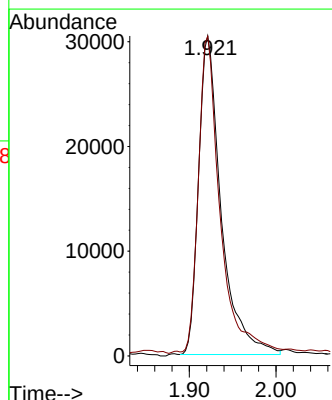
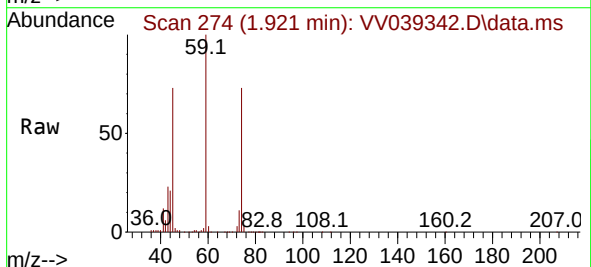
Instrument :
MSVOA_V
ClientSampleId :

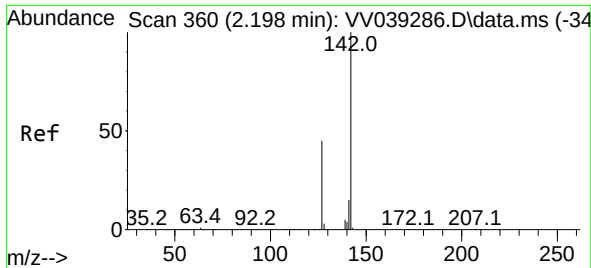
Tgt Ion: 64 Resp: 1406
Ion Ratio Lower Upper
64 100
66 25.0 25.7 38.5#



#8
Diethyl Ether
Concen: 9.540 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

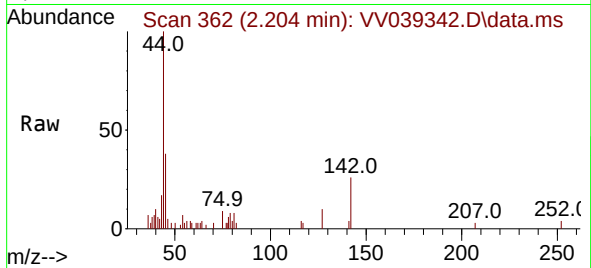
Tgt Ion: 74 Resp: 55233
Ion Ratio Lower Upper
74 100
45 95.8 45.9 137.7



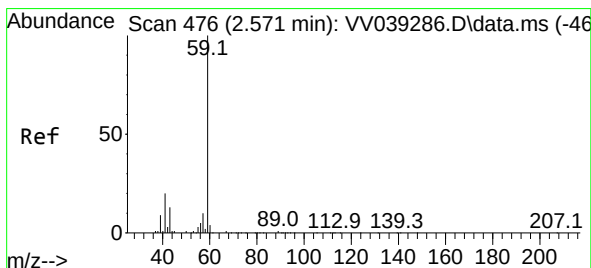
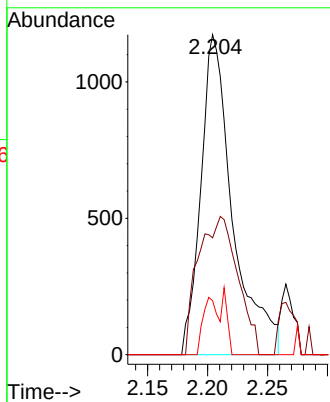
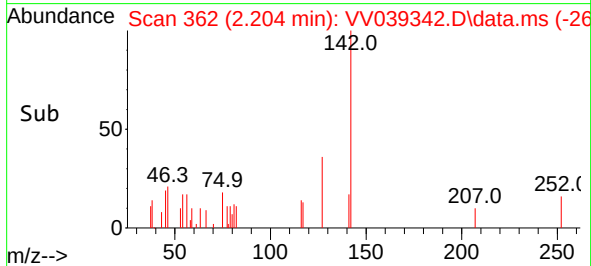


#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.204 min Scan# 362
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

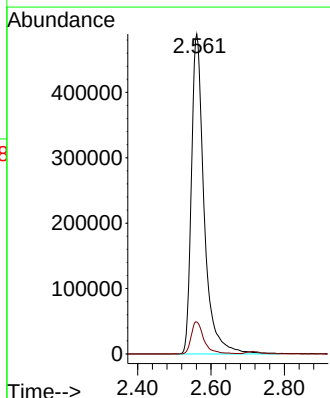
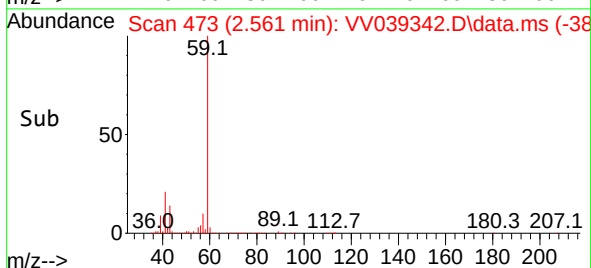
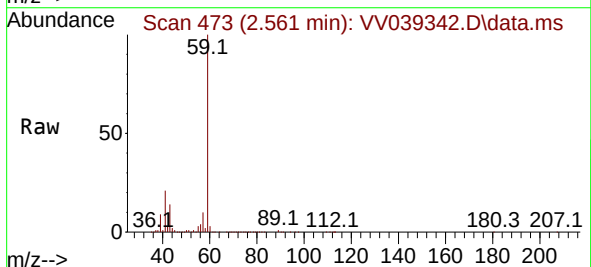


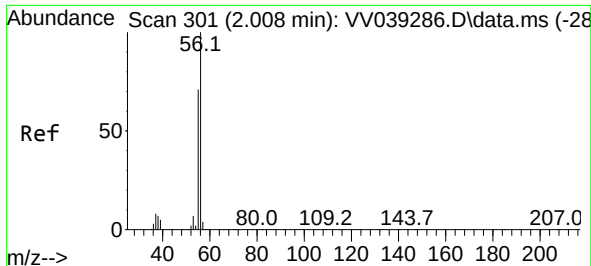
Tgt Ion:142 Resp: 2174
Ion Ratio Lower Upper
142 100
127 53.3 35.5 53.3#
141 8.4 11.5 17.3#



#11
Tert butyl alcohol
Concen: 612.457 ug/l
RT: 2.561 min Scan# 473
Delta R.T. -0.010 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 59 Resp: 1178206
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

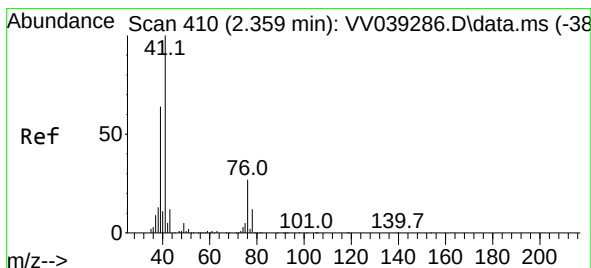
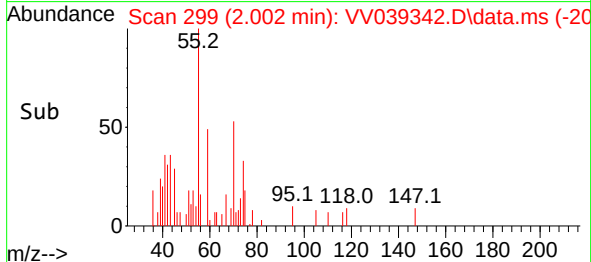
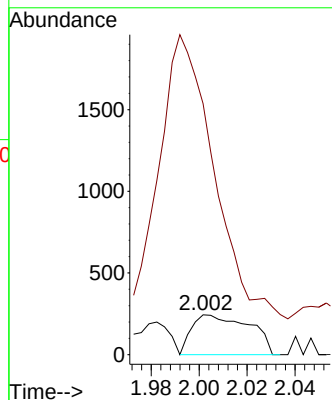
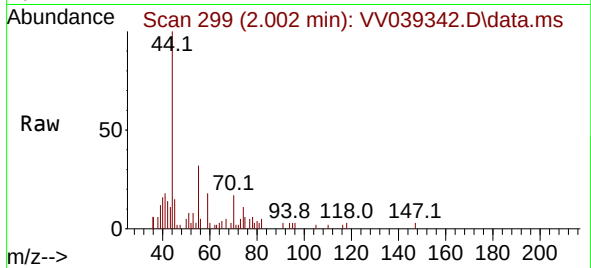




#13
Acrolein
Concen: Below Cal
RT: 2.002 min Scan# 24
Delta R.T. -0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

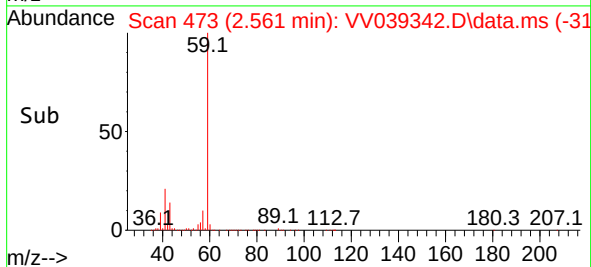
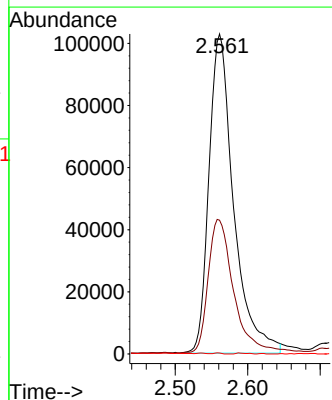
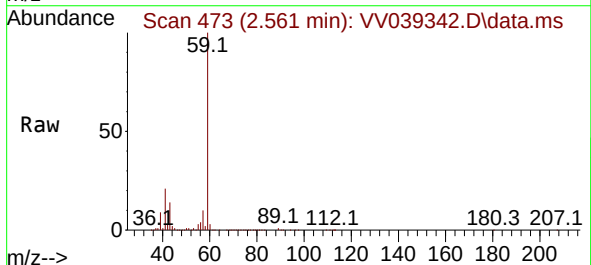
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MSVOA_V
ClientSampleId :

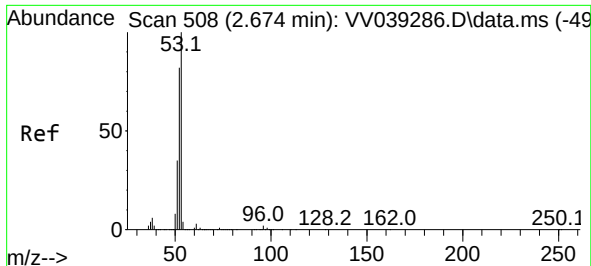
Tgt Ion: 56 Resp: 408
Ion Ratio Lower Upper
56 100
55 684.8 56.2 84.4#



#14
Allyl chloride
Concen: 16.272 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.203 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

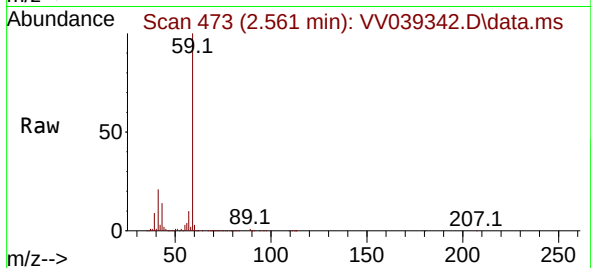
Tgt Ion: 41 Resp: 242980
Ion Ratio Lower Upper
41 100
39 42.8 47.8 71.6#
76 0.1 30.2 45.2#



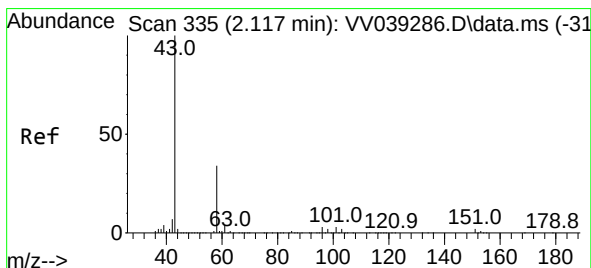
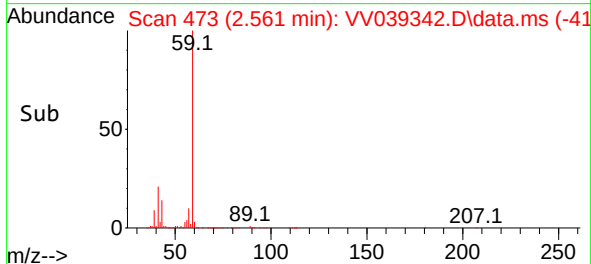
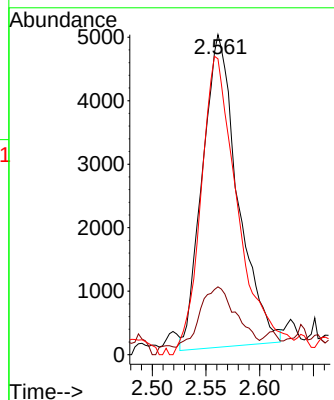


#15
Acrylonitrile
Concen: 1.971 ug/l
RT: 2.561 min Scan# 41
Delta R.T. -0.113 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

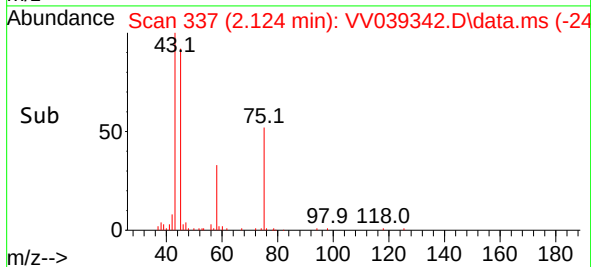
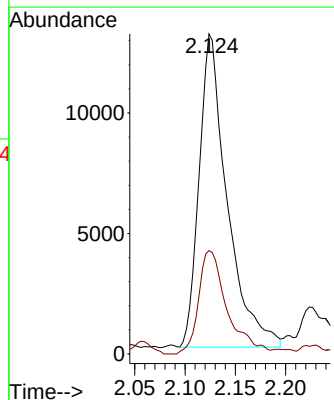
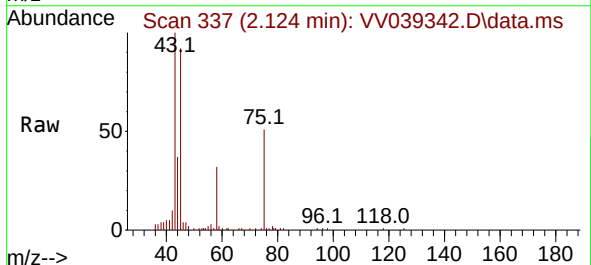


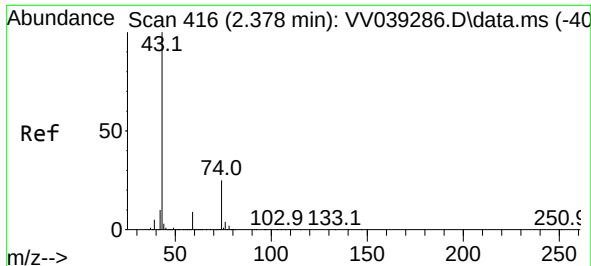
Tgt Ion: 53 Resp: 11246
Ion Ratio Lower Upper
53 100
52 19.7 65.0 97.6#
51 101.1 27.9 41.9#



#16
Acetone
Concen: Below Cal
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 43 Resp: 25201
Ion Ratio Lower Upper
43 100
58 32.3 27.5 41.3

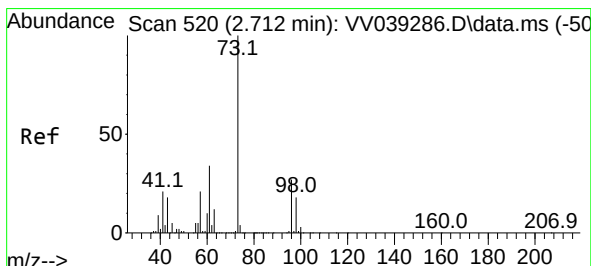
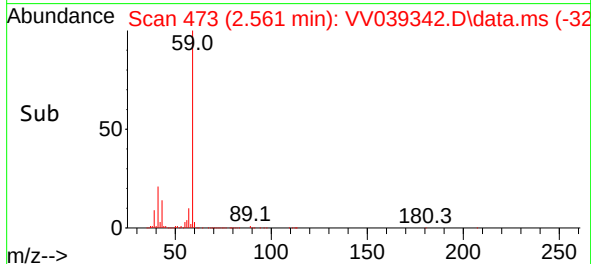
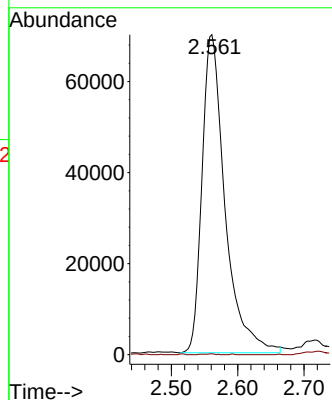
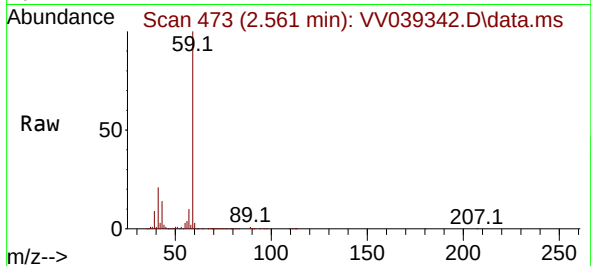




#18
Methyl Acetate
Concen: 13.097 ug/l
RT: 2.561 min Scan# 416
Delta R.T. 0.183 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

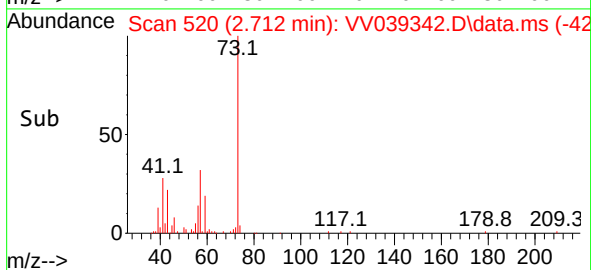
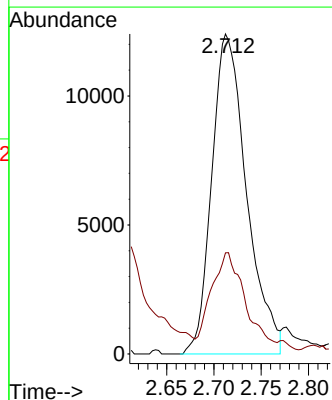
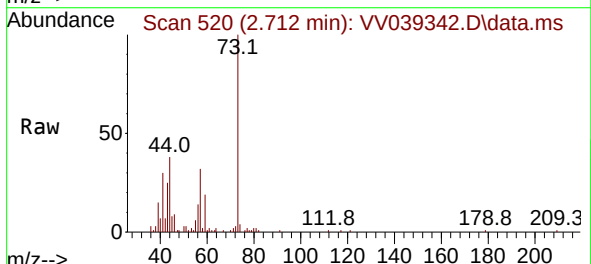
Instrument :
MSVOA_V
ClientSampleId :

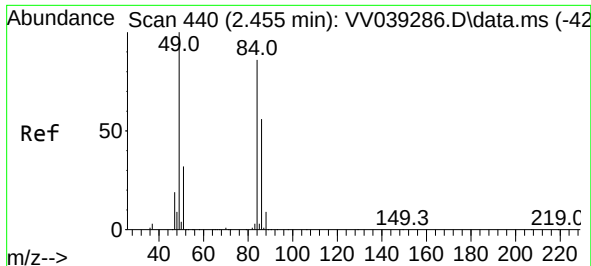
Tgt Ion: 43 Resp: 168461
Ion Ratio Lower Upper
43 100
74 0.1 19.5 29.3#



#19
Methyl tert-butyl Ether
Concen: 1.119 ug/l
RT: 2.712 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

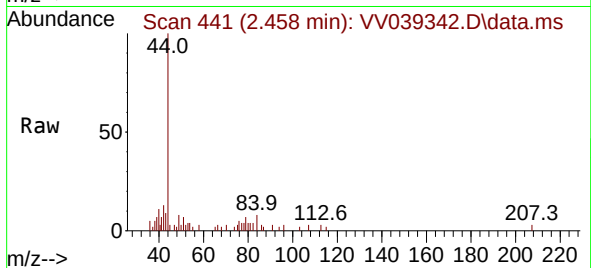
Tgt Ion: 73 Resp: 31713
Ion Ratio Lower Upper
73 100
57 27.5 17.0 25.6#



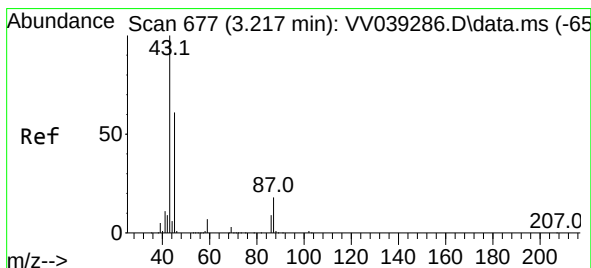
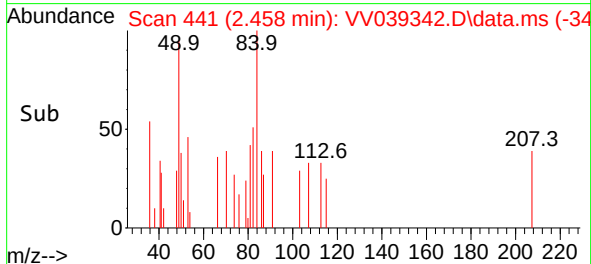
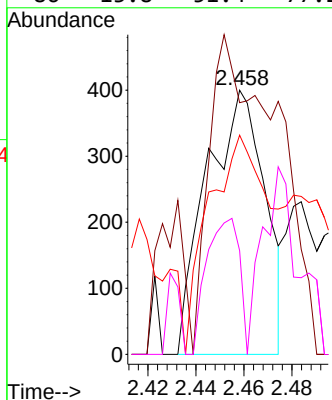


#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

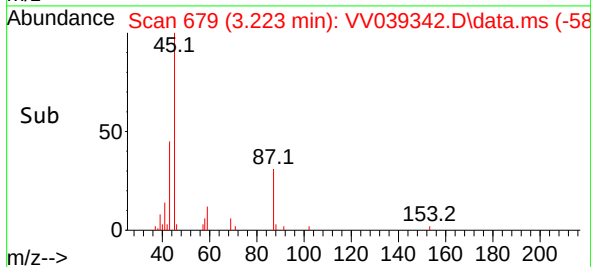
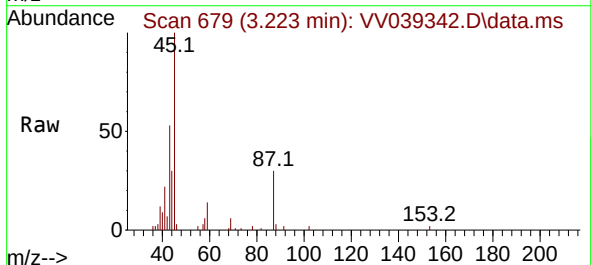
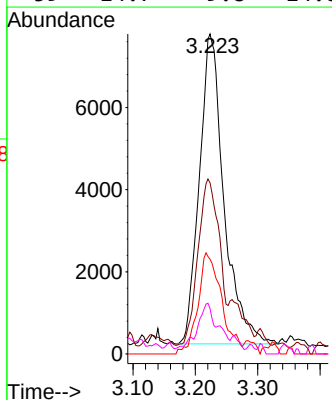


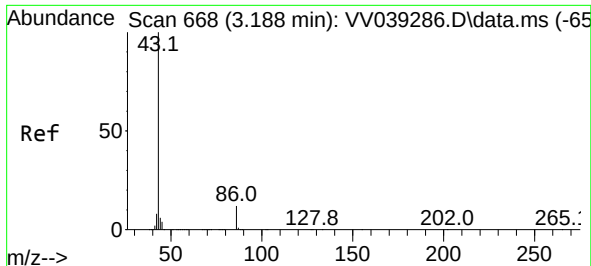
Tgt Ion: 84 Resp: 673
Ion Ratio Lower Upper
84 100
49 37.0 92.6 139.0#
51 51.5 29.6 44.4#
86 13.8 51.4 77.2#



#22
Diisopropyl ether
Concen: 0.773 ug/l
RT: 3.223 min Scan# 679
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 45 Resp: 20723
Ion Ratio Lower Upper
45 100
43 52.3 130.8 196.2#
87 29.1 23.8 35.8
59 14.7 9.8 14.8

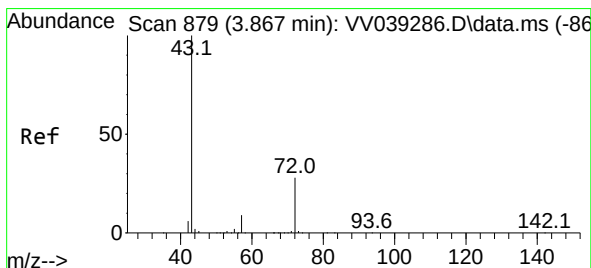
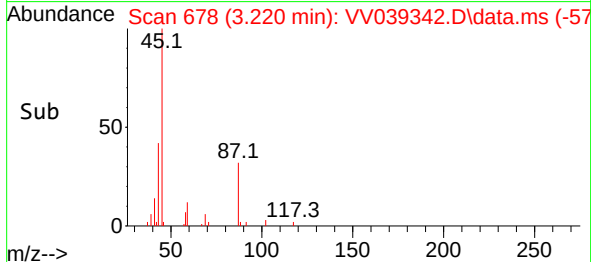
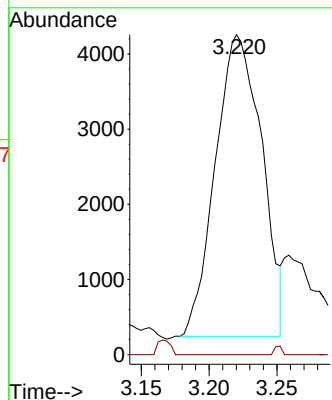
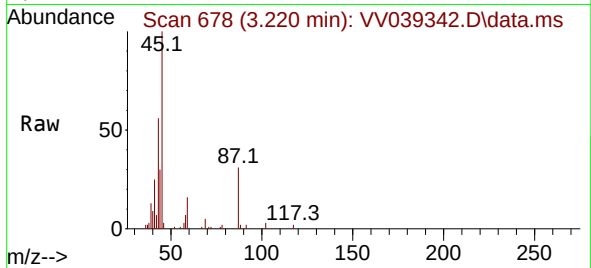




#23
 Vinyl Acetate
 Concen: 0.405 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.032 min
 Lab File: VV039342.D
 Acq: 05 Nov 2025 17:43

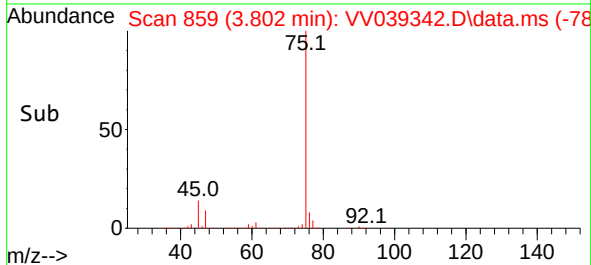
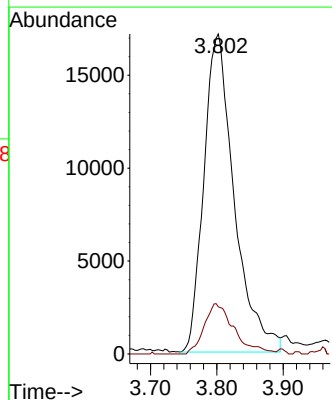
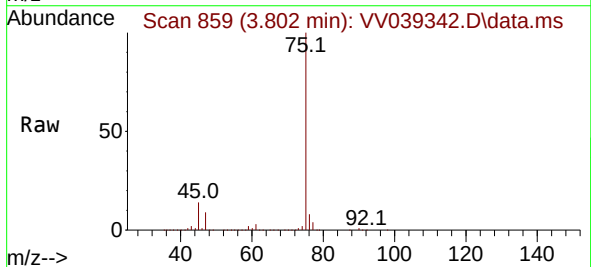
Instrument :
 MSVOA_V
 ClientSampleId :

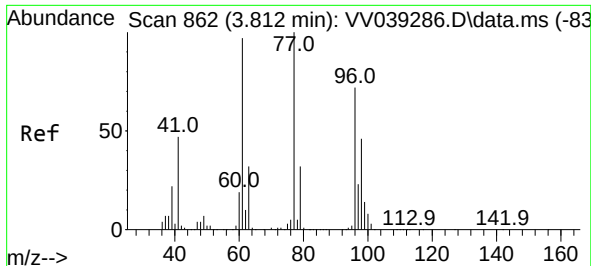
Tgt Ion: 43 Resp: 9539
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.4 14.2#



#25
 2-Butanone
 Concen: 8.997 ug/l
 RT: 3.802 min Scan# 859
 Delta R.T. -0.064 min
 Lab File: VV039342.D
 Acq: 05 Nov 2025 17:43

Tgt Ion: 43 Resp: 54617
 Ion Ratio Lower Upper
 43 100
 72 14.9 22.6 34.0#





#26

2,2-Dichloropropane

Concen: 6.165 ug/l

RT: 3.799 min Scan# 81

Delta R.T. -0.013 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

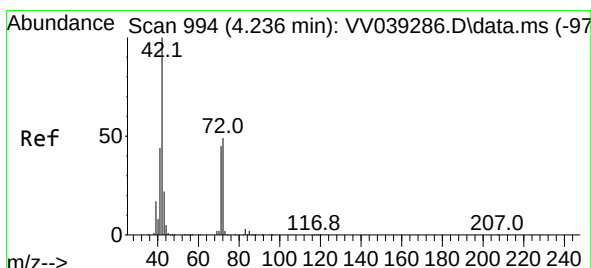
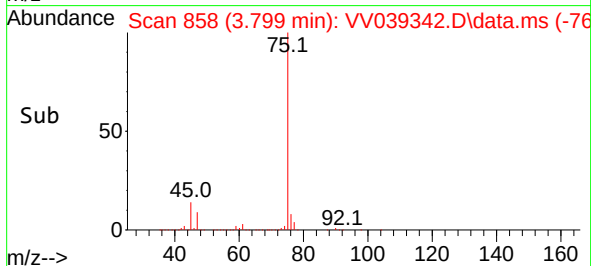
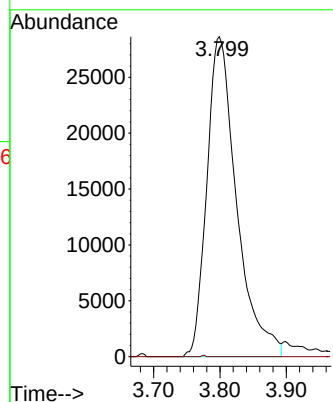
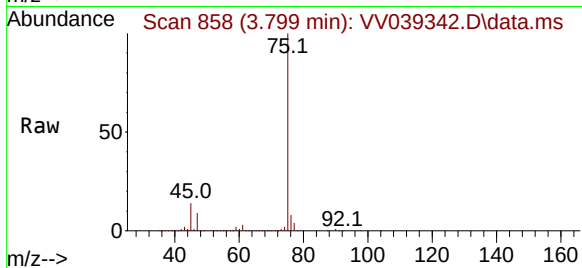
ClientSampleId :

Tgt Ion: 77 Resp: 89180

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 89.803 ug/l

RT: 4.239 min Scan# 995

Delta R.T. 0.003 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

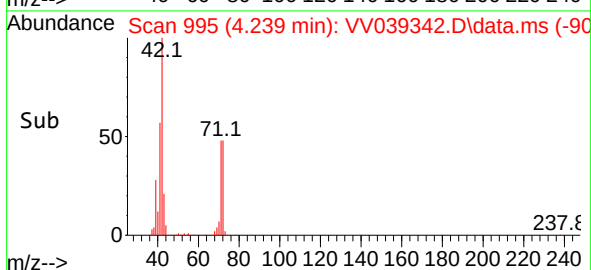
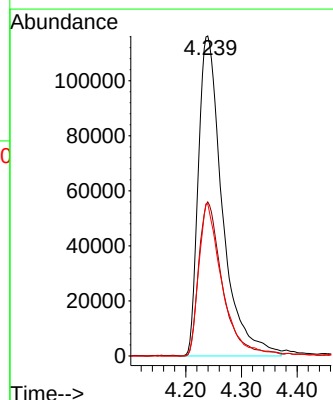
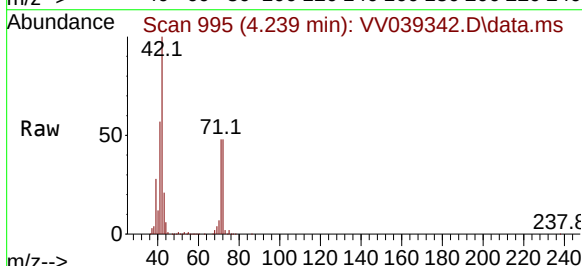
Tgt Ion: 42 Resp: 348572

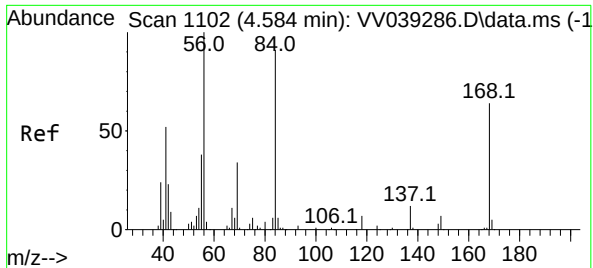
Ion Ratio Lower Upper

42 100

72 47.6 39.8 59.8

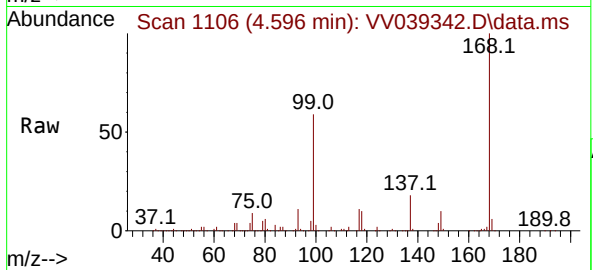
71 46.2 36.5 54.7



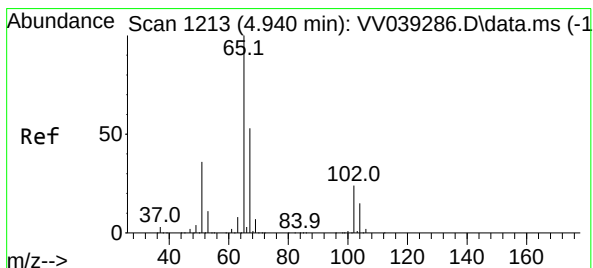
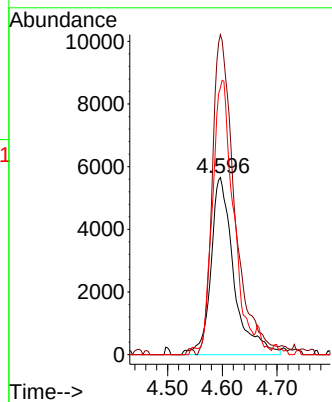
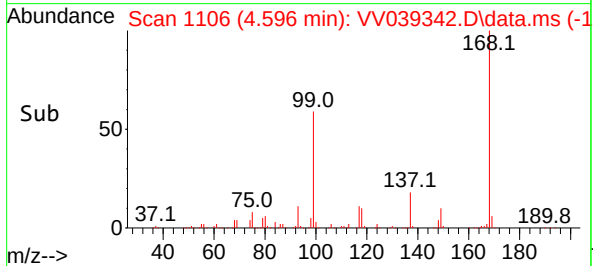


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

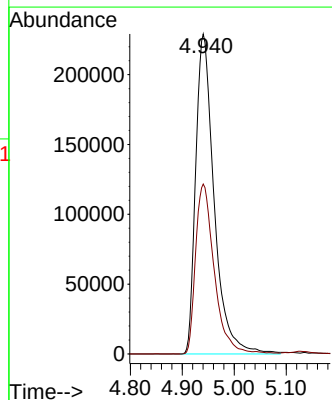
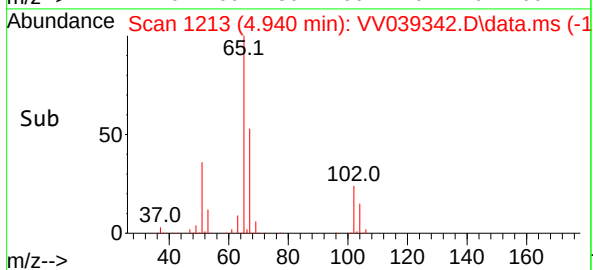
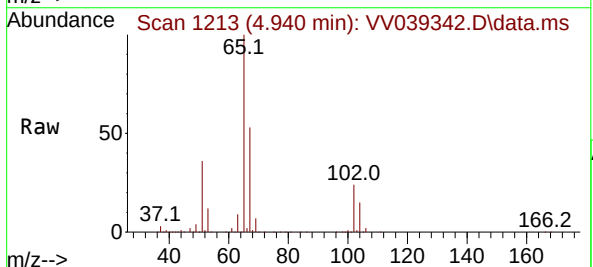


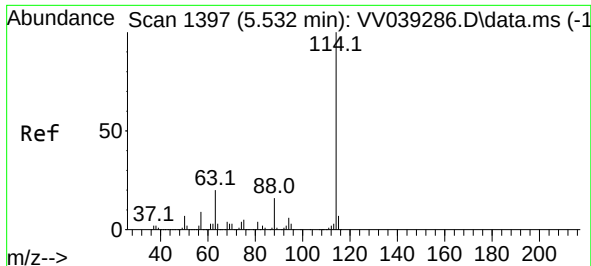
Tgt Ion: 56 Resp: 16402
Ion Ratio Lower Upper
56 100
69 180.6 27.4 41.0#
84 150.6 72.8 109.2#



#33
1,2-Dichloroethane-d4
Concen: 56.913 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 65 Resp: 564955
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

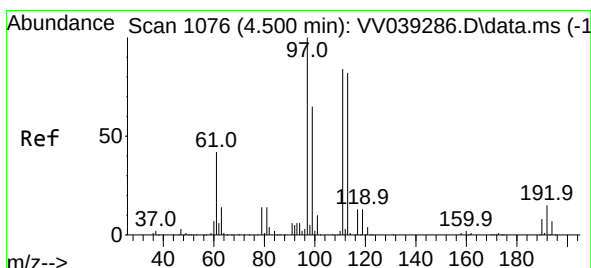
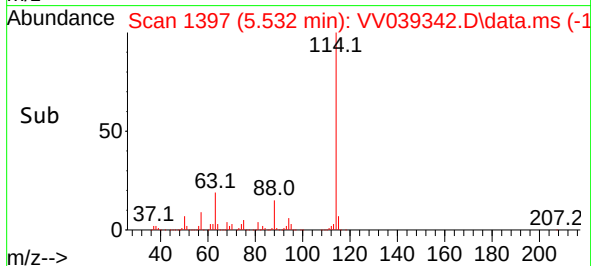
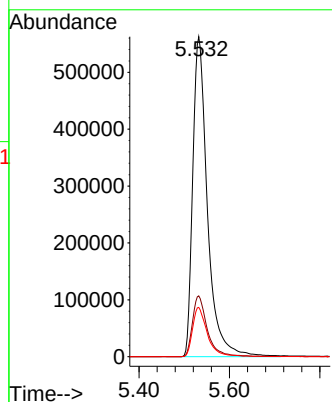
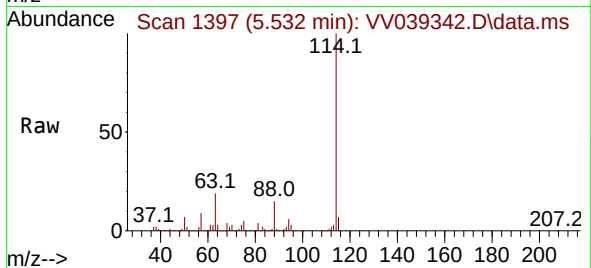
Tgt Ion:114 Resp: 1269452

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.920 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

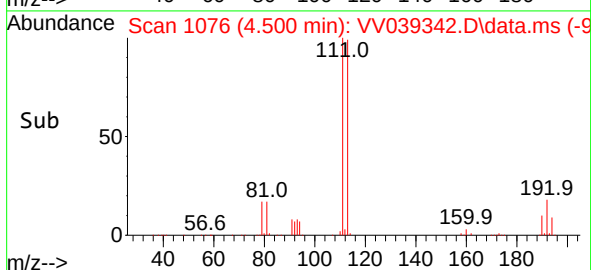
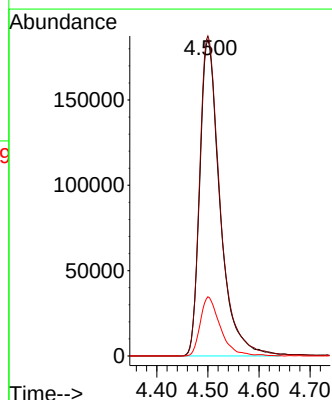
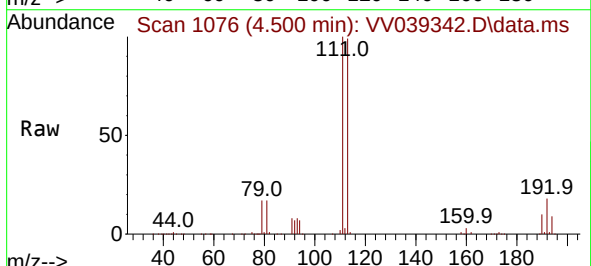
Tgt Ion:113 Resp: 509320

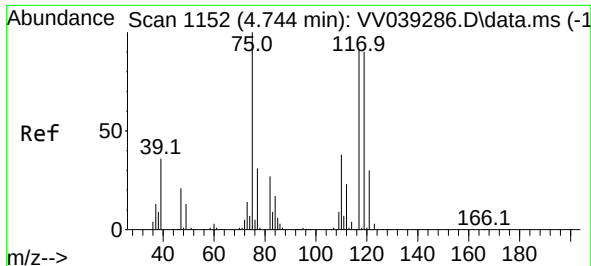
Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

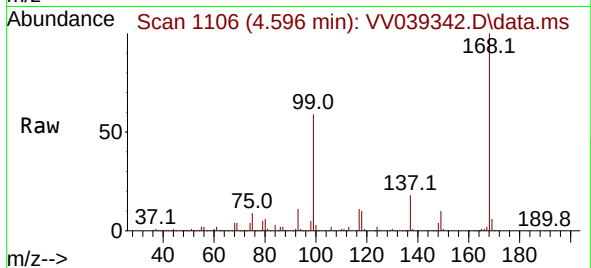
192 18.4 14.3 21.5



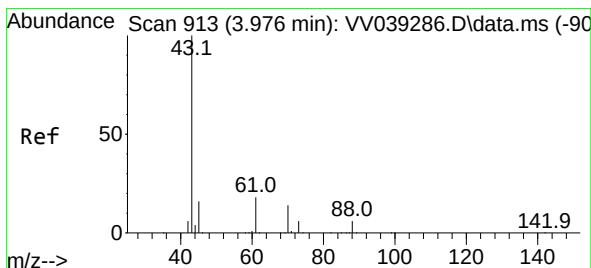
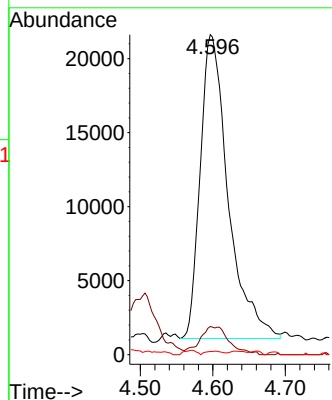
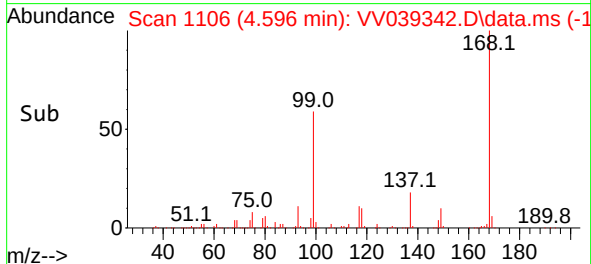


#36
1,1-Dichloropropene
Concen: 4.371 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.148 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

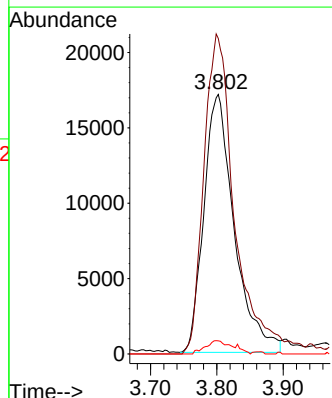
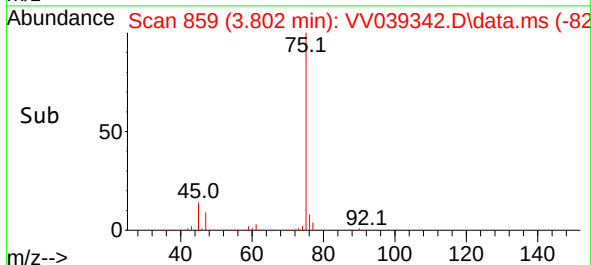
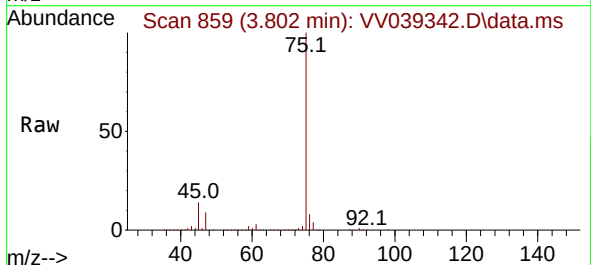


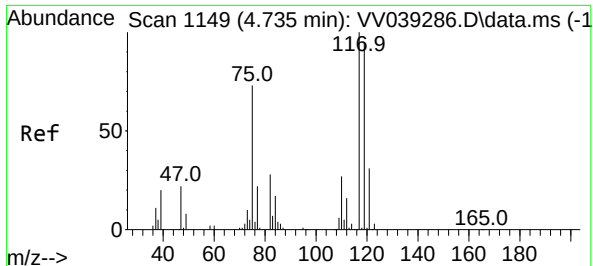
Tgt Ion: 75 Resp: 54910
Ion Ratio Lower Upper
75 100
110 9.7 18.9 56.7#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 3.714 ug/l
RT: 3.802 min Scan# 859
Delta R.T. -0.174 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

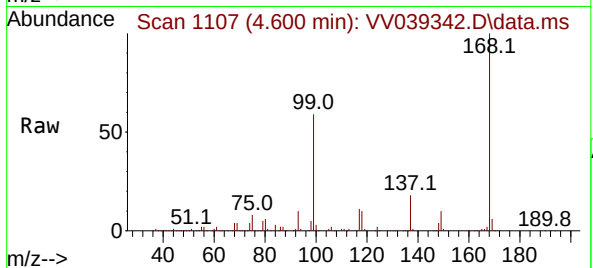
Tgt Ion: 43 Resp: 54617
Ion Ratio Lower Upper
43 100
61 126.5 12.2 18.2#
70 4.0 9.0 13.4#



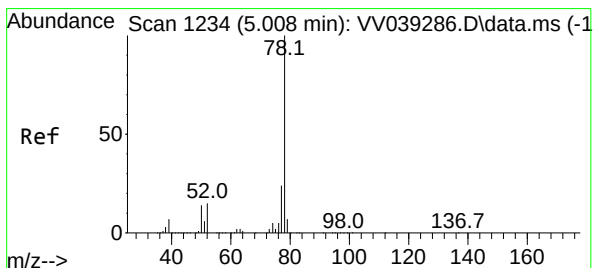
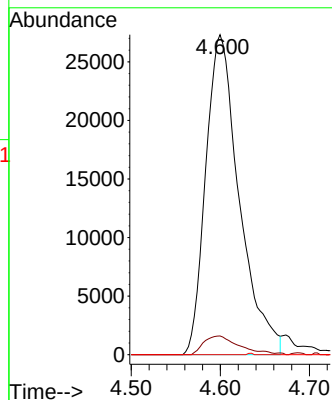
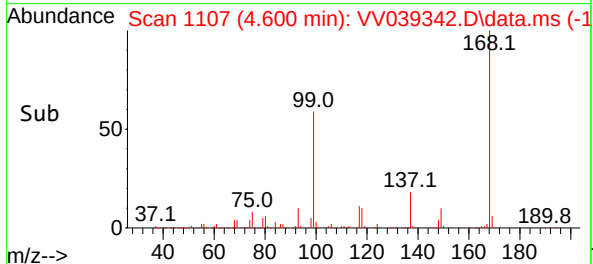


#38
Carbon Tetrachloride
Concen: 4.664 ug/l
RT: 4.600 min Scan# 1149
Delta R.T. -0.135 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

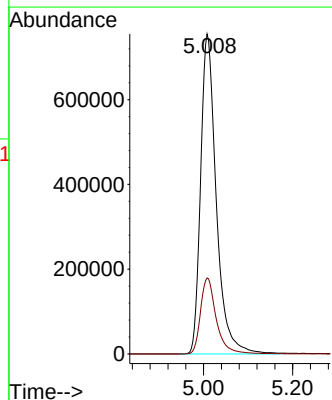
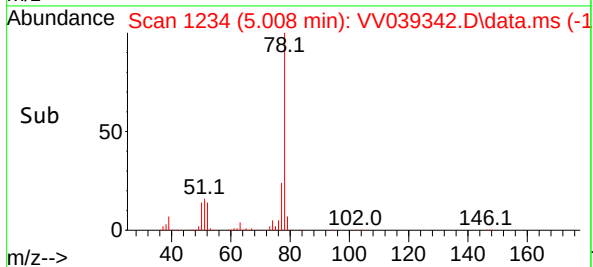
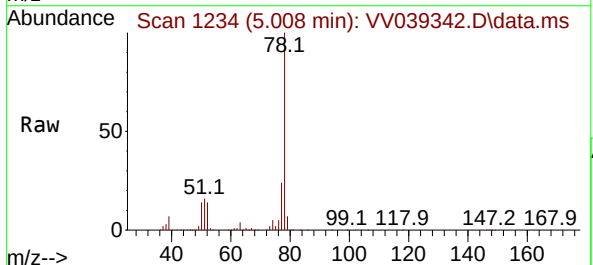


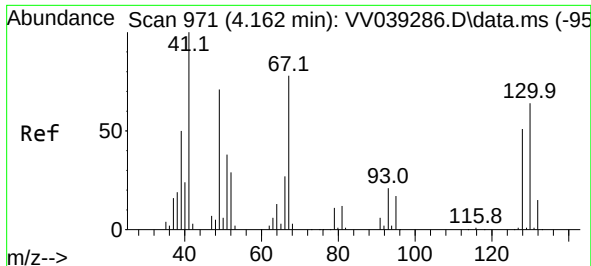
Tgt Ion:117 Resp: 71382
Ion Ratio Lower Upper
117 100
119 5.8 75.9 113.9#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 45.655 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 78 Resp: 1840462
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

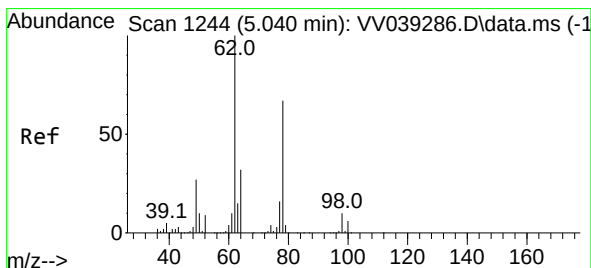
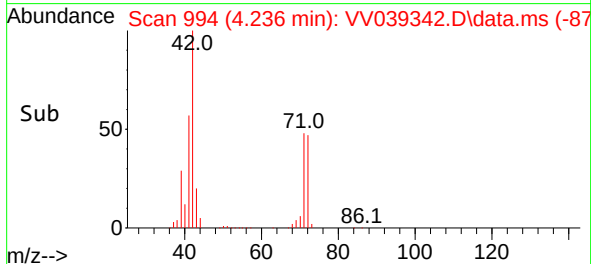
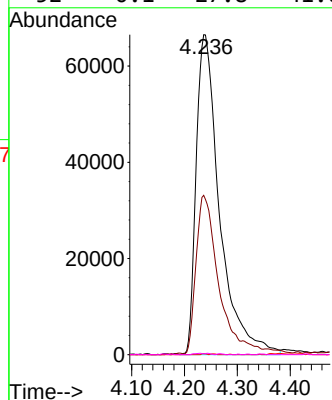
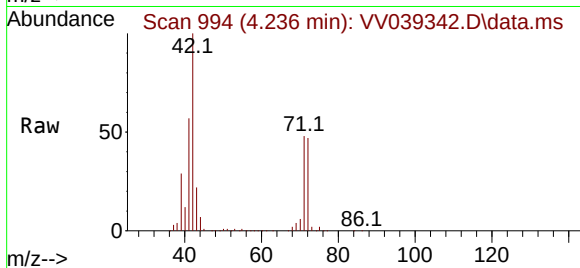




#41
Methacrylonitrile
Concen: 33.160 ug/l
RT: 4.236 min Scan# 994
Delta R.T. 0.074 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

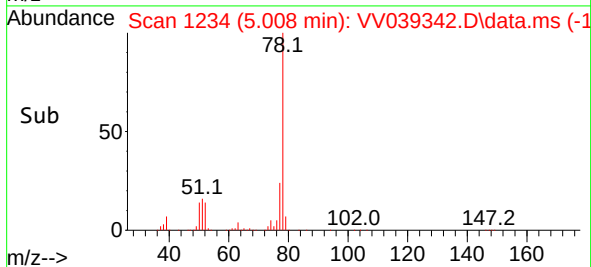
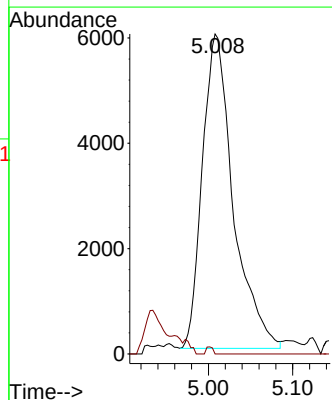
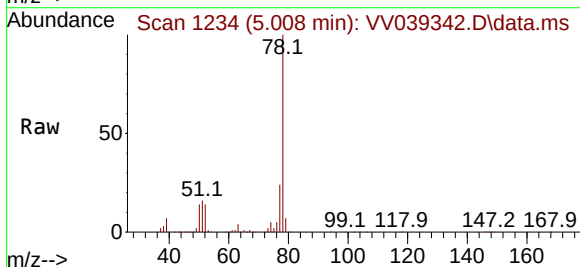
Instrument :
MSVOA_V
ClientSampleId :

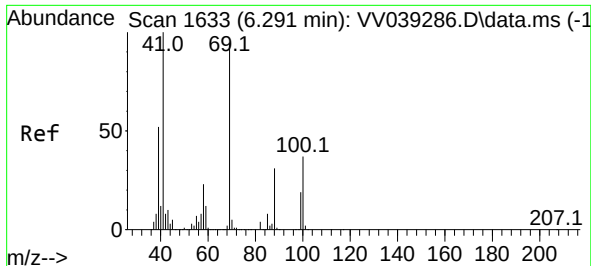
Tgt Ion: 41 Resp: 204884
Ion Ratio Lower Upper
41 100
39 47.3 40.9 61.3
67 0.1 73.1 109.7#
52 0.1 27.8 41.6#



#42
1,2-Dichloroethane
Concen: 1.075 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. -0.032 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 62 Resp: 15209
Ion Ratio Lower Upper
62 100
98 0.5 0.0 21.0





#49

1,4-Dioxane

Concen: 228.217 ug/l

RT: 6.291 min Scan# 1

Delta R.T. -0.000 min

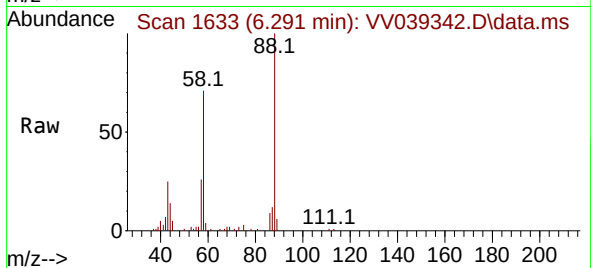
Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :



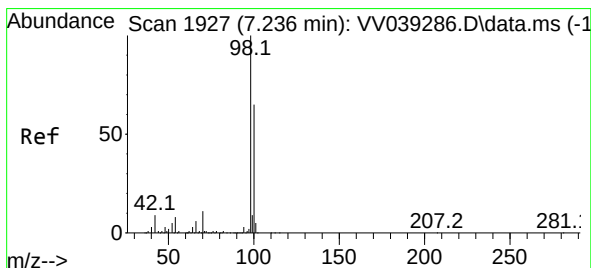
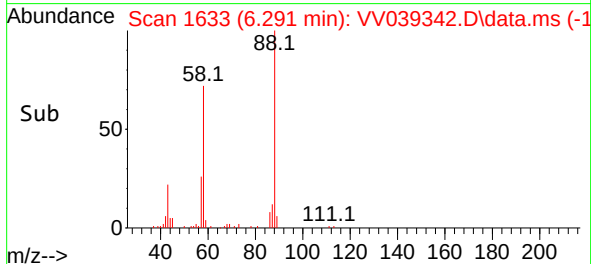
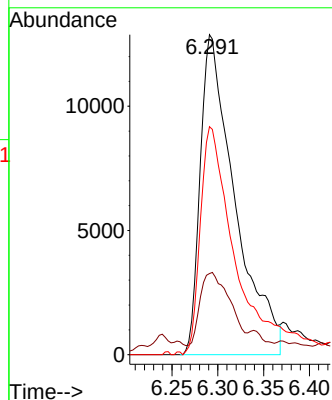
Tgt Ion: 88 Resp: 33866

Ion Ratio Lower Upper

88 100

43 19.6 24.1 36.1#

58 74.1 57.6 86.4



#50

Toluene-d8

Concen: 47.656 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV039342.D

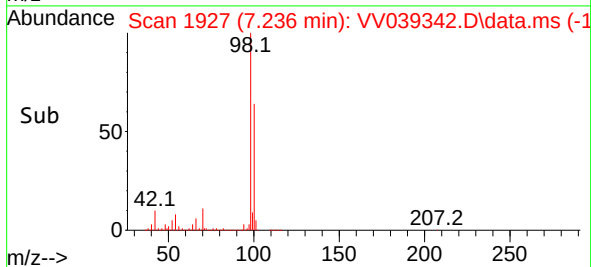
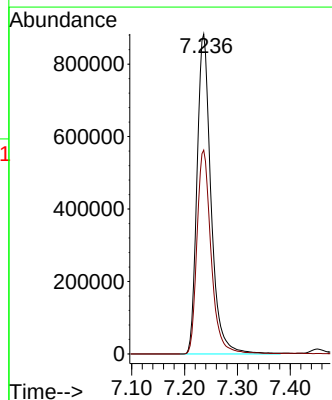
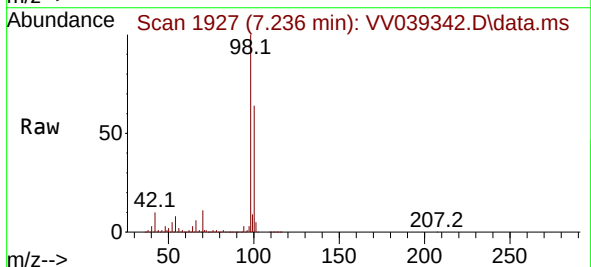
Acq: 05 Nov 2025 17:43

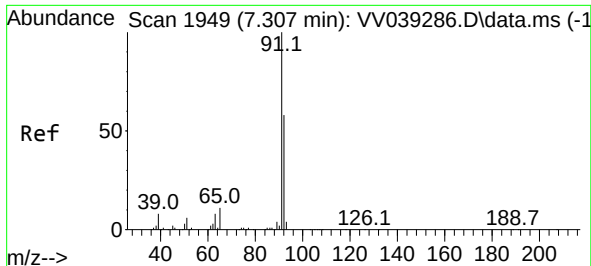
Tgt Ion: 98 Resp: 1621615

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

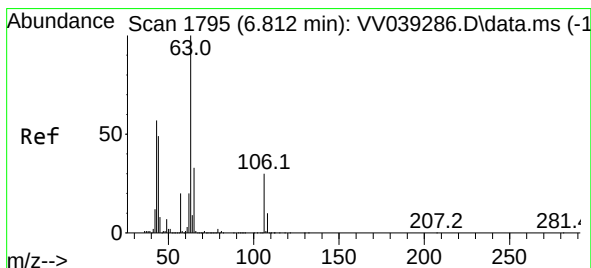
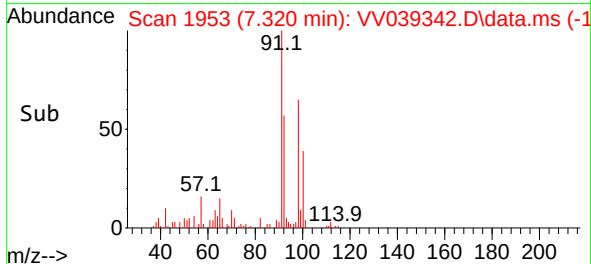
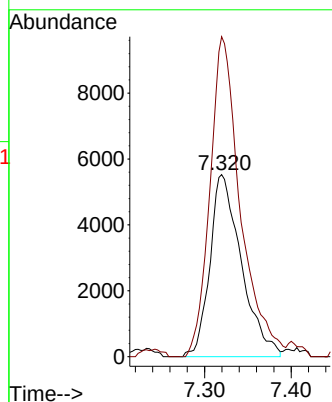
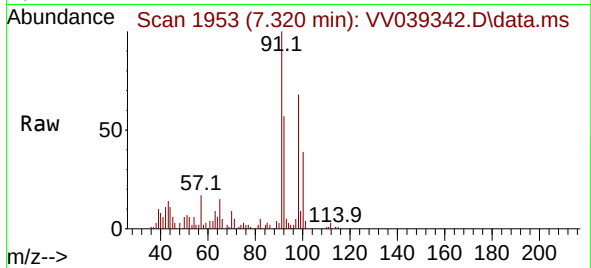




#52
Toluene
Concen: 0.574 ug/l
RT: 7.320 min Scan# 1949
Delta R.T. 0.013 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

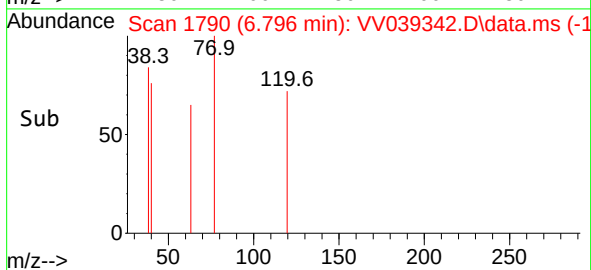
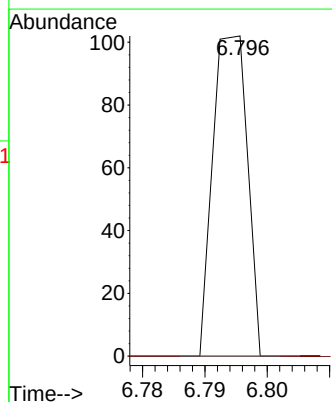
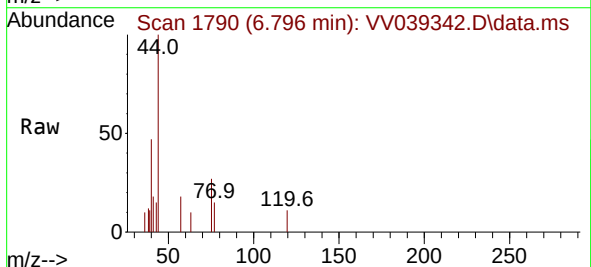
Instrument :
MSVOA_V
ClientSampleId :

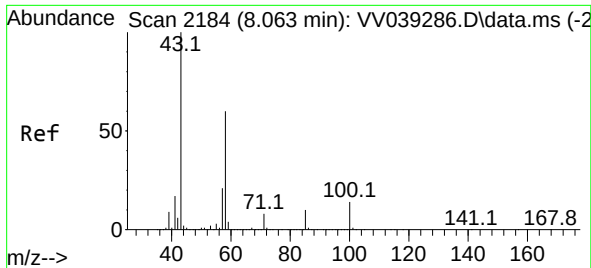
Tgt Ion: 92 Resp: 13960
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9



#58
2-Chloroethyl Vinyl ether
Concen: 8.473 ug/l
RT: 6.796 min Scan# 1790
Delta R.T. -0.016 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 63 Resp: 39
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#

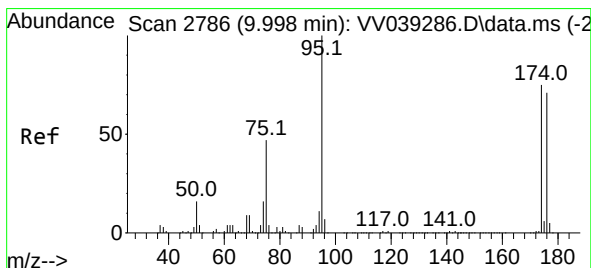
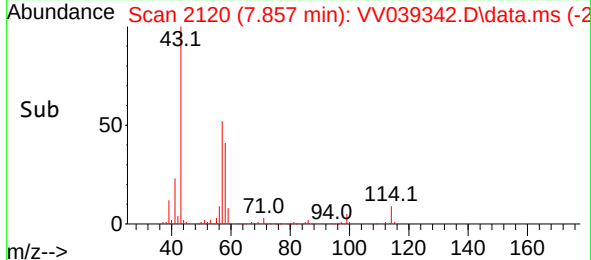
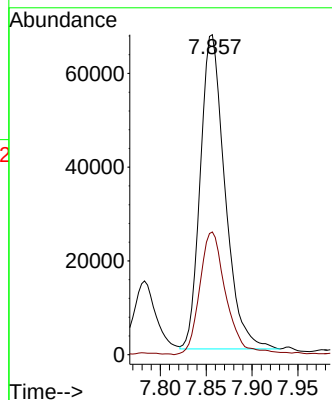
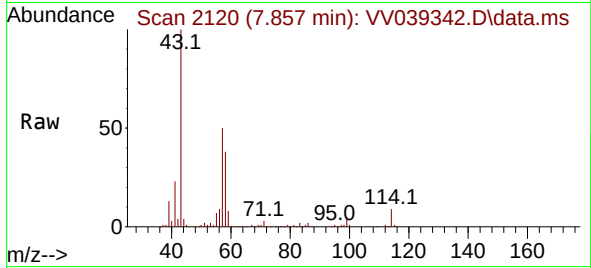




#59
2-Hexanone
Concen: 12.802 ug/l
RT: 7.857 min Scan# 2184
Delta R.T. -0.206 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

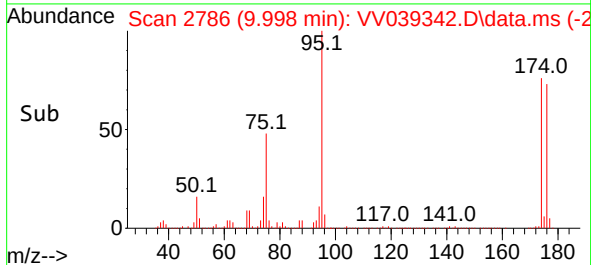
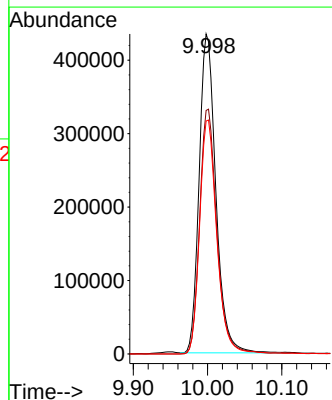
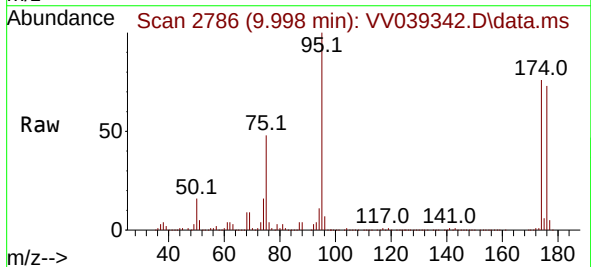
Instrument :
MSVOA_V
ClientSampleId :

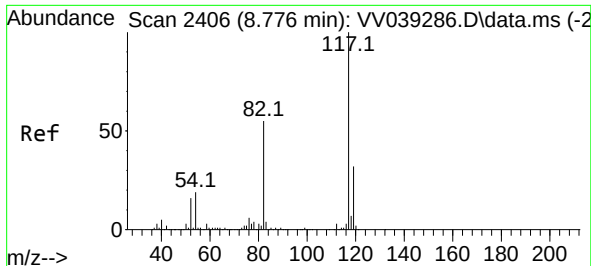
Tgt Ion: 43 Resp: 125555
Ion Ratio Lower Upper
43 100
58 42.0 29.6 88.9



#62
4-Bromofluorobenzene
Concen: 56.085 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

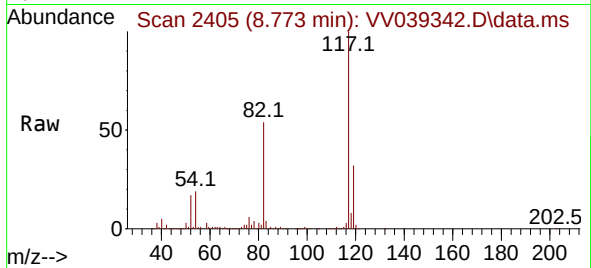
Tgt Ion: 95 Resp: 679674
Ion Ratio Lower Upper
95 100
174 78.9 0.0 153.6
176 75.3 0.0 146.0



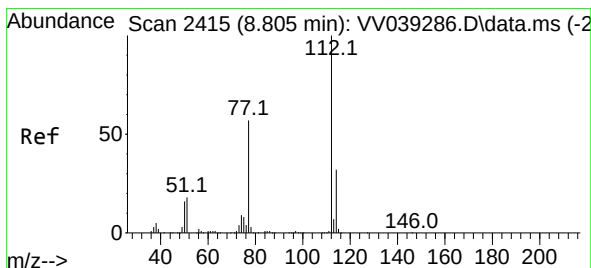
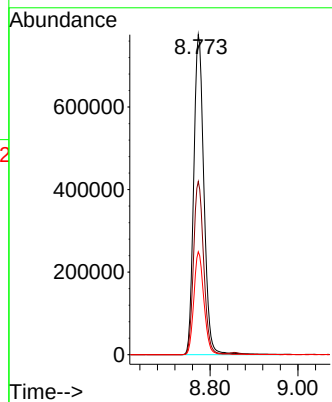
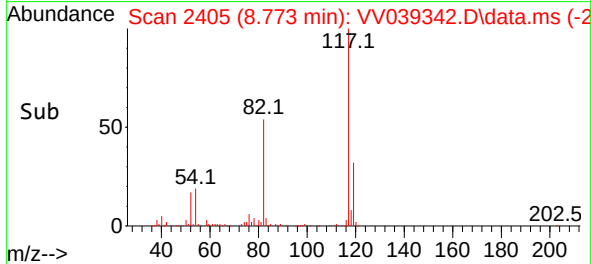


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :

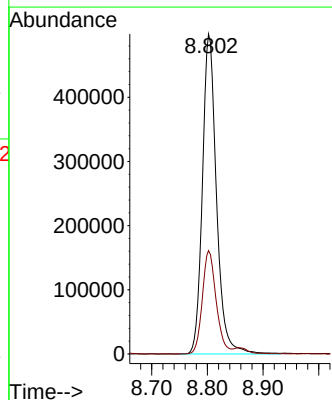
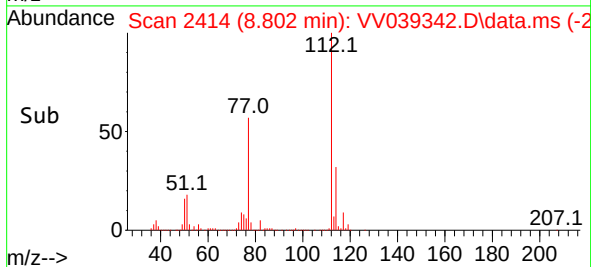
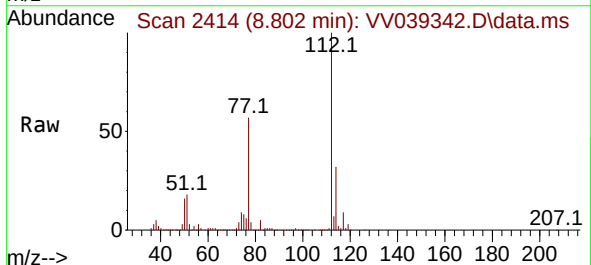


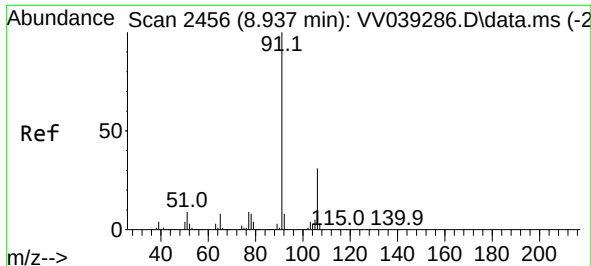
Tgt Ion:117 Resp: 1250476
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.1 25.8 38.6



#65
Chlorobenzene
Concen: 29.583 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:112 Resp: 875724
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





#67

Ethyl Benzene

Concen: 0.211 ug/l

RT: 8.947 min Scan# 2456

Delta R.T. 0.010 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

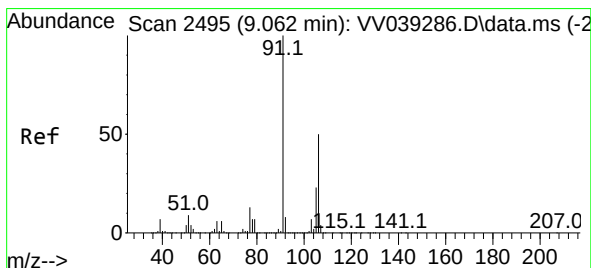
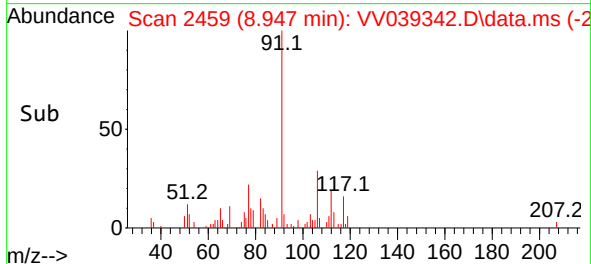
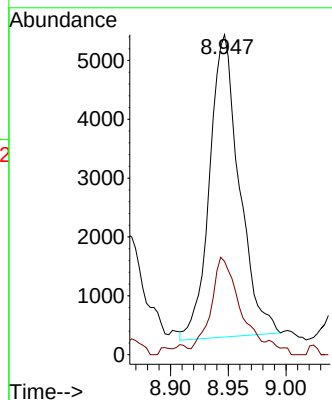
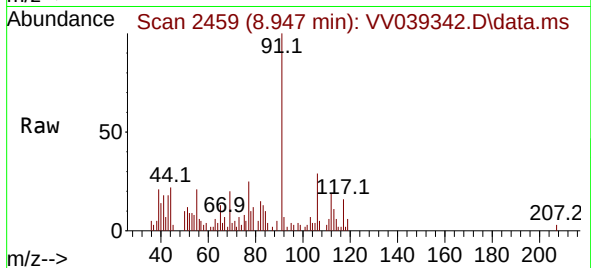
ClientSampleId :

Tgt Ion: 91 Resp: 9209

Ion Ratio Lower Upper

91 100

106 29.1 24.6 37.0



#68

m/p-Xylenes

Concen: 0.463 ug/l

RT: 9.075 min Scan# 2499

Delta R.T. 0.013 min

Lab File: VV039342.D

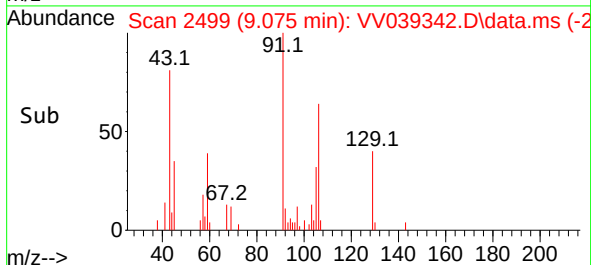
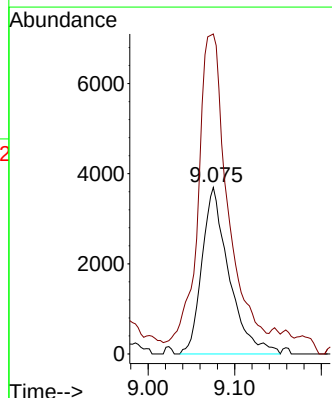
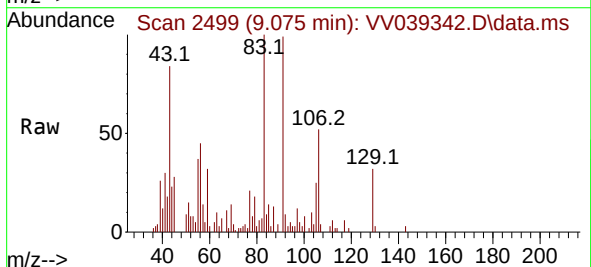
Acq: 05 Nov 2025 17:43

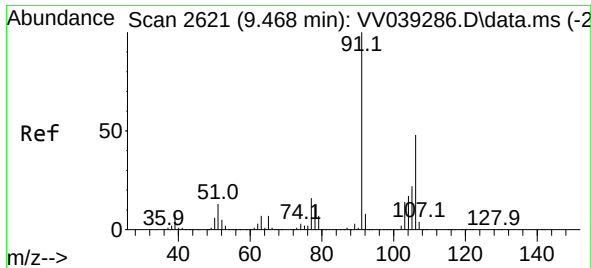
Tgt Ion: 106 Resp: 8006

Ion Ratio Lower Upper

106 100

91 195.9 160.2 240.2

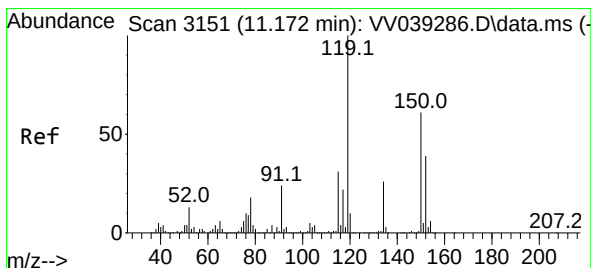
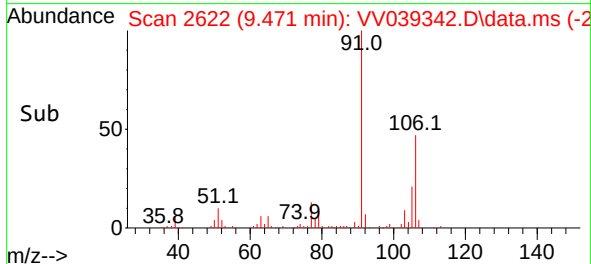
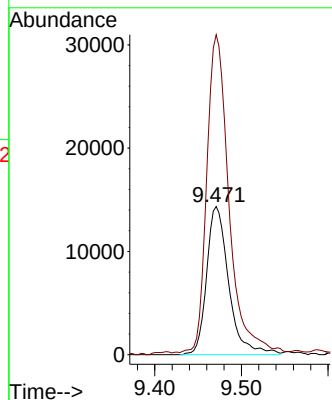
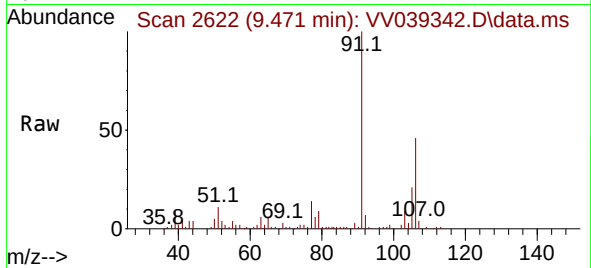




#69
o-Xylene
Concen: 1.666 ug/l
RT: 9.471 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

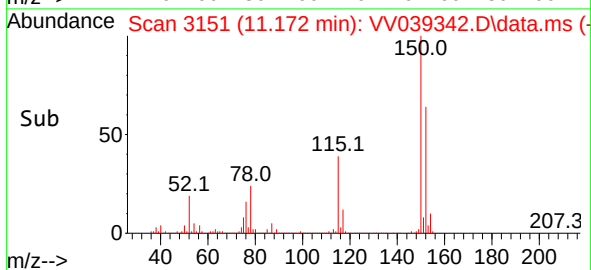
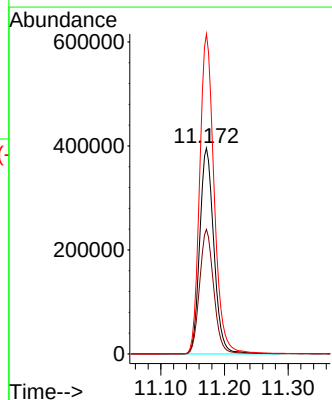
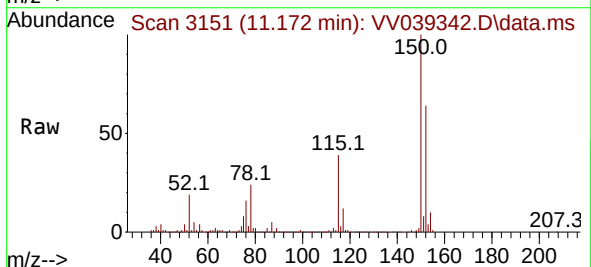
Instrument :
MSVOA_V
ClientSampleId :

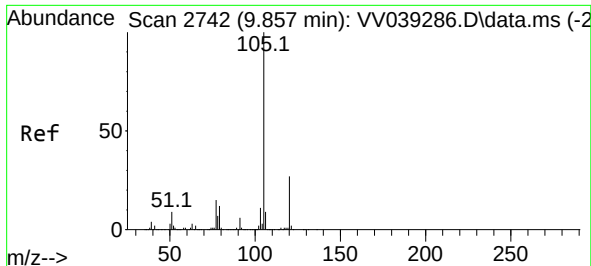
Tgt Ion:106 Resp: 25439
Ion Ratio Lower Upper
106 100
91 213.5 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:152 Resp: 611666
Ion Ratio Lower Upper
152 100
115 60.5 42.3 126.8
150 158.2 0.0 348.0

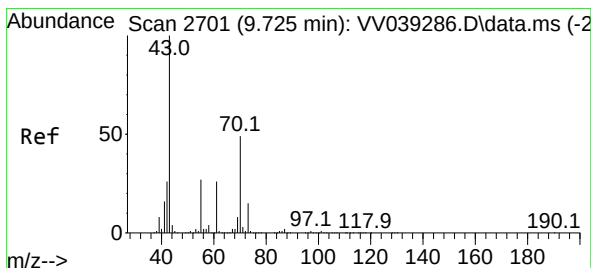
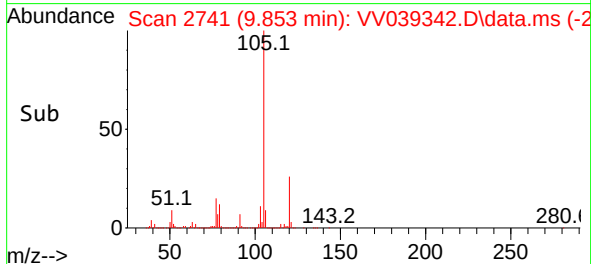
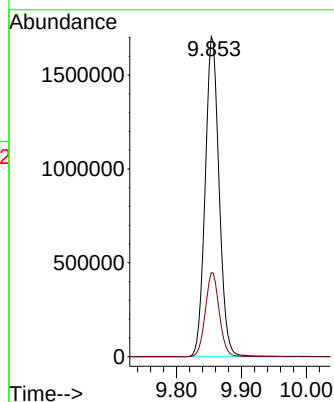
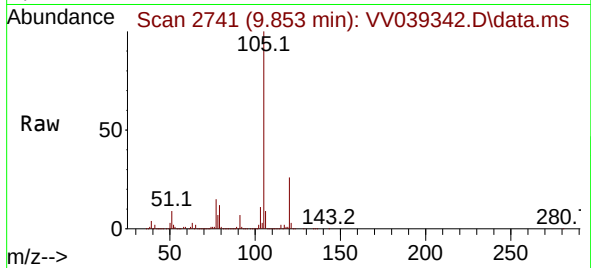




#73
Isopropylbenzene
Concen: 68.582 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

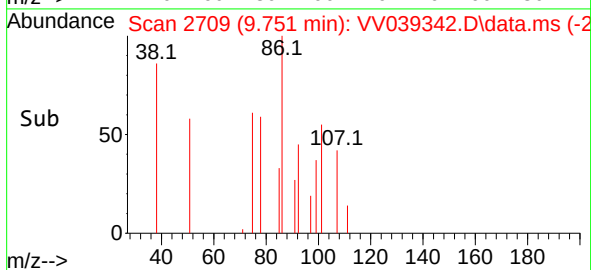
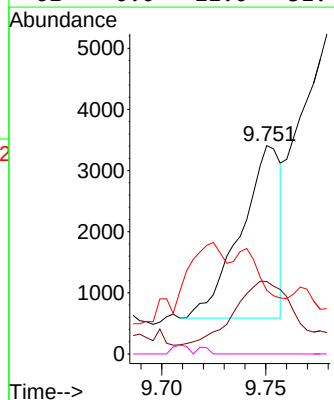
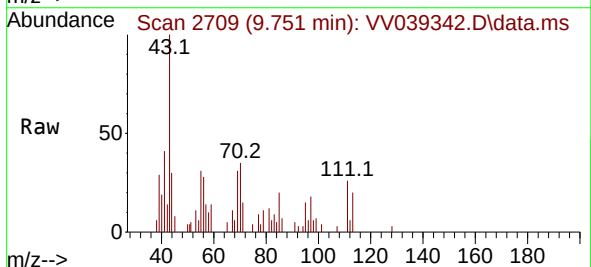
Instrument :
MSVOA_V
ClientSampleId :

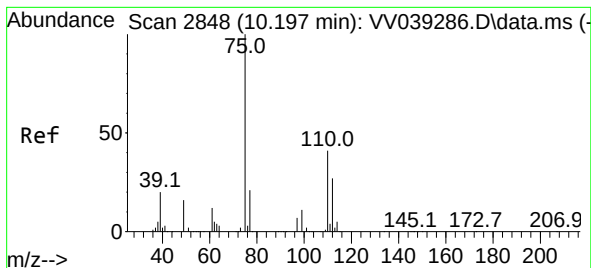
Tgt Ion:105 Resp: 2547351
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 0.246 ug/l
RT: 9.751 min Scan# 2709
Delta R.T. 0.026 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 43 Resp: 3764
Ion Ratio Lower Upper
43 100
70 55.6 38.6 58.0
55 0.0 21.9 32.9#
61 0.0 21.0 31.4#

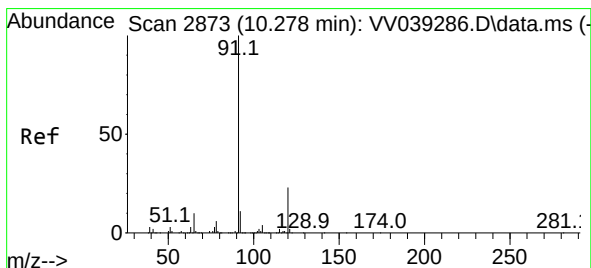
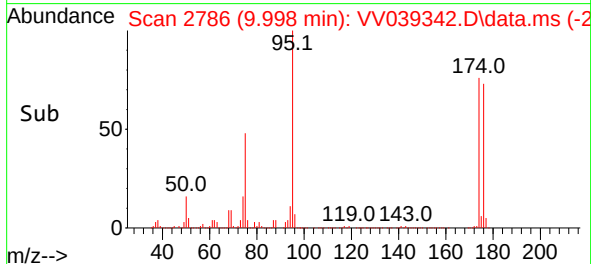
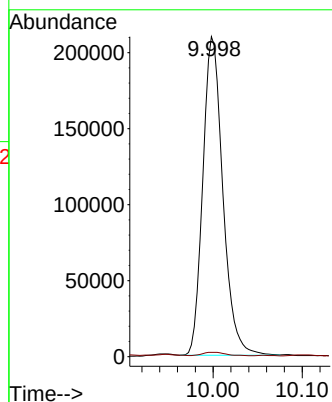
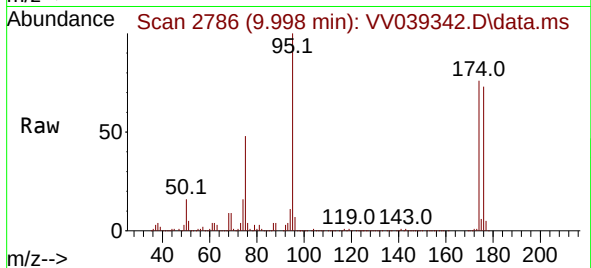




#76
1,2,3-Trichloropropane
Concen: 26.843 ug/l
RT: 9.998 min Scan# 21
Delta R.T. -0.199 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

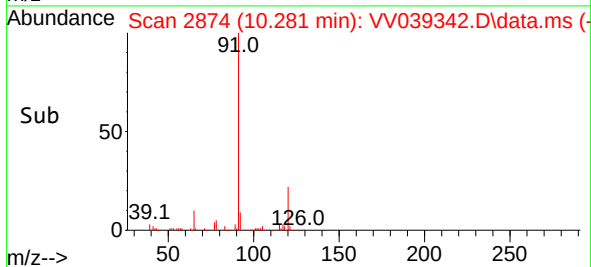
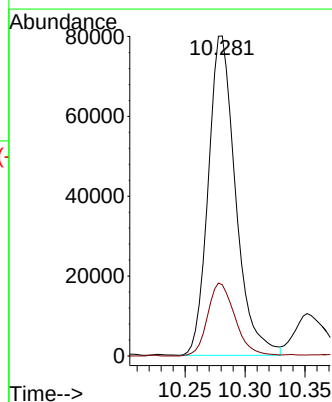
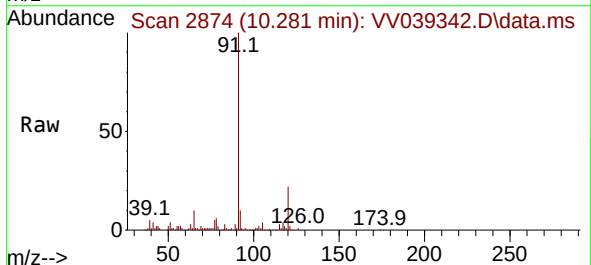
Instrument :
MSVOA_V
ClientSampleId :

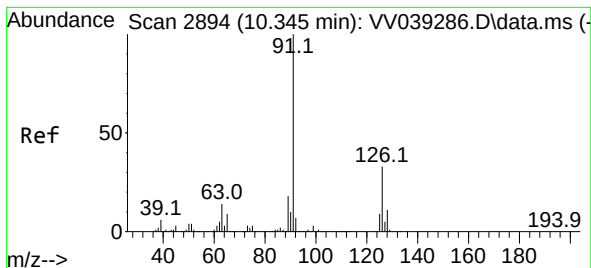
Tgt Ion: 75 Resp: 327702
Ion Ratio Lower Upper
75 100
77 1.3 12.2 36.4#



#78
n-propylbenzene
Concen: 2.823 ug/l
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 91 Resp: 127212
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.606 ug/l

RT: 10.352 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

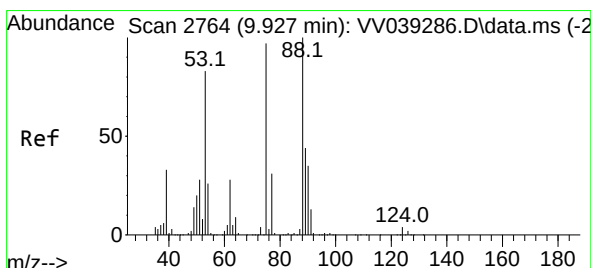
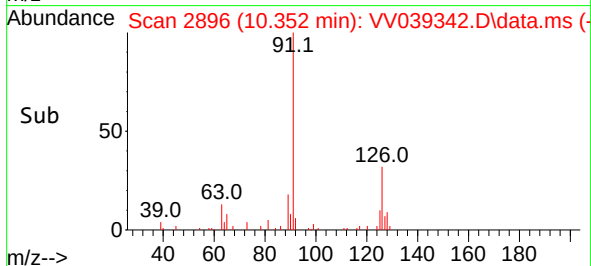
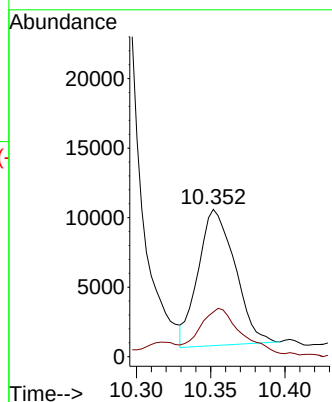
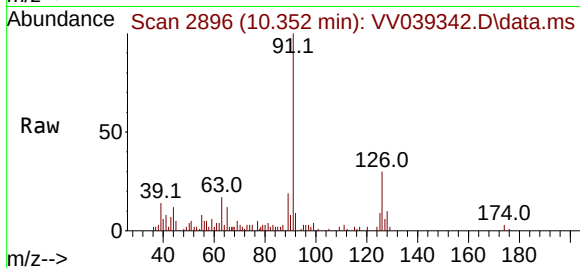
ClientSampleId :

Tgt Ion: 91 Resp: 16871

Ion Ratio Lower Upper

91 100

126 37.8 16.9 50.6



#81

trans-1,4-Dichloro-2-butene

Concen: 67.791 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.071 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

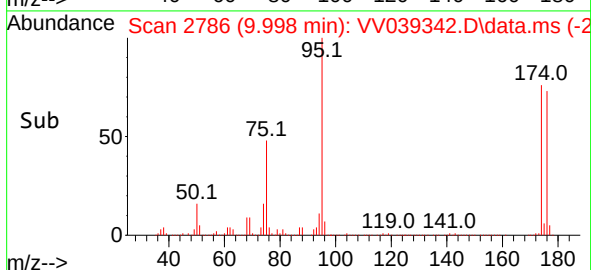
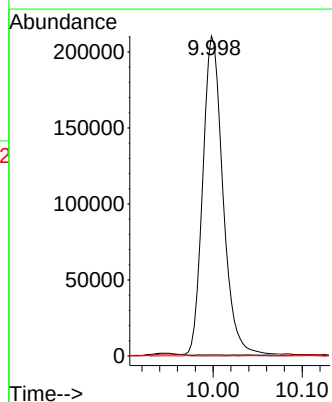
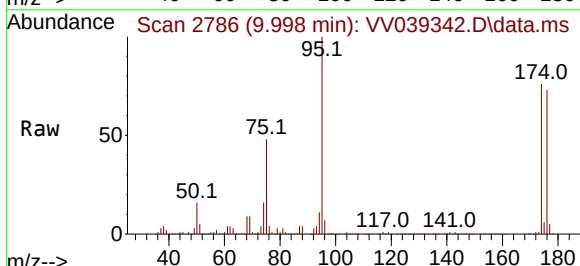
Tgt Ion: 75 Resp: 327702

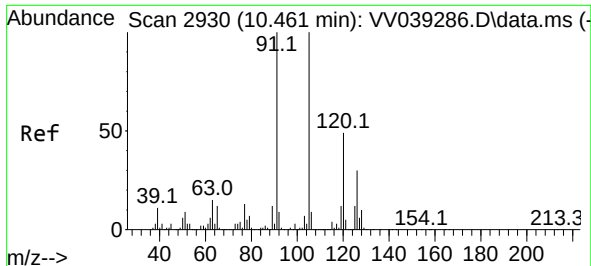
Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 37.4 56.0#

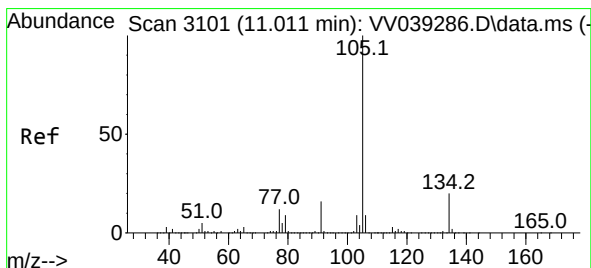
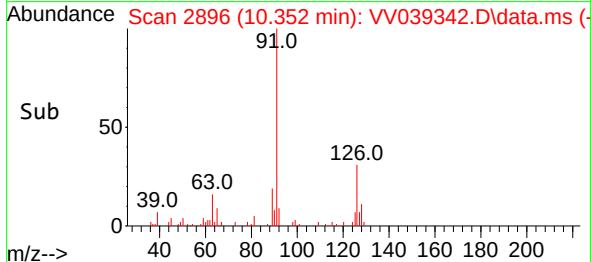
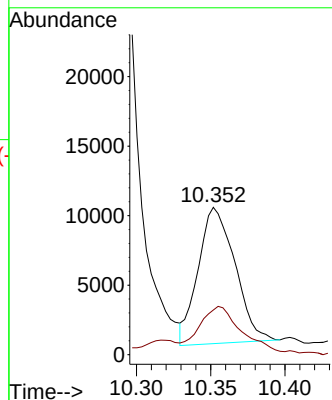
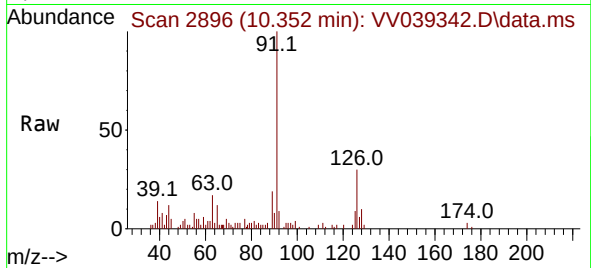




#82
4-Chlorotoluene
Concen: 0.527 ug/l
RT: 10.352 min Scan# 21
Delta R.T. -0.109 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

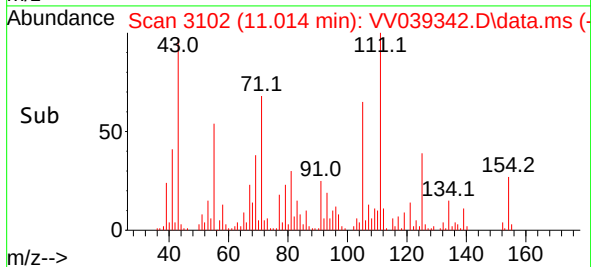
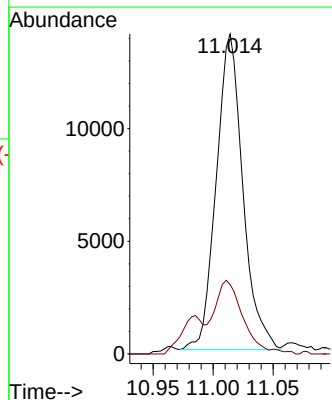
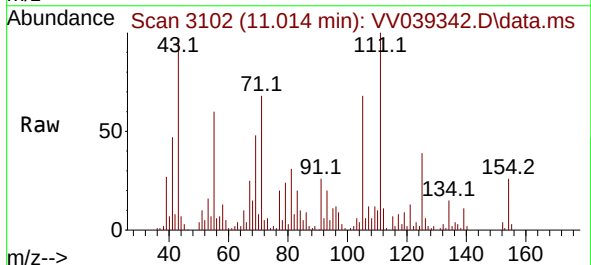
Instrument :
MSVOA_V
ClientSampleId :

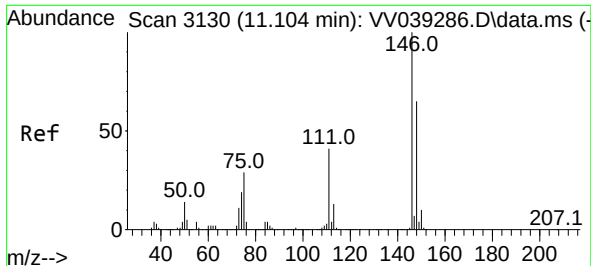
Tgt Ion: 91 Resp: 16871
Ion Ratio Lower Upper
91 100
126 37.8 14.8 44.4



#85
sec-Butylbenzene
Concen: 0.553 ug/l
RT: 11.014 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion: 105 Resp: 21610
Ion Ratio Lower Upper
105 100
134 24.6 9.8 29.5

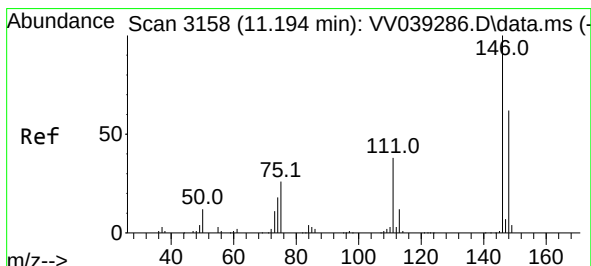
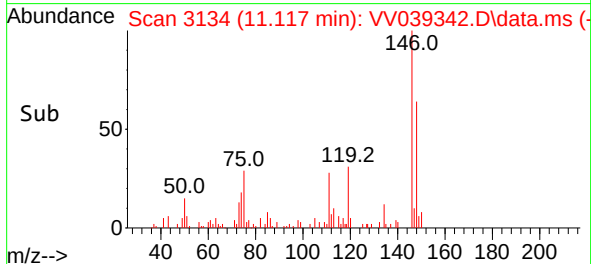
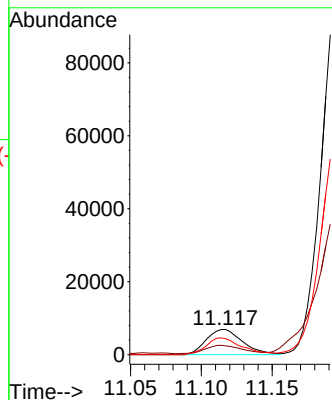
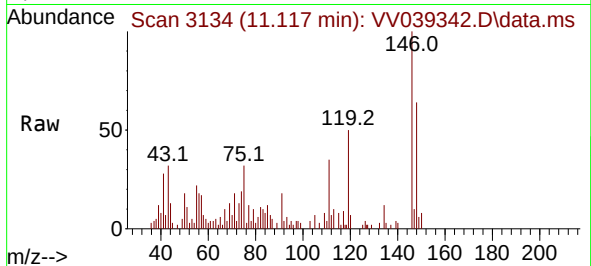




#87
1,3-Dichlorobenzene
Concen: 0.605 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

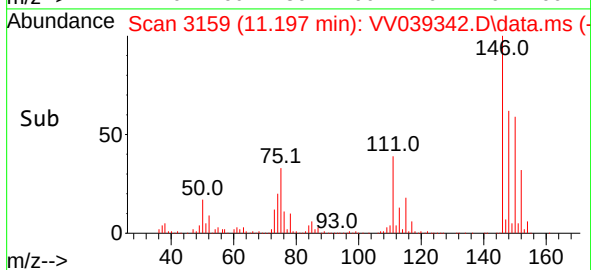
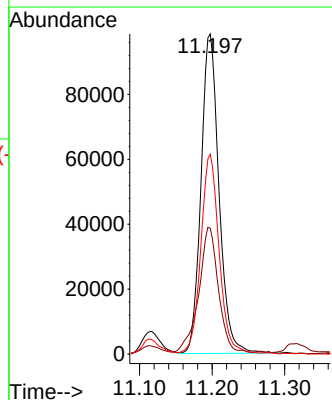
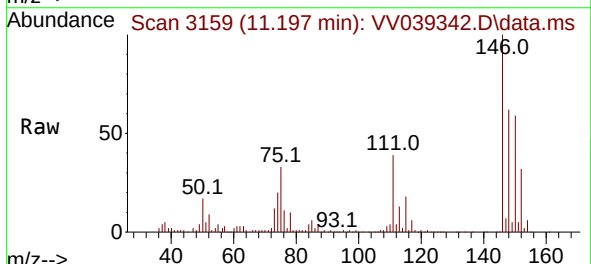
Instrument :
MSVOA_V
ClientSampleId :

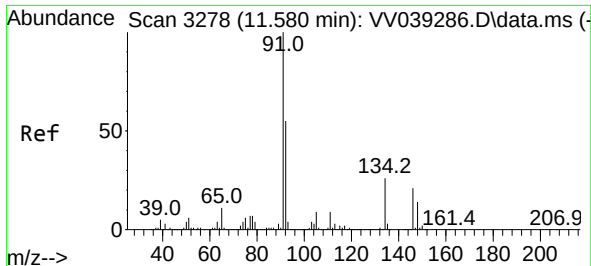
Tgt Ion:146 Resp: 12328
Ion Ratio Lower Upper
146 100
111 33.5 20.6 61.8
148 64.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 7.433 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:146 Resp: 169419
Ion Ratio Lower Upper
146 100
111 42.7 19.7 59.0
148 62.9 31.5 94.5





#89

n-Butylbenzene

Concen: 0.709 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039342.D

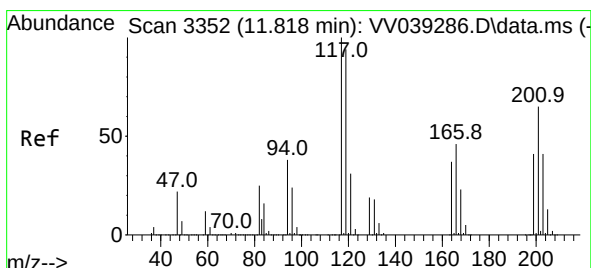
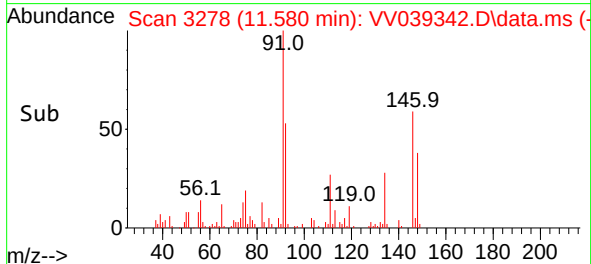
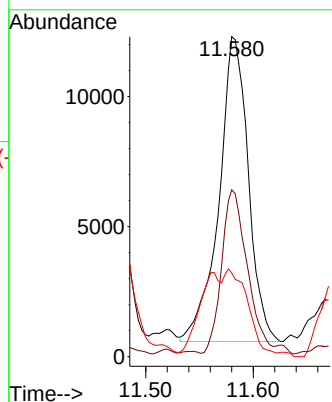
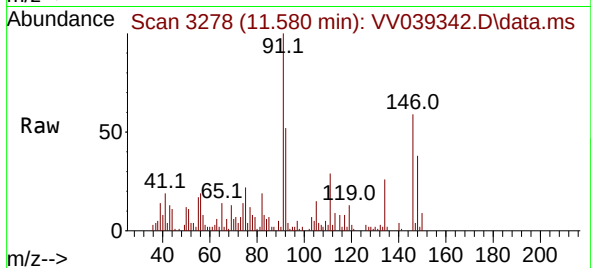
Acq: 05 Nov 2025 17:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91	Resp: 22210
Ion Ratio	Lower Upper
91	100
92	46.7 26.9 80.6
134	19.3 12.6 37.8



#90

Hexachloroethane

Concen: 0.845 ug/l

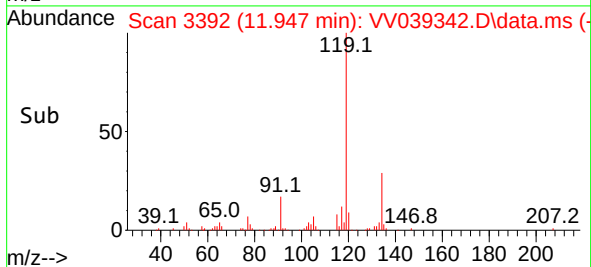
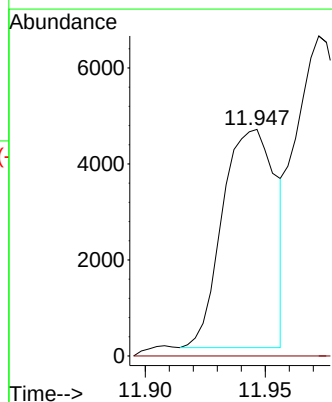
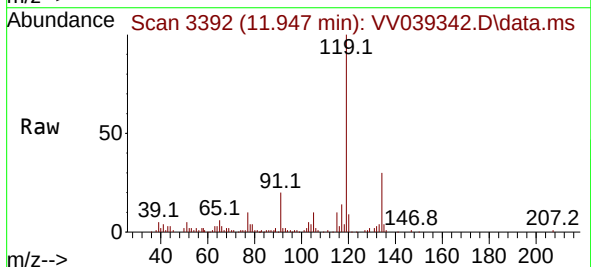
RT: 11.947 min Scan# 3392

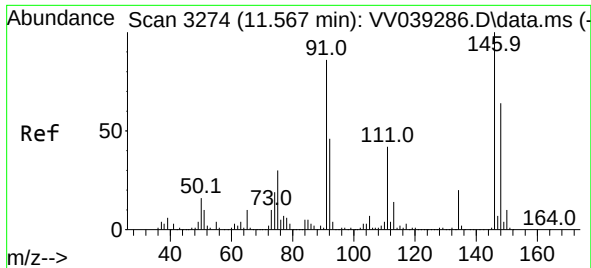
Delta R.T. 0.129 min

Lab File: VV039342.D

Acq: 05 Nov 2025 17:43

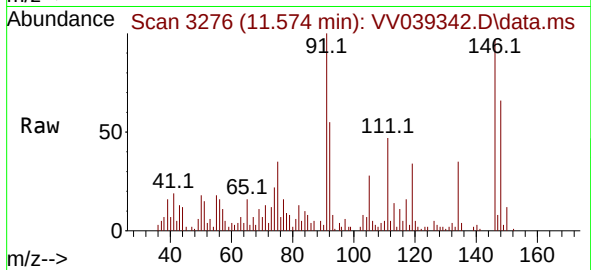
Tgt Ion: 117	Resp: 7027
Ion Ratio	Lower Upper
117	100
201	0.0 33.7 101.1#



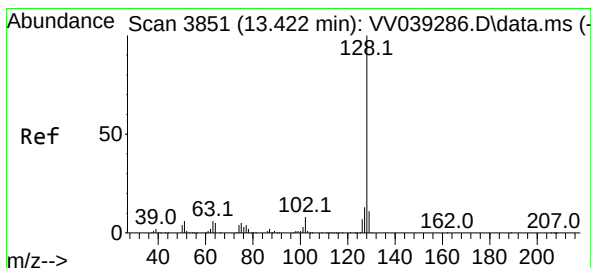
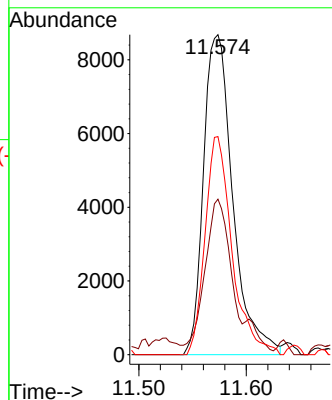
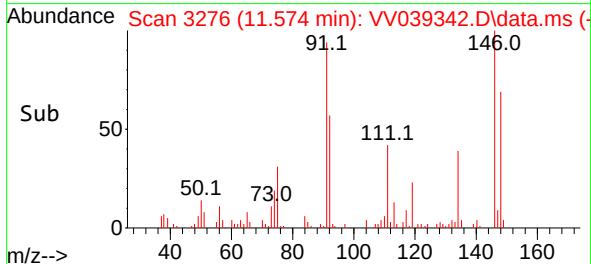


#91
1,2-Dichlorobenzene
Concen: 0.850 ug/l
RT: 11.574 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:146 Resp: 16468
Ion Ratio Lower Upper
146 100
111 37.7 21.3 64.0
148 62.9 31.9 95.7



#95
Naphthalene
Concen: 1.583 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.010 min
Lab File: VV039342.D
Acq: 05 Nov 2025 17:43

Tgt Ion:128 Resp: 56047
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 12.9 8.6 12.8#

