

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100625\
 Data File : VV039270.D
 Acq On : 06 Oct 2025 13:56
 Operator : SY/MD
 Sample : Q3201-05DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW1DL

Quant Time: Oct 07 03:34:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	525555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	878942	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	886561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	514429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	369180	48.536	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	97.080%
35) Dibromofluoromethane	4.500	113	371074	52.516	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	105.040%
50) Toluene-d8	7.236	98	903765	43.549	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	87.100%#
62) 4-Bromofluorobenzene	10.001	95	466453	54.598	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	109.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.513	94	9047	1.501	ug/l	87
6) Chloroethane	1.671	64	781	Below Cal	#	60
10) Methyl Iodide	2.207	142	18608	2.372	ug/l	89
11) Tert butyl alcohol	2.574	59	16068	9.995	ug/l	96
13) Acrolein	1.992	56	7627	27.341	ug/l #	1
14) Allyl chloride	2.439	41	13822	0.977	ug/l #	29
16) Acetone	2.098	43	4311	Below Cal	#	62
17) Carbon Disulfide	2.256	76	8967	0.370	ug/l #	93
19) Methyl tert-butyl Ether	2.715	73	42428	1.680	ug/l #	50
20) Methylene Chloride	2.458	84	4058	Below Cal	#	80
31) Cyclohexane	4.590	56	31427	2.316	ug/l #	65
36) 1,1-Dichloropropene	4.600	75	44102	4.128	ug/l #	49
38) Carbon Tetrachloride	4.596	117	54406	4.167	ug/l #	17
39) Methylcyclohexane	6.050	83	8457	0.656	ug/l	96
40) Benzene	5.011	78	351785	10.112	ug/l	99
41) Methacrylonitrile	4.272	41	485	1.990	ug/l #	19
42) 1,2-Dichloroethane	5.014	62	3655	0.300	ug/l	85
43) Isopropyl Acetate	5.137	43	6189	0.350	ug/l #	67
49) 1,4-Dioxane	6.410	88	39	0.302	ug/l #	1
52) Toluene	7.317	92	71741	3.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.792	63	72	9.634	ug/l #	47
59) 2-Hexanone	8.095	43	7553	3.123	ug/l	65
67) Ethyl Benzene	8.937	91	944302	25.262	ug/l	100
68) m/p-Xylenes	9.062	106	553320	38.352	ug/l	99
69) o-Xylene	9.477	106	16173	1.266	ug/l	81
70) Styrene	9.471	104	1233	1.605	ug/l #	1
73) Isopropylbenzene	9.857	105	294641	7.897	ug/l	99
76) 1,2,3-Trichloropropane	10.001	75	225979	19.293	ug/l #	56
78) n-propylbenzene	10.278	91	431195	9.490	ug/l	99
79) 2-Chlorotoluene	10.400	91	16113	0.593	ug/l #	42
80) 1,3,5-Trimethylbenzene	10.464	105	221695	7.148	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.001	75	225979	46.318	ug/l #	13
82) 4-Chlorotoluene	10.464	91	25320	0.803	ug/l #	48
83) tert-Butylbenzene	10.841	119	38751	1.253	ug/l #	57
84) 1,2,4-Trimethylbenzene	10.841	105	296085	9.834	ug/l	100
85) sec-Butylbenzene	11.017	105	11710	0.285	ug/l	94

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 08:08:08 2025
Response via : Initial Calibration

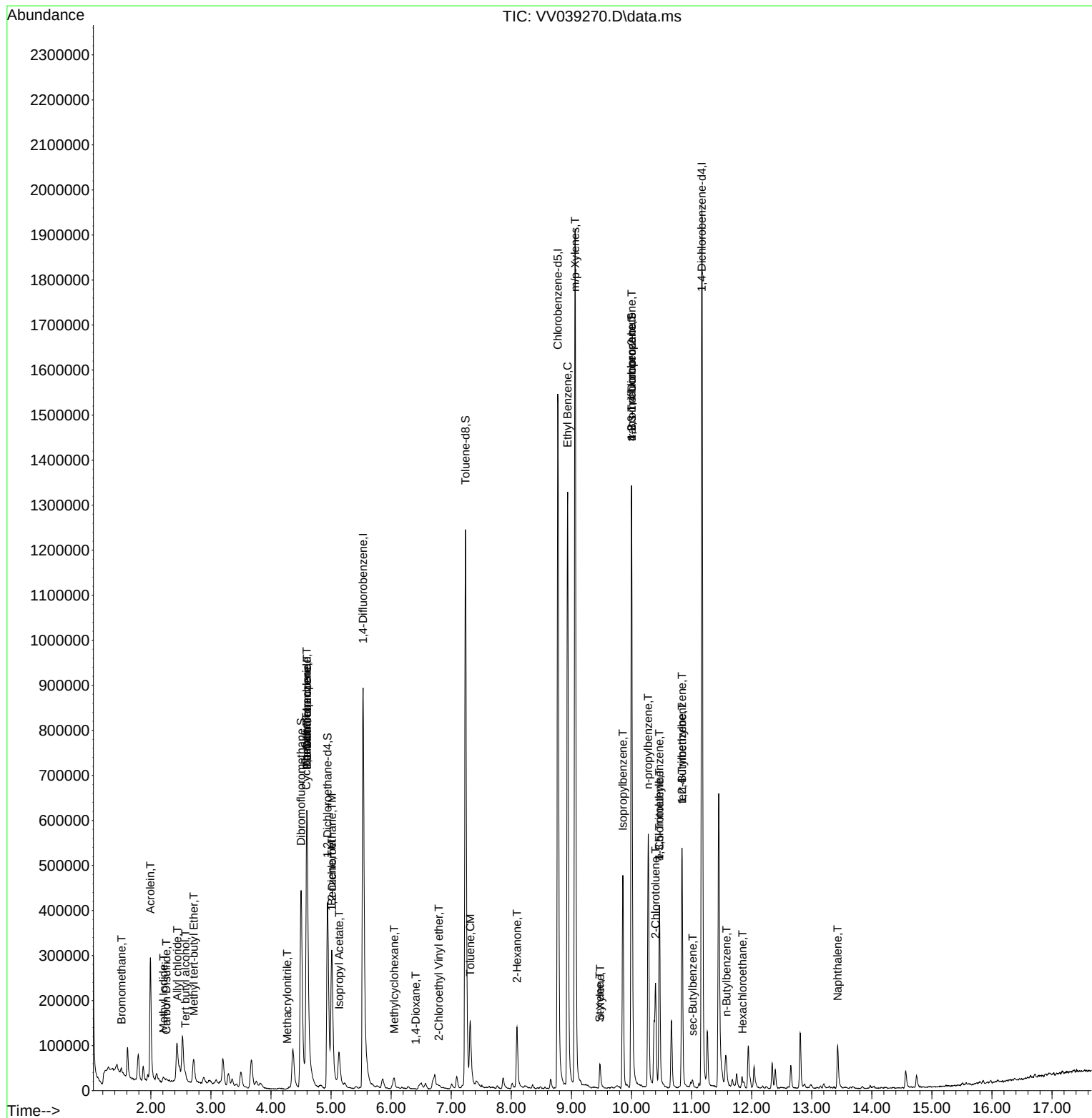
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.580	91	17281	0.530	ug/l #	51
90) Hexachloroethane	11.847	117	2244	0.267	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	12.336	75	481	Below Cal	#	5
95) Naphthalene	13.432	128	86115	2.539	ug/l	98

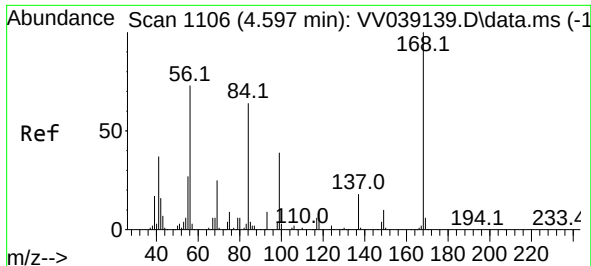
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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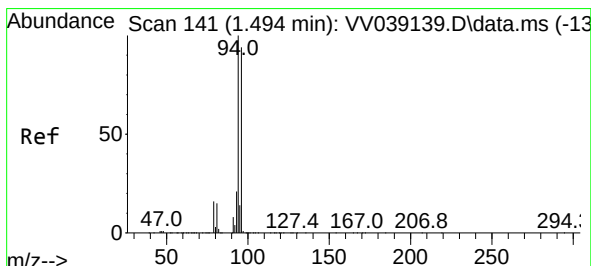
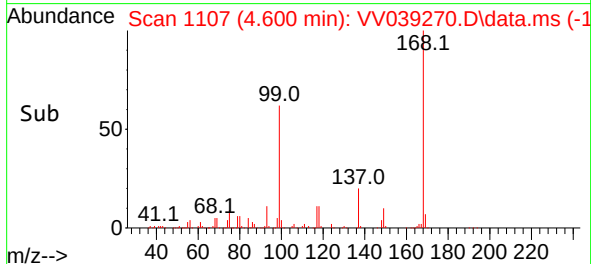
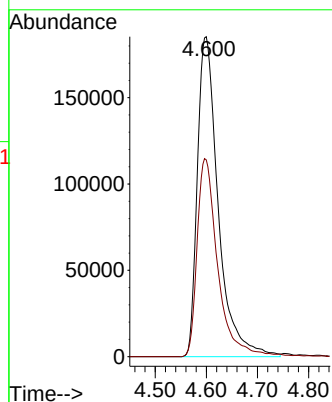
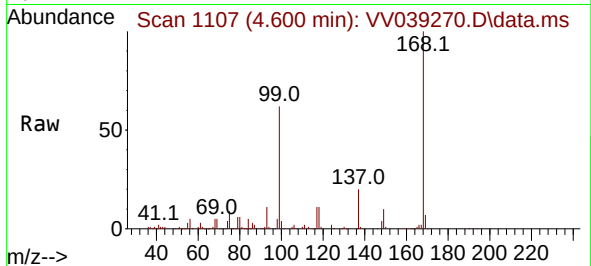




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

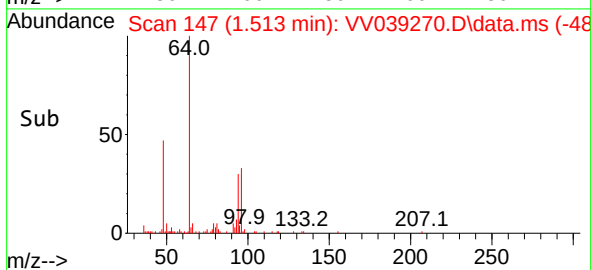
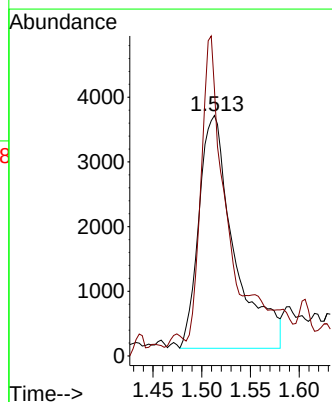
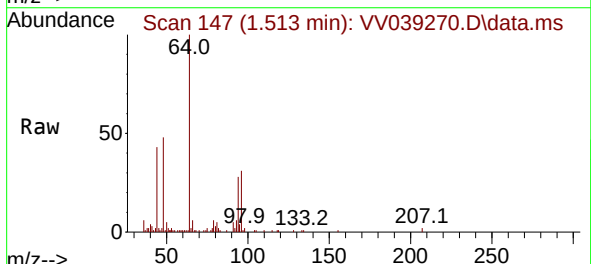
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

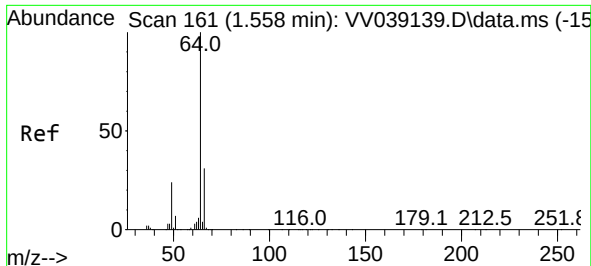
Tgt Ion:168 Resp: 525555
Ion Ratio Lower Upper
168 100
99 61.5 49.6 74.4



#5
Bromomethane
Concen: 1.501 ug/l
RT: 1.513 min Scan# 147
Delta R.T. 0.019 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 94 Resp: 9047
Ion Ratio Lower Upper
94 100
96 106.1 74.9 112.3

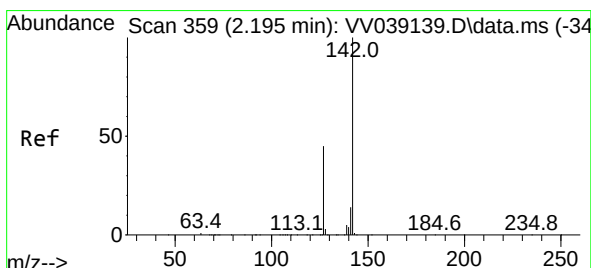
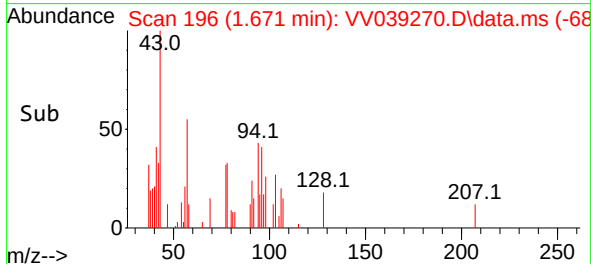
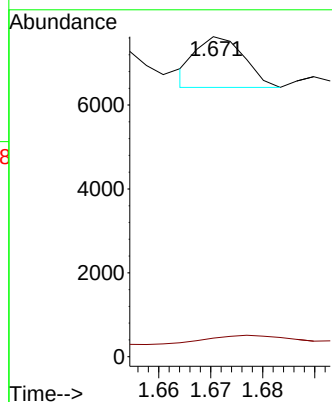
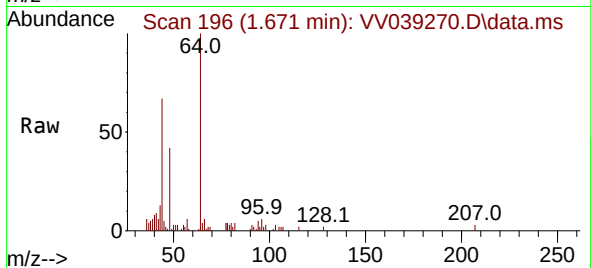




#6
Chloroethane
Concen: Below Cal
RT: 1.671 min Scan# 196
Delta R.T. 0.113 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

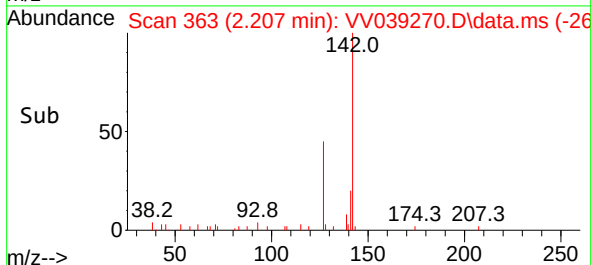
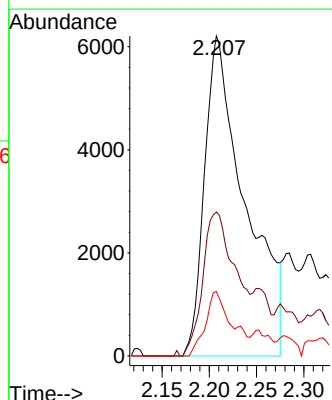
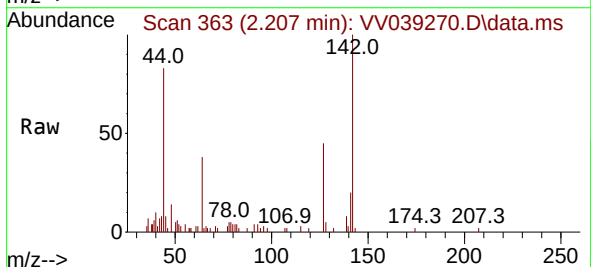
Instrument :
MSVOA_V
ClientSampleId :
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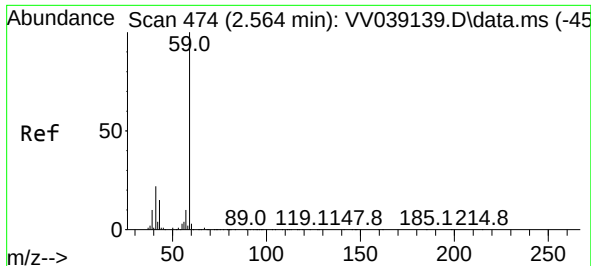
Tgt Ion: 64 Resp: 781
Ion Ratio Lower Upper
64 100
66 8.9 24.6 36.8#



#10
Methyl Iodide
Concen: 2.372 ug/l
RT: 2.207 min Scan# 363
Delta R.T. 0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:142 Resp: 18608
Ion Ratio Lower Upper
142 100
127 36.6 36.3 54.5
141 13.2 11.2 16.8

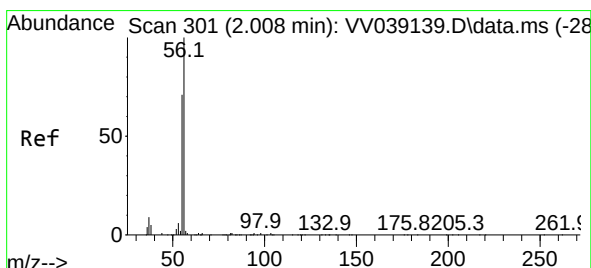
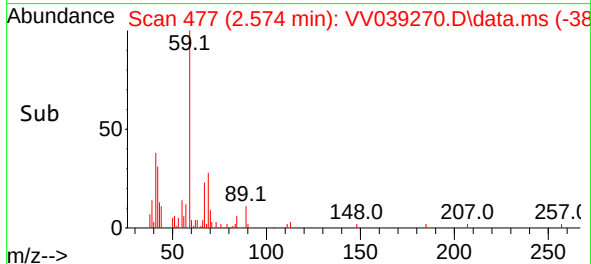
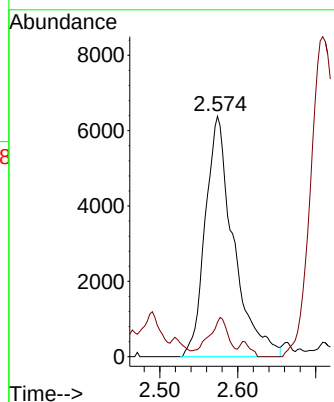
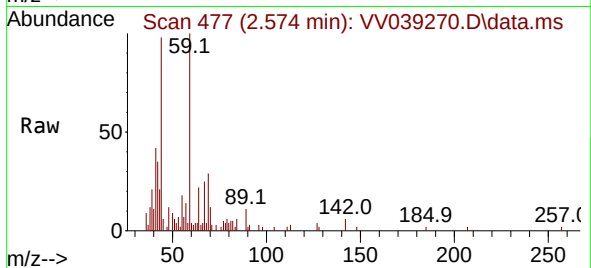




#11
Tert butyl alcohol
Concen: 9.995 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

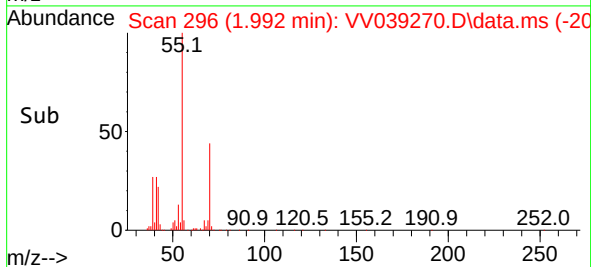
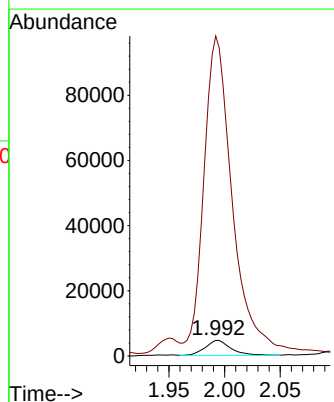
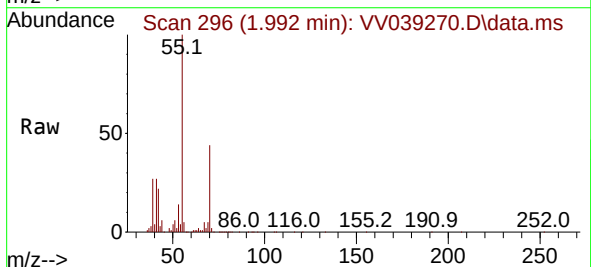
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

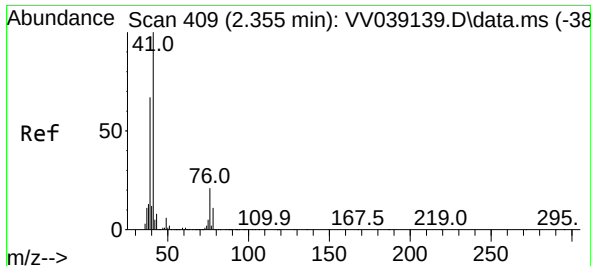
Tgt Ion: 59 Resp: 16068
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8



#13
Acrolein
Concen: 27.341 ug/l
RT: 1.992 min Scan# 296
Delta R.T. -0.016 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 56 Resp: 7627
Ion Ratio Lower Upper
56 100
55 2283.8 56.2 84.4#

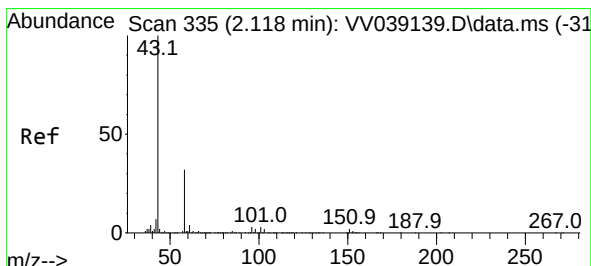
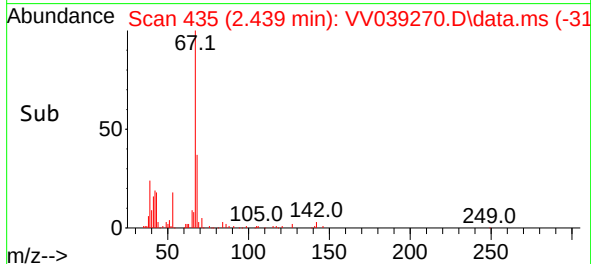
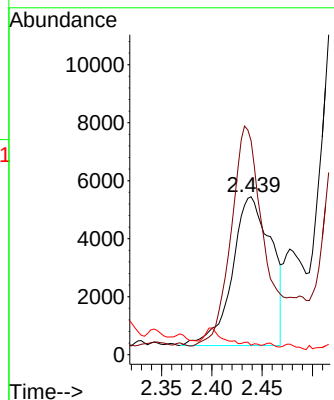
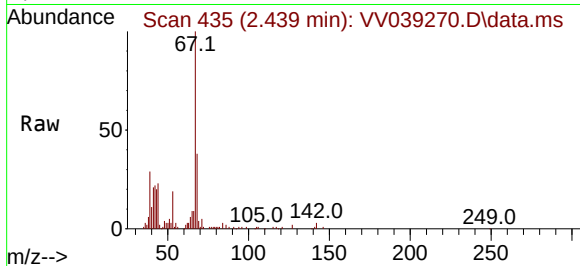




#14
Allyl chloride
Concen: 0.977 ug/l
RT: 2.439 min Scan# 41
Delta R.T. 0.084 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

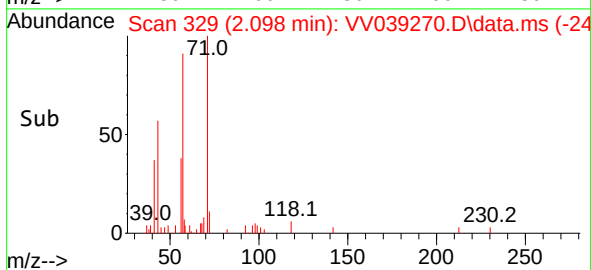
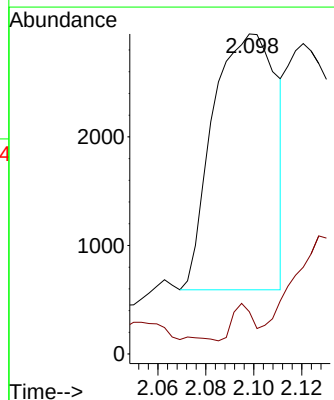
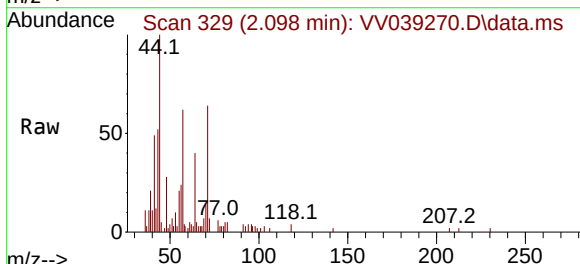
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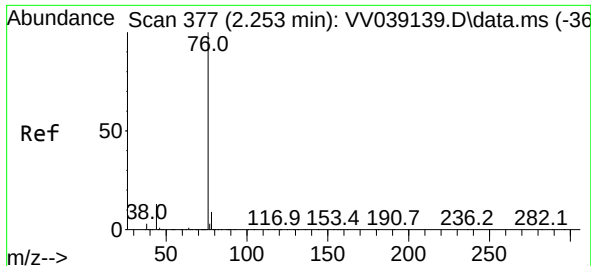
Tgt Ion: 41 Resp: 13822
Ion Ratio Lower Upper
41 100
39 124.0 51.0 76.6#
76 0.0 28.2 42.4#



#16
Acetone
Concen: Below Cal
RT: 2.098 min Scan# 329
Delta R.T. -0.020 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
58 10.9 25.8 38.6#

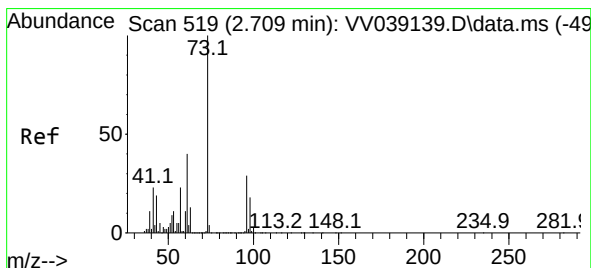
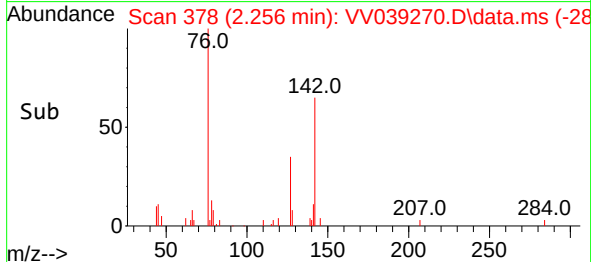
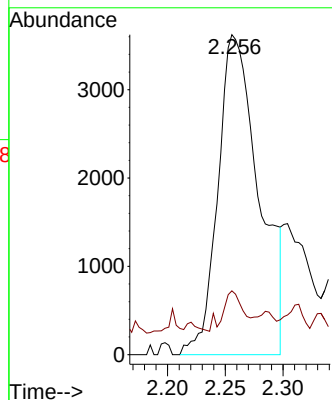
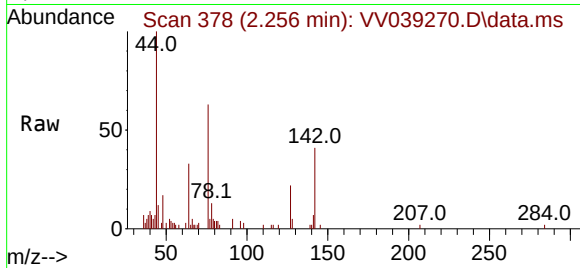




#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

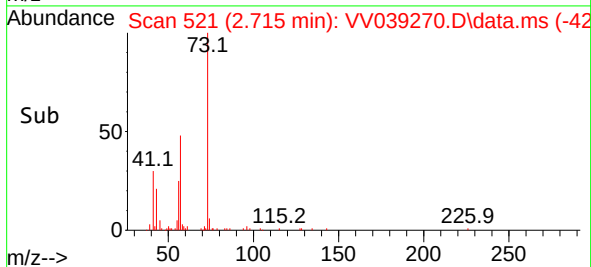
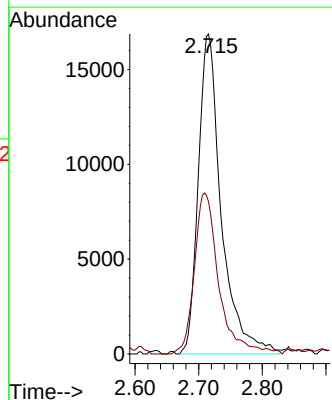
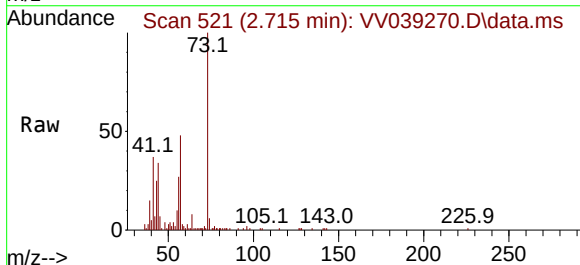
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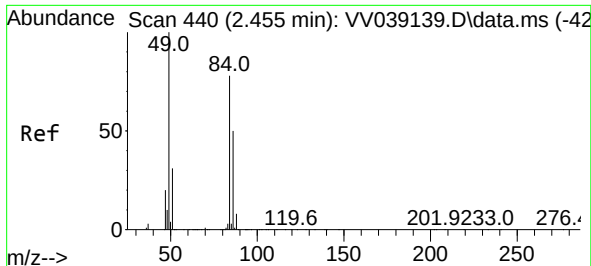
Tgt Ion: 76 Resp: 8967
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.0#



#19
Methyl tert-butyl Ether
Concen: 1.680 ug/l
RT: 2.715 min Scan# 521
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 73 Resp: 42428
Ion Ratio Lower Upper
73 100
57 47.0 18.2 27.4#



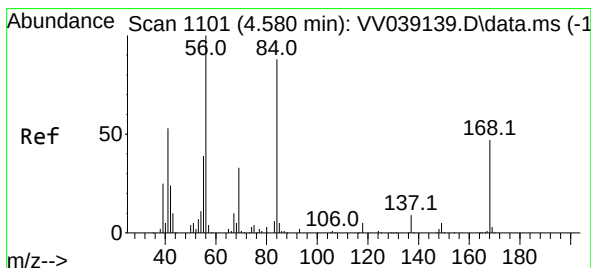
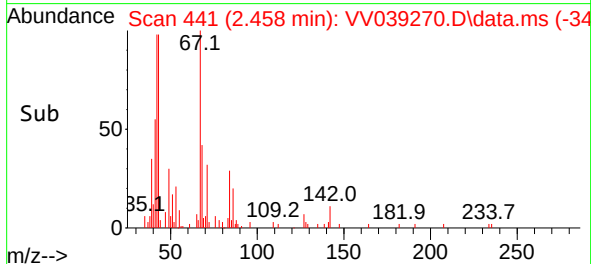
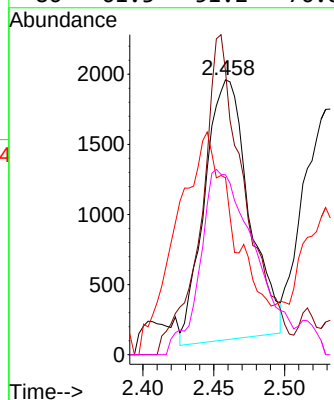
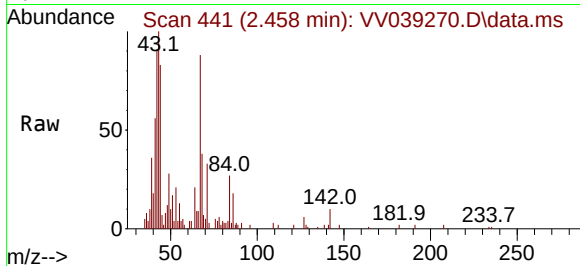


#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Tgt Ion: 84 Resp: 4058

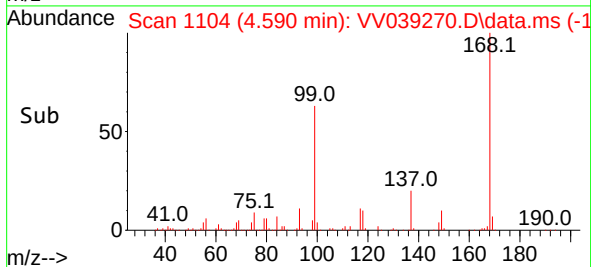
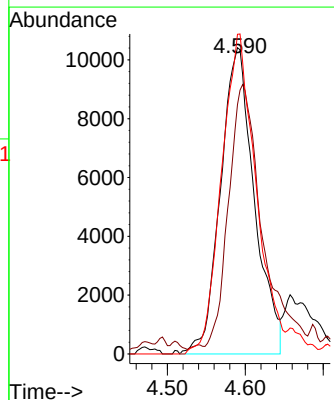
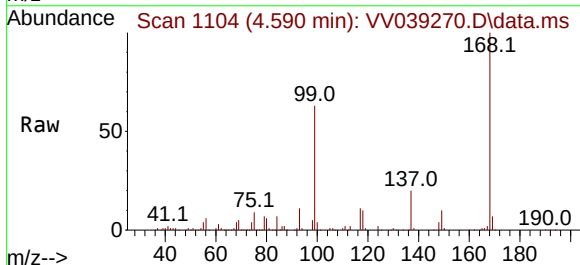
Ion	Ratio	Lower	Upper
84	100		
49	93.9	102.8	154.2#
51	48.8	31.9	47.9#
86	61.3	51.2	76.8

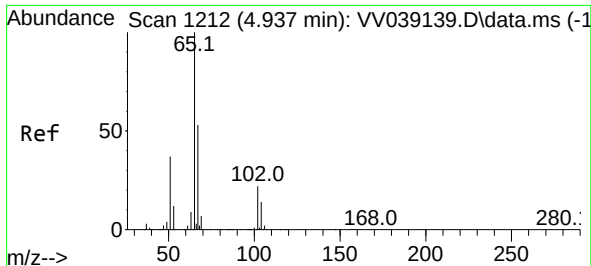


#31
Cyclohexane
Concen: 2.316 ug/l
RT: 4.590 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 56 Resp: 31427

Ion	Ratio	Lower	Upper
56	100		
69	78.6	26.2	39.2#
84	104.4	70.3	105.5

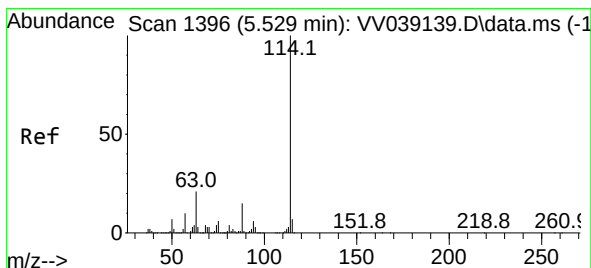
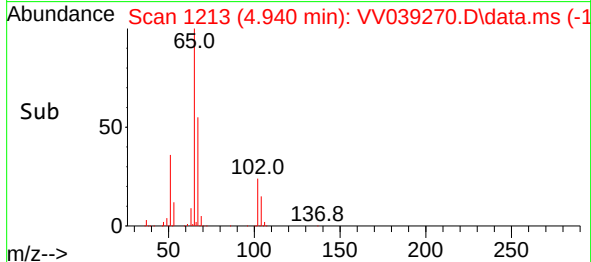
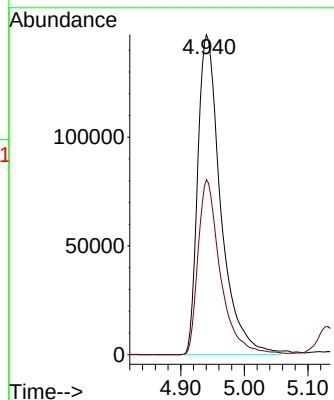
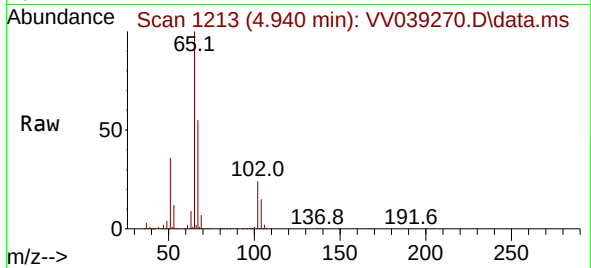




#33
 1,2-Dichloroethane-d4
 Concen: 48.536 ug/l
 RT: 4.940 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

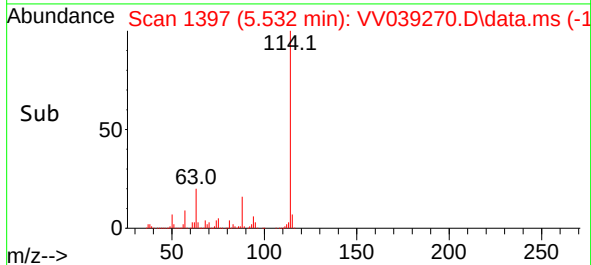
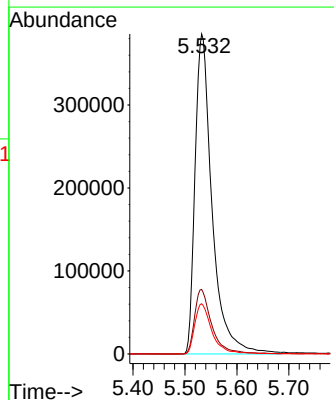
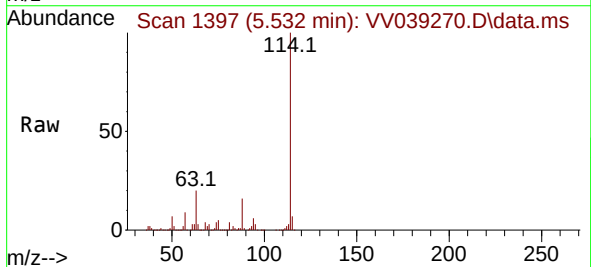
Instrument :
 MSVOA_V
 ClientSampleId :
 MW1DL

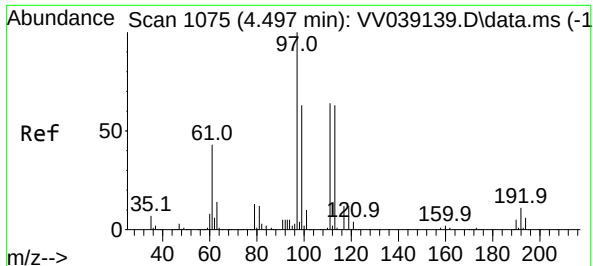
Tgt Ion: 65 Resp: 369180
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.003 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

Tgt Ion: 114 Resp: 878942
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 15.7 0.0 30.8

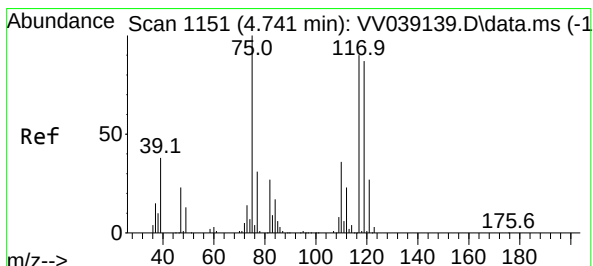
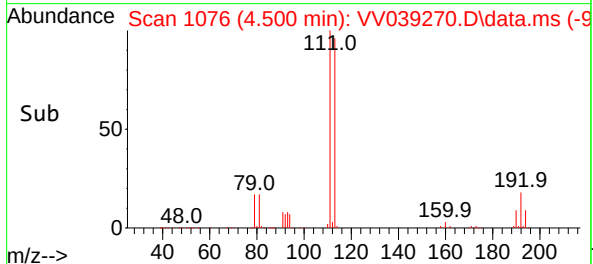
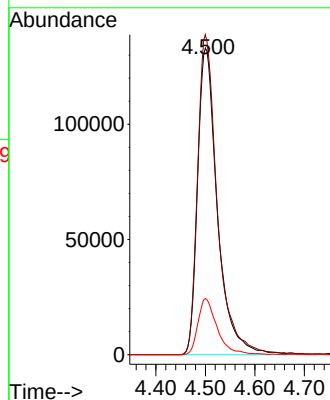
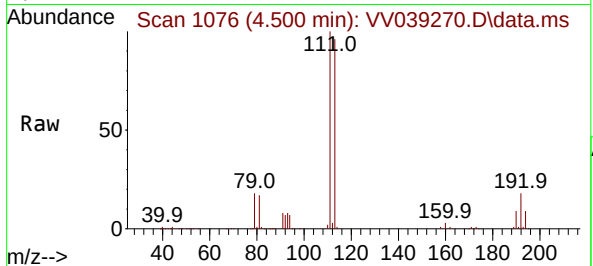




#35
 Dibromofluoromethane
 Concen: 52.516 ug/l
 RT: 4.500 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

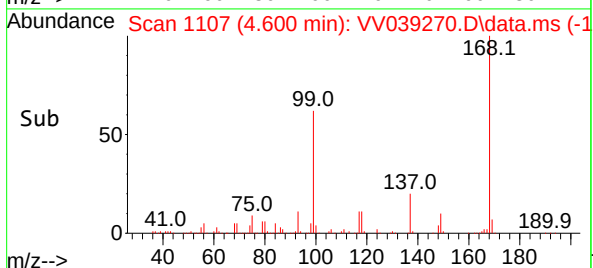
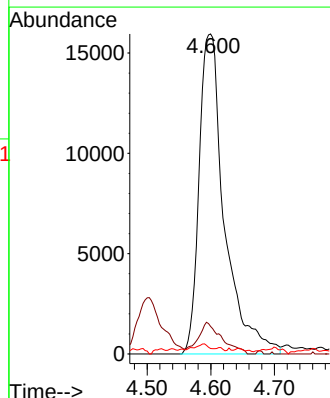
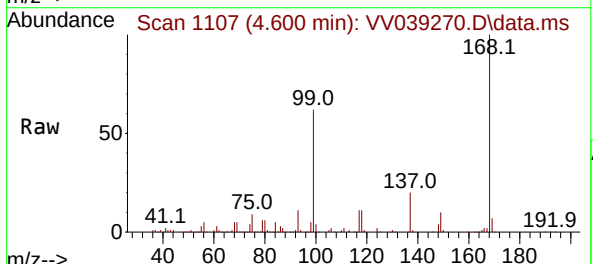
Instrument :
 MSVOA_V
 ClientSampleId :
 MW1DL

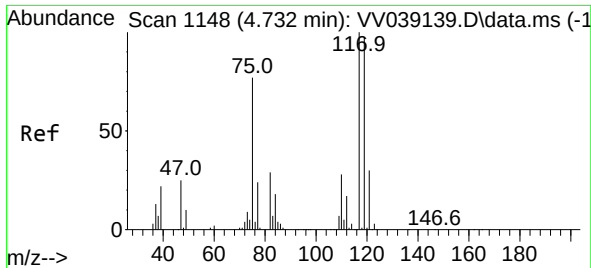
Tgt Ion:113 Resp: 371074
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 17.8 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 4.128 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.141 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

Tgt Ion: 75 Resp: 44102
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.1 54.1#
 77 0.0 24.8 37.2#

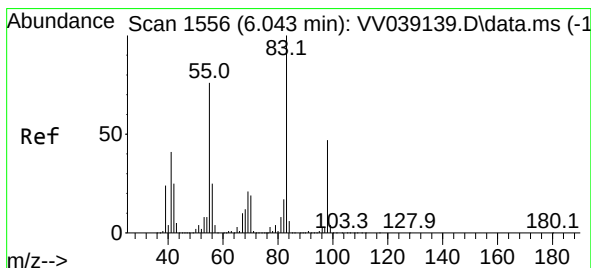
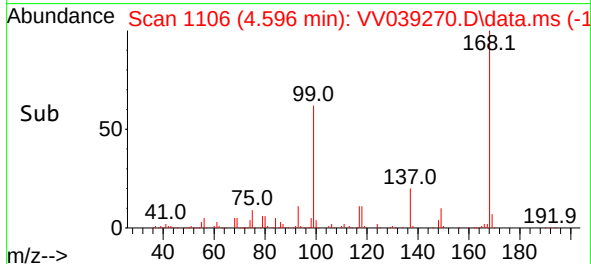
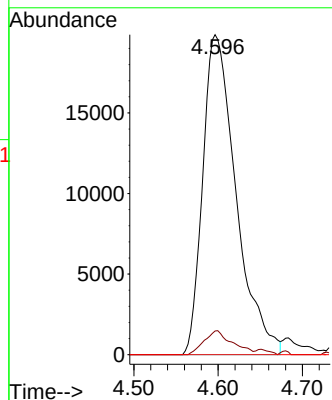
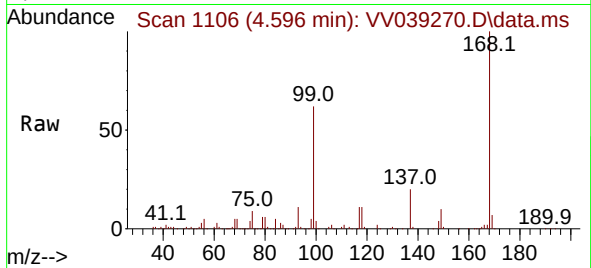




#38
Carbon Tetrachloride
Concen: 4.167 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.136 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

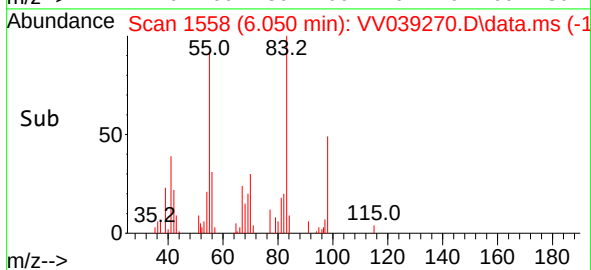
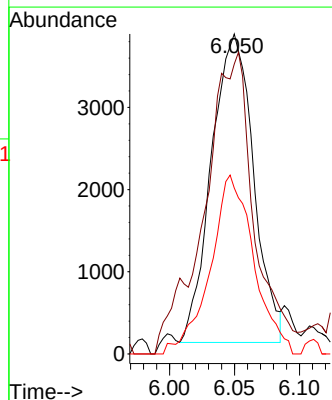
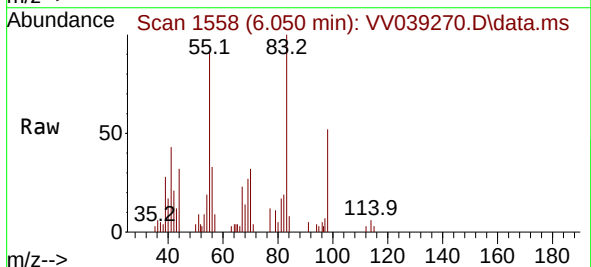
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

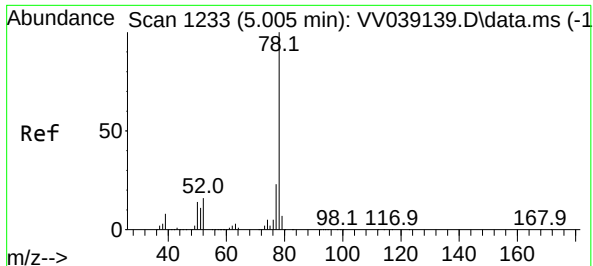
Tgt Ion:117 Resp: 54406
Ion Ratio Lower Upper
117 100
119 7.4 77.2 115.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.656 ug/l
RT: 6.050 min Scan# 1558
Delta R.T. 0.007 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 83 Resp: 8457
Ion Ratio Lower Upper
83 100
55 79.3 60.5 90.7
98 49.7 37.8 56.6

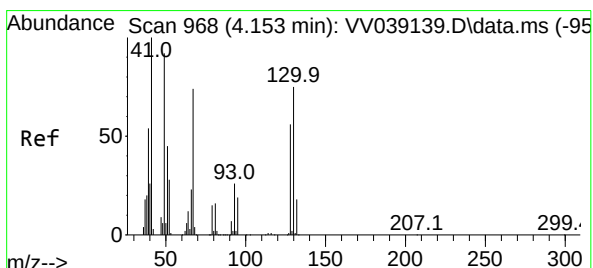
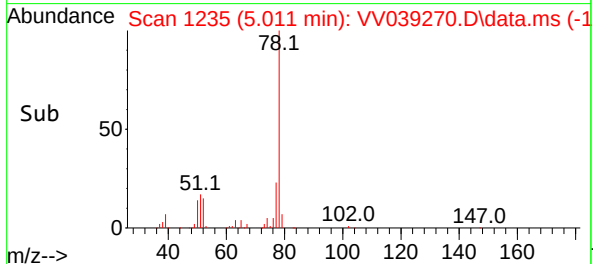
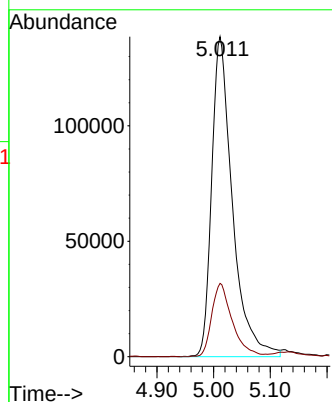
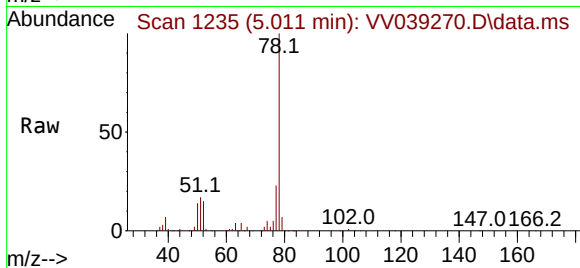




#40
Benzene
Concen: 10.112 ug/l
RT: 5.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

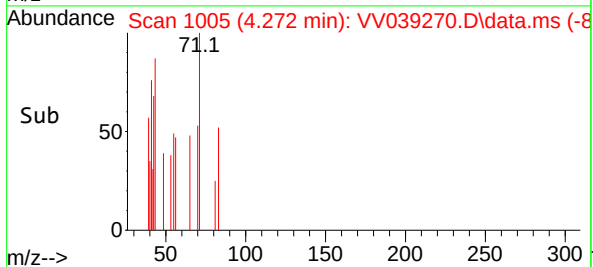
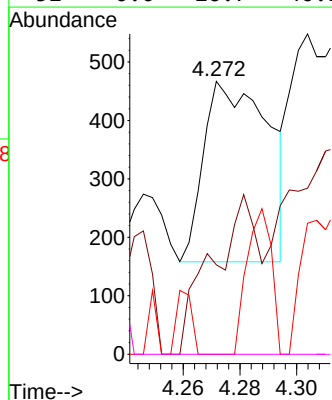
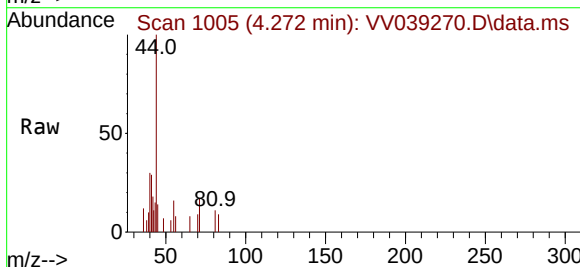
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

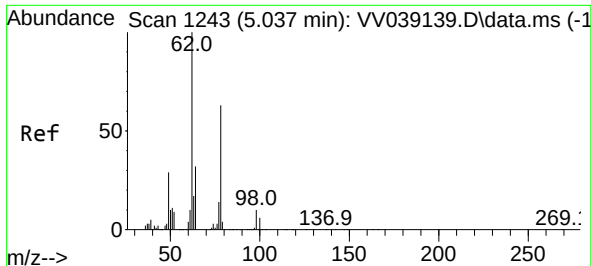
Tgt Ion: 78 Resp: 351785
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1



#41
Methacrylonitrile
Concen: 1.990 ug/l
RT: 4.272 min Scan# 1005
Delta R.T. 0.119 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 41 Resp: 485
Ion Ratio Lower Upper
41 100
39 0.0 42.2 63.2#
67 0.0 67.9 101.9#
52 0.0 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 0.300 ug/l

RT: 5.014 min Scan# 11

Delta R.T. -0.023 min

Lab File: VV039270.D

Acq: 06 Oct 2025 13:56

Instrument :

MSVOA_V

ClientSampleId :

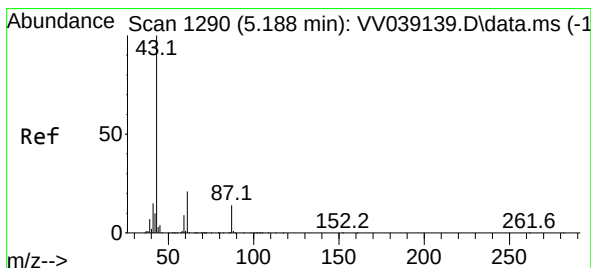
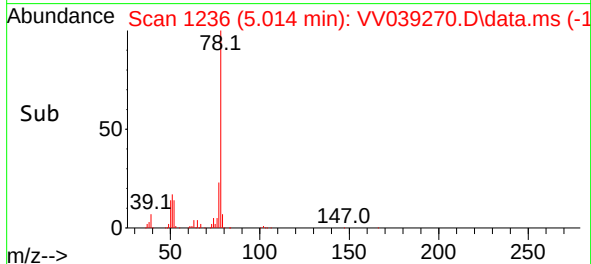
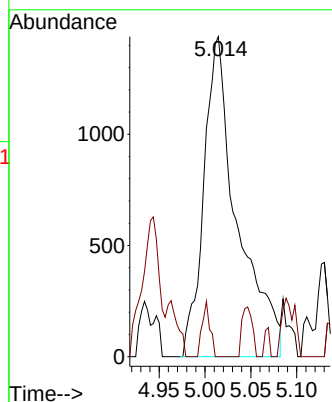
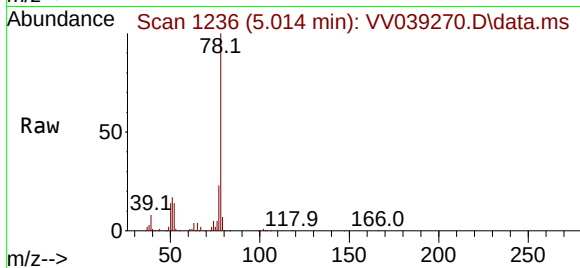
MW1DL

Tgt Ion: 62 Resp: 3655

Ion Ratio Lower Upper

62 100

98 4.0 0.0 19.2



#43

Isopropyl Acetate

Concen: 0.350 ug/l

RT: 5.137 min Scan# 1274

Delta R.T. -0.052 min

Lab File: VV039270.D

Acq: 06 Oct 2025 13:56

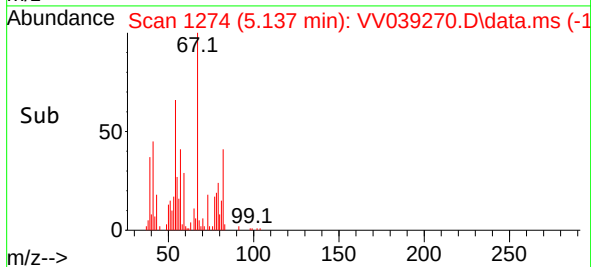
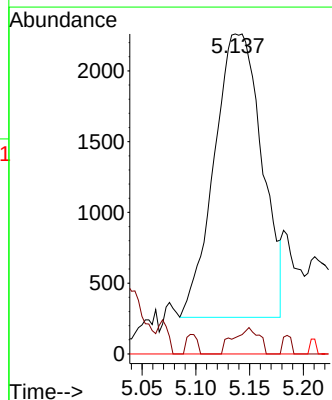
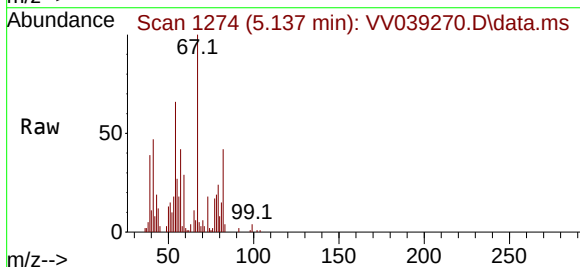
Tgt Ion: 43 Resp: 6189

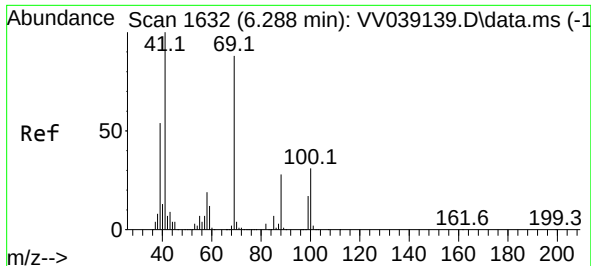
Ion Ratio Lower Upper

43 100

61 4.9 15.9 23.9#

87 0.0 11.0 16.6#





#49

1,4-Dioxane

Concen: 0.302 ug/l

RT: 6.410 min Scan# 1

Delta R.T. 0.122 min

Lab File: VV039270.D

Acq: 06 Oct 2025 13:56

Instrument :

MSVOA_V

ClientSampleId :

MW1DL

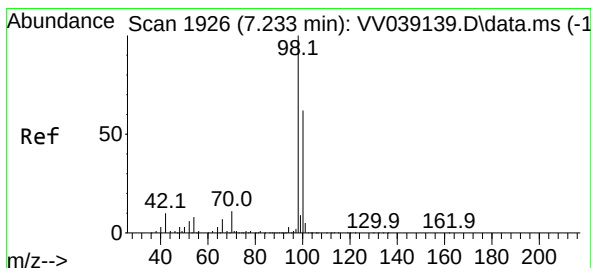
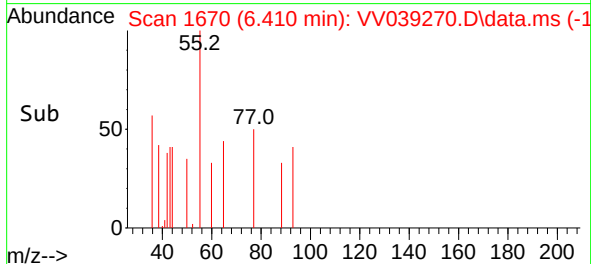
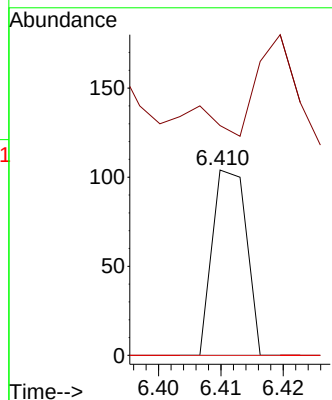
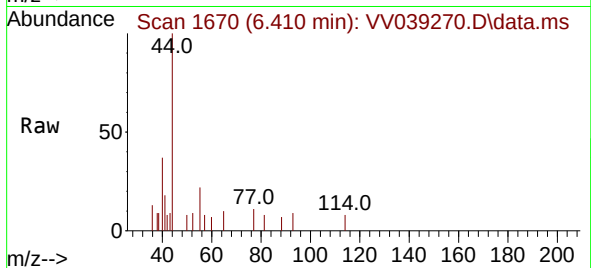
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 479.5 25.1 37.7#

58 0.0 53.6 80.4#



#50

Toluene-d8

Concen: 43.549 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039270.D

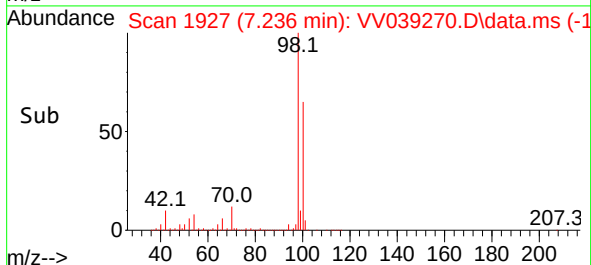
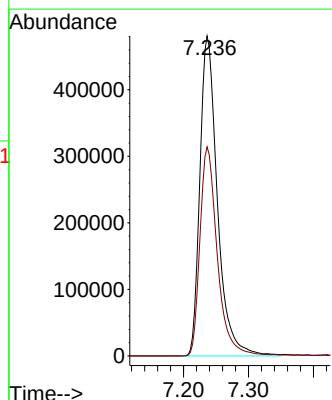
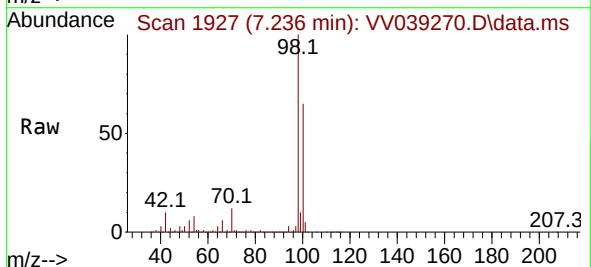
Acq: 06 Oct 2025 13:56

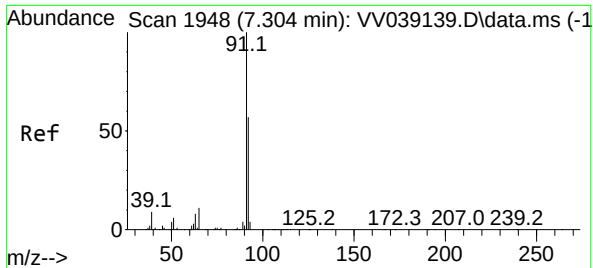
Tgt Ion: 98 Resp: 903765

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2

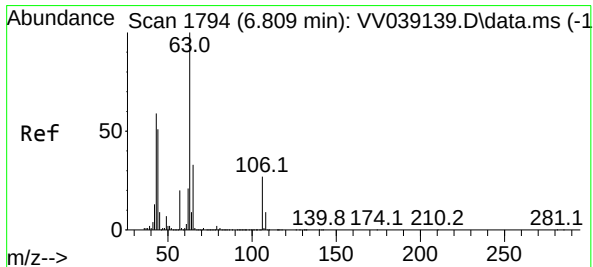
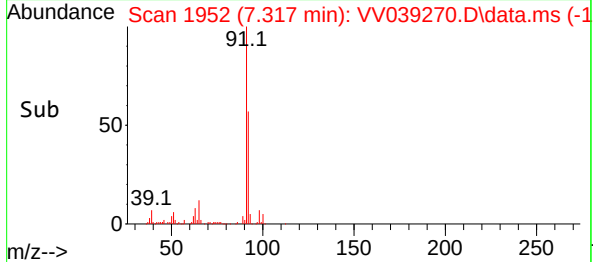
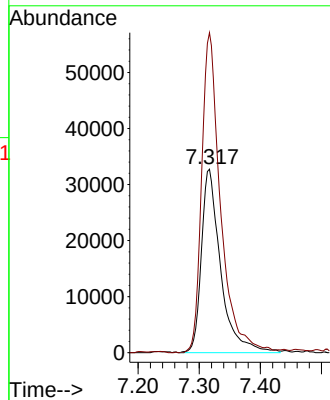
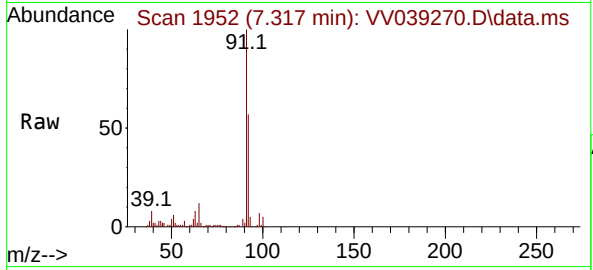




#52
Toluene
Concen: 3.557 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

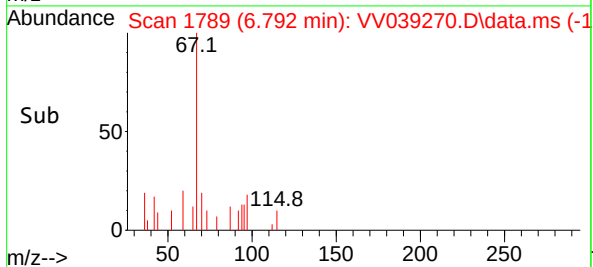
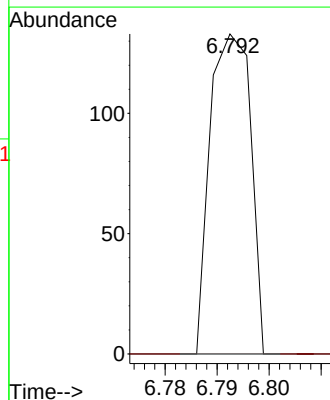
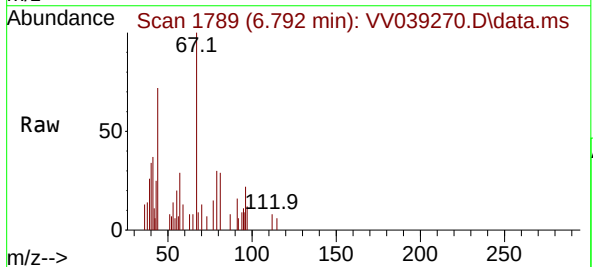
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

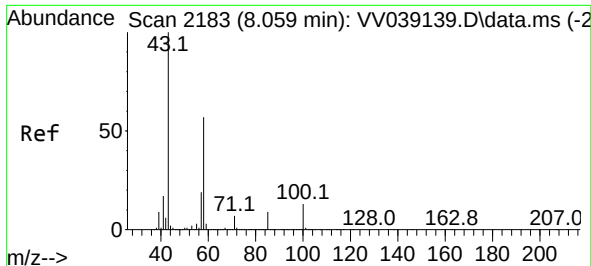
Tgt Ion: 92 Resp: 71741
Ion Ratio Lower Upper
92 100
91 170.9 139.2 208.8



#58
2-Chloroethyl Vinyl ether
Concen: 9.634 ug/l
RT: 6.792 min Scan# 1789
Delta R.T. -0.017 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 63 Resp: 72
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#

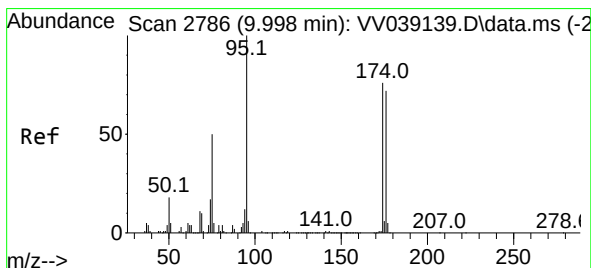
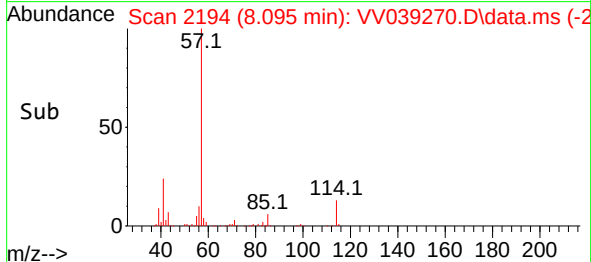
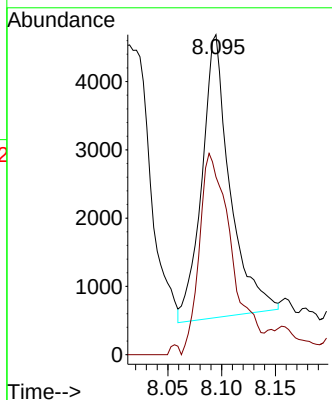
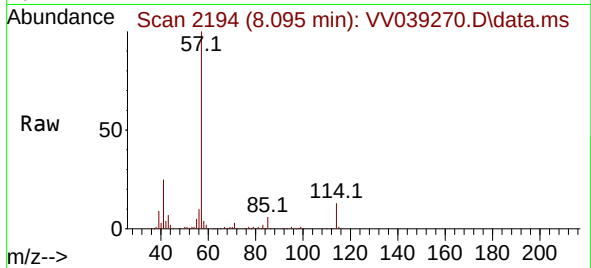




#59
2-Hexanone
Concen: 3.123 ug/l
RT: 8.095 min Scan# 2183
Delta R.T. 0.036 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

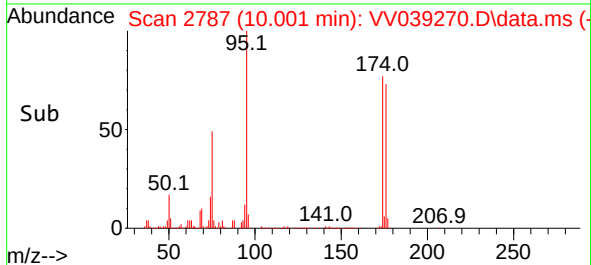
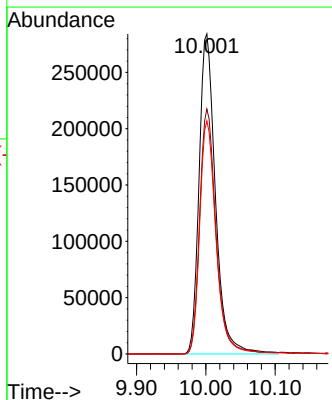
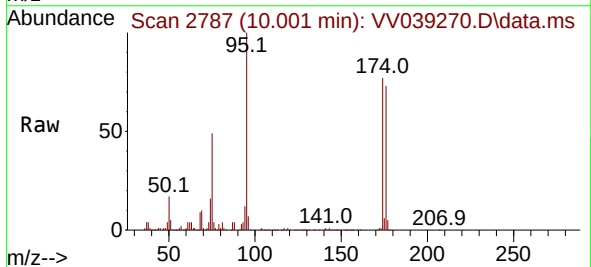
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

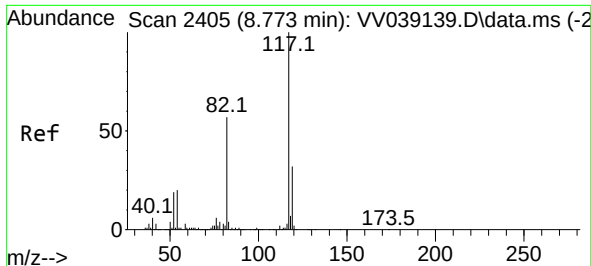
Tgt Ion: 43 Resp: 7553
Ion Ratio Lower Upper
43 100
58 82.1 28.3 85.0



#62
4-Bromofluorobenzene
Concen: 54.598 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 95 Resp: 466453
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 72.7 0.0 144.2

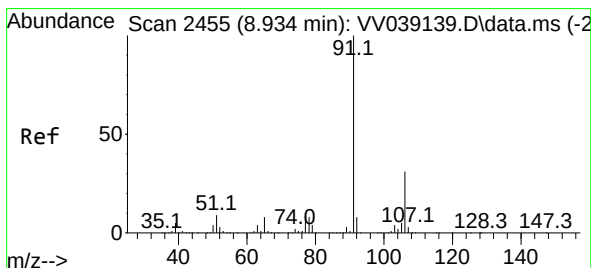
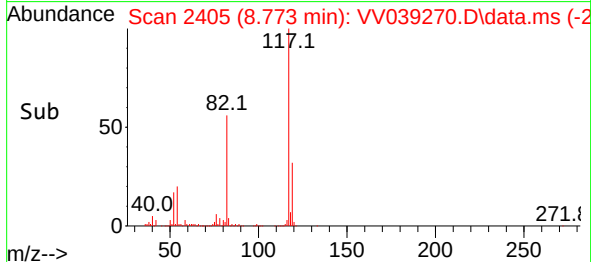
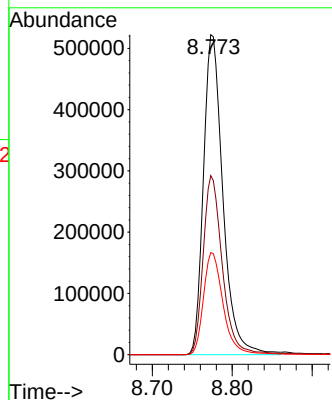
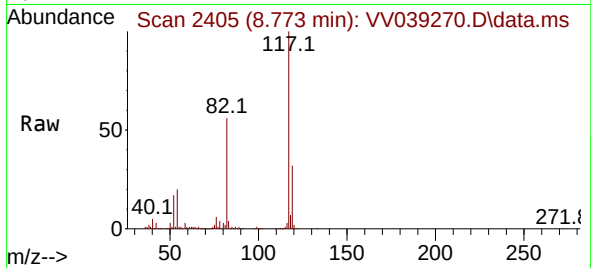




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

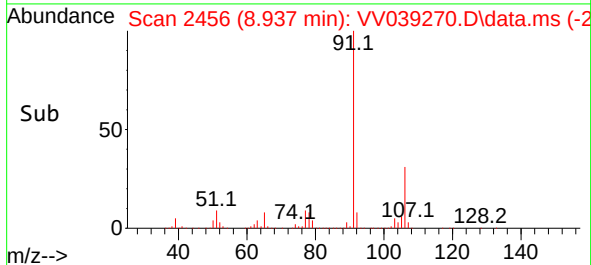
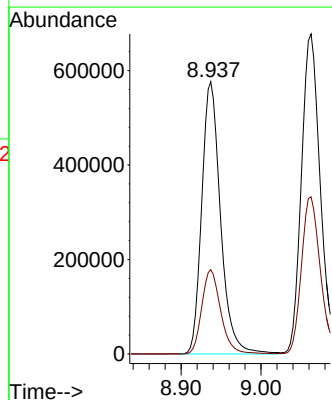
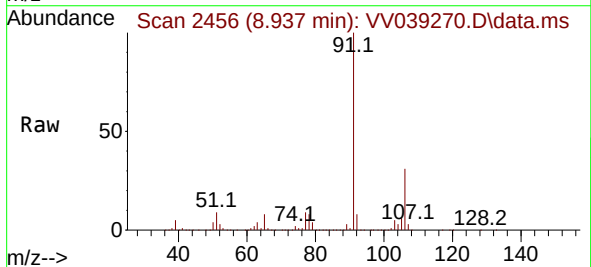
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

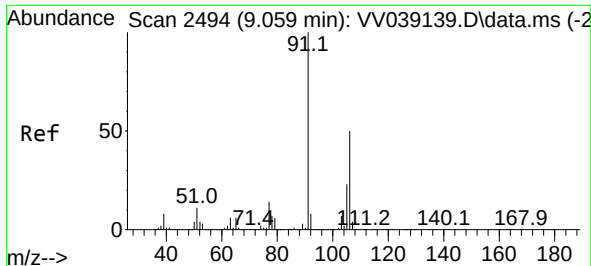
Tgt Ion:117 Resp: 886561
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 25.262 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 944302
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

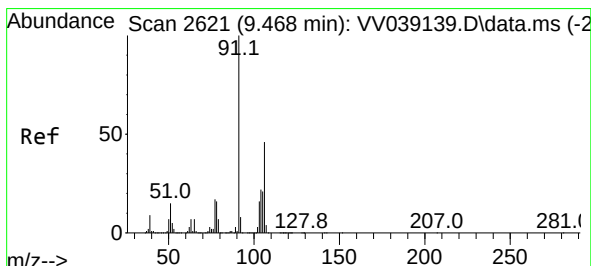
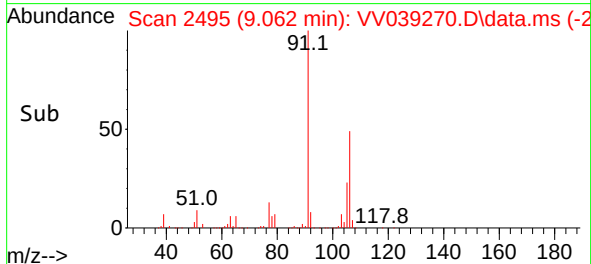
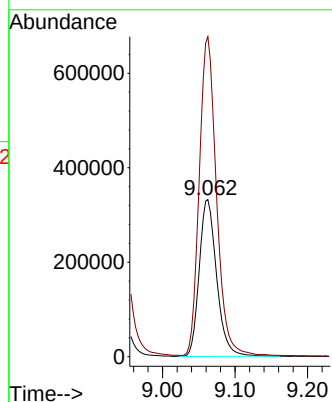
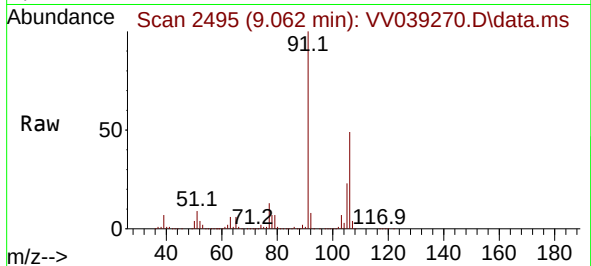




#68
m/p-Xylenes
Concen: 38.352 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

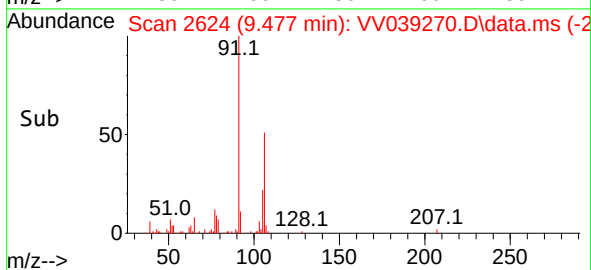
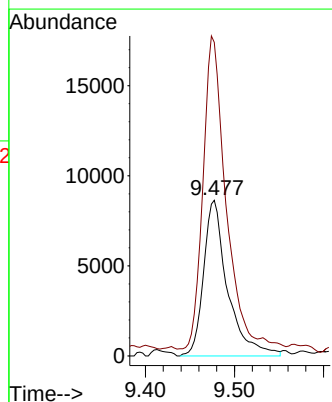
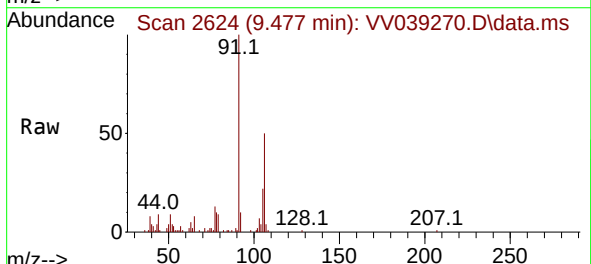
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

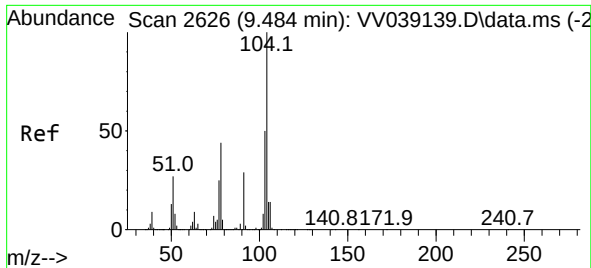
Tgt Ion:106 Resp: 553320
Ion Ratio Lower Upper
106 100
91 204.4 162.5 243.7



#69
o-Xylene
Concen: 1.266 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:106 Resp: 16173
Ion Ratio Lower Upper
106 100
91 187.7 109.1 327.3

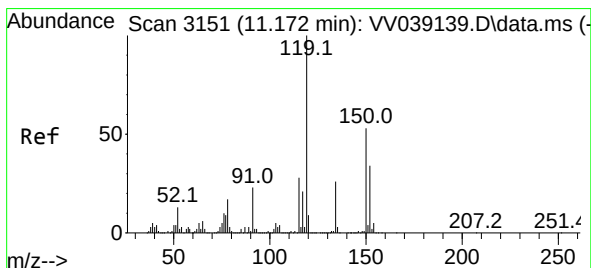
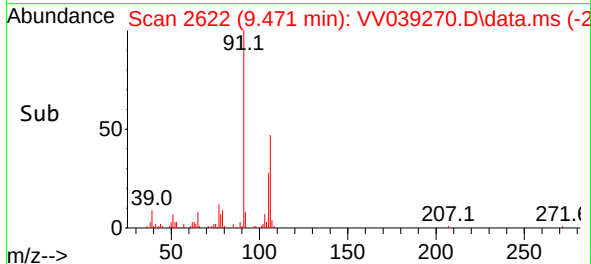
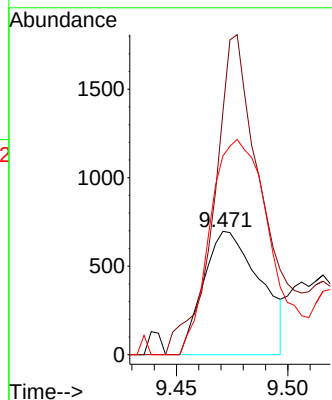
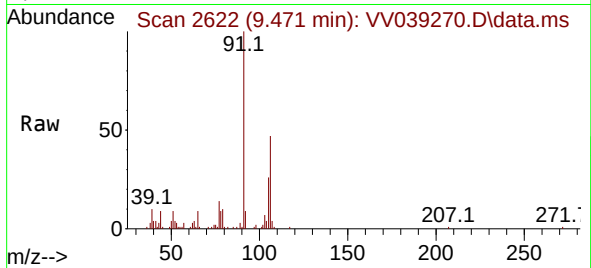




#70
Styrene
Concen: 1.605 ug/l
RT: 9.471 min Scan# 21
Delta R.T. -0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

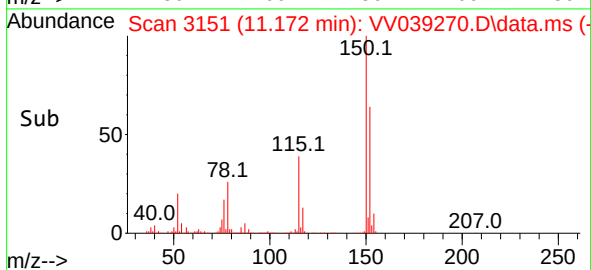
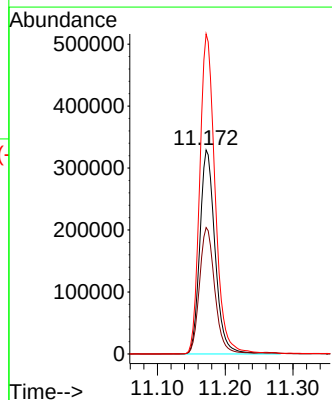
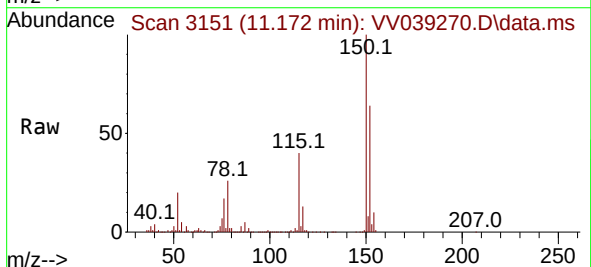
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

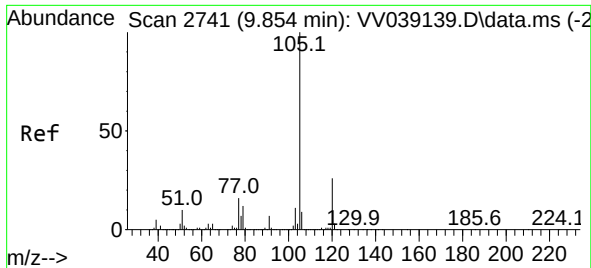
Tgt Ion:104 Resp: 1233
Ion Ratio Lower Upper
104 100
78 222.8 39.8 59.6#
103 186.1 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:152 Resp: 514429
Ion Ratio Lower Upper
152 100
115 61.9 44.8 134.4
150 158.1 0.0 353.8

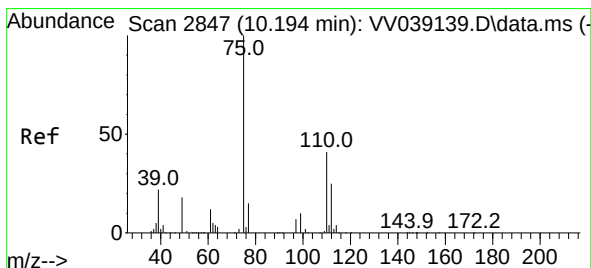
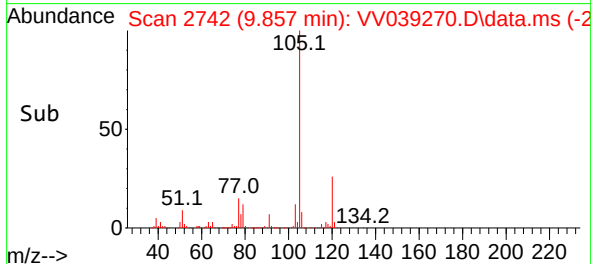
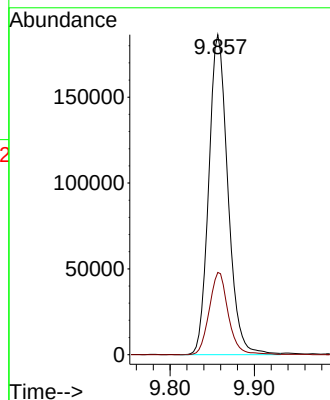
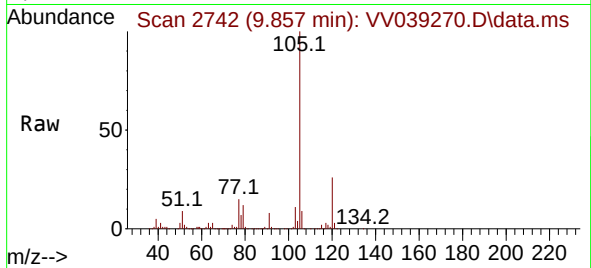




#73
Isopropylbenzene
Concen: 7.897 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

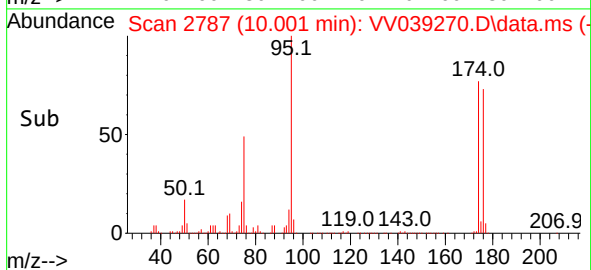
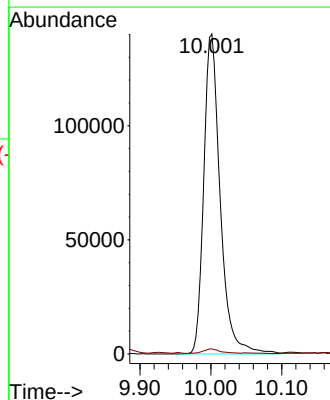
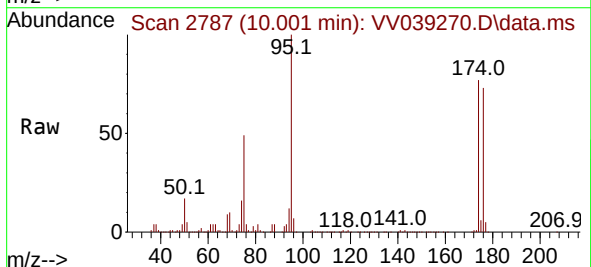
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

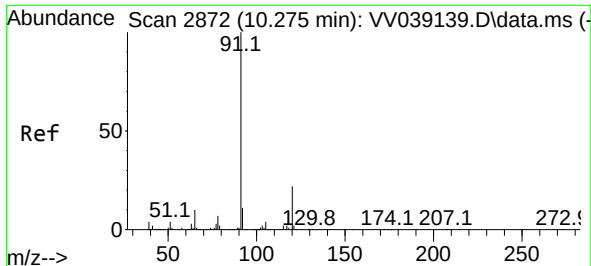
Tgt Ion:105 Resp: 294641
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 19.293 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.193 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 75 Resp: 225979
Ion Ratio Lower Upper
75 100
77 1.3 11.3 33.8#

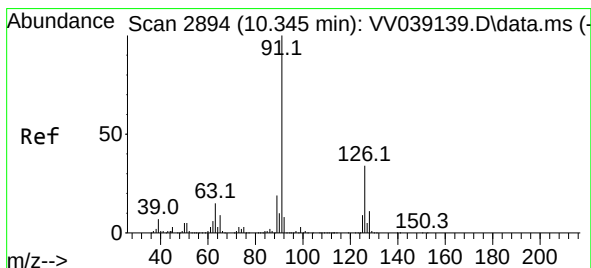
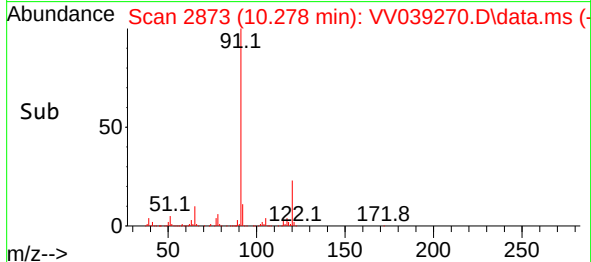
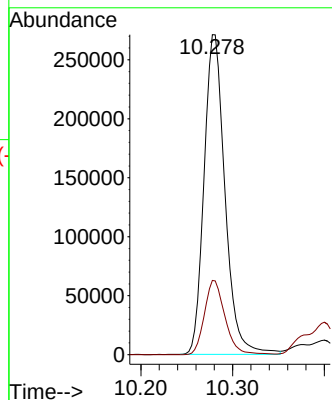
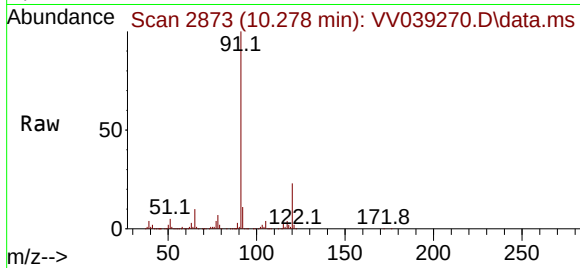




#78
n-propylbenzene
Concen: 9.490 ug/l
RT: 10.278 min Scan# 2911
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

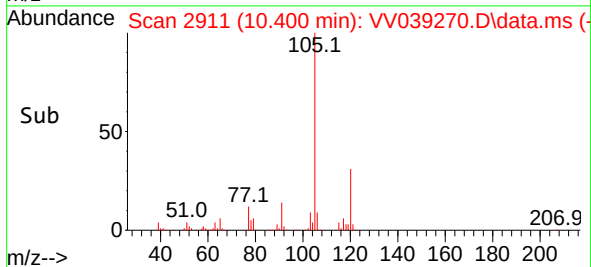
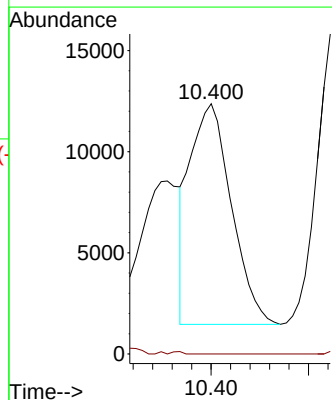
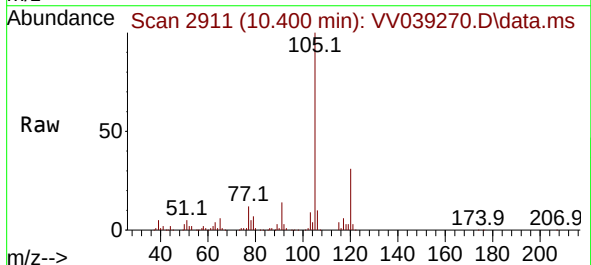
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

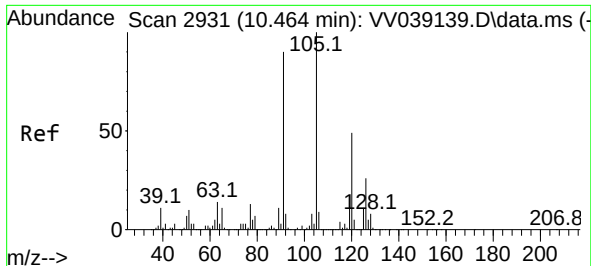
Tgt Ion: 91 Resp: 431195
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.3



#79
2-Chlorotoluene
Concen: 0.593 ug/l
RT: 10.400 min Scan# 2911
Delta R.T. 0.055 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 91 Resp: 16113
Ion Ratio Lower Upper
91 100
126 0.4 16.7 50.0#

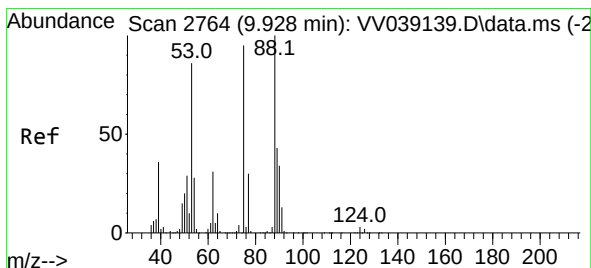
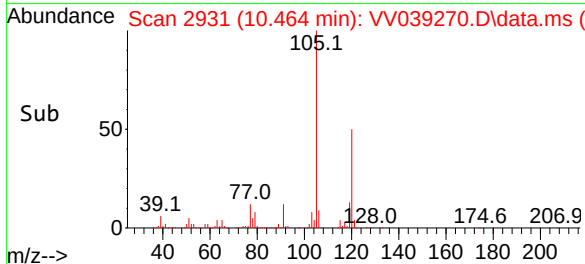
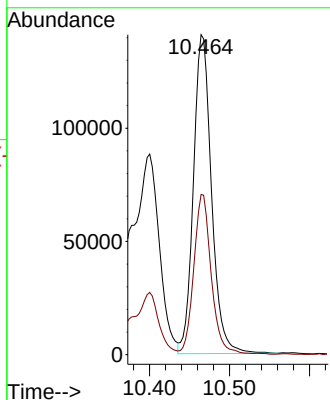
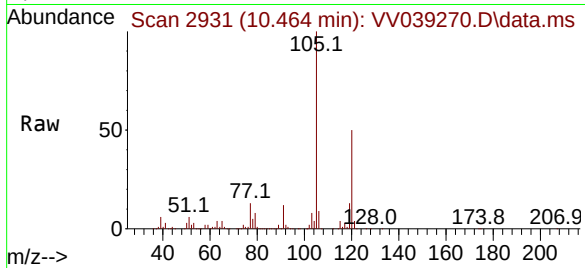




#80
 1,3,5-Trimethylbenzene
 Concen: 7.148 ug/l
 RT: 10.464 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

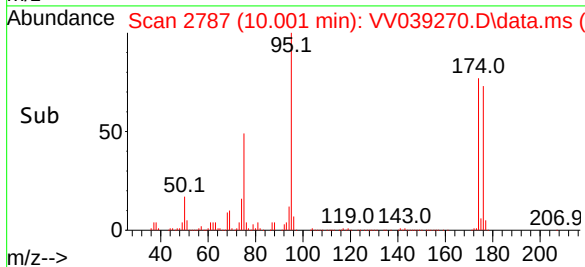
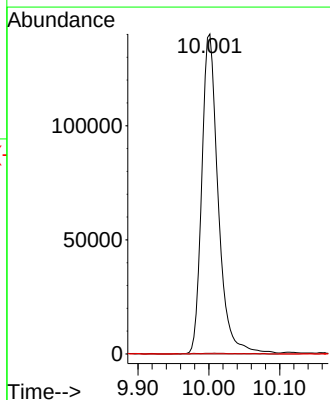
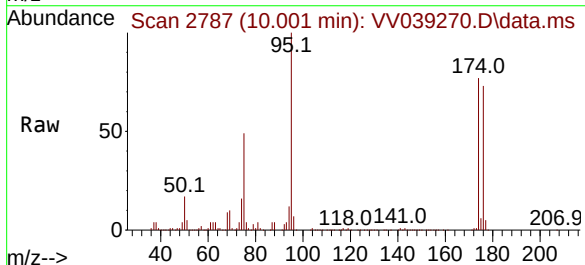
Instrument :
 MSVOA_V
 ClientSampleId :
 MW1DL

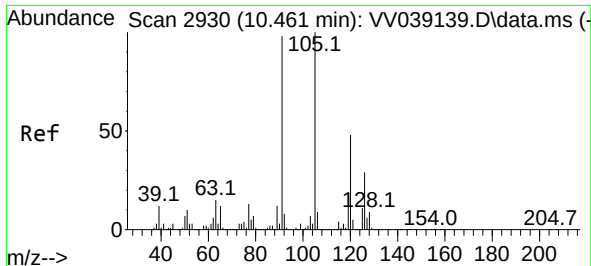
Tgt Ion:105 Resp: 221695
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.318 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.074 min
 Lab File: VV039270.D
 Acq: 06 Oct 2025 13:56

Tgt Ion: 75 Resp: 225979
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.5 108.7#
 89 0.0 37.2 55.8#

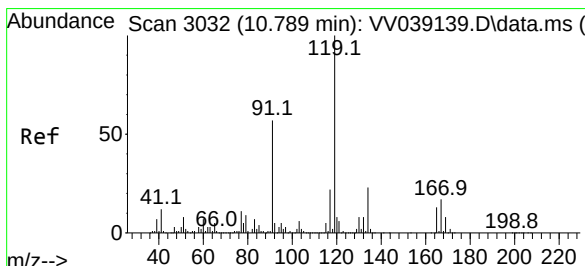
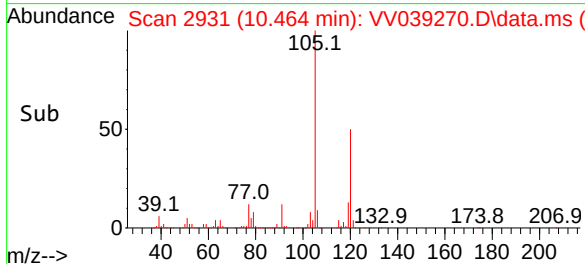
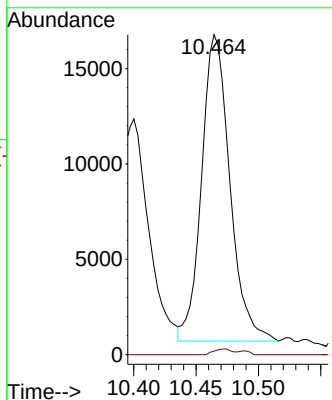
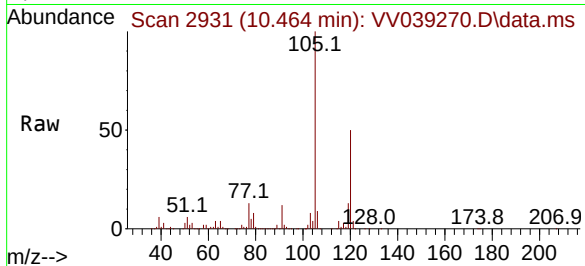




#82
4-Chlorotoluene
Concen: 0.803 ug/l
RT: 10.464 min Scan# 2930
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

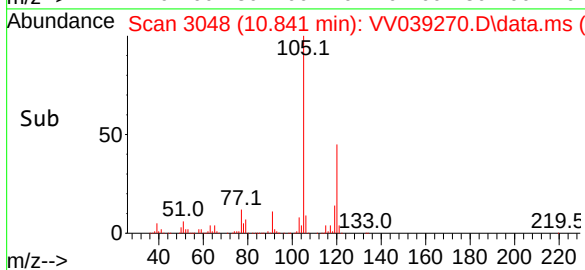
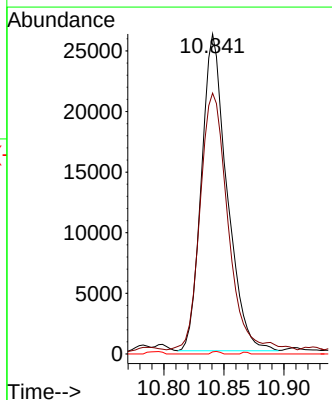
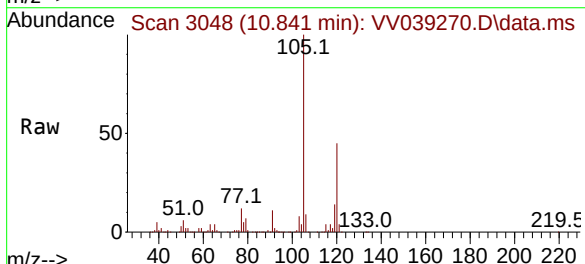
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

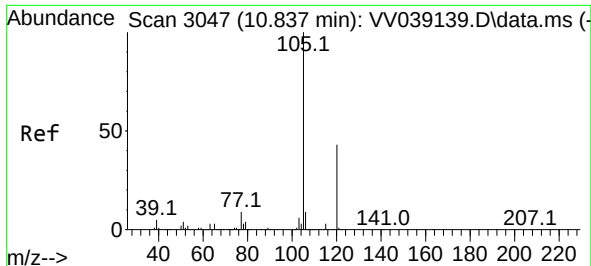
Tgt Ion: 91 Resp: 25320
Ion Ratio Lower Upper
91 100
126 1.3 14.5 43.6#



#83
tert-Butylbenzene
Concen: 1.253 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.051 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 119 Resp: 38751
Ion Ratio Lower Upper
119 100
91 87.5 28.5 85.6#
134 0.3 11.5 34.4#

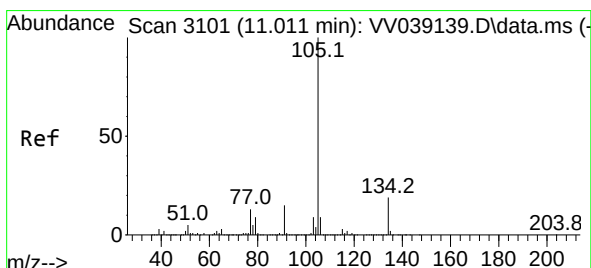
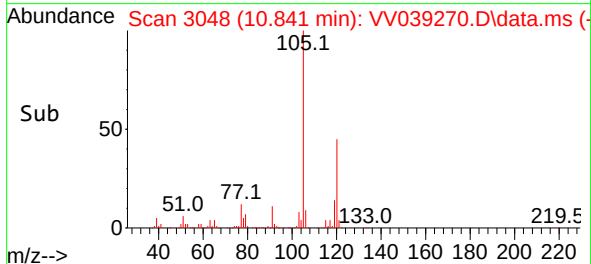
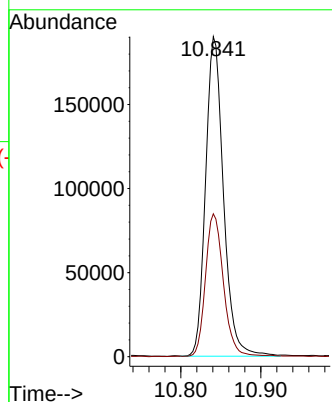
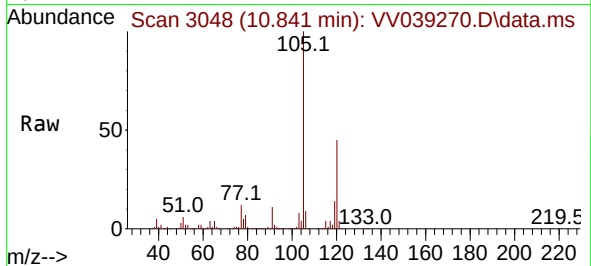




#84
1,2,4-Trimethylbenzene
Concen: 9.834 ug/l
RT: 10.841 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

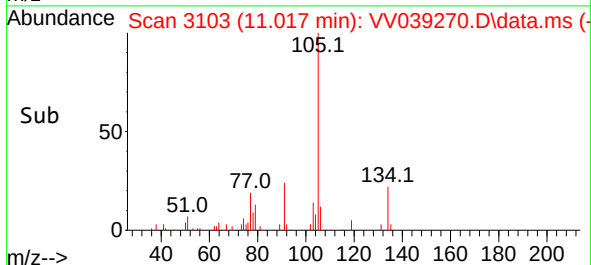
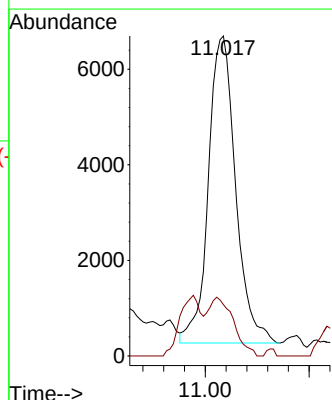
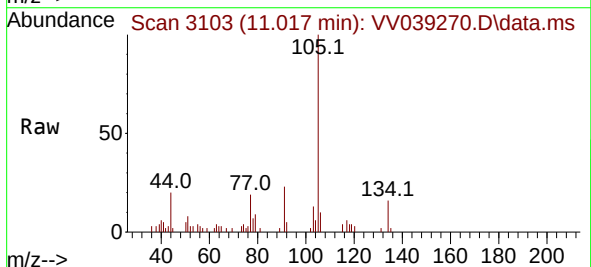
Instrument :
MSVOA_V
ClientSampleId :
MW1DL

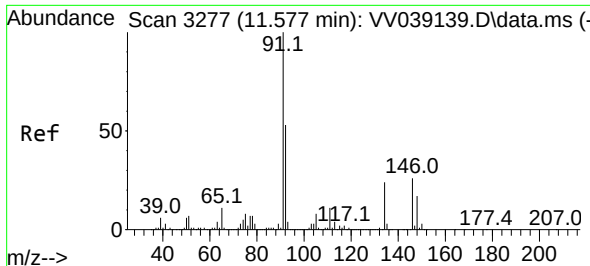
Tgt Ion:105 Resp: 296085
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.2



#85
sec-Butylbenzene
Concen: 0.285 ug/l
RT: 11.017 min Scan# 3103
Delta R.T. 0.006 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion:105 Resp: 11710
Ion Ratio Lower Upper
105 100
134 16.4 9.6 28.8





#89

n-Butylbenzene

Concen: 0.530 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039270.D

Acq: 06 Oct 2025 13:56

Instrument :

MSVOA_V

ClientSampleId :

MW1DL

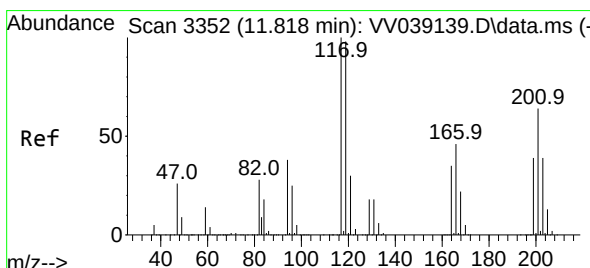
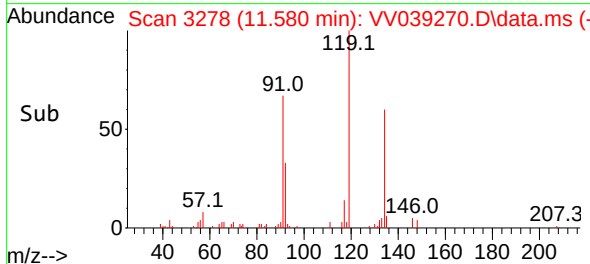
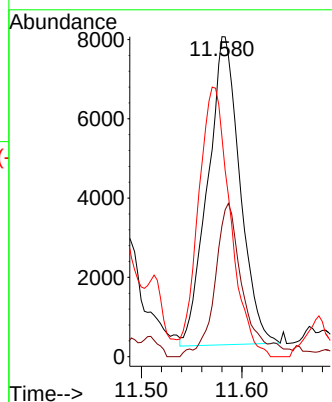
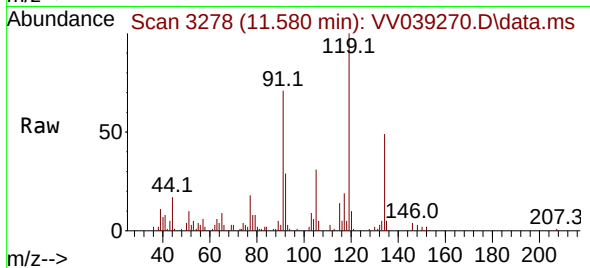
Tgt Ion: 91 Resp: 17281

Ion Ratio Lower Upper

91 100

92 43.1 26.6 79.8

134 86.7 12.1 36.3#



#90

Hexachloroethane

Concen: 0.267 ug/l

RT: 11.847 min Scan# 3361

Delta R.T. 0.029 min

Lab File: VV039270.D

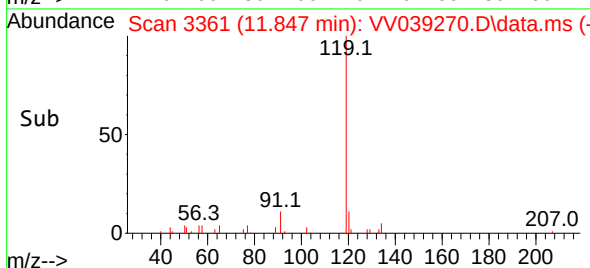
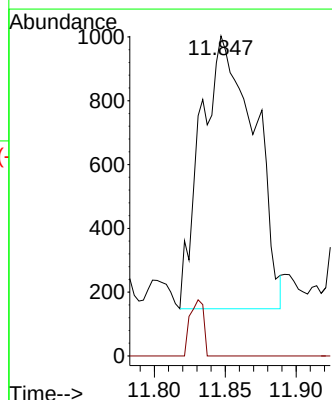
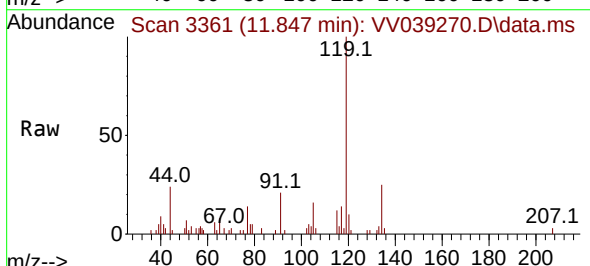
Acq: 06 Oct 2025 13:56

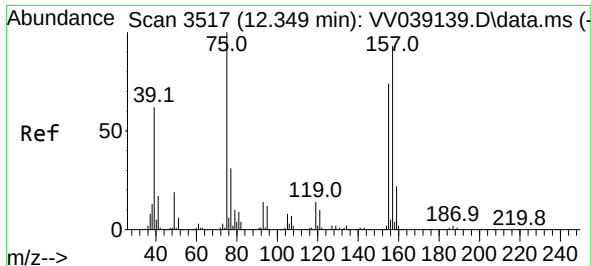
Tgt Ion: 117 Resp: 2244

Ion Ratio Lower Upper

117 100

201 5.2 32.3 96.8#

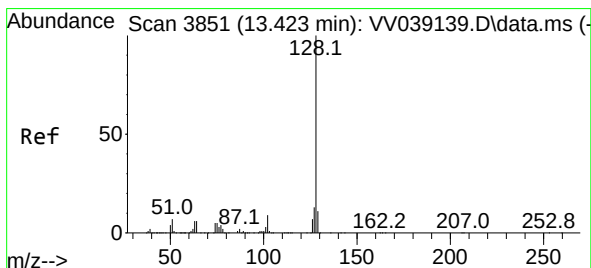
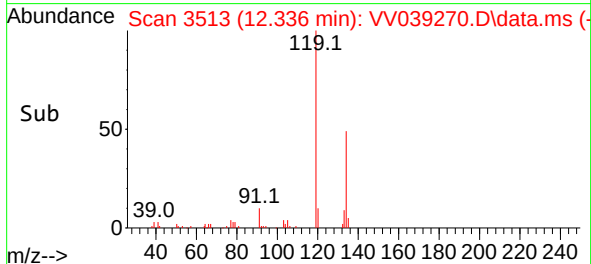
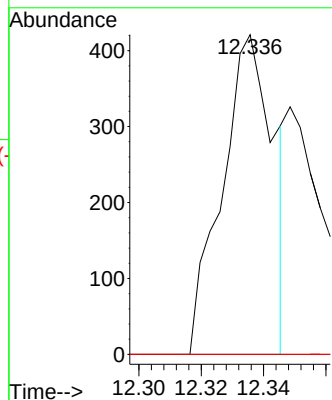
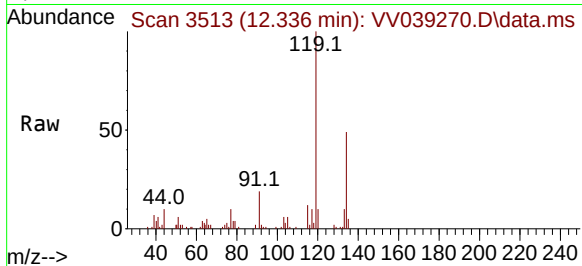




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.336 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Instrument :
MSVOA_V
ClientSampleId :
MW1DL

Tgt Ion: 75 Resp: 481
Ion Ratio Lower Upper
75 100
155 0.0 38.6 115.8#
157 0.0 49.5 148.3#



#95
Naphthalene
Concen: 2.539 ug/l
RT: 13.432 min Scan# 3854
Delta R.T. 0.009 min
Lab File: VV039270.D
Acq: 06 Oct 2025 13:56

Tgt Ion: 128 Resp: 86115
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.2 8.6 13.0

