

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039339.D
 Acq On : 05 Nov 2025 16:35
 Operator : SY/MD
 Sample : Q3552-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 00:17:34 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	677683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1221893	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1164477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	566941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	521425	54.149	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	108.300%
35) Dibromofluoromethane	4.500	113	473047	49.134	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	98.260%
50) Toluene-d8	7.236	98	1469972	44.881	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.760%
62) 4-Bromofluorobenzene	9.998	95	533515	45.738	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.480%

Target Compounds				Qvalue		
3) Chloromethane	1.230	50	3583	0.402	ug/l	93
6) Chloroethane	1.564	64	25937	2.480	ug/l	96
8) Diethyl Ether	1.921	74	28894	5.145	ug/l	99
10) Methyl Iodide	2.211	142	1756	0.219	ug/l #	81
11) Tert butyl alcohol	2.564	59	322362	172.741	ug/l	97
13) Acrolein	2.005	56	229	Below Cal	#	1
14) Allyl chloride	2.561	41	60393	4.169	ug/l #	61
16) Acetone	2.127	43	7354	Below Cal		95
18) Methyl Acetate	2.561	43	46029	3.689	ug/l #	53
19) Methyl tert-butyl Ether	2.715	73	19561	0.711	ug/l #	76
20) Methylene Chloride	2.461	84	1458	Below Cal	#	83
22) Diisopropyl ether	3.223	45	8679	0.334	ug/l #	33
25) 2-Butanone	3.799	43	27205	4.620	ug/l #	76
26) 2,2-Dichloropropane	3.793	77	45521	3.244	ug/l #	52
29) Tetrahydrofuran	4.243	42	98616	26.190	ug/l	95
31) Cyclohexane	4.596	56	18688	1.473	ug/l #	21
36) 1,1-Dichloropropene	4.596	75	54107	4.474	ug/l #	49
37) Ethyl Acetate	3.799	43	27205	1.922	ug/l #	1
38) Carbon Tetrachloride	4.600	117	71494	4.853	ug/l #	16
40) Benzene	5.011	78	587138	15.132	ug/l	99
41) Methacrylonitrile	4.243	41	59124	11.126	ug/l #	37
49) 1,4-Dioxane	6.307	88	5935	41.552	ug/l #	89
52) Toluene	7.320	92	11156	0.476	ug/l	89
58) 2-Chloroethyl Vinyl ether	6.831	63	48	8.474	ug/l #	45
65) Chlorobenzene	8.802	112	744107	26.993	ug/l	99
68) m/p-Xylenes	9.079	106	6057	0.376	ug/l	94
69) o-Xylene	9.474	106	14029	0.986	ug/l	96
73) Isopropylbenzene	9.857	105	45797	1.330	ug/l	99
76) 1,2,3-Trichloropropane	9.998	75	253677	22.419	ug/l #	53
78) n-propylbenzene	10.284	91	24208	0.580	ug/l	96
81) trans-1,4-Dichloro-2-b...	9.998	75	253677	56.618	ug/l #	14
85) sec-Butylbenzene	11.014	105	11474	0.317	ug/l	93
87) 1,3-Dichlorobenzene	11.197	146	108124	5.728	ug/l	95
88) 1,4-Dichlorobenzene	11.197	146	108124	5.118	ug/l	93
89) n-Butylbenzene	11.583	91	6886	0.237	ug/l #	80
91) 1,2-Dichlorobenzene	11.574	146	10316	0.574	ug/l	97

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ALS Vial : 13 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :

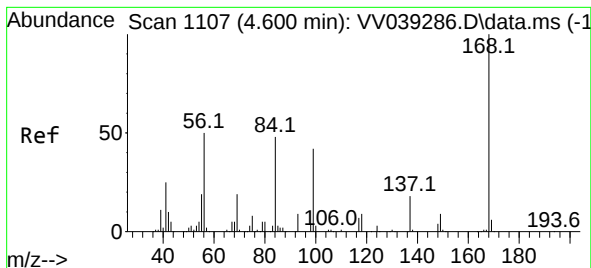
Quant Time: Nov 06 00:17:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.435	128	20930	0.638	ug/l #	91

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

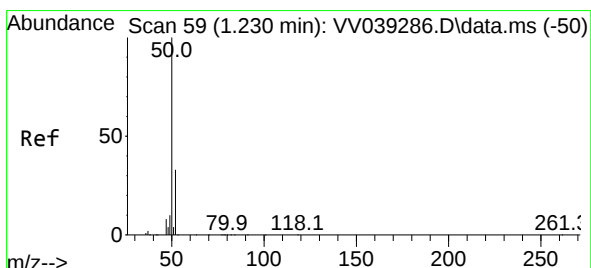
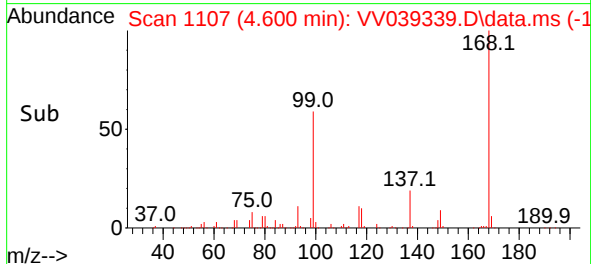
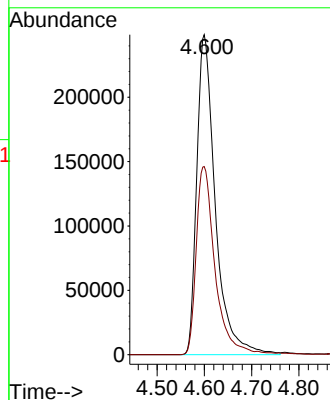
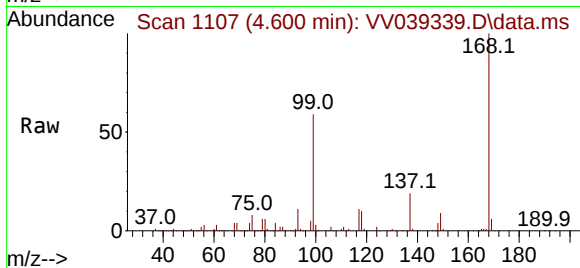
ClientSampleId :

Tgt Ion:168 Resp: 677683

Ion Ratio Lower Upper

168 100

99 58.8 46.6 70.0



#3

Chloromethane

Concen: 0.402 ug/l

RT: 1.230 min Scan# 59

Delta R.T. -0.000 min

Lab File: VV039339.D

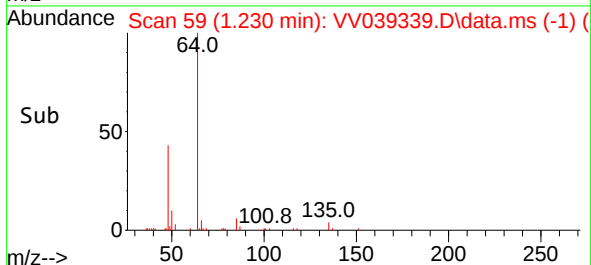
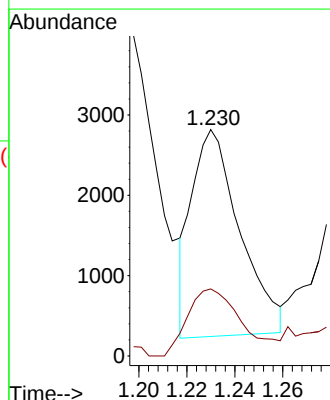
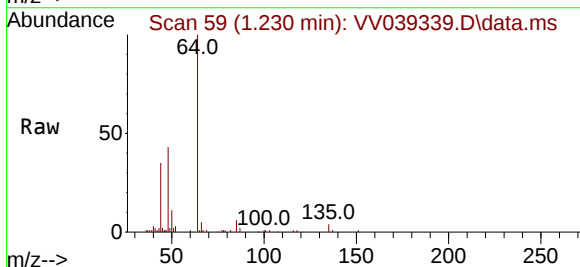
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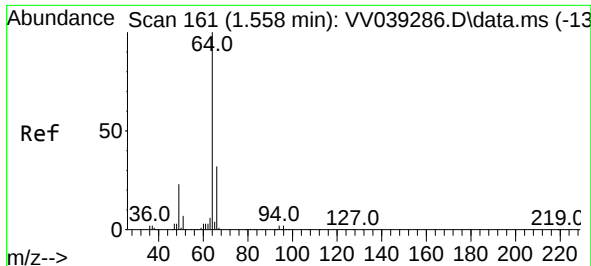
Tgt Ion: 50 Resp: 3583

Ion Ratio Lower Upper

50 100

52 29.3 26.6 39.8

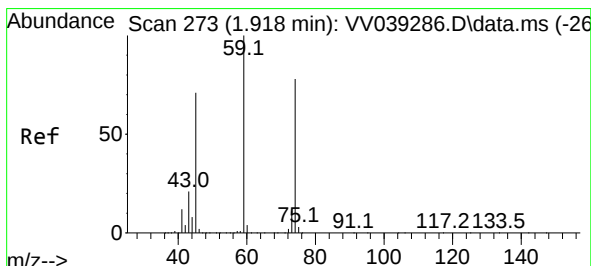
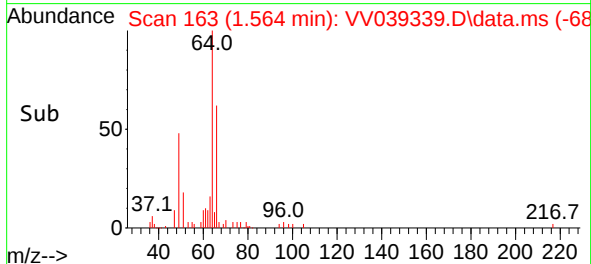
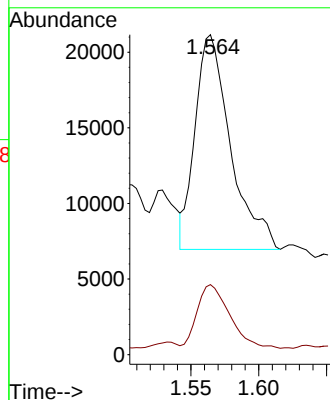
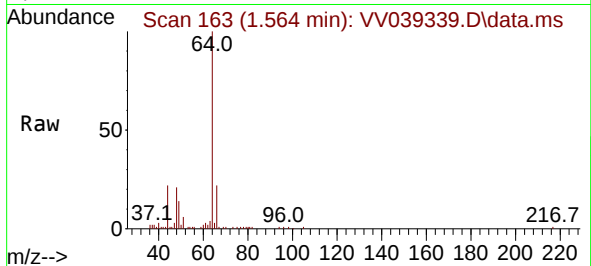




#6
Chloroethane
Concen: 2.480 ug/l
RT: 1.564 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

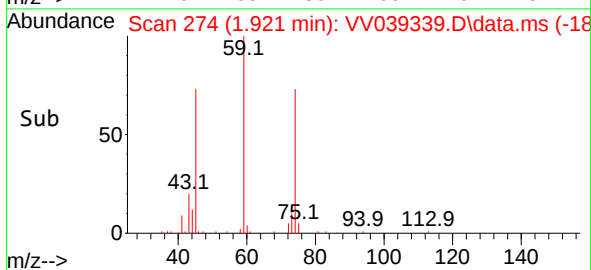
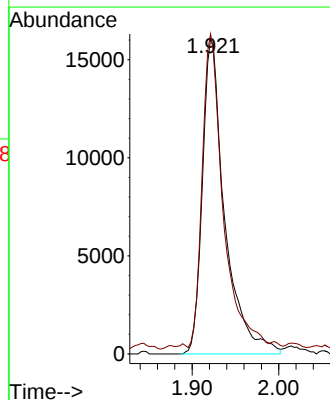
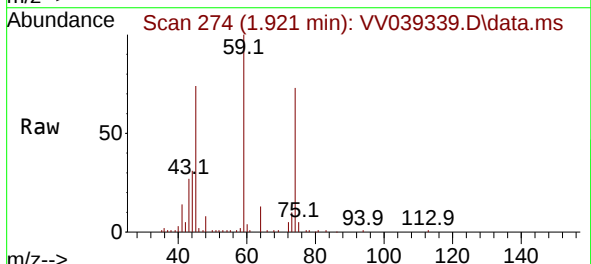
Instrument :
MSVOA_V
ClientSampleId :

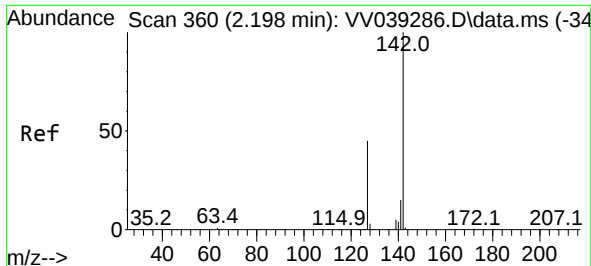
Tgt Ion: 64 Resp: 25937
Ion Ratio Lower Upper
64 100
66 29.7 25.7 38.5



#8
Diethyl Ether
Concen: 5.145 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

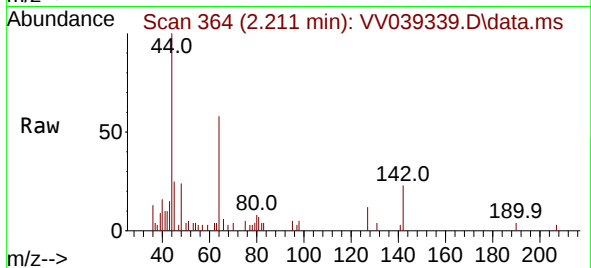
Tgt Ion: 74 Resp: 28894
Ion Ratio Lower Upper
74 100
45 92.7 45.9 137.7



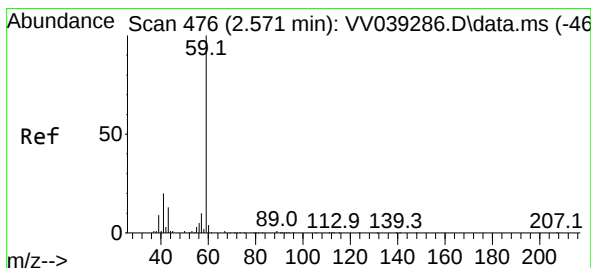
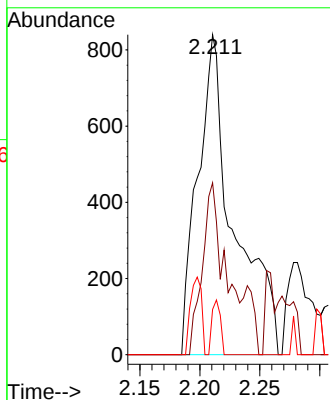
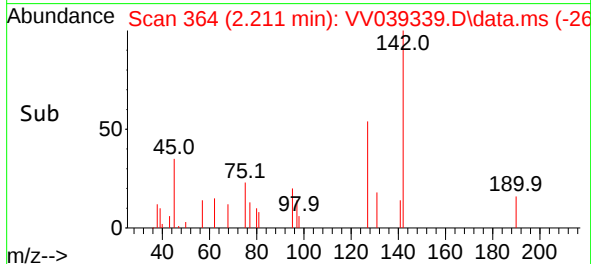


#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.211 min Scan# 364
Delta R.T. 0.013 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :

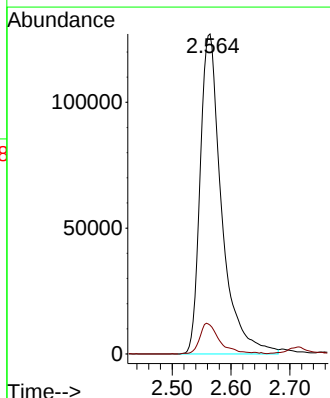
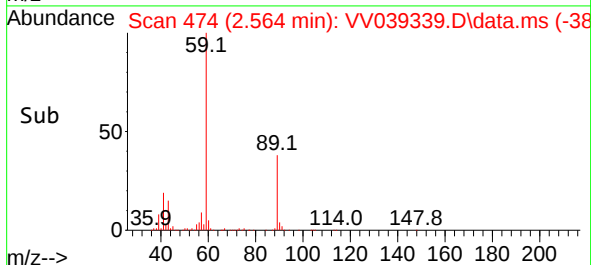
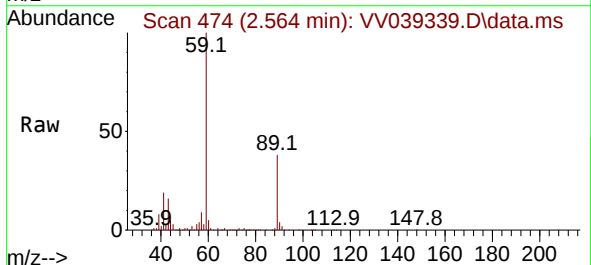


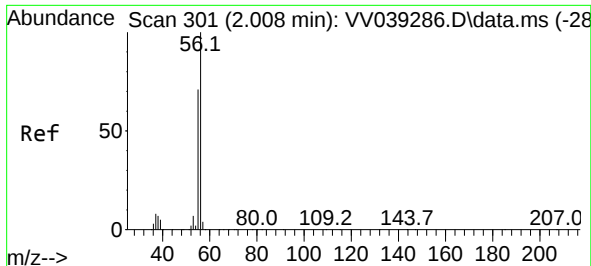
Tgt Ion:142 Resp: 1756
Ion Ratio Lower Upper
142 100
127 33.7 35.5 53.3#
141 4.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 172.741 ug/l
RT: 2.564 min Scan# 474
Delta R.T. -0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 59 Resp: 322362
Ion Ratio Lower Upper
59 100
57 8.8 8.1 12.1

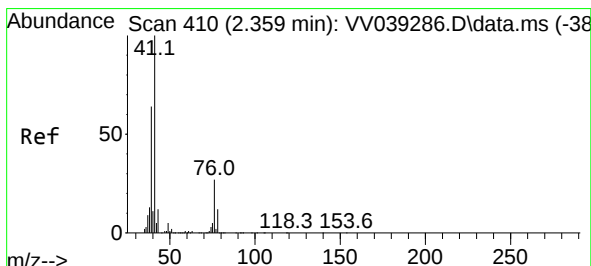
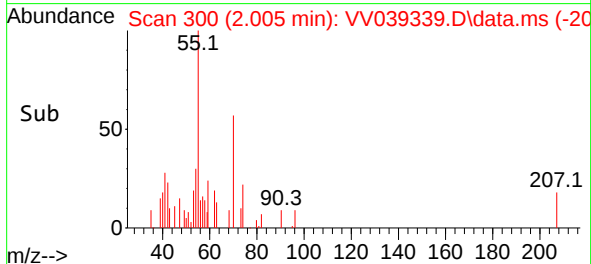
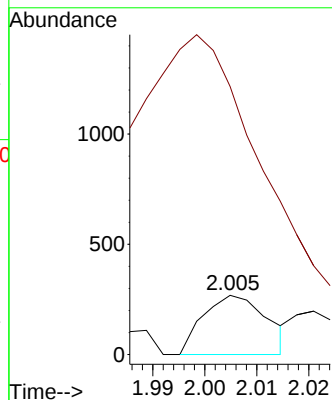
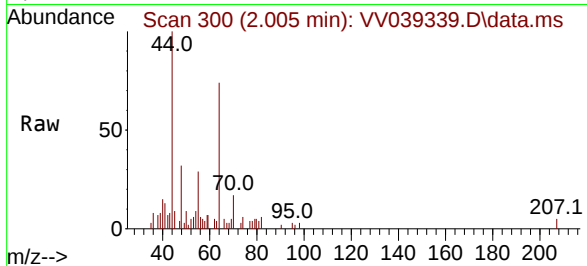




#13
Acrolein
Concen: Below Cal
RT: 2.005 min Scan# 301
Delta R.T. -0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

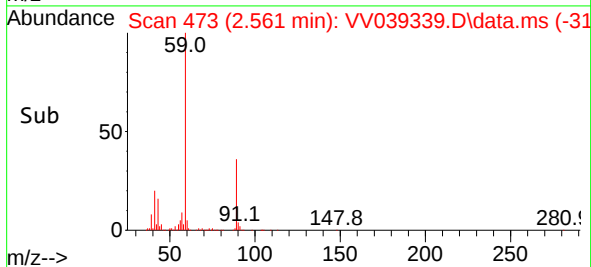
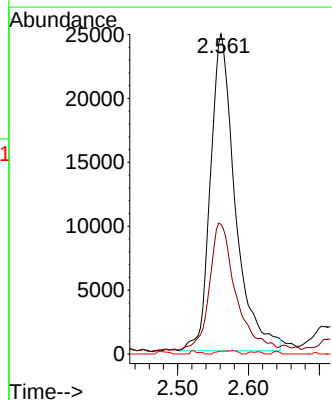
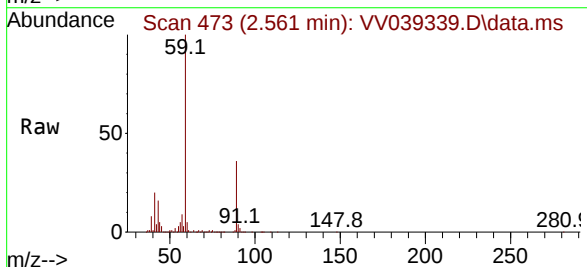
Instrument :
MSVOA_V
ClientSampleId :

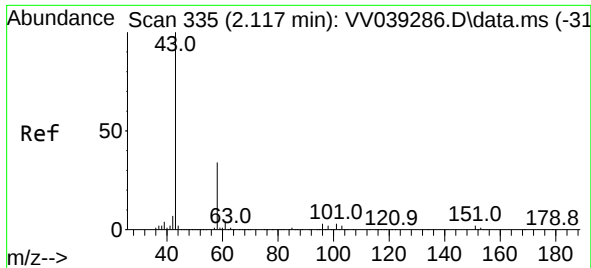
Tgt Ion: 56 Resp: 229
Ion Ratio Lower Upper
56 100
55 923.6 56.2 84.4#



#14
Allyl chloride
Concen: 4.169 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.203 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 41 Resp: 60393
Ion Ratio Lower Upper
41 100
39 41.6 47.8 71.6#
76 0.8 30.2 45.2#

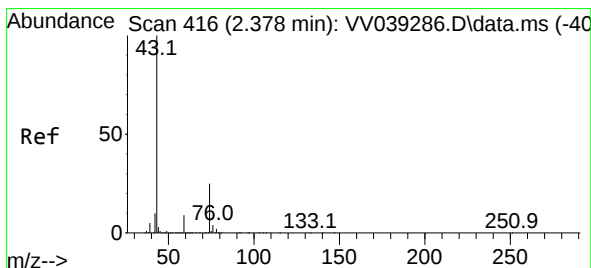
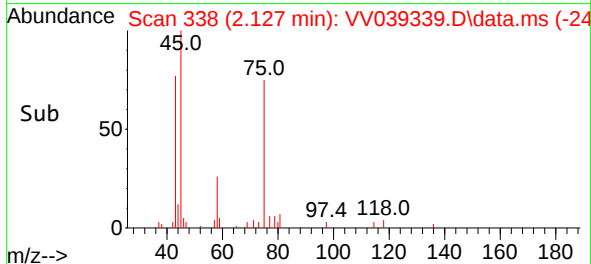
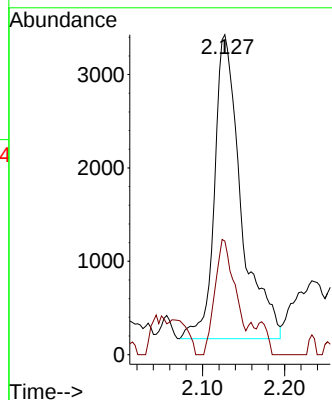
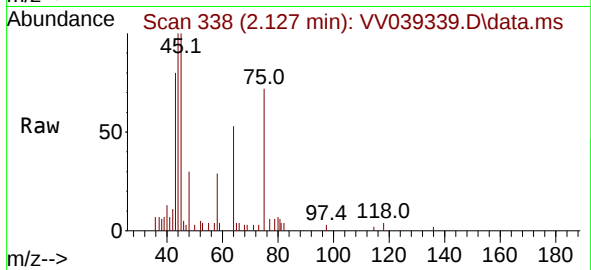




#16
Acetone
Concen: Below Cal
RT: 2.127 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

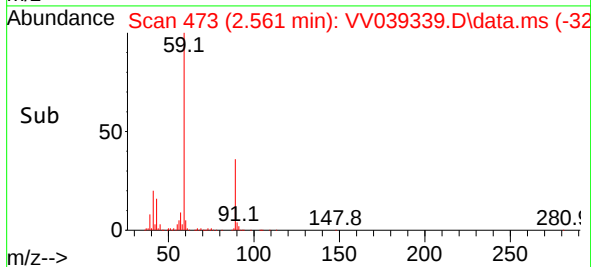
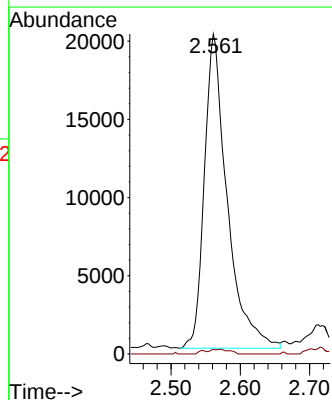
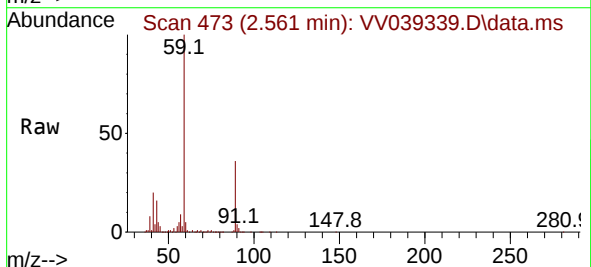
Instrument :
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ClientSampleId :

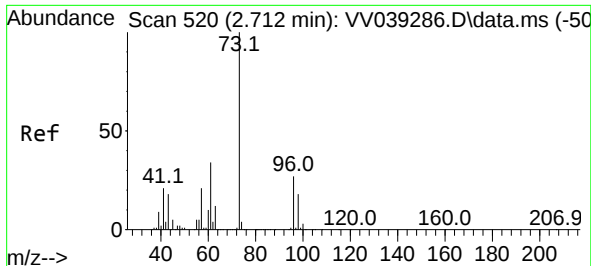
Tgt Ion: 43 Resp: 7354
Ion Ratio Lower Upper
43 100
58 37.4 27.5 41.3



#18
Methyl Acetate
Concen: 3.689 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.183 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

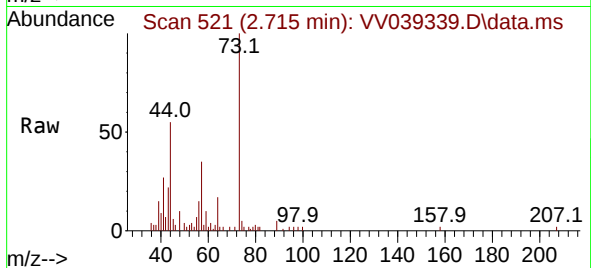
Tgt Ion: 43 Resp: 46029
Ion Ratio Lower Upper
43 100
74 1.2 19.5 29.3#



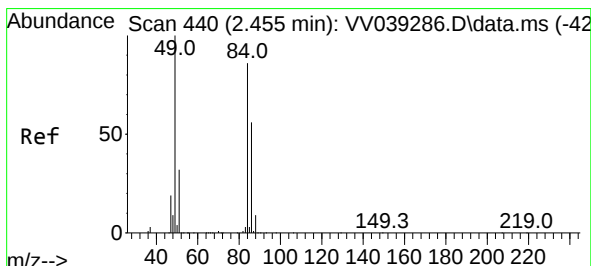
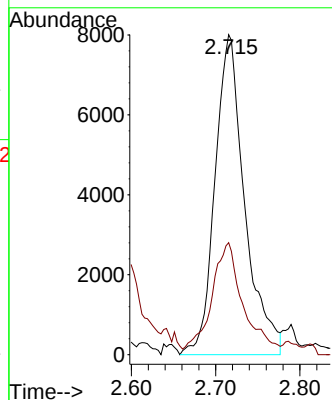
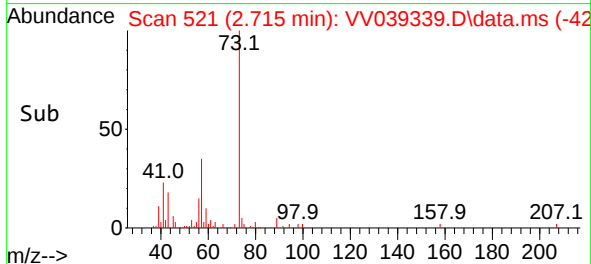


#19
Methyl tert-butyl Ether
Concen: 0.711 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :

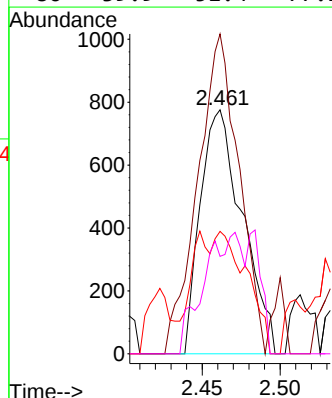
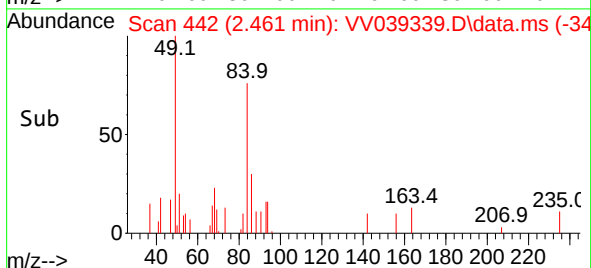
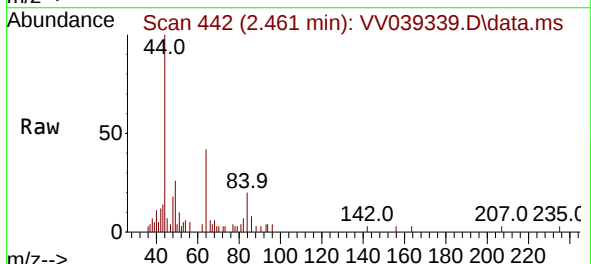


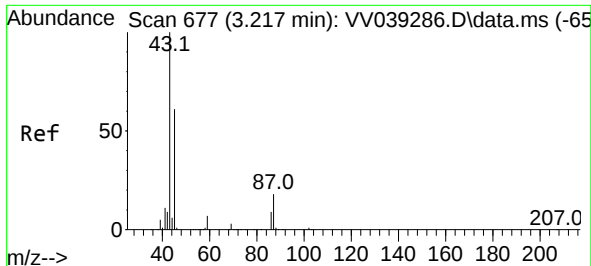
Tgt Ion: 73 Resp: 19561
Ion Ratio Lower Upper
73 100
57 32.4 17.0 25.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

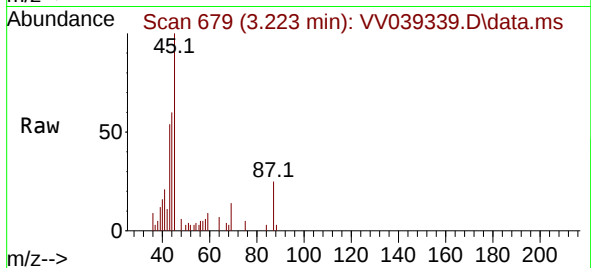
Tgt Ion: 84 Resp: 1458
Ion Ratio Lower Upper
84 100
49 107.3 92.6 139.0
51 50.1 29.6 44.4#
86 39.9 51.4 77.2#



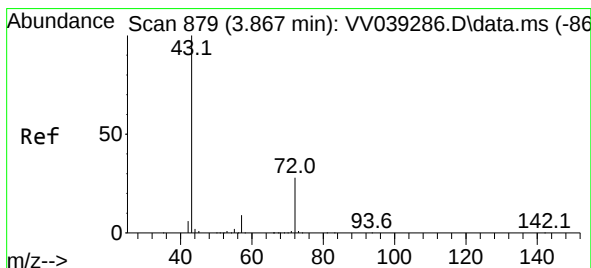
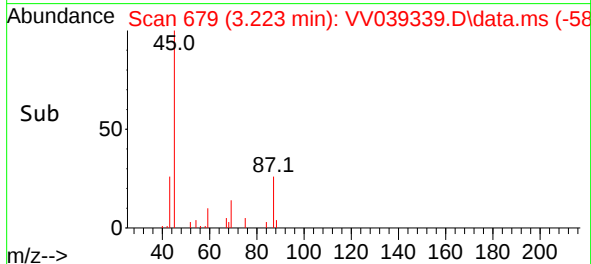
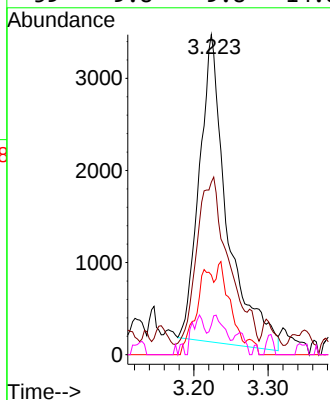


#22
Diisopropyl ether
Concen: 0.334 ug/l
RT: 3.223 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :

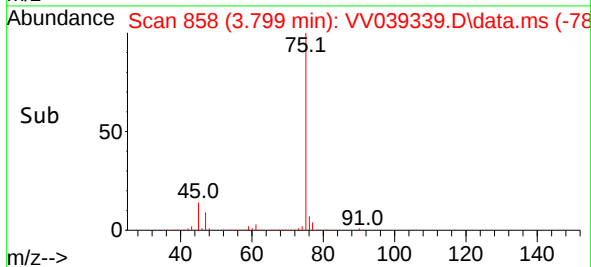
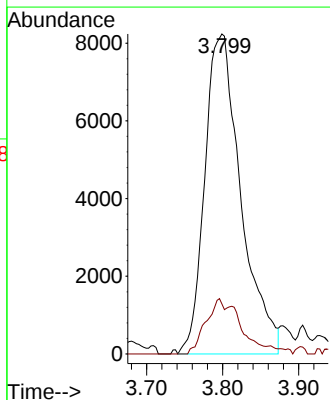
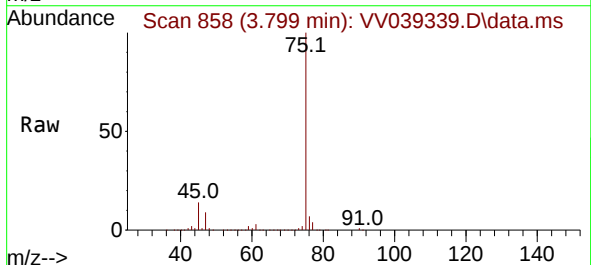


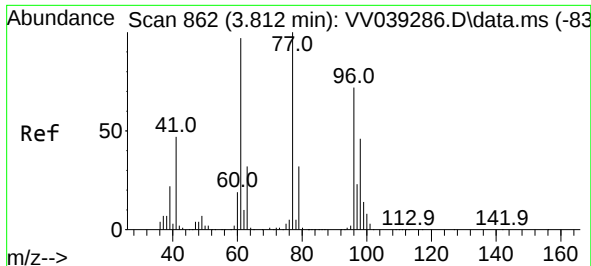
Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.2	130.8	196.2#
87	26.3	23.8	35.8
59	9.8	9.8	14.8#



#25
2-Butanone
Concen: 4.620 ug/l
RT: 3.799 min Scan# 858
Delta R.T. -0.068 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
72	15.6	22.6	34.0#





#26

2,2-Dichloropropane

Concen: 3.244 ug/l

RT: 3.793 min Scan# 81

Delta R.T. -0.019 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

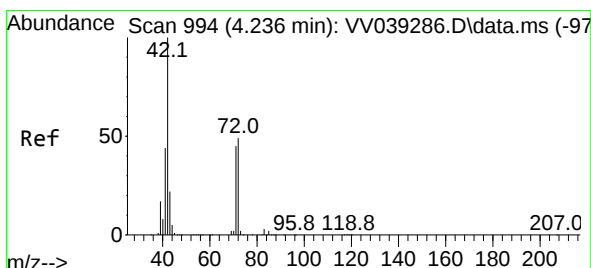
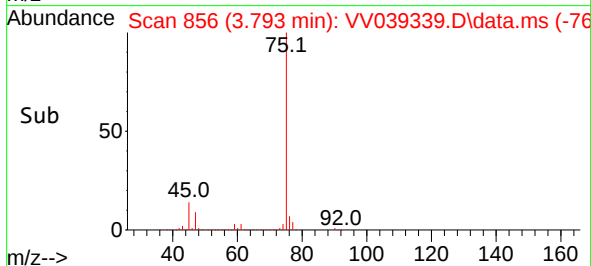
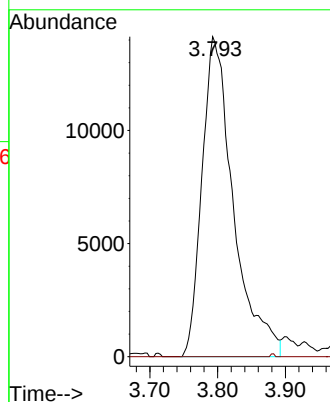
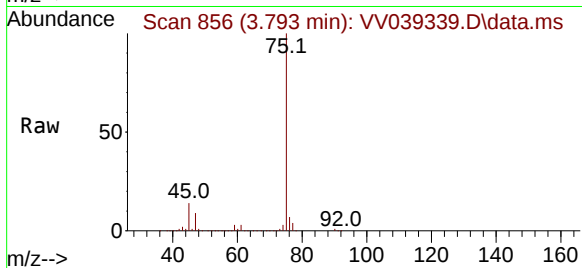
ClientSampleId :

Tgt Ion: 77 Resp: 45521

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#29

Tetrahydrofuran

Concen: 26.190 ug/l

RT: 4.243 min Scan# 996

Delta R.T. 0.006 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

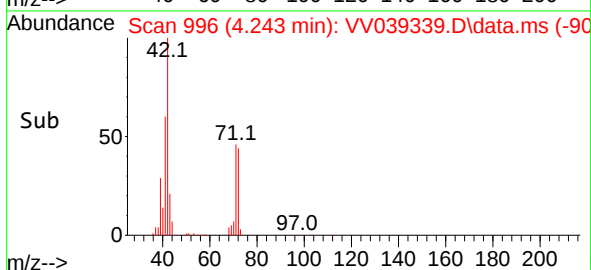
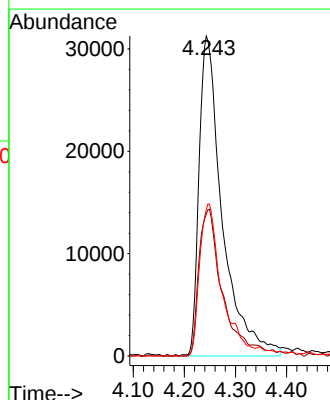
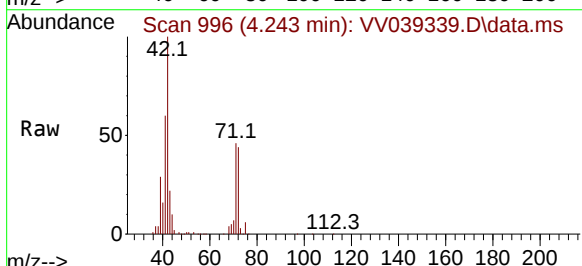
Tgt Ion: 42 Resp: 98616

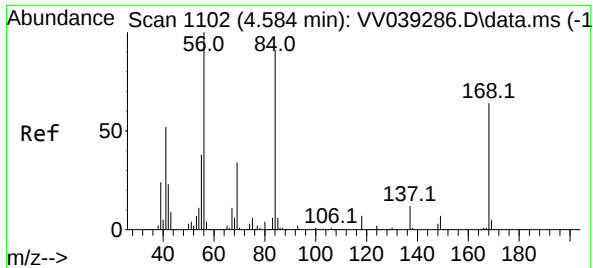
Ion Ratio Lower Upper

42 100

72 44.5 39.8 59.8

71 44.9 36.5 54.7

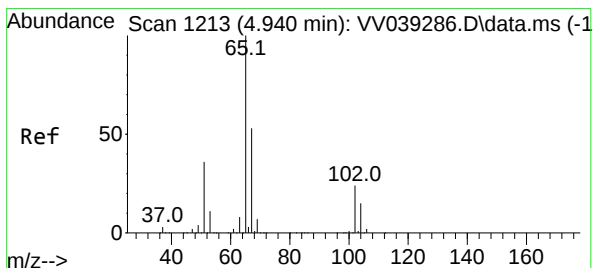
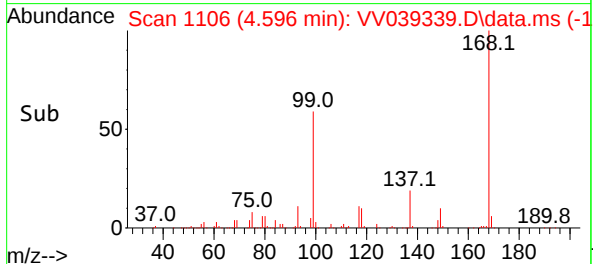
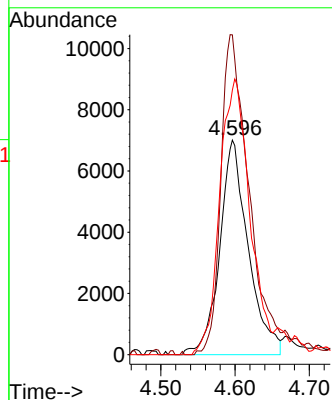
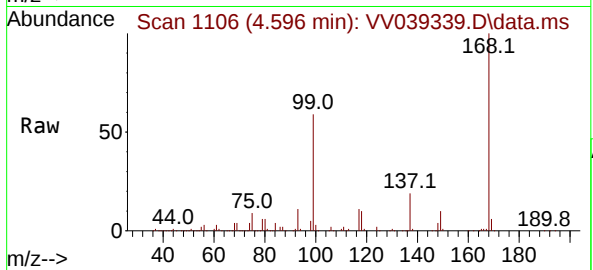




#31
Cyclohexane
Concen: 1.473 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

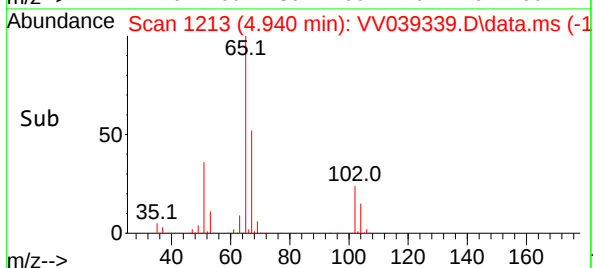
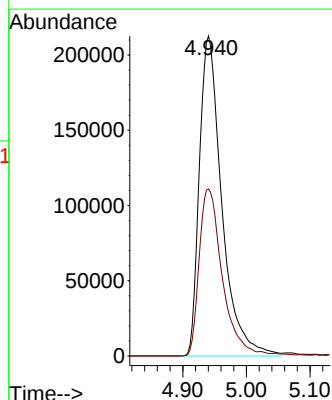
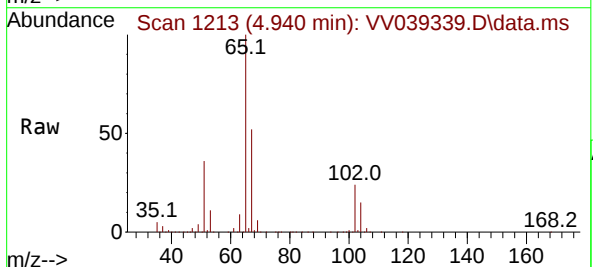
Instrument :
MSVOA_V
ClientSampleId :

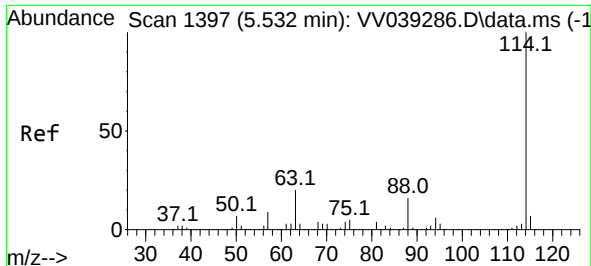
Tgt Ion: 56 Resp: 18688
Ion Ratio Lower Upper
56 100
69 149.1 27.4 41.0#
84 123.2 72.8 109.2#



#33
1,2-Dichloroethane-d4
Concen: 54.149 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 65 Resp: 521425
Ion Ratio Lower Upper
65 100
67 53.6 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: VV039339.D

Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

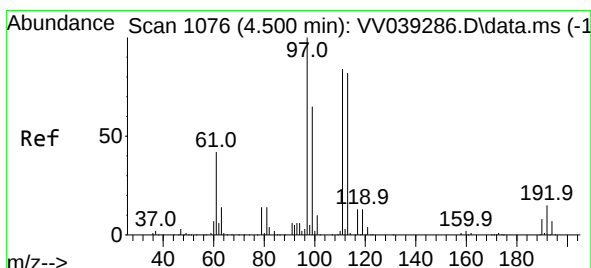
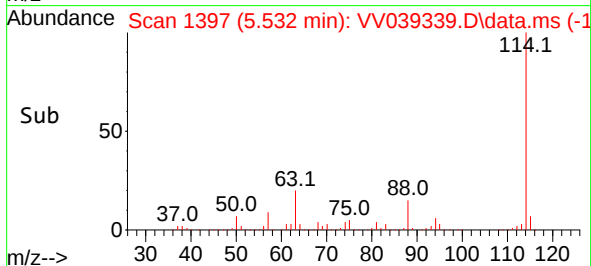
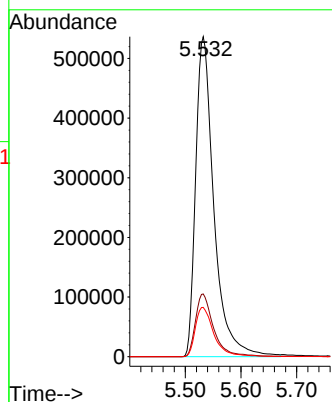
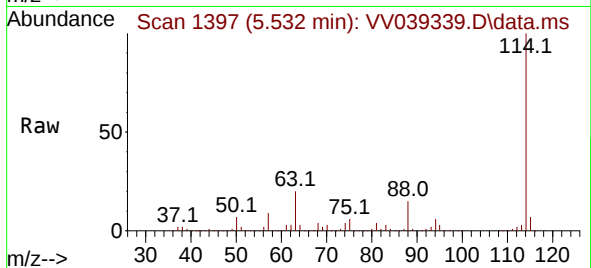
Tgt Ion:114 Resp: 1221893

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.4 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.134 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

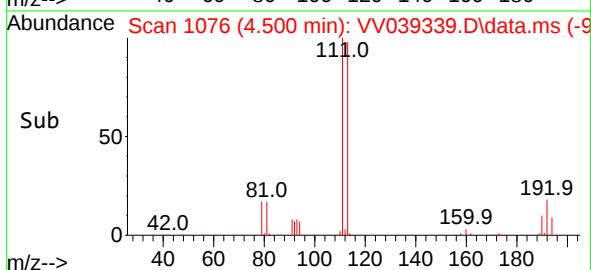
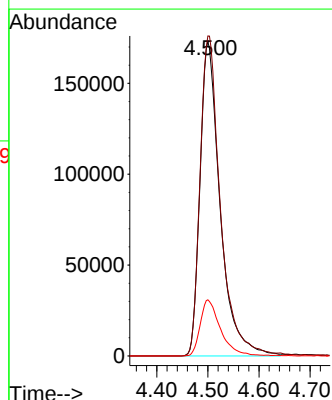
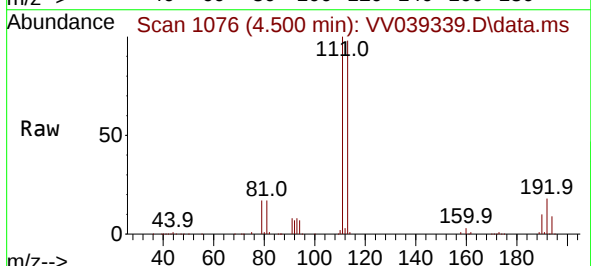
Tgt Ion:113 Resp: 473047

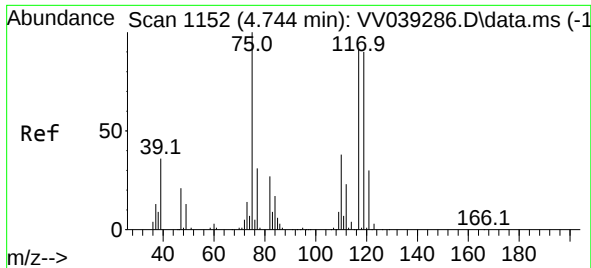
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 18.0 14.3 21.5

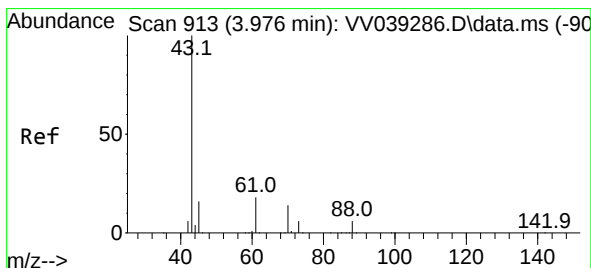
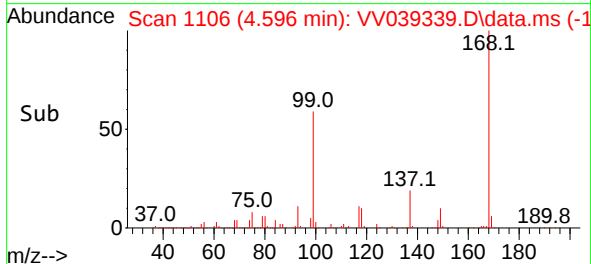
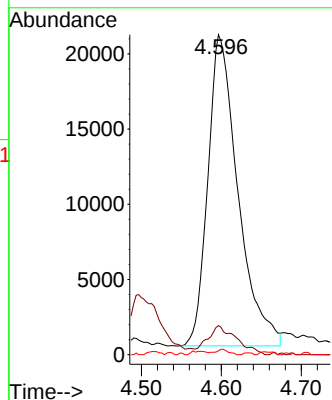
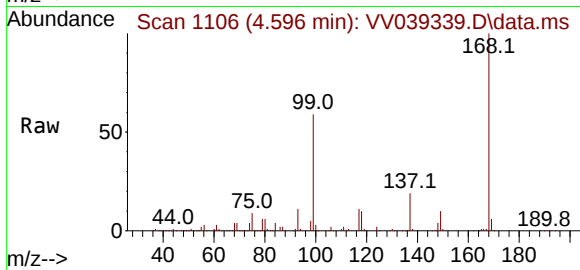




#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.148 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

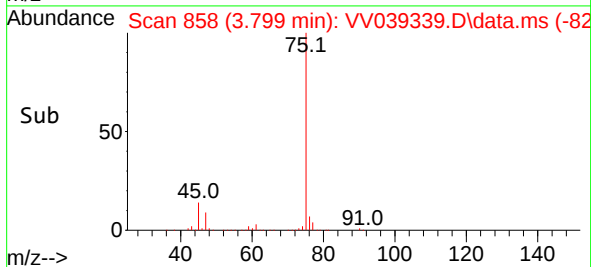
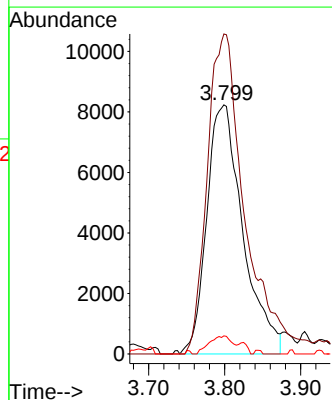
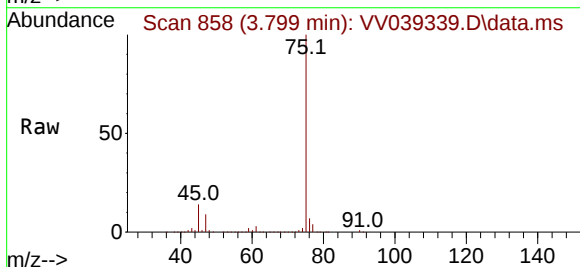
Instrument :
MSVOA_V
ClientSampleId :

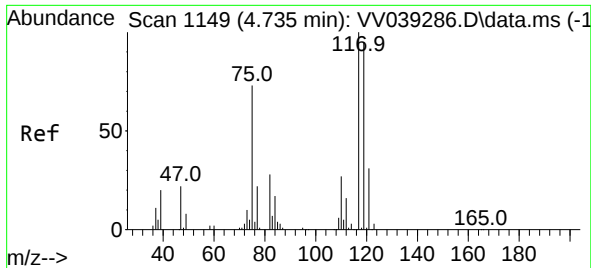
Tgt Ion: 75 Resp: 54107
Ion Ratio Lower Upper
75 100
110 9.0 18.9 56.7#
77 0.0 24.1 36.1#



#37
Ethyl Acetate
Concen: 1.922 ug/l
RT: 3.799 min Scan# 858
Delta R.T. -0.177 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

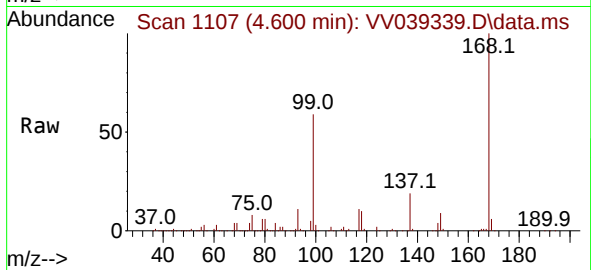
Tgt Ion: 43 Resp: 27205
Ion Ratio Lower Upper
43 100
61 134.3 12.2 18.2#
70 4.6 9.0 13.4#



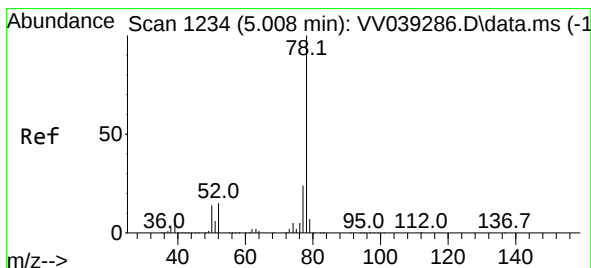
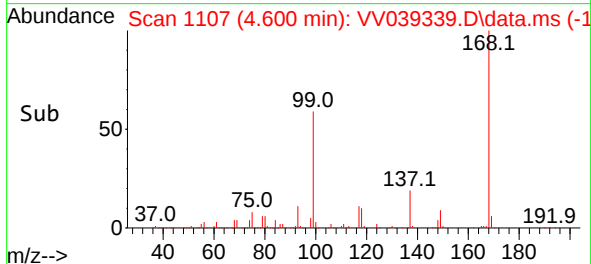
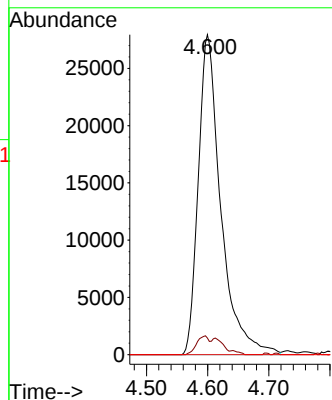


#38
Carbon Tetrachloride
Concen: 4.853 ug/l
RT: 4.600 min Scan# 1149
Delta R.T. -0.135 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :

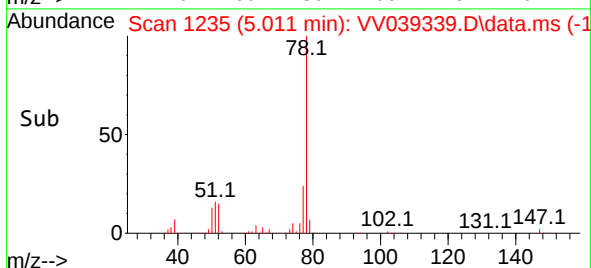
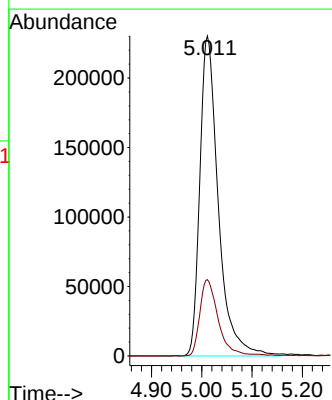
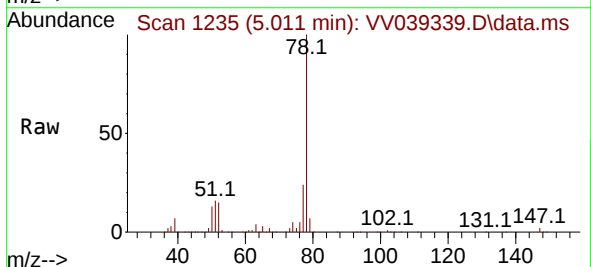


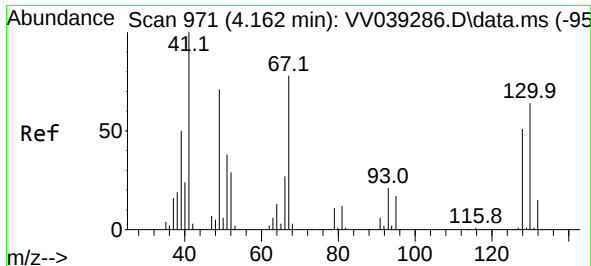
Tgt Ion:117 Resp: 71494
Ion Ratio Lower Upper
117 100
119 5.2 75.9 113.9#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 15.132 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 78 Resp: 587138
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

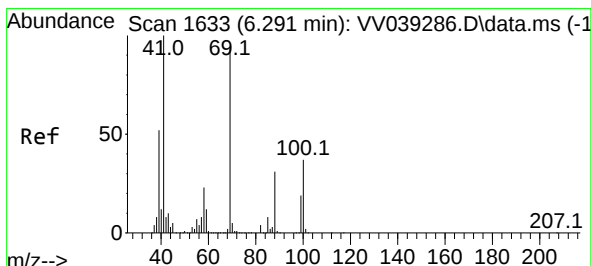
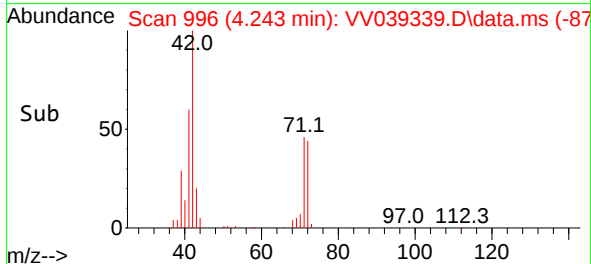
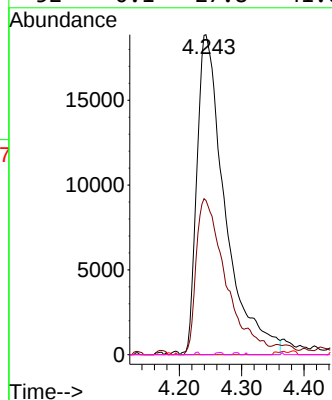
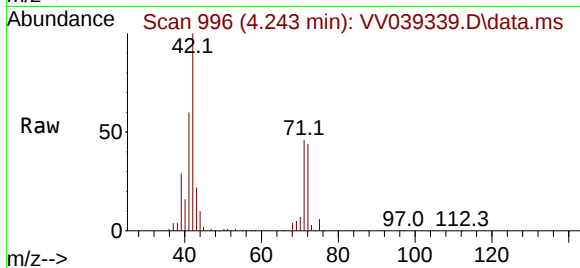




#41
Methacrylonitrile
Concen: 11.126 ug/l
RT: 4.243 min Scan# 996
Delta R.T. 0.080 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

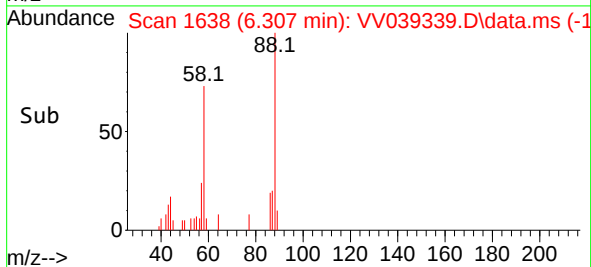
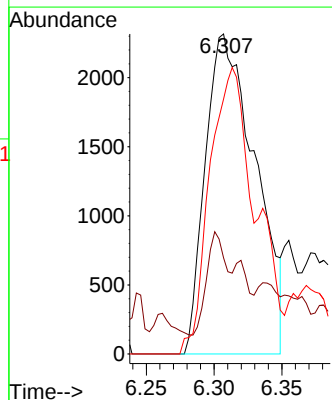
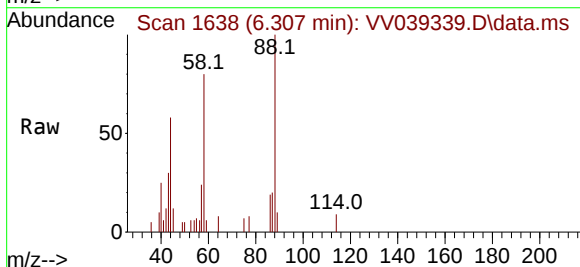
Instrument :
MSVOA_V
ClientSampleId :

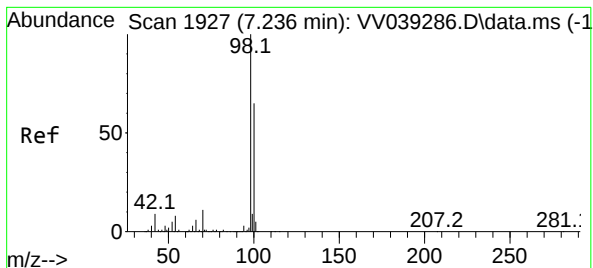
Tgt Ion:	41	Resp:	59124
Ion Ratio	Lower	Upper	
41	100		
39	47.2	40.9	61.3
67	0.0	73.1	109.7#
52	0.1	27.8	41.6#



#49
1,4-Dioxane
Concen: 41.552 ug/l
RT: 6.307 min Scan# 1638
Delta R.T. 0.016 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:	88	Resp:	5935
Ion Ratio	Lower	Upper	
88	100		
43	13.5	24.1	36.1#
58	69.6	57.6	86.4

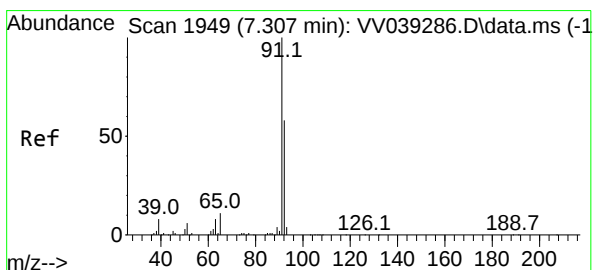
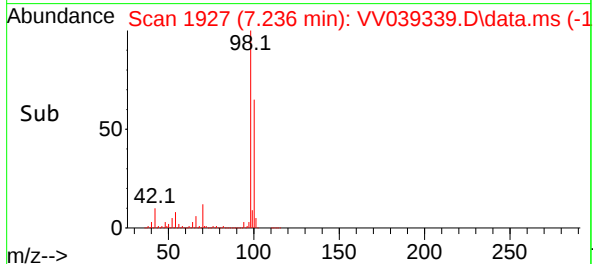
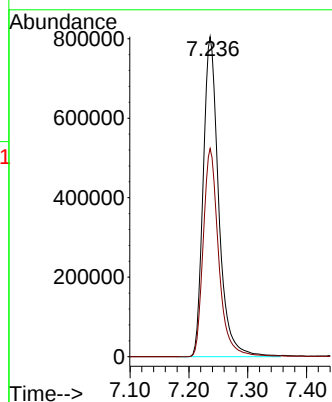
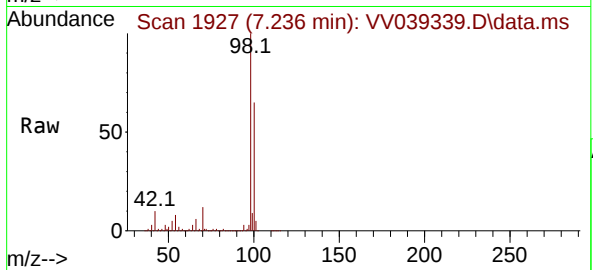




#50
Toluene-d8
Concen: 44.881 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

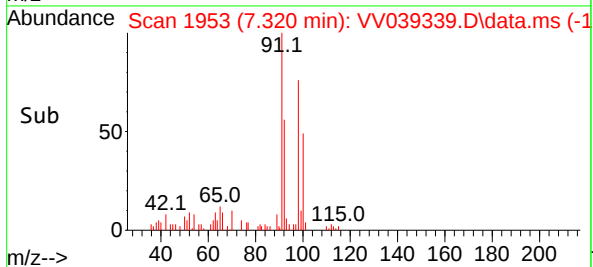
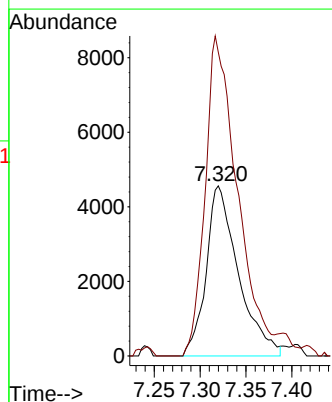
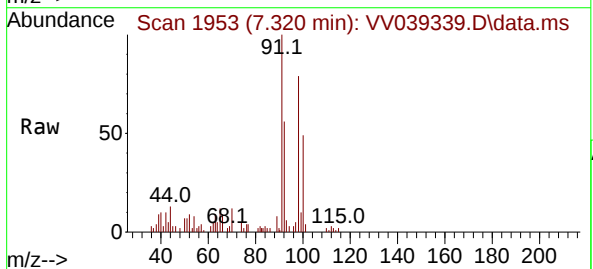
Instrument :
MSVOA_V
ClientSampleId :

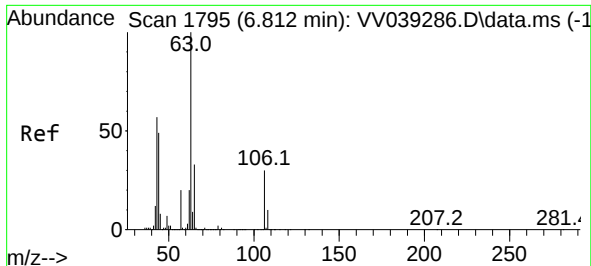
Tgt Ion: 98 Resp: 1469972
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#52
Toluene
Concen: 0.476 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 92 Resp: 11156
Ion Ratio Lower Upper
92 100
91 187.3 137.3 205.9

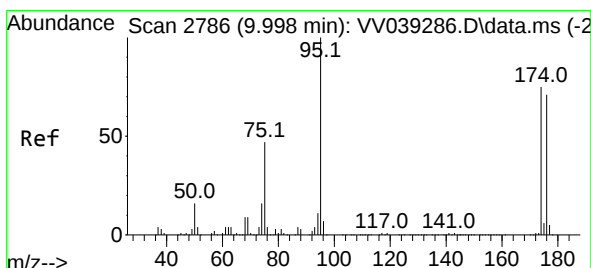
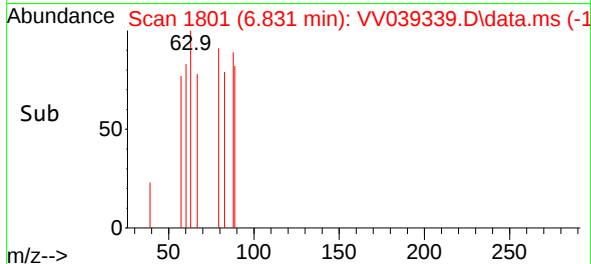
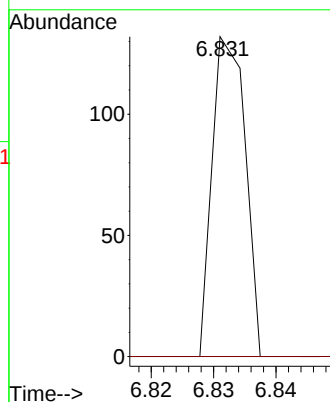
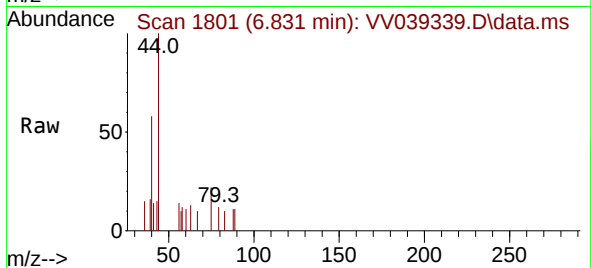




#58
2-Chloroethyl Vinyl ether
Concen: 8.474 ug/l
RT: 6.831 min Scan# 1801
Delta R.T. 0.019 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

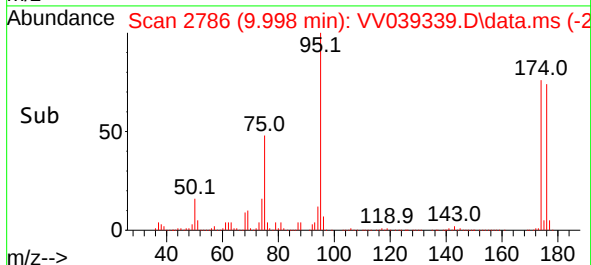
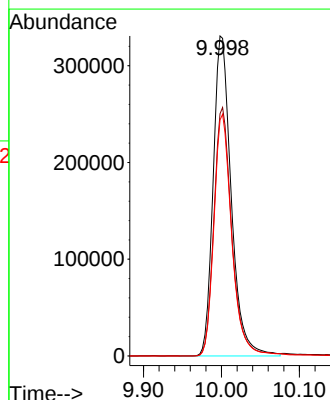
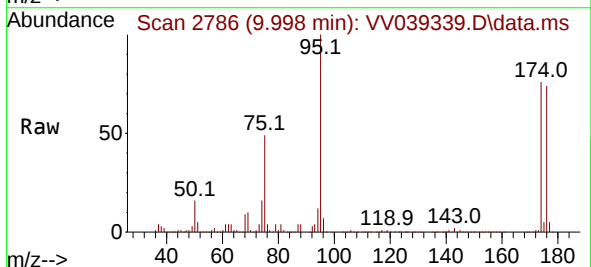
Instrument :
MSVOA_V
ClientSampleId :

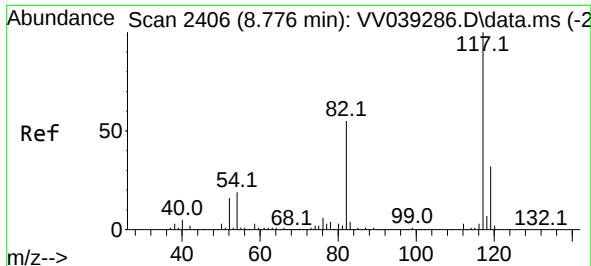
Tgt Ion: 63 Resp: 48
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#62
4-Bromofluorobenzene
Concen: 45.738 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion: 95 Resp: 533515
Ion Ratio Lower Upper
95 100
174 78.0 0.0 153.6
176 74.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

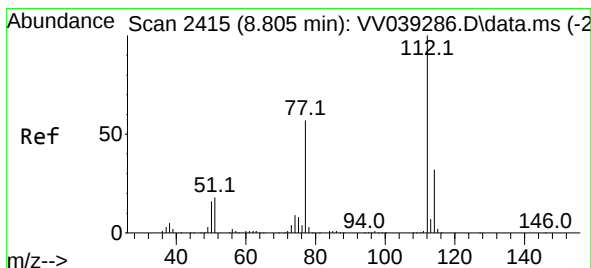
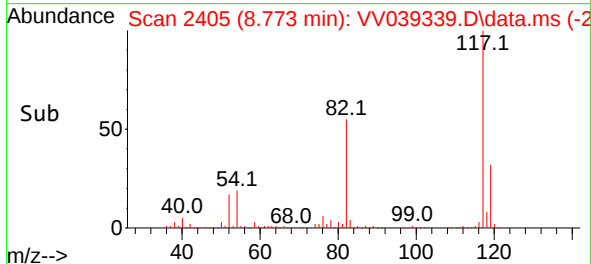
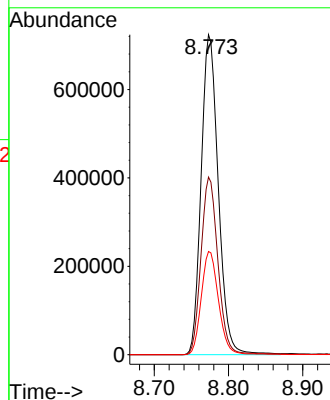
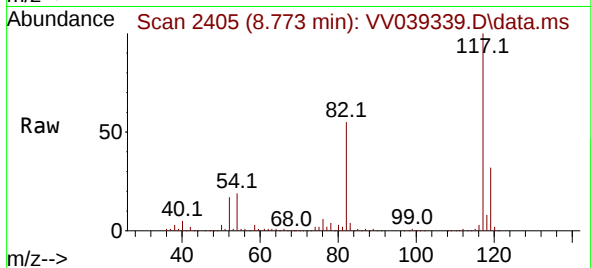
Tgt Ion:117 Resp: 1164477

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

119 32.3 25.8 38.6



#65

Chlorobenzene

Concen: 26.993 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VV039339.D

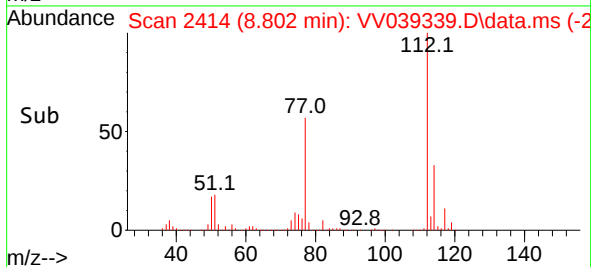
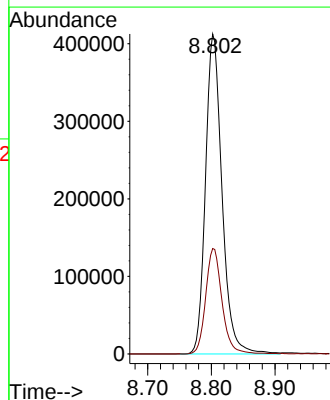
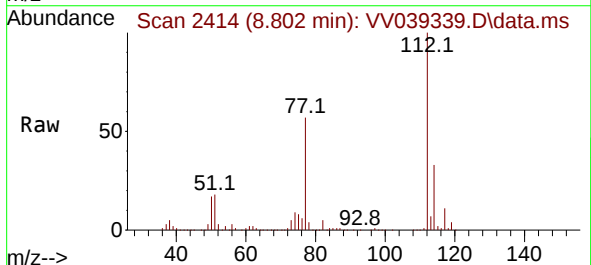
Acq: 05 Nov 2025 16:35

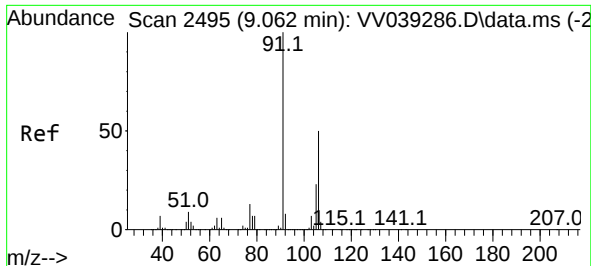
Tgt Ion:112 Resp: 744107

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5

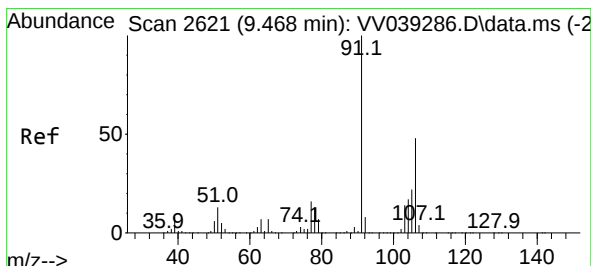
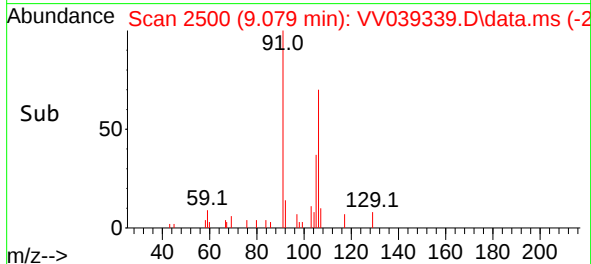
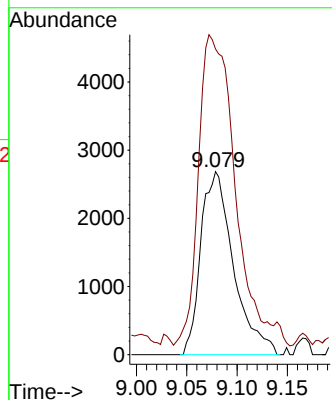
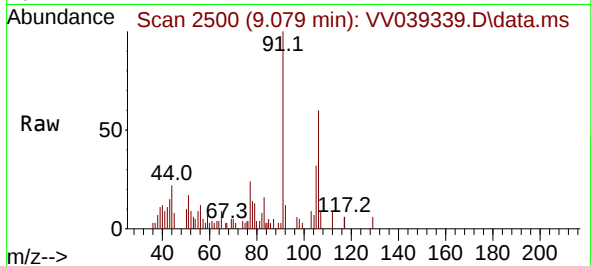




#68
m/p-Xylenes
Concen: 0.376 ug/l
RT: 9.079 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

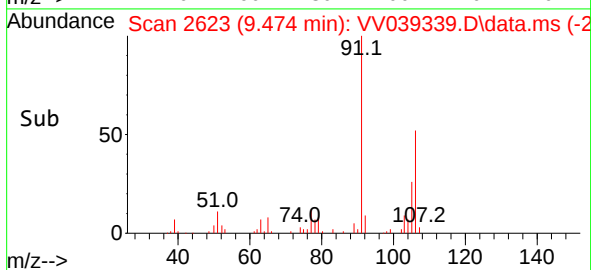
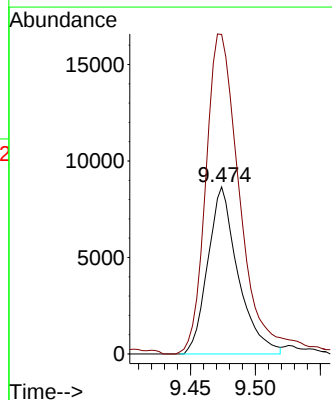
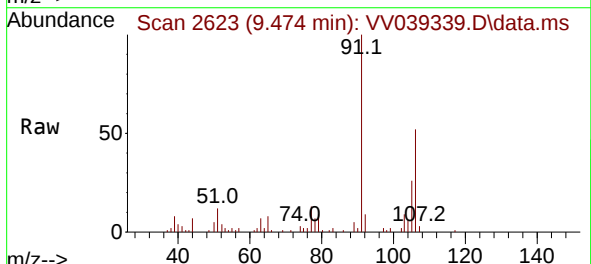
Instrument :
MSVOA_V
ClientSampleId :

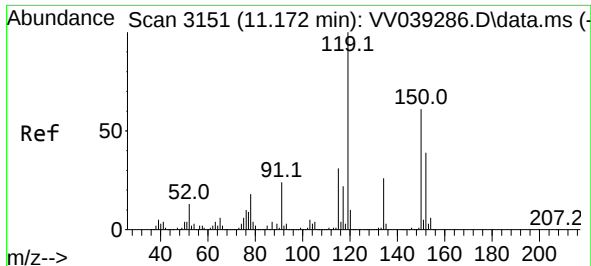
Tgt Ion:106 Resp: 6057
Ion Ratio Lower Upper
106 100
91 191.3 160.2 240.2



#69
o-Xylene
Concen: 0.986 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:106 Resp: 14029
Ion Ratio Lower Upper
106 100
91 217.7 105.8 317.3

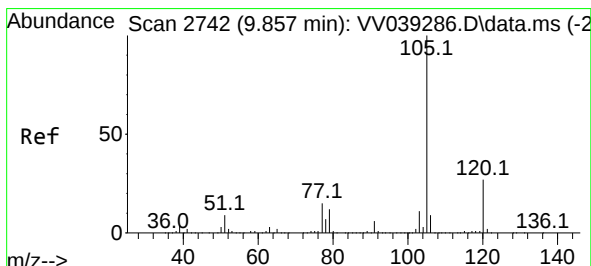
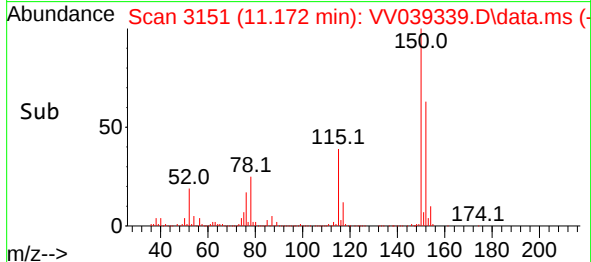
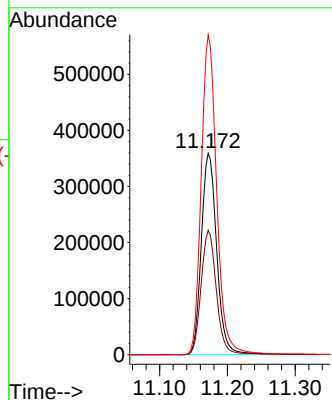
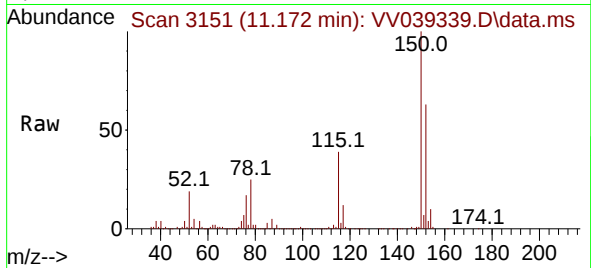




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV039339.D
 Acq: 05 Nov 2025 16:35

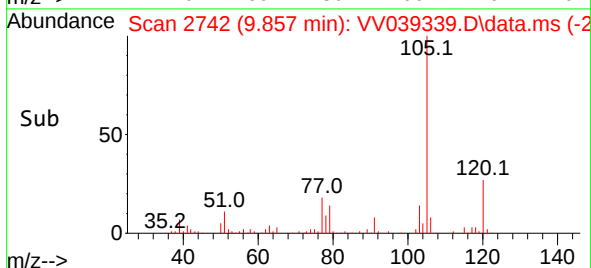
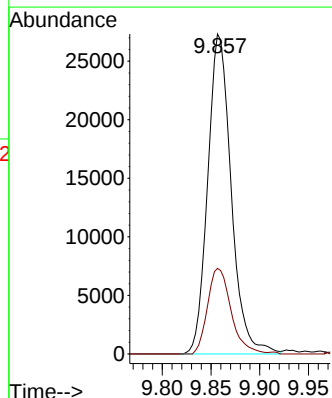
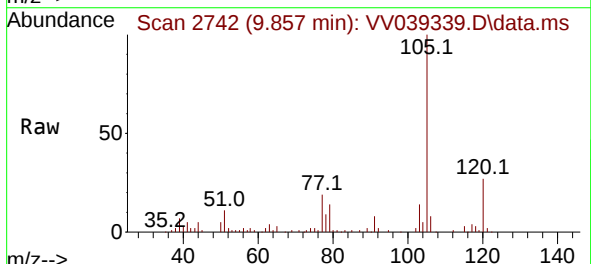
Instrument :
 MSVOA_V
 ClientSampleId :

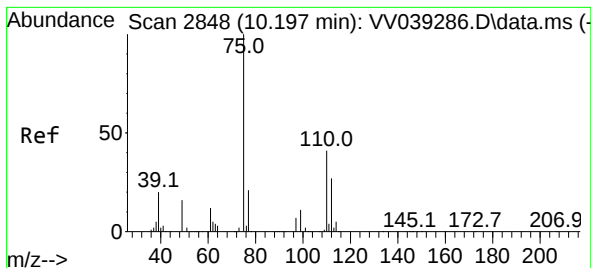
Tgt Ion:152 Resp: 566941
 Ion Ratio Lower Upper
 152 100
 115 60.5 42.3 126.8
 150 159.2 0.0 348.0



#73
 Isopropylbenzene
 Concen: 1.330 ug/l
 RT: 9.857 min Scan# 2742
 Delta R.T. -0.000 min
 Lab File: VV039339.D
 Acq: 05 Nov 2025 16:35

Tgt Ion:105 Resp: 45797
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.2 39.5





#76

1,2,3-Trichloropropane

Concen: 22.419 ug/l

RT: 9.998 min Scan# 21

Delta R.T. -0.199 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

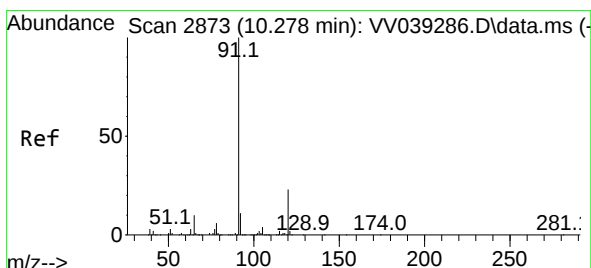
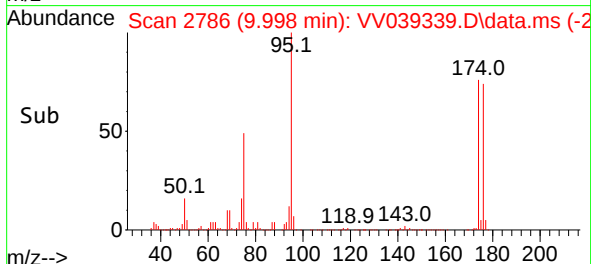
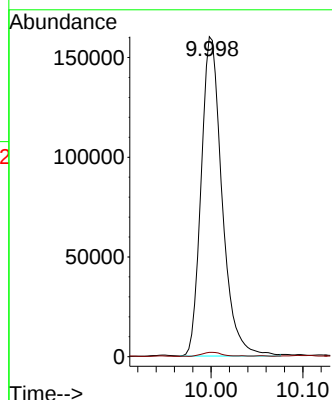
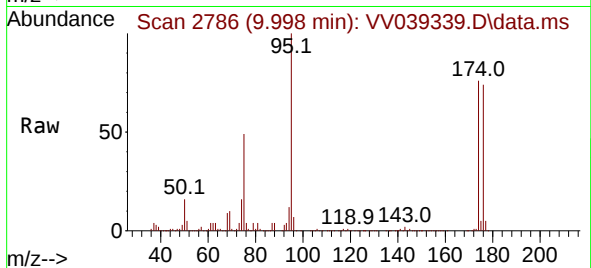
ClientSampleId :

Tgt Ion: 75 Resp: 253677

Ion Ratio Lower Upper

75 100

77 1.2 12.2 36.4#



#78

n-propylbenzene

Concen: 0.580 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.006 min

Lab File: VV039339.D

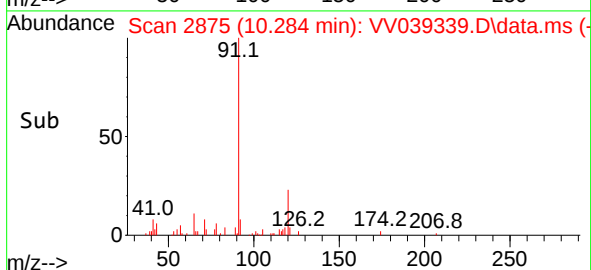
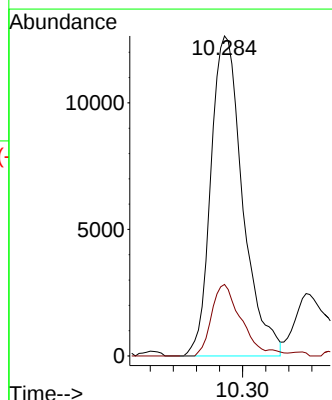
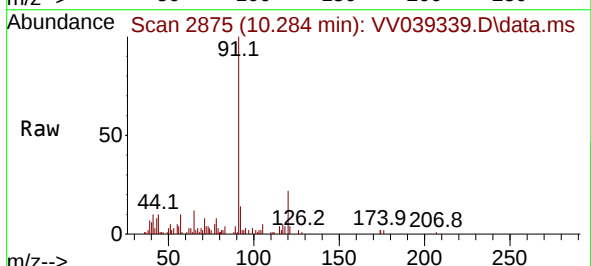
Acq: 05 Nov 2025 16:35

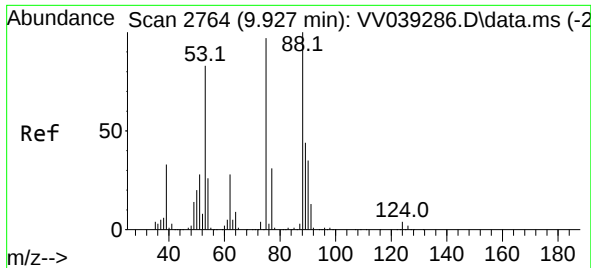
Tgt Ion: 91 Resp: 24208

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.5

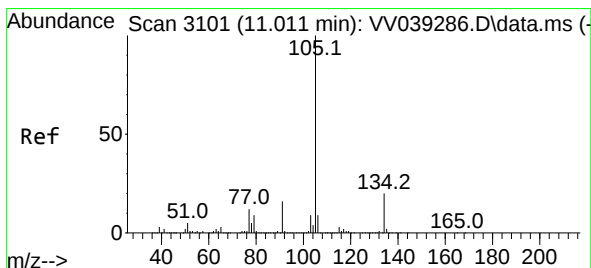
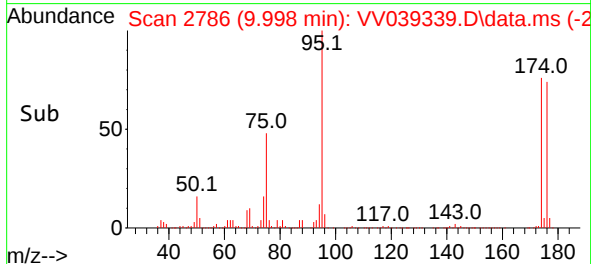
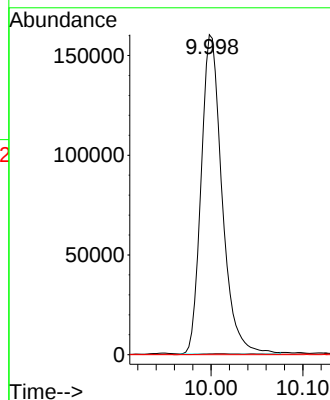
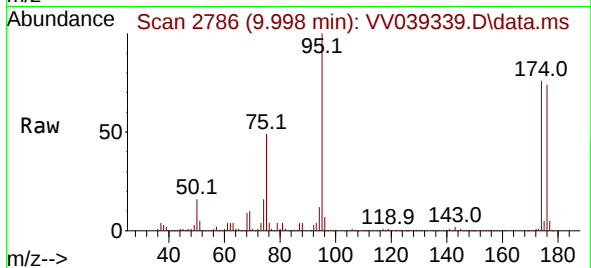




#81
trans-1,4-Dichloro-2-butene
Concen: 56.618 ug/l
RT: 9.998 min Scan# 21
Delta R.T. 0.071 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

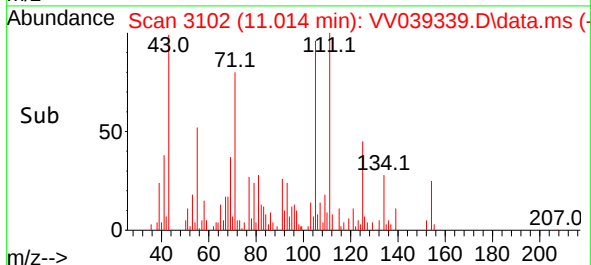
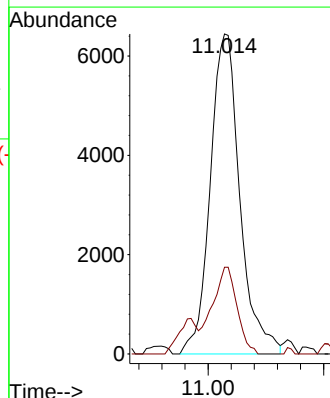
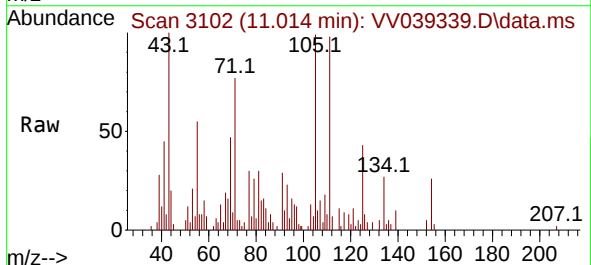
Instrument :
MSVOA_V
ClientSampleId :

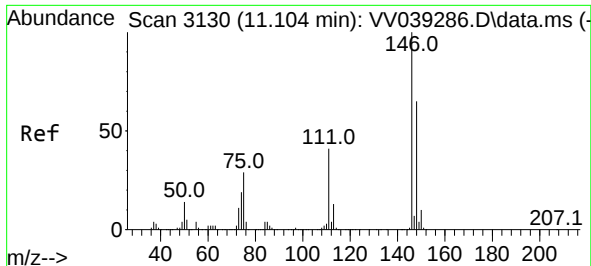
Tgt Ion: 75 Resp: 253677
Ion Ratio Lower Upper
75 100
53 0.3 69.9 104.9#
89 0.0 37.4 56.0#



#85
sec-Butylbenzene
Concen: 0.317 ug/l
RT: 11.014 min Scan# 3102
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:105 Resp: 11474
Ion Ratio Lower Upper
105 100
134 22.8 9.8 29.5

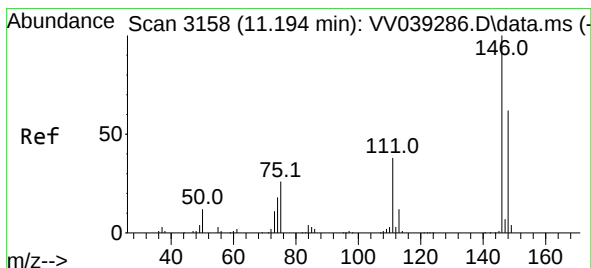
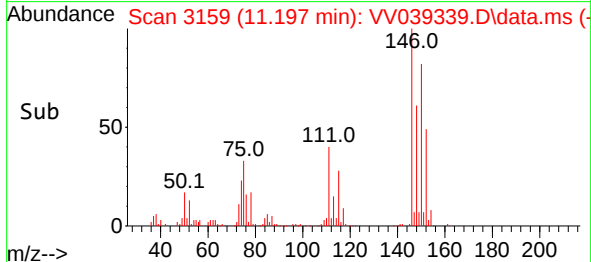
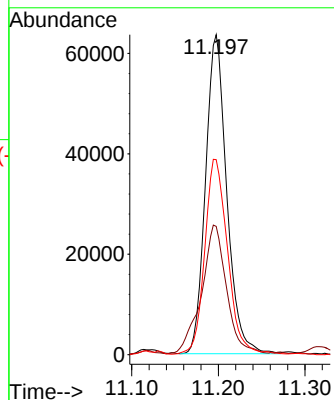
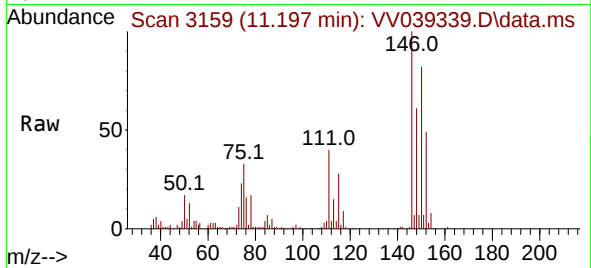




#87
1,3-Dichlorobenzene
Concen: 5.728 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.093 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

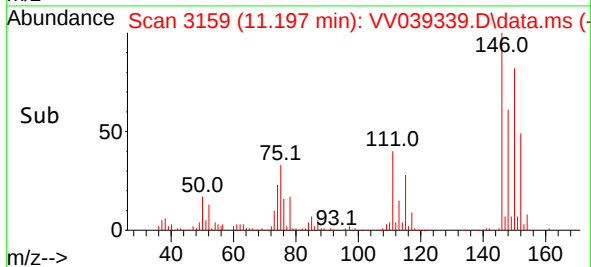
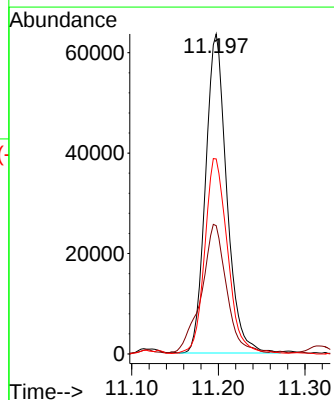
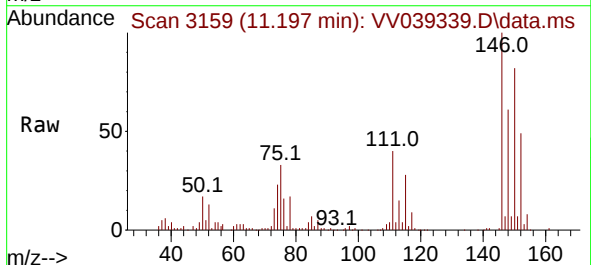
Instrument :
MSVOA_V
ClientSampleId :

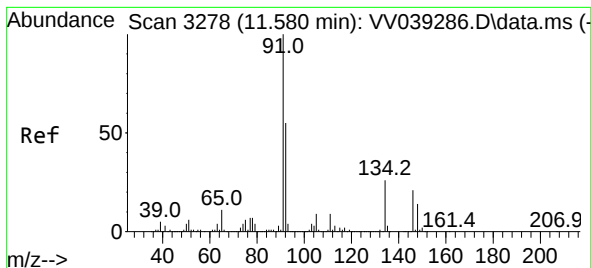
Tgt Ion:146 Resp: 108124
Ion Ratio Lower Upper
146 100
111 47.6 20.6 61.8
148 65.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 5.118 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Tgt Ion:146 Resp: 108124
Ion Ratio Lower Upper
146 100
111 47.6 19.7 59.0
148 65.6 31.5 94.5





#89

n-Butylbenzene

Concen: 0.237 ug/l

RT: 11.583 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039339.D

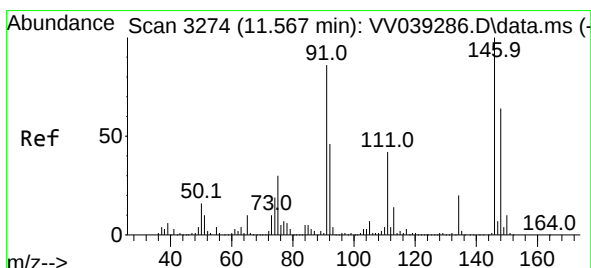
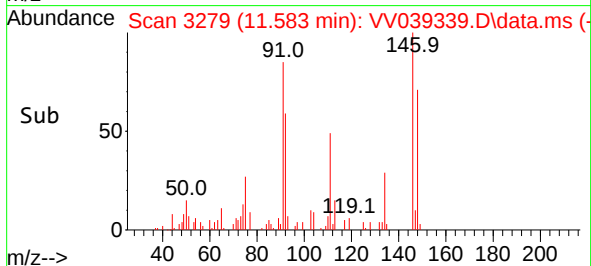
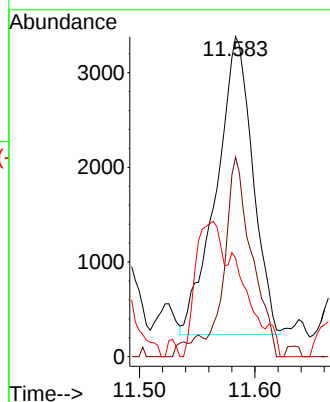
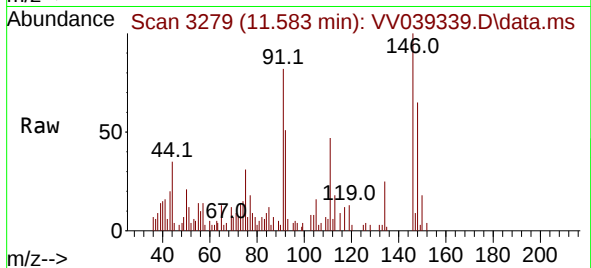
Acq: 05 Nov 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91	Resp: 6886
Ion Ratio	Lower Upper
91	100
92	49.0 26.9 80.6
134	0.0 12.6 37.8#



#91

1,2-Dichlorobenzene

Concen: 0.574 ug/l

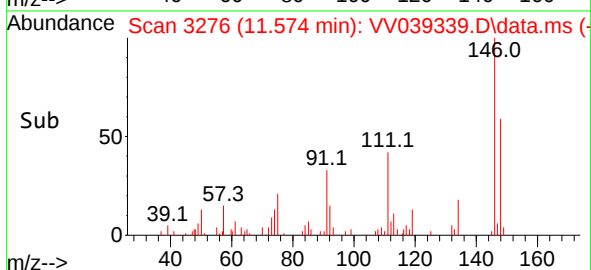
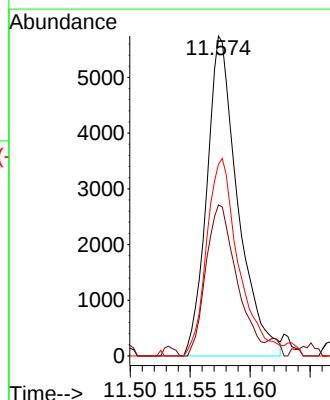
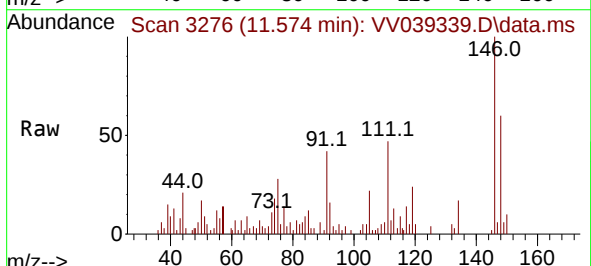
RT: 11.574 min Scan# 3276

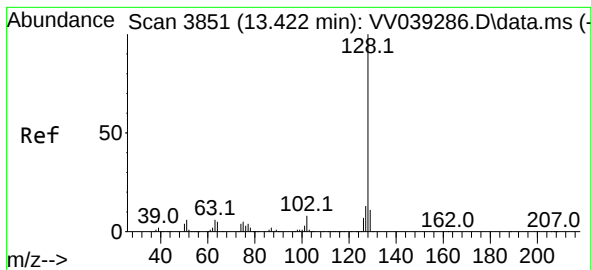
Delta R.T. 0.006 min

Lab File: VV039339.D

Acq: 05 Nov 2025 16:35

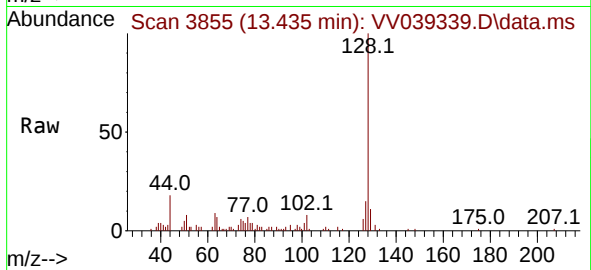
Tgt Ion: 146	Resp: 10316
Ion Ratio	Lower Upper
146	100
111	47.4 21.3 64.0
148	64.0 31.9 95.7





#95
Naphthalene
Concen: 0.638 ug/l
RT: 13.435 min Scan# 3855
Delta R.T. 0.013 min
Lab File: VV039339.D
Acq: 05 Nov 2025 16:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	20930
Ion Ratio	Lower	Upper	
128	100		
127	16.4	10.3	15.5#
129	13.7	8.6	12.8#

