

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039318.D
 Acq On : 04 Nov 2025 16:39
 Operator : SY/MD
 Sample : Q3534-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 00:39:05 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	968590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1722471	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1684073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	851194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	731249	53.131	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 106.260%	
35) Dibromofluoromethane	4.500	113	660297	48.652	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 97.300%	
50) Toluene-d8	7.236	98	2350488	50.909	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	9.998	95	876742	53.319	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 106.640%	

Target Compounds			Qvalue			
3) Chloromethane	1.198	50	8749	0.686	ug/l #	41
6) Chloroethane	1.667	64	3357	Below Cal	#	55
8) Diethyl Ether	1.918	74	374782	46.688	ug/l	100
11) Tert butyl alcohol	2.568	59	23276	8.727	ug/l	96
13) Acrolein	2.005	56	291	Below Cal	#	1
16) Acetone	2.124	43	47438	Below Cal		97
20) Methylene Chloride	2.458	84	1308	Below Cal	#	45
22) Diisopropyl ether	3.217	45	421610	11.342	ug/l #	34
23) Vinyl Acetate	3.217	43	223042	6.835	ug/l #	71
29) Tetrahydrofuran	4.243	42	132147	24.555	ug/l	93
31) Cyclohexane	4.593	56	22979	1.267	ug/l #	9
36) 1,1-Dichloropropene	4.600	75	75950	4.456	ug/l #	46
38) Carbon Tetrachloride	4.600	117	99992	4.815	ug/l #	16
40) Benzene	5.014	78	262333	4.796	ug/l	97
41) Methacrylonitrile	4.246	41	78596	10.588	ug/l #	38
49) 1,4-Dioxane	6.336	88	1100	5.463	ug/l #	52
51) 4-Methyl-2-Pentanone	7.059	43	633869	34.970	ug/l #	36
53) t-1,3-Dichloropropene	7.792	75	13218	0.690	ug/l #	59
58) 2-Chloroethyl Vinyl ether	6.741	63	90	8.476	ug/l #	45
65) Chlorobenzene	8.802	112	1309181	32.838	ug/l	99
68) m/p-Xylenes	9.082	106	6616	0.284	ug/l	89
69) o-Xylene	9.474	106	18747	0.911	ug/l	97
73) Isopropylbenzene	9.857	105	2508811	48.537	ug/l	100
74) N-amyl acetate	9.779	43	5457	0.256	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	10.178	83	10530	0.444	ug/l #	27
76) 1,2,3-Trichloropropane	10.275	75	18381	1.082	ug/l #	1
78) n-propylbenzene	10.275	91	3093598	49.326	ug/l	100
79) 2-Chlorotoluene	10.349	91	149113	3.851	ug/l	91
80) 1,3,5-Trimethylbenzene	10.664	105	75902	1.751	ug/l	76
81) trans-1,4-Dichloro-2-b...	9.998	75	431634	64.165	ug/l #	14
82) 4-Chlorotoluene	10.349	91	149113	3.350	ug/l	99
83) tert-Butylbenzene	10.789	119	11392	0.265	ug/l	92
85) sec-Butylbenzene	11.014	105	95341	1.752	ug/l	98
86) p-Isopropyltoluene	11.381	119	34087	0.728	ug/l	97
87) 1,3-Dichlorobenzene	11.197	146	121605	4.291	ug/l	94
88) 1,4-Dichlorobenzene	11.197	146	121605	3.834	ug/l	93

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QLast Update : Wed Oct 08 05:01:26 2025
Response via : Initial Calibration

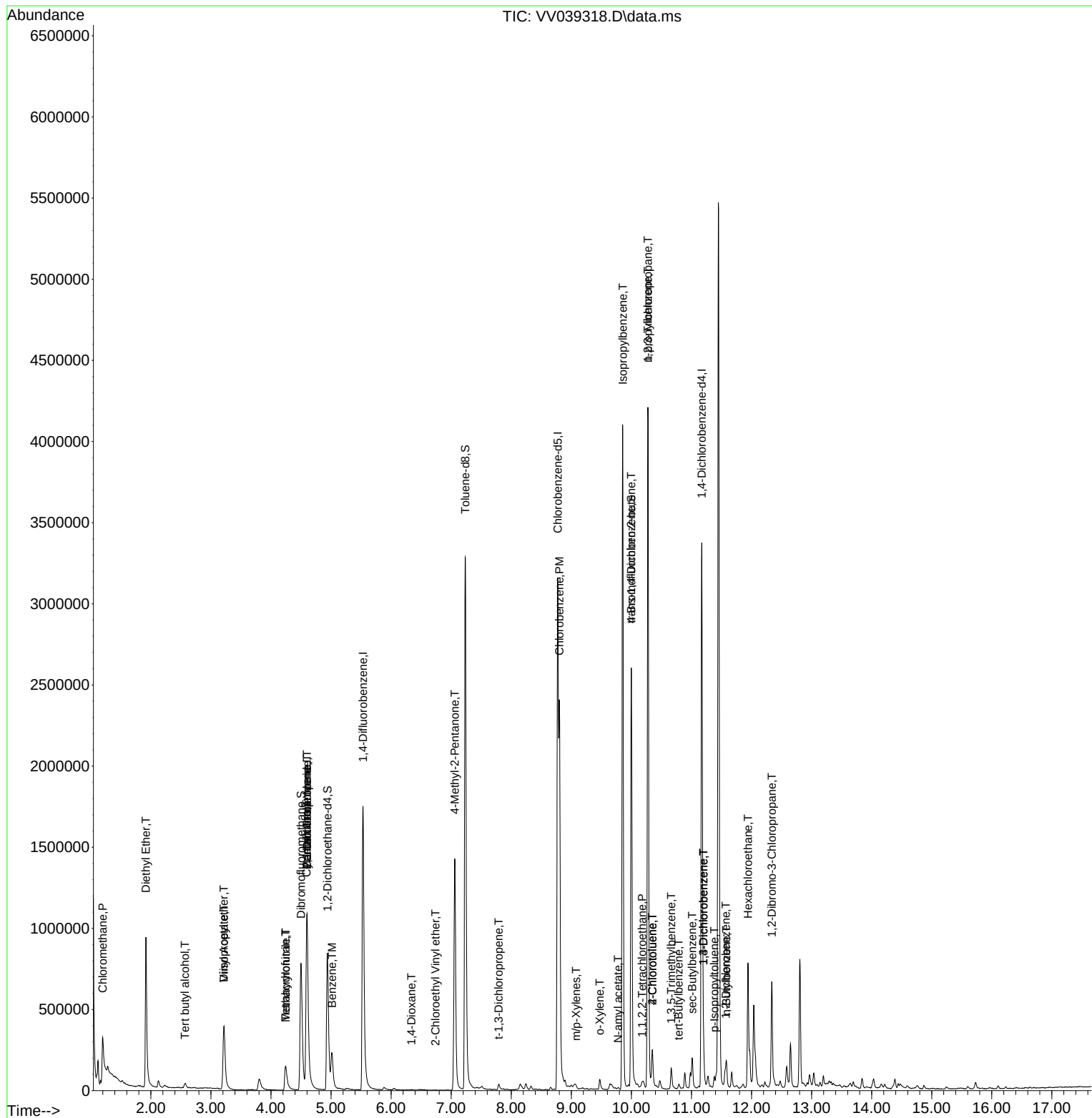
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	11.580	91	83827	1.924	ug/l	87
90) Hexachloroethane	11.940	117	44911	3.881	ug/l #	16
91) 1,2-Dichlorobenzene	11.574	146	12267	0.455	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.339	75	3157	0.647	ug/l #	2

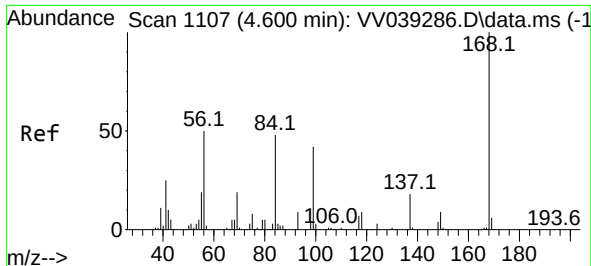
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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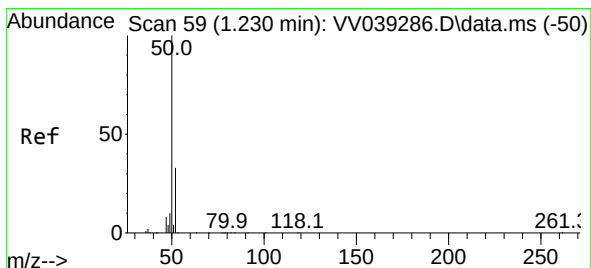
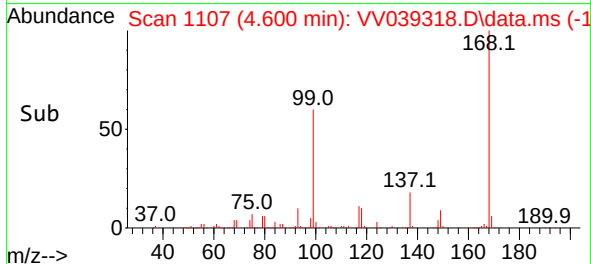
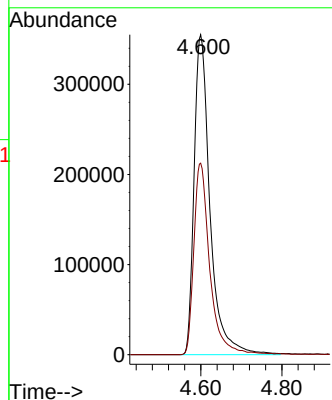
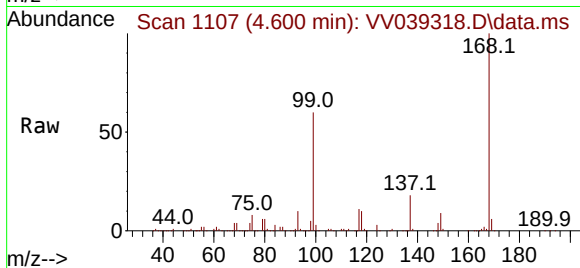




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

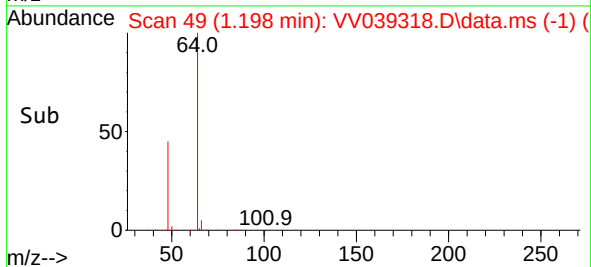
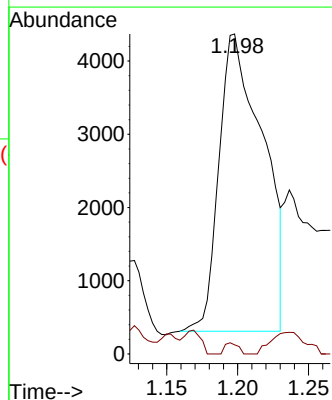
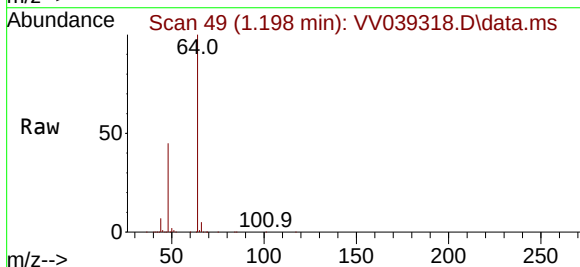
Instrument :
MSVOA_V
ClientSampleId :

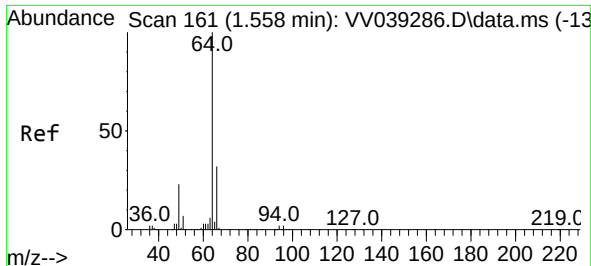
Tgt Ion:168 Resp: 968590
Ion Ratio Lower Upper
168 100
99 59.8 46.6 70.0



#3
Chloromethane
Concen: 0.686 ug/l
RT: 1.198 min Scan# 49
Delta R.T. -0.032 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 50 Resp: 8749
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

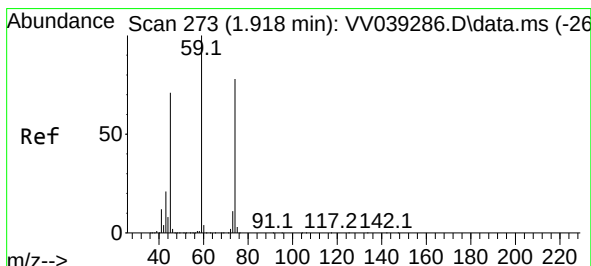
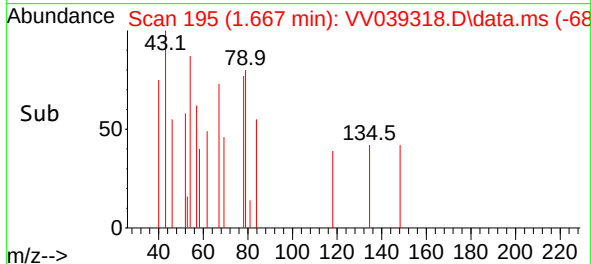
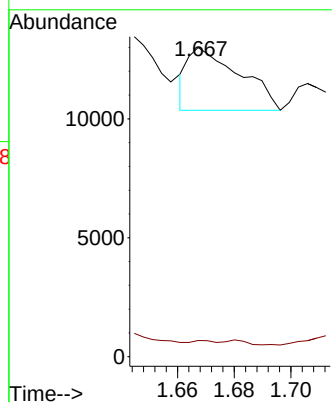
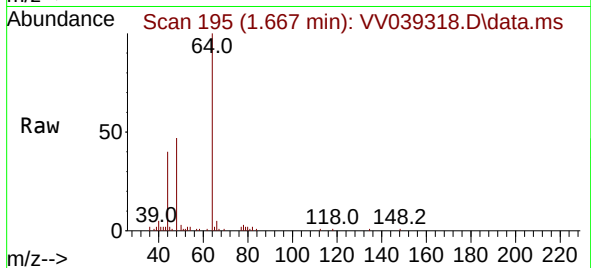




#6
Chloroethane
Concen: Below Cal
RT: 1.667 min Scan# 195
Delta R.T. 0.109 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

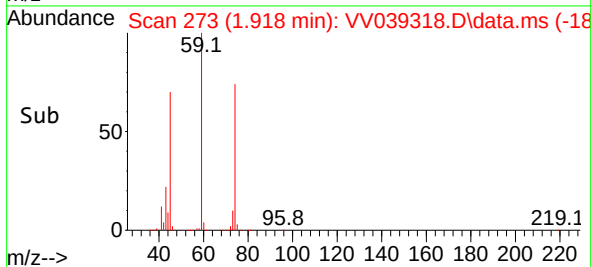
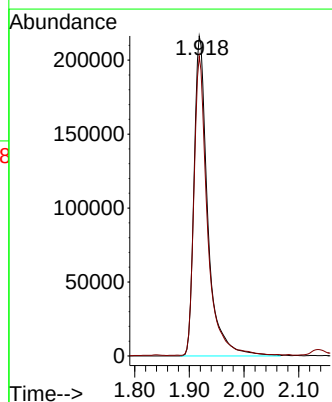
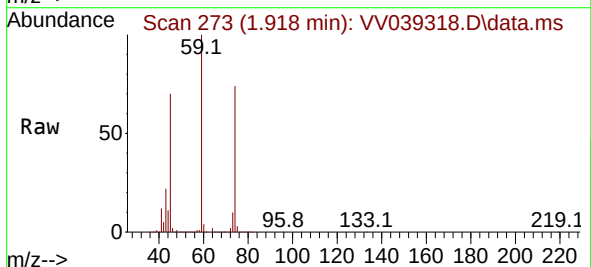
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ClientSampleId :

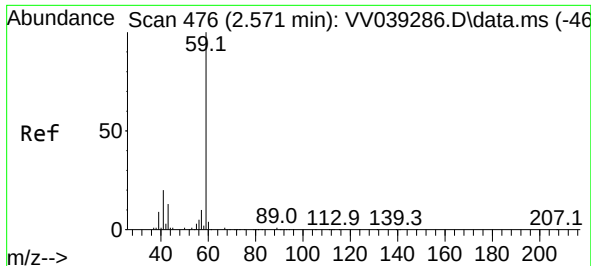
Tgt Ion: 64 Resp: 3357
Ion Ratio Lower Upper
64 100
66 7.2 25.7 38.5#



#8
Diethyl Ether
Concen: 46.688 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 74 Resp: 374782
Ion Ratio Lower Upper
74 100
45 92.3 45.9 137.7

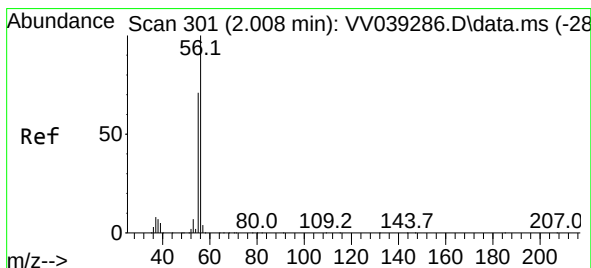
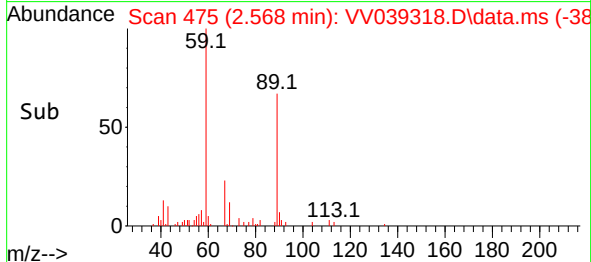
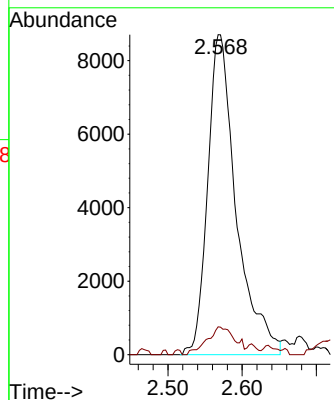
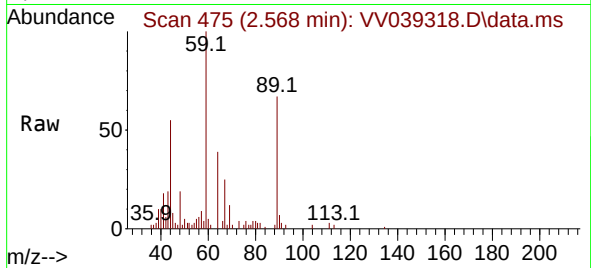




#11
Tert butyl alcohol
Concen: 8.727 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

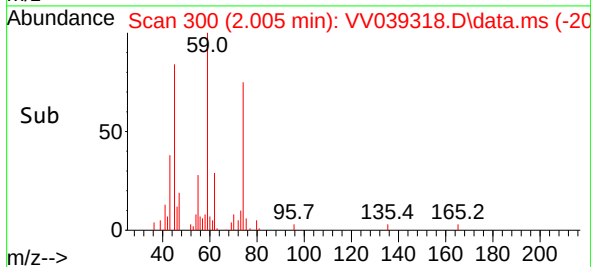
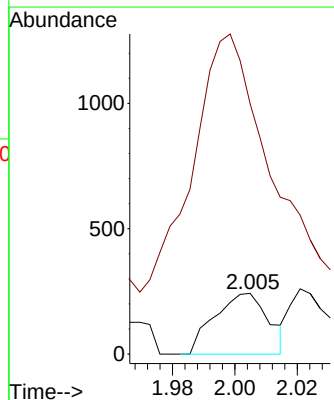
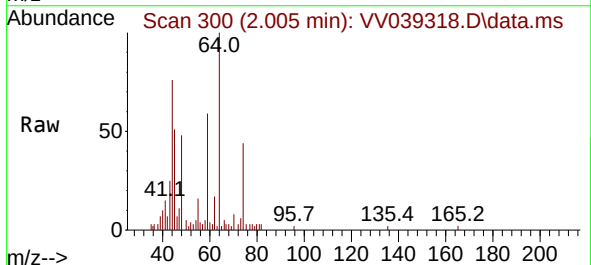
Instrument :
MSVOA_V
ClientSampleId :

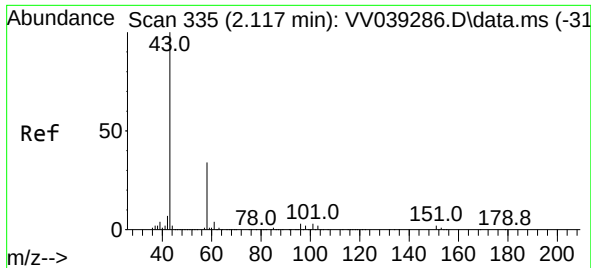
Tgt Ion: 59 Resp: 23276
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1



#13
Acrolein
Concen: Below Cal
RT: 2.005 min Scan# 300
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 56 Resp: 291
Ion Ratio Lower Upper
56 100
55 829.9 56.2 84.4#

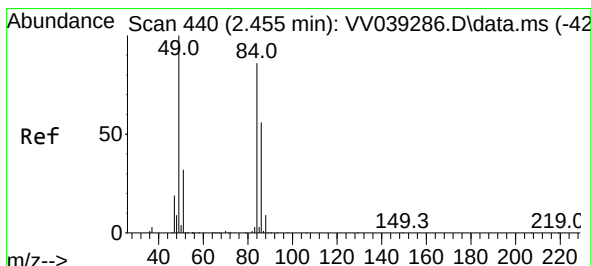
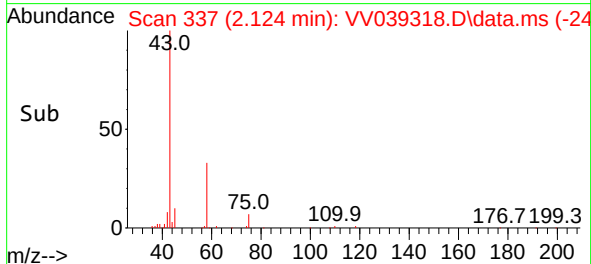
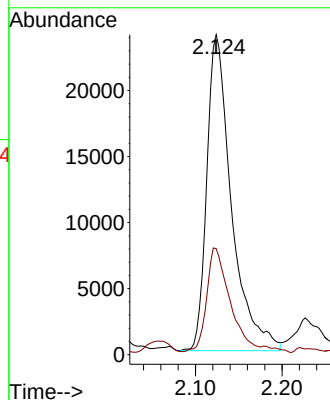
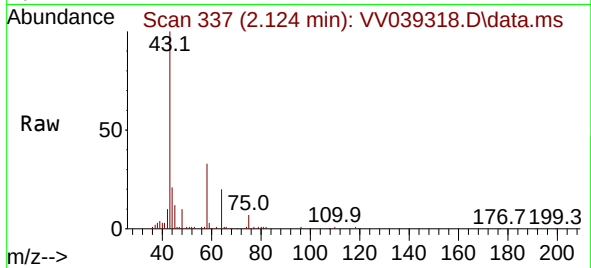




#16
Acetone
Concen: Below Cal
RT: 2.124 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

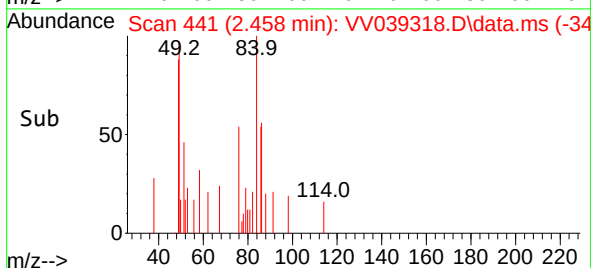
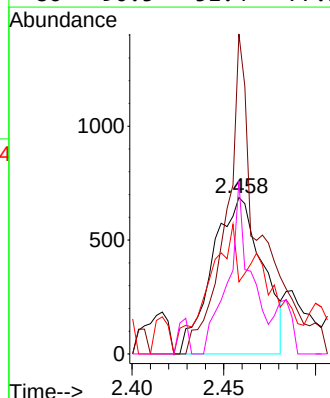
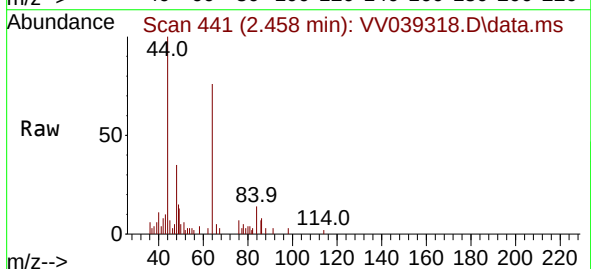
Instrument :
MSVOA_V
ClientSampleId :

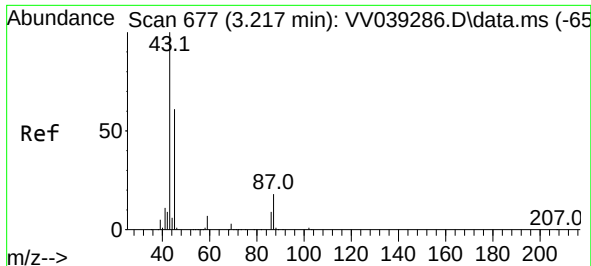
Tgt Ion: 43 Resp: 47438
Ion Ratio Lower Upper
43 100
58 32.5 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

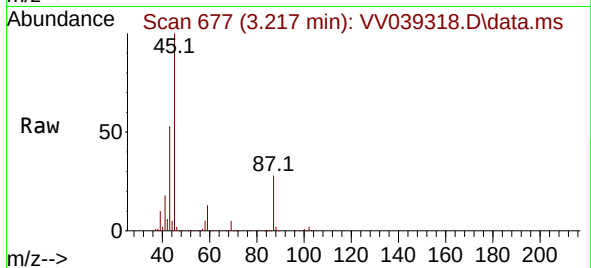
Tgt Ion: 84 Resp: 1308
Ion Ratio Lower Upper
84 100
49 204.5 92.6 139.0#
51 29.7 29.6 44.4
86 90.5 51.4 77.2#



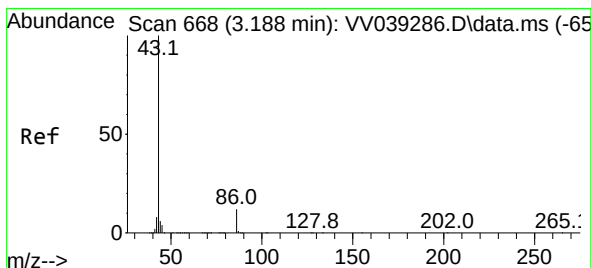
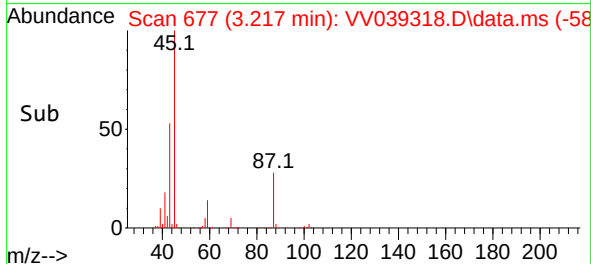
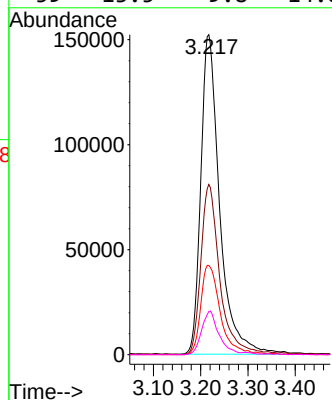


#22
Diisopropyl ether
Concen: 11.342 ug/l
RT: 3.217 min Scan# 677
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Instrument :
MSVOA_V
ClientSampleId :

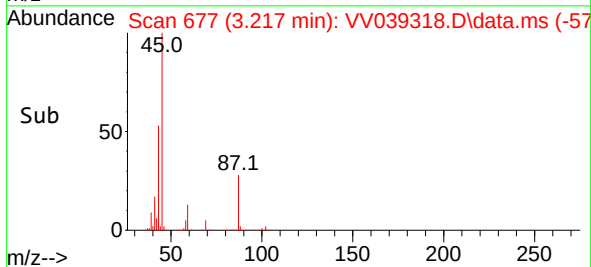
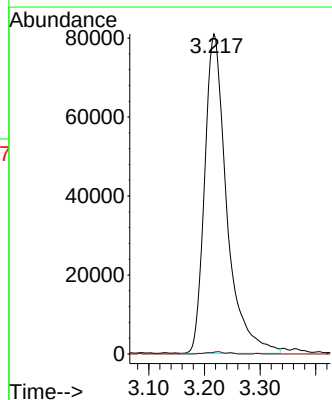
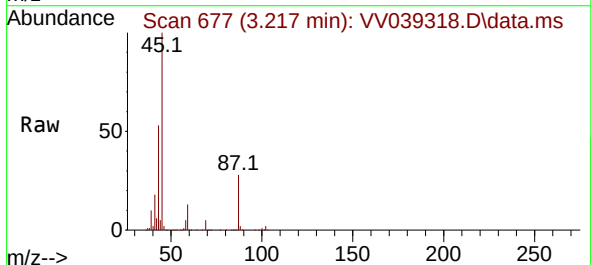


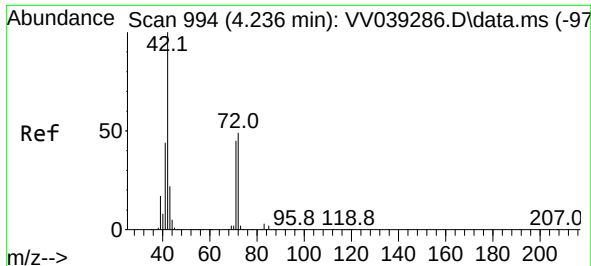
Tgt Ion: 45 Resp: 421610
Ion Ratio Lower Upper
45 100
43 53.2 130.8 196.2#
87 28.0 23.8 35.8
59 13.5 9.8 14.8



#23
Vinyl Acetate
Concen: 6.835 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.029 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 43 Resp: 223042
Ion Ratio Lower Upper
43 100
86 0.5 9.4 14.2#

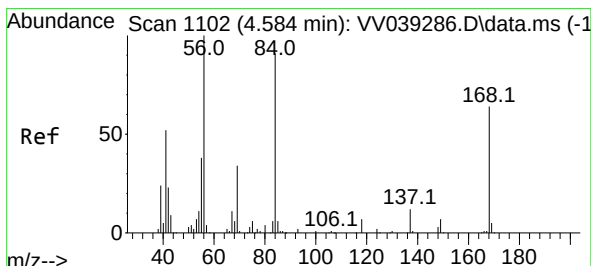
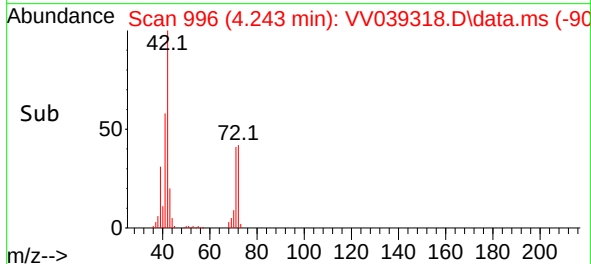
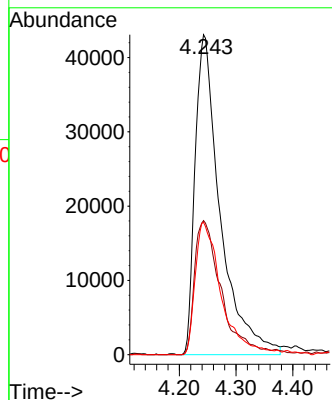
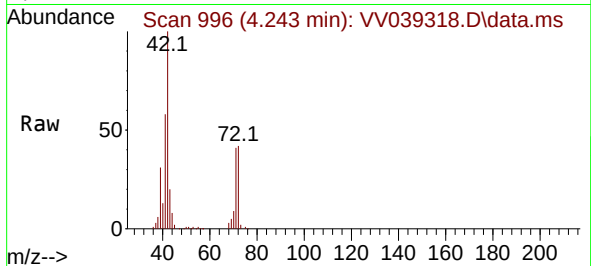




#29
Tetrahydrofuran
Concen: 24.555 ug/l
RT: 4.243 min Scan# 994
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

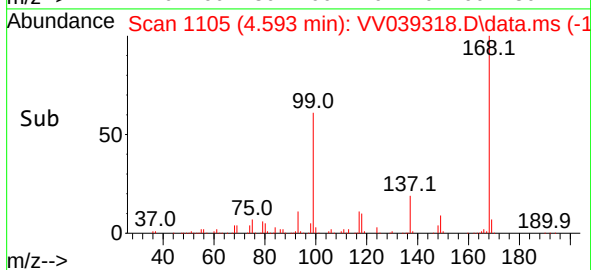
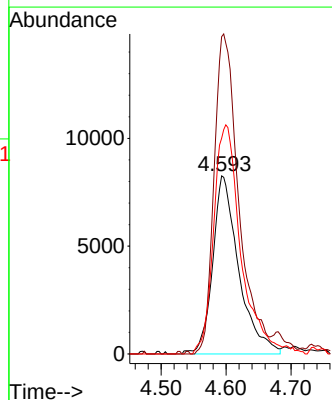
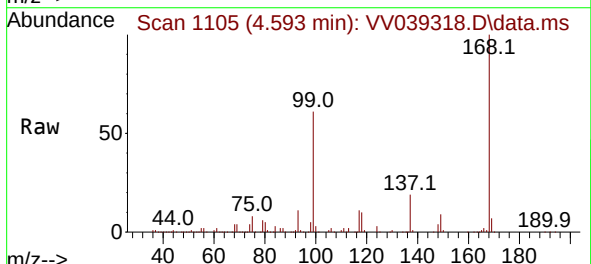
Instrument :
MSVOA_V
ClientSampleId :

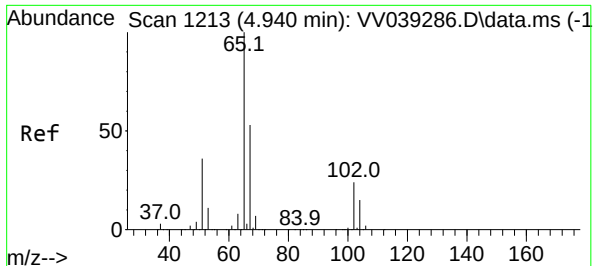
Tgt Ion: 42 Resp: 132147
Ion Ratio Lower Upper
42 100
72 43.5 39.8 59.8
71 42.9 36.5 54.7



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 56 Resp: 22979
Ion Ratio Lower Upper
56 100
69 176.7 27.4 41.0#
84 121.1 72.8 109.2#





#33

1,2-Dichloroethane-d4

Concen: 53.131 ug/l

RT: 4.940 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

Instrument :

MSVOA_V

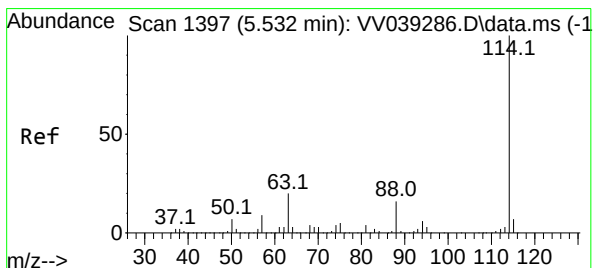
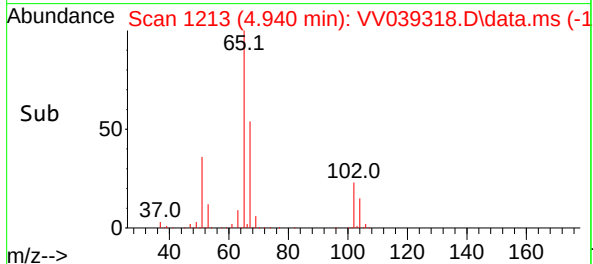
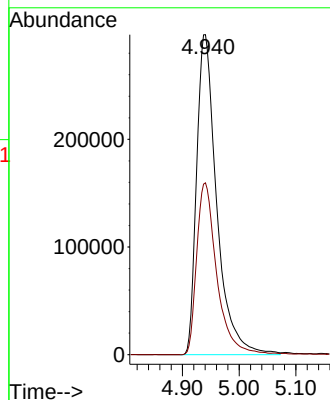
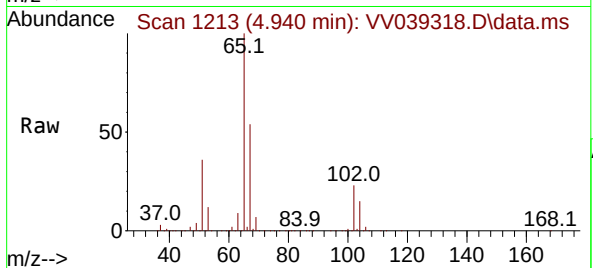
ClientSampleId :

Tgt Ion: 65 Resp: 731249

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

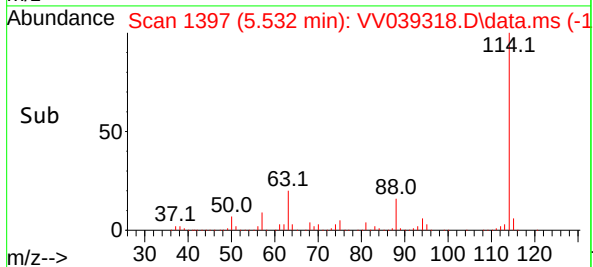
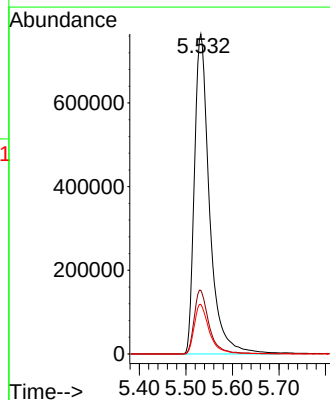
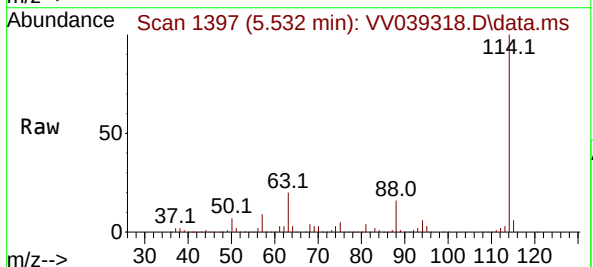
Tgt Ion: 114 Resp: 1722471

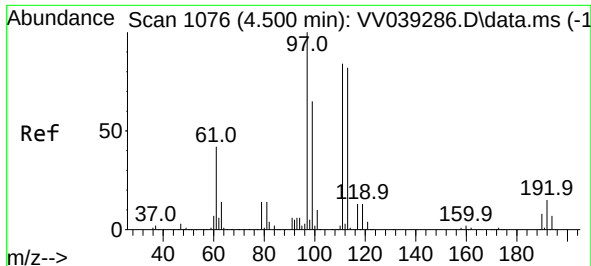
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 31.6

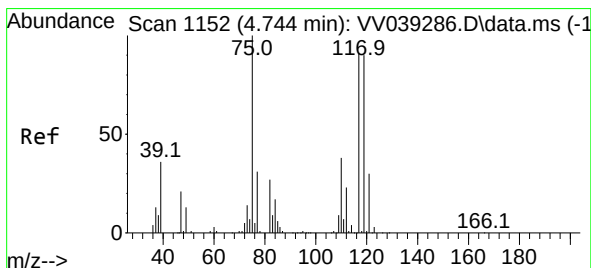
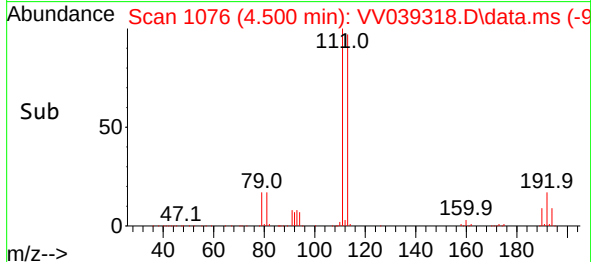
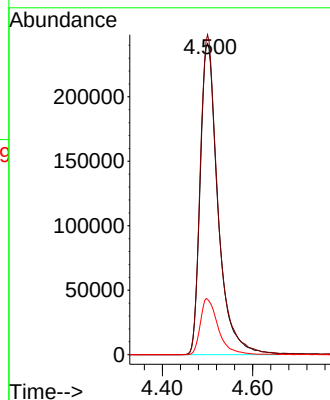
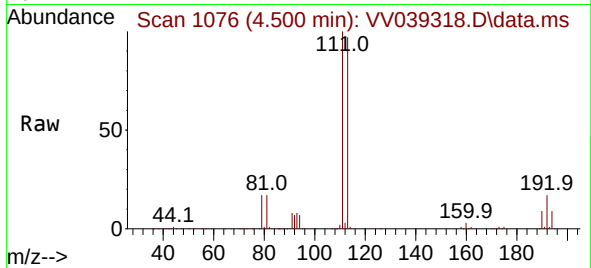




#35
Dibromofluoromethane
Concen: 48.652 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

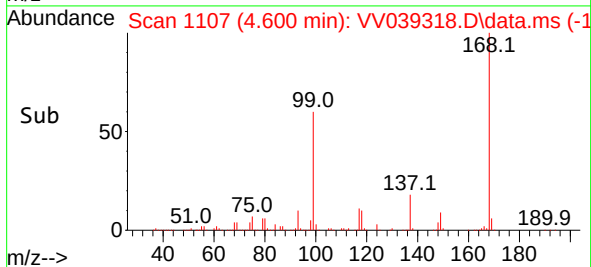
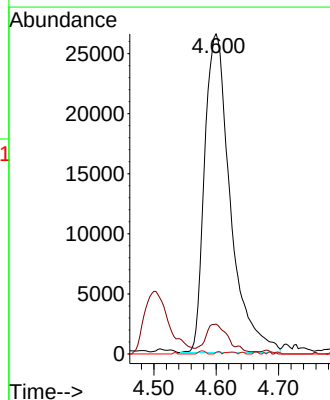
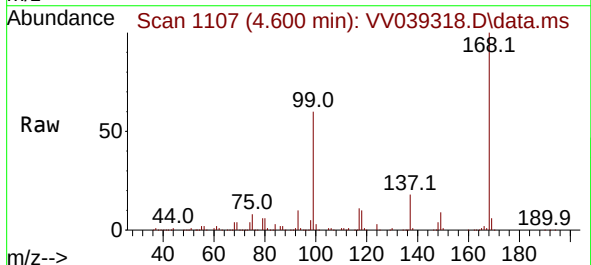
Instrument :
MSVOA_V
ClientSampleId :

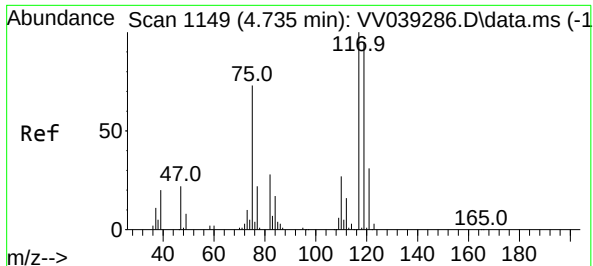
Tgt Ion:113 Resp: 660297
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. -0.145 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

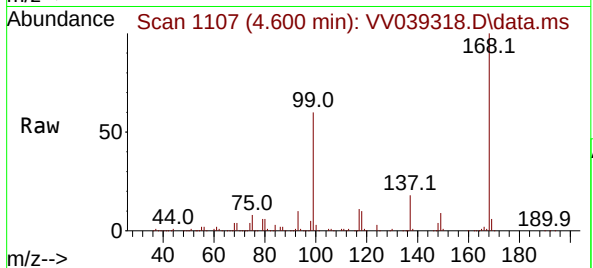
Tgt Ion: 75 Resp: 75950
Ion Ratio Lower Upper
75 100
110 5.7 18.9 56.7#
77 0.0 24.1 36.1#



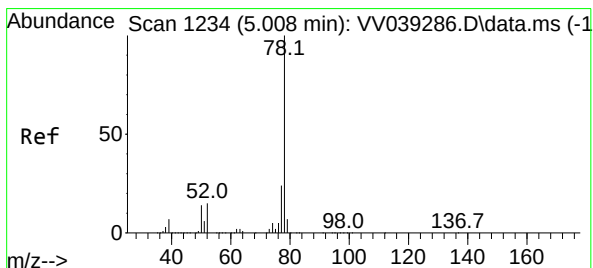
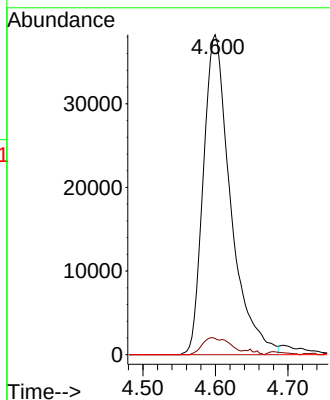
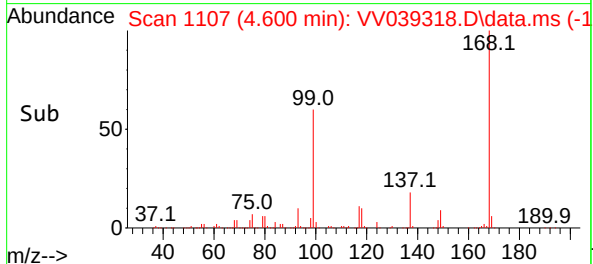


#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 4.600 min Scan# 1149
Delta R.T. -0.135 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Instrument :
MSVOA_V
ClientSampleId :

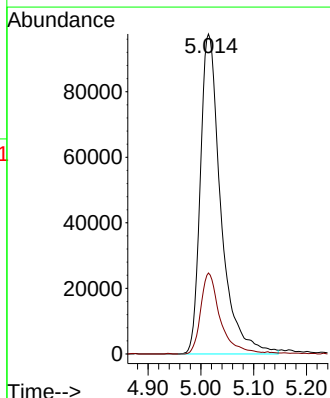
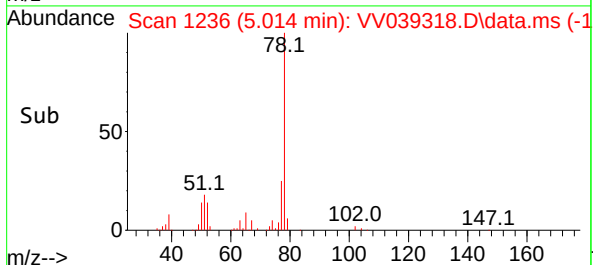
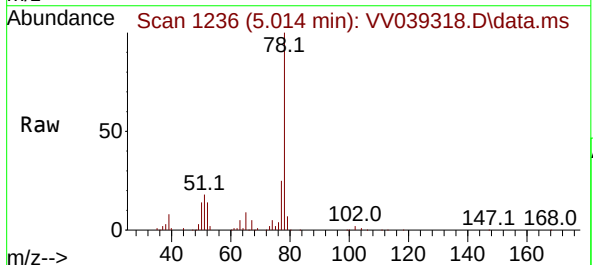


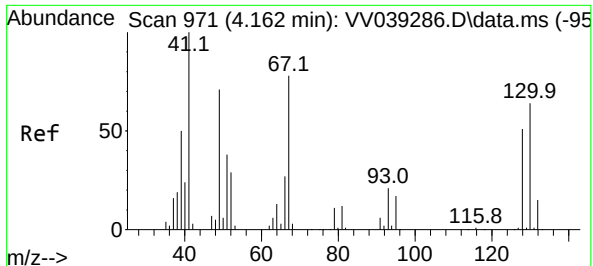
Tgt Ion:117 Resp: 99992
Ion Ratio Lower Upper
117 100
119 5.0 75.9 113.9#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 4.796 ug/l
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 78 Resp: 262333
Ion Ratio Lower Upper
78 100
77 25.3 18.9 28.3

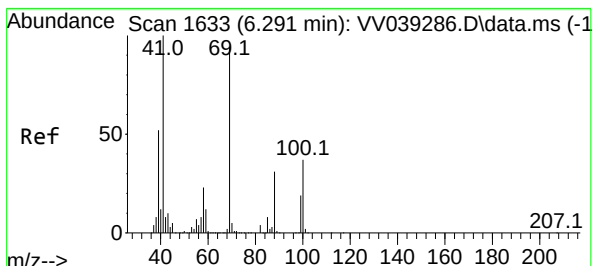
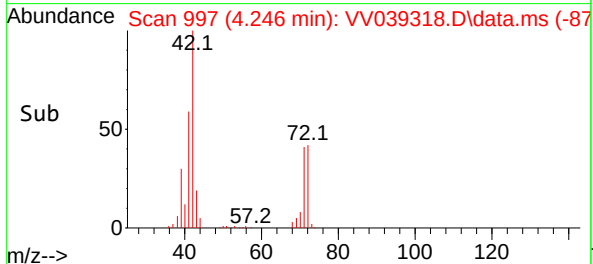
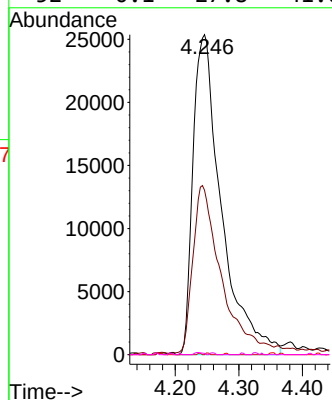
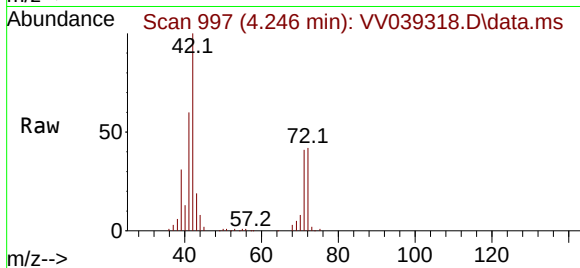




#41
Methacrylonitrile
Concen: 10.588 ug/l
RT: 4.246 min Scan# 91
Delta R.T. 0.084 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

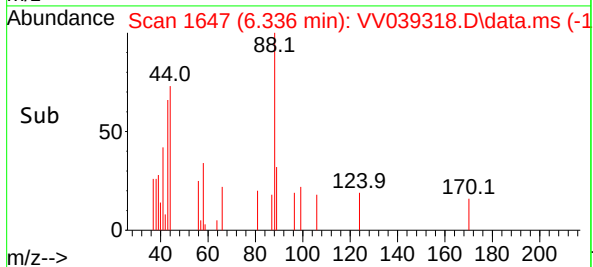
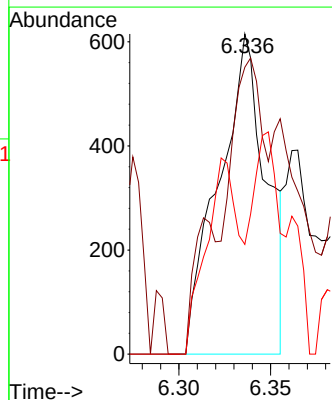
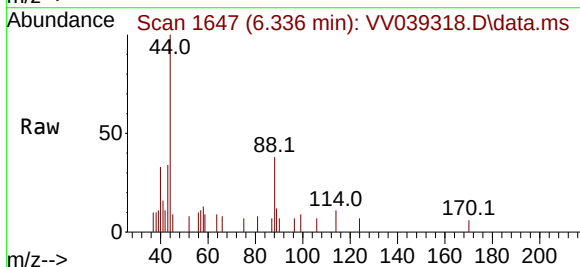
Instrument :
MSVOA_V
ClientSampleId :

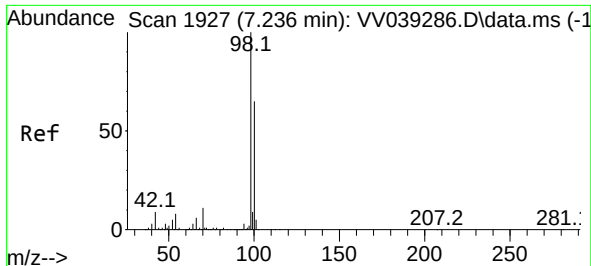
Tgt Ion: 41 Resp: 78596
Ion Ratio Lower Upper
41 100
39 52.0 40.9 61.3
67 0.1 73.1 109.7#
52 0.1 27.8 41.6#



#49
1,4-Dioxane
Concen: 5.463 ug/l
RT: 6.336 min Scan# 1647
Delta R.T. 0.045 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 88 Resp: 1100
Ion Ratio Lower Upper
88 100
43 34.0 24.1 36.1
58 18.4 57.6 86.4#

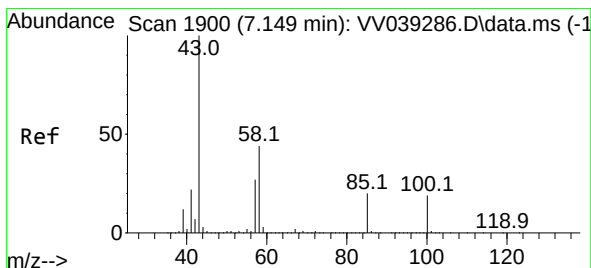
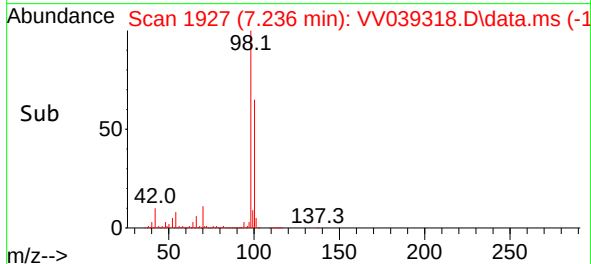
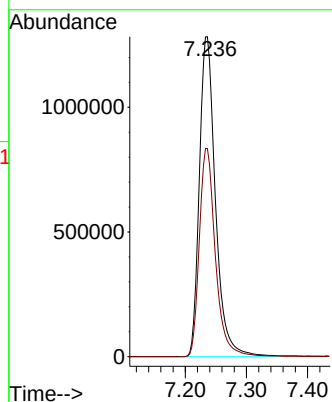
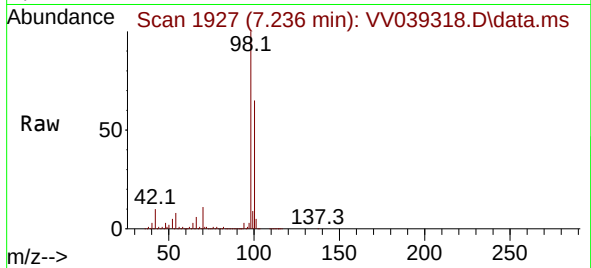




#50
Toluene-d8
Concen: 50.909 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

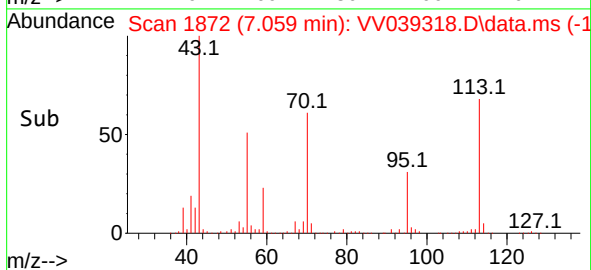
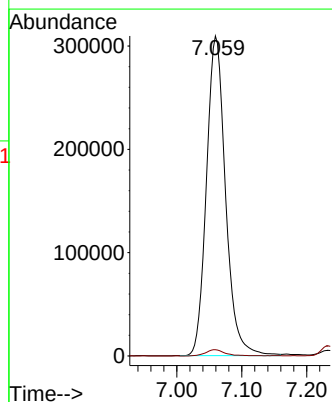
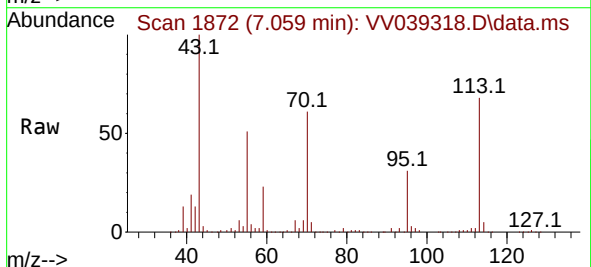
Instrument :
MSVOA_V
ClientSampleId :

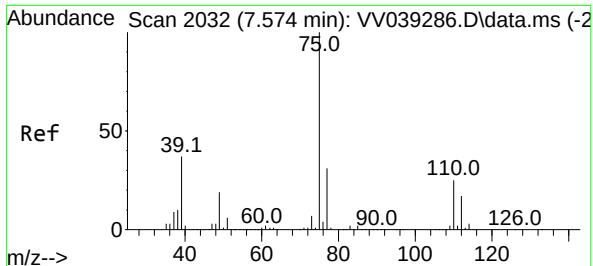
Tgt Ion: 98 Resp: 2350488
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 34.970 ug/l
RT: 7.059 min Scan# 1872
Delta R.T. -0.090 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 43 Resp: 633869
Ion Ratio Lower Upper
43 100
58 2.1 34.2 51.4#

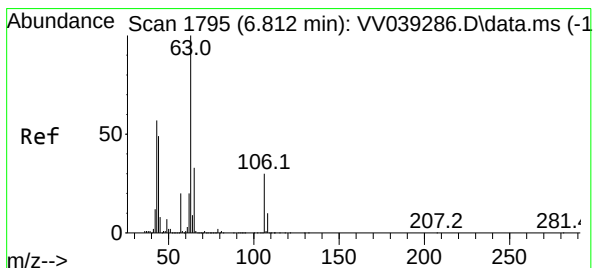
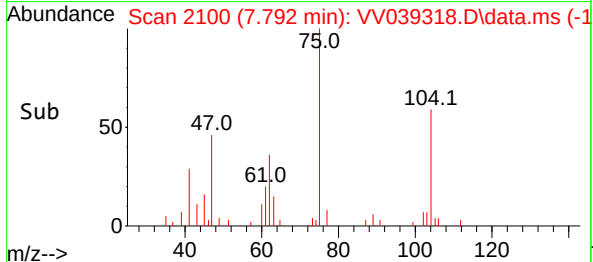
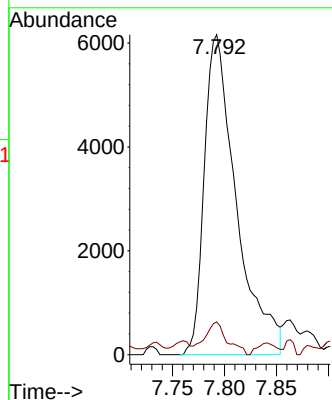
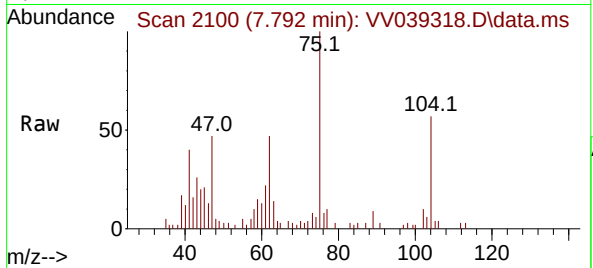




#53
t-1,3-Dichloropropene
Concen: 0.690 ug/l
RT: 7.792 min Scan# 2100
Delta R.T. 0.219 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

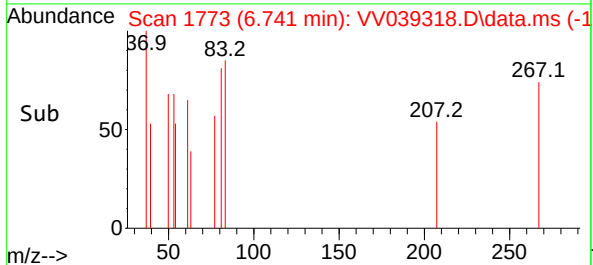
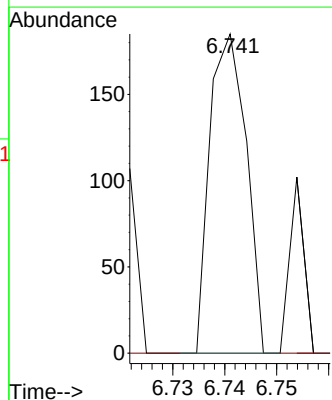
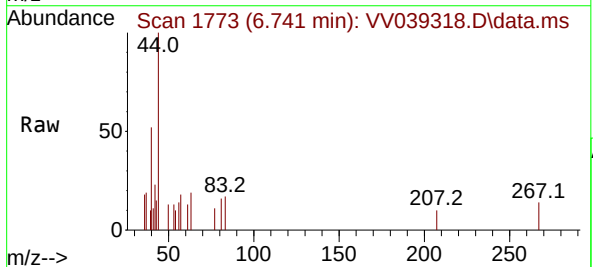
Instrument :
MSVOA_V
ClientSampleId :

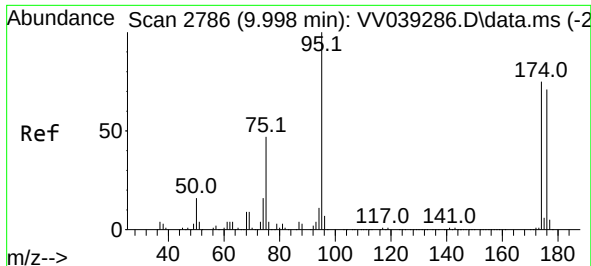
Tgt Ion: 75 Resp: 13218
Ion Ratio Lower Upper
75 100
77 8.6 25.1 37.7#



#58
2-Chloroethyl Vinyl ether
Concen: 8.476 ug/l
RT: 6.741 min Scan# 1773
Delta R.T. -0.071 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 63 Resp: 90
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#





#62

4-Bromofluorobenzene

Concen: 53.319 ug/l

RT: 9.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

Instrument :

MSVOA_V

ClientSampleId :

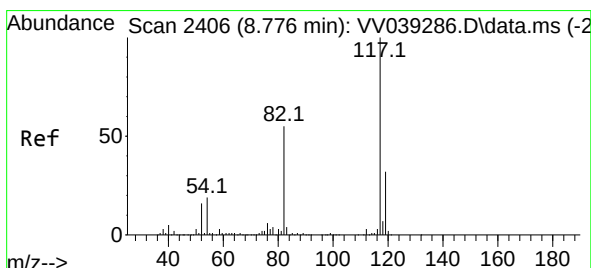
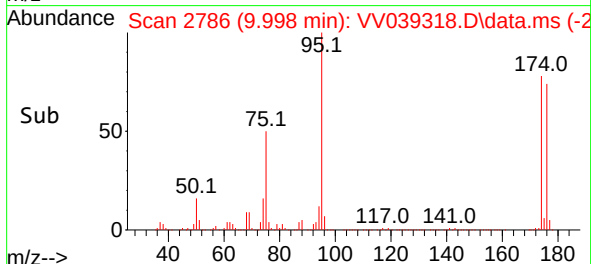
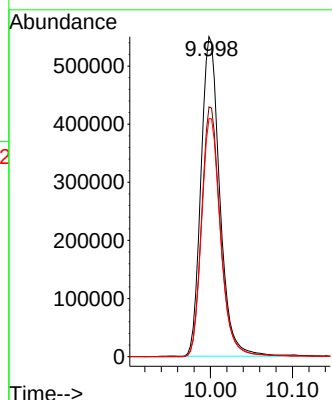
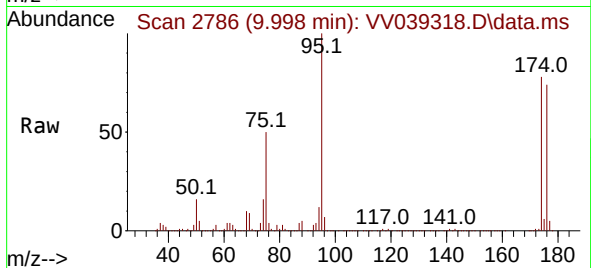
Tgt Ion: 95 Resp: 876742

Ion Ratio Lower Upper

95 100

174 78.3 0.0 153.6

176 75.5 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

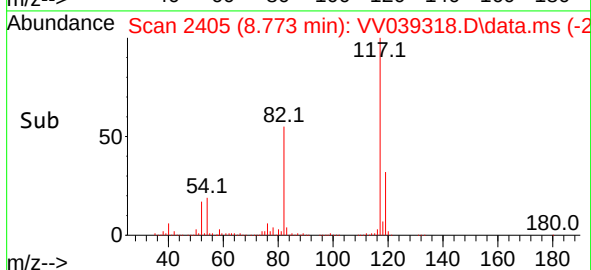
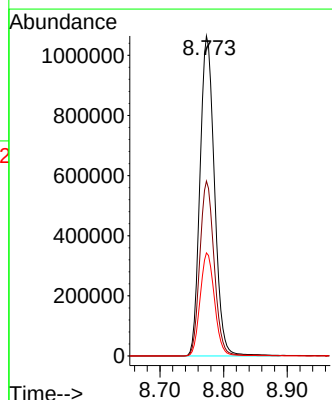
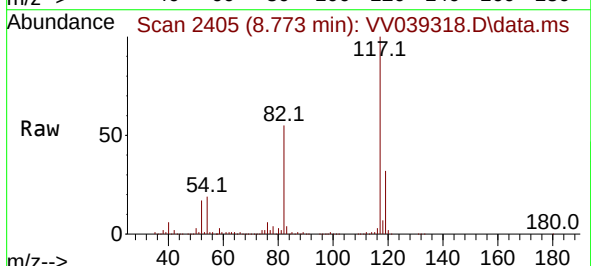
Tgt Ion: 117 Resp: 1684073

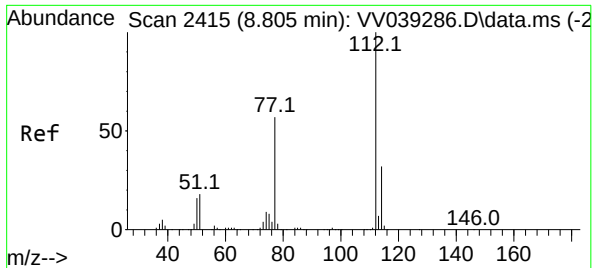
Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 32.2 25.8 38.6

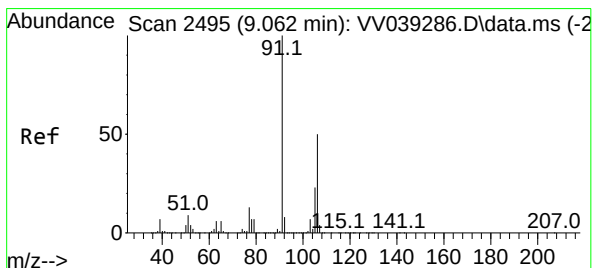
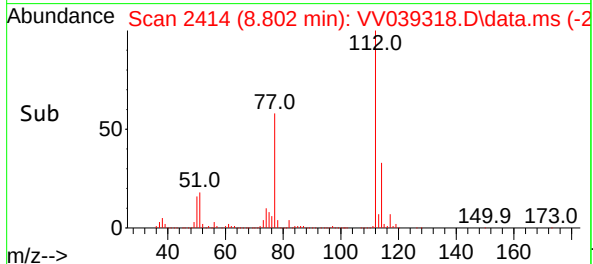
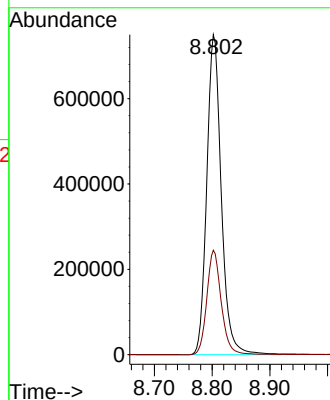
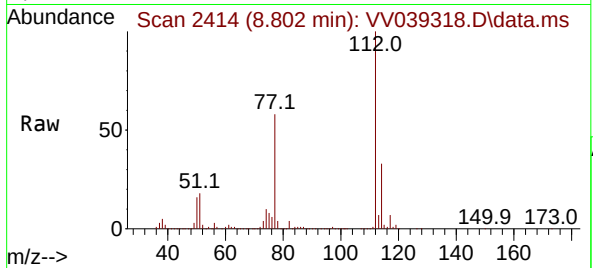




#65
Chlorobenzene
Concen: 32.838 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

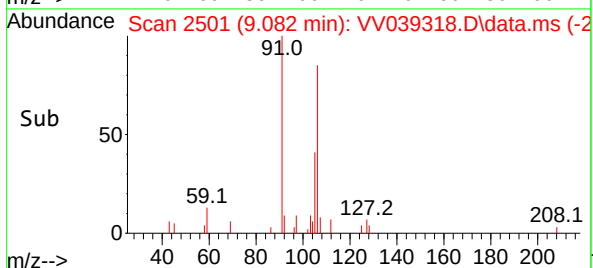
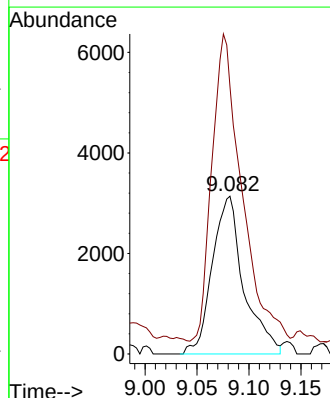
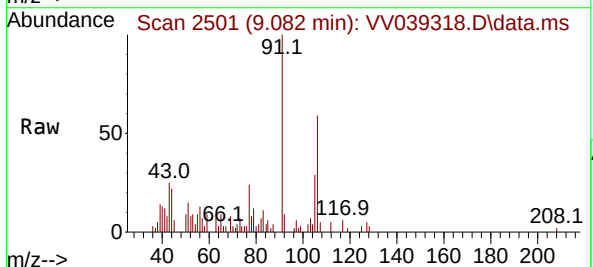
Instrument :
MSVOA_V
ClientSampleId :

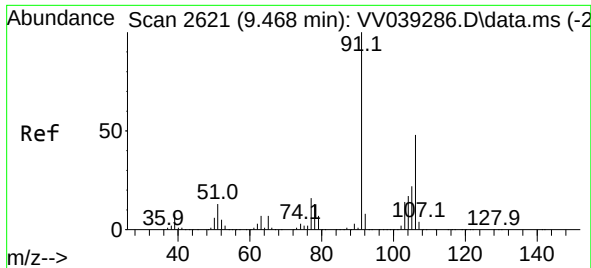
Tgt Ion:112 Resp: 1309181
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#68
m/p-Xylenes
Concen: 0.284 ug/l
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:106 Resp: 6616
Ion Ratio Lower Upper
106 100
91 183.9 160.2 240.2

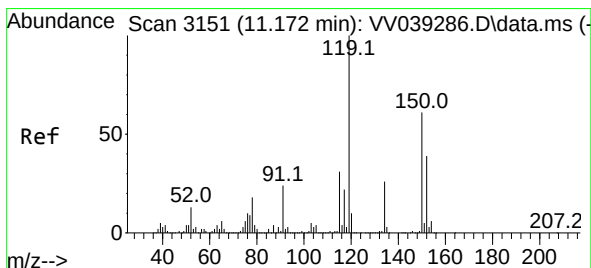
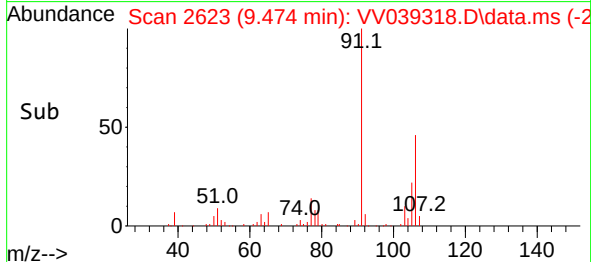
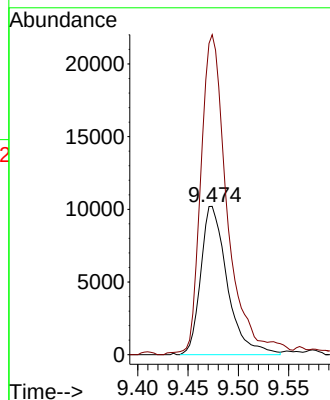
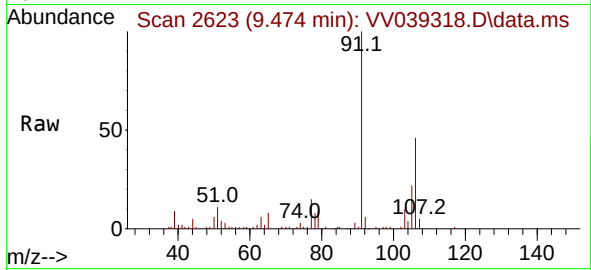




#69
o-Xylene
Concen: 0.911 ug/l
RT: 9.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

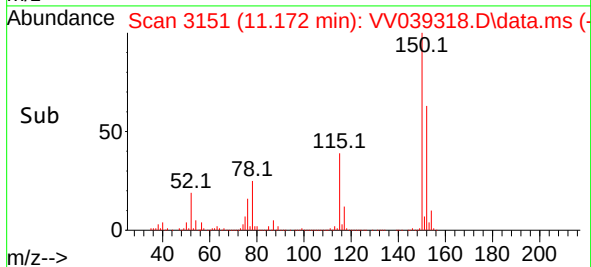
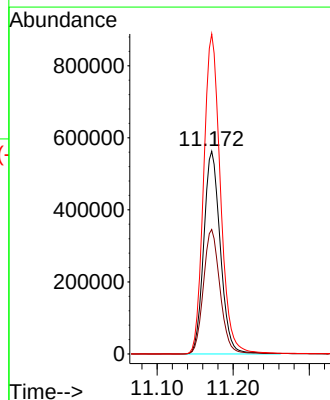
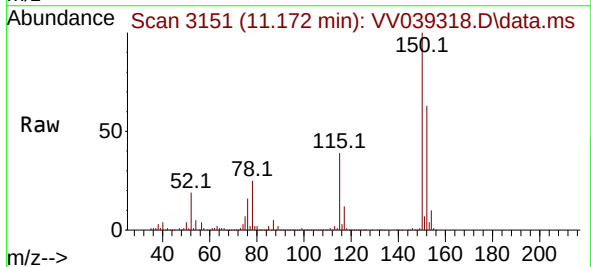
Instrument :
MSVOA_V
ClientSampleId :

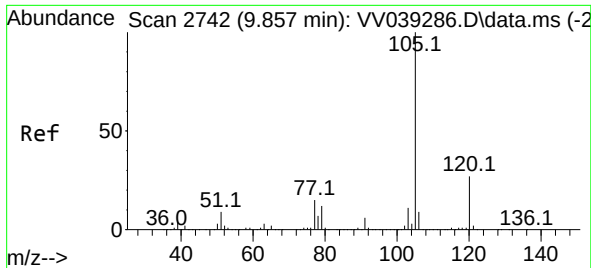
Tgt Ion:106 Resp: 18747
Ion Ratio Lower Upper
106 100
91 216.0 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion:152 Resp: 851194
Ion Ratio Lower Upper
152 100
115 61.4 42.3 126.8
150 159.9 0.0 348.0

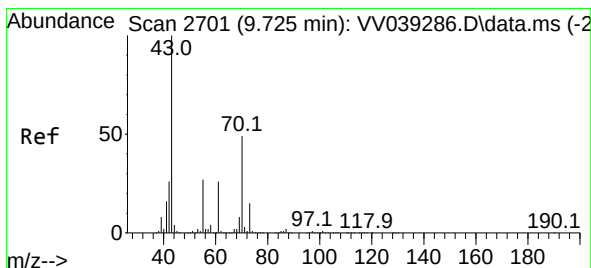
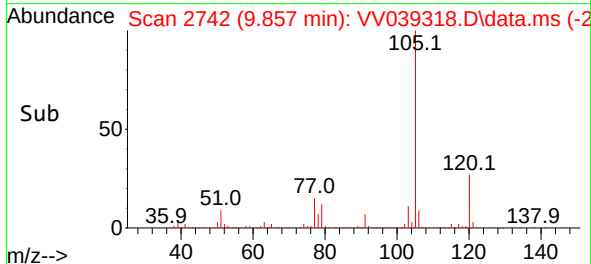
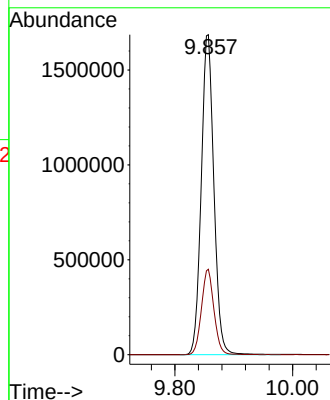
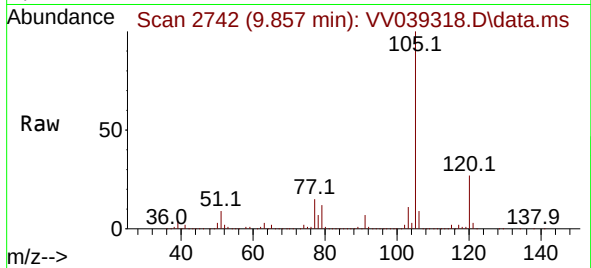




#73
Isopropylbenzene
Concen: 48.537 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

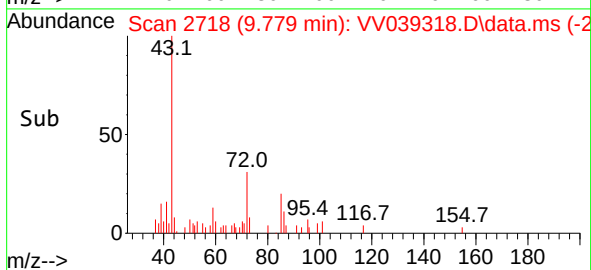
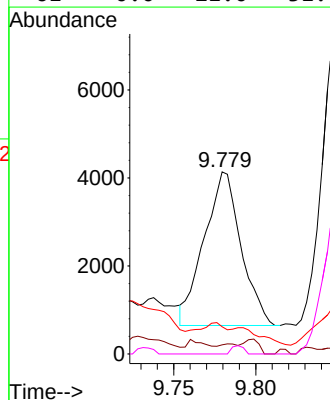
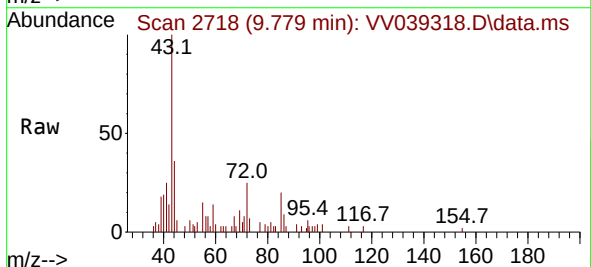
Instrument :
MSVOA_V
ClientSampleId :

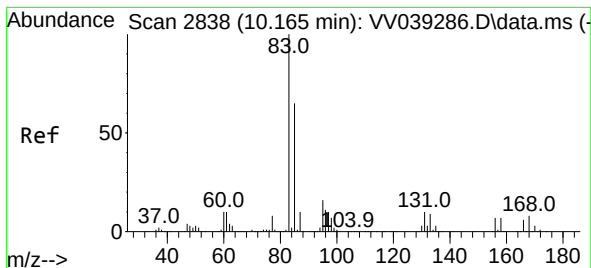
Tgt Ion:105 Resp: 2508811
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 0.256 ug/l
RT: 9.779 min Scan# 2718
Delta R.T. 0.055 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
70 0.0 38.6 58.0#
55 1.6 21.9 32.9#
61 0.0 21.0 31.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.444 ug/l

RT: 10.178 min Scan# 2842

Delta R.T. 0.013 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

Instrument :

MSVOA_V

ClientSampleId :

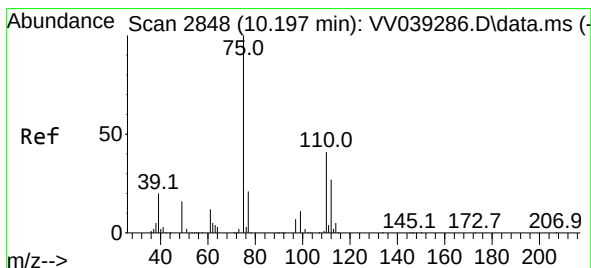
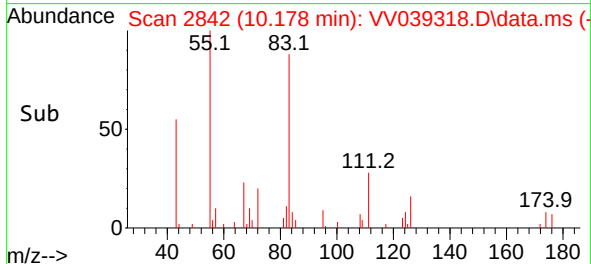
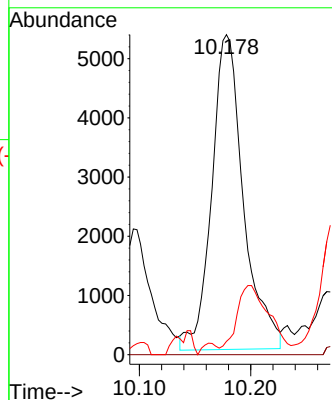
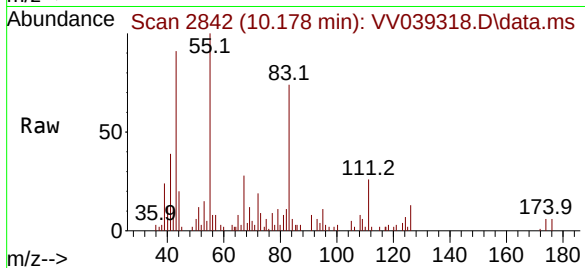
Tgt Ion: 83 Resp: 10530

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 1.7 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 1.082 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. 0.077 min

Lab File: VV039318.D

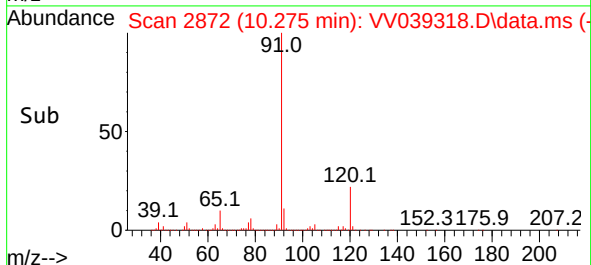
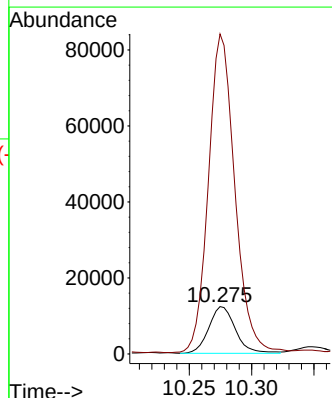
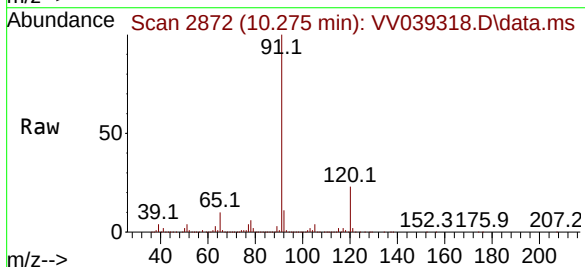
Acq: 04 Nov 2025 16:39

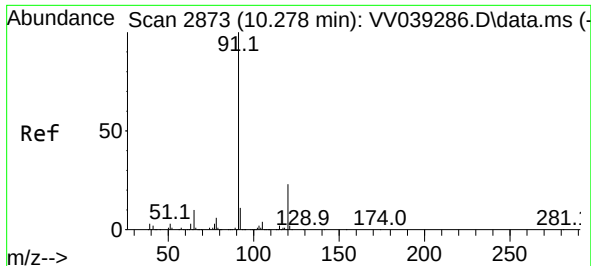
Tgt Ion: 75 Resp: 18381

Ion Ratio Lower Upper

75 100

77 673.1 12.2 36.4#

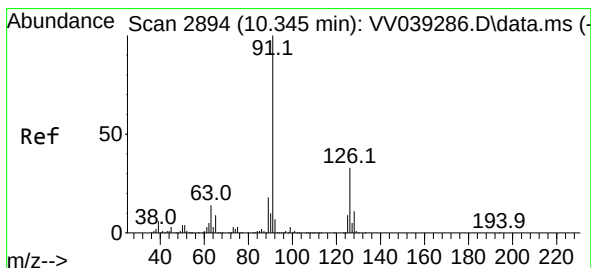
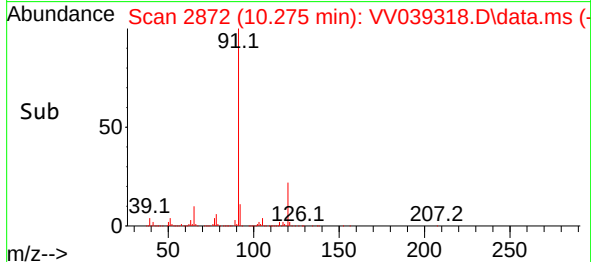
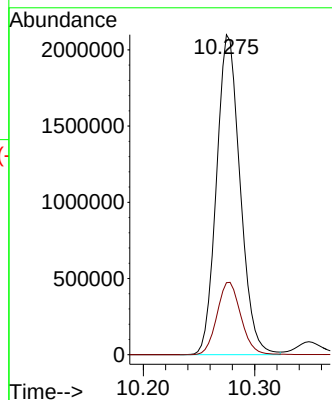
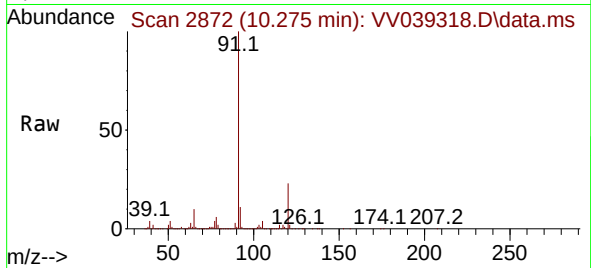




#78
n-propylbenzene
Concen: 49.326 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. -0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

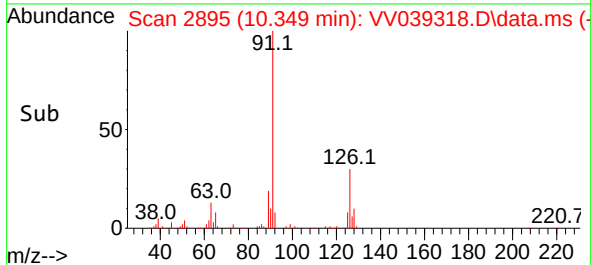
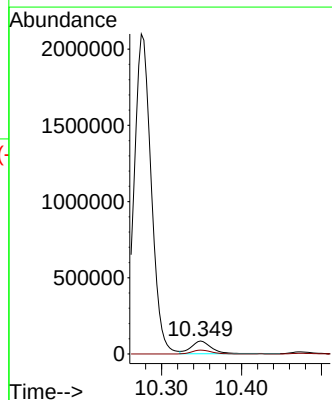
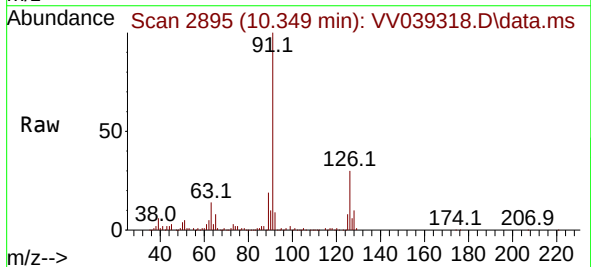
Instrument :
MSVOA_V
ClientSampleId :

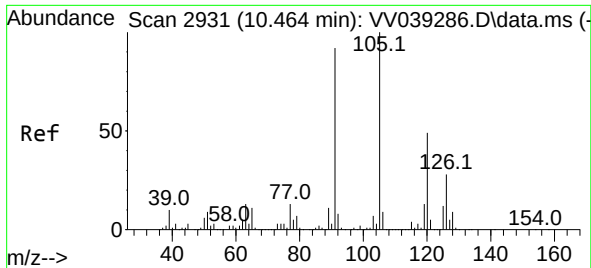
Tgt Ion: 91 Resp: 3093598
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5



#79
2-Chlorotoluene
Concen: 3.851 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 91 Resp: 149113
Ion Ratio Lower Upper
91 100
126 28.8 16.9 50.6

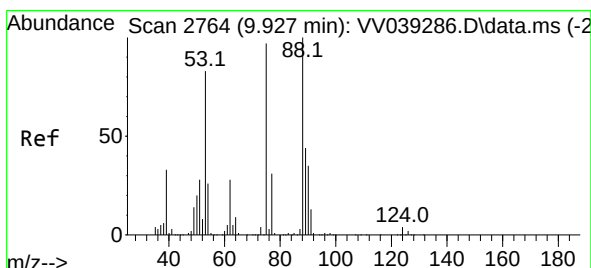
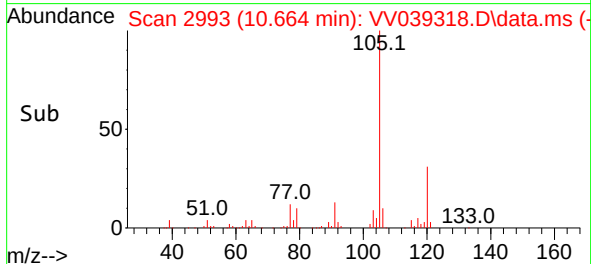
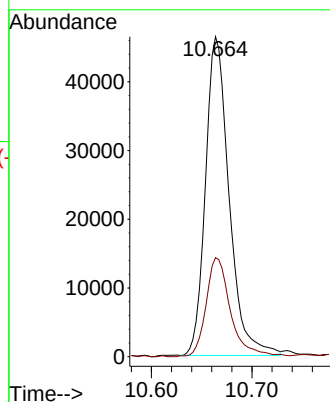
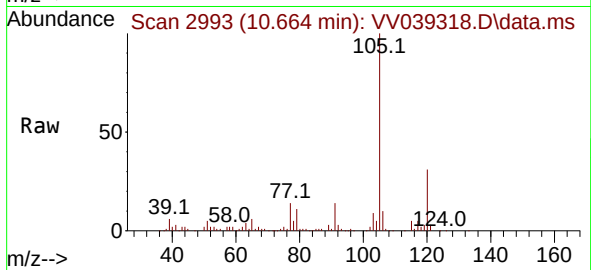




#80
 1,3,5-Trimethylbenzene
 Concen: 1.751 ug/l
 RT: 10.664 min Scan# 2931
 Delta R.T. 0.199 min
 Lab File: VV039318.D
 Acq: 04 Nov 2025 16:39

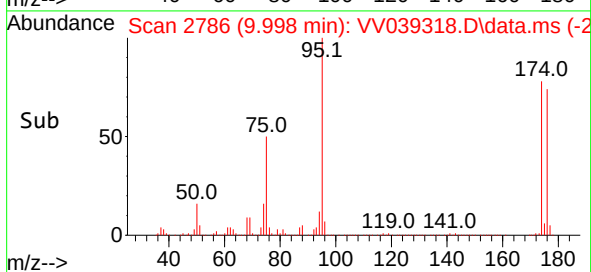
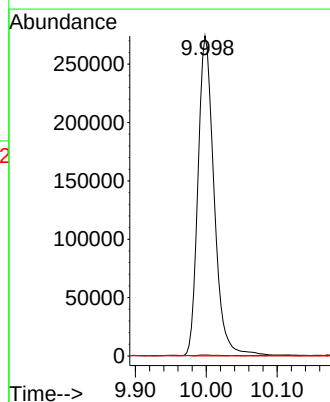
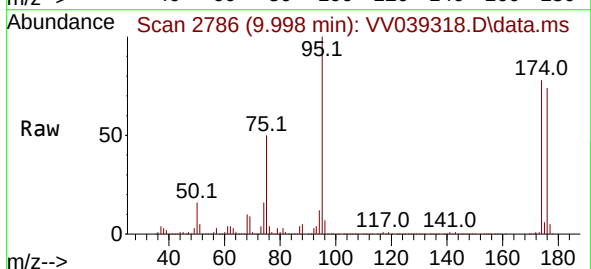
Instrument :
 MSVOA_V
 ClientSampleId :

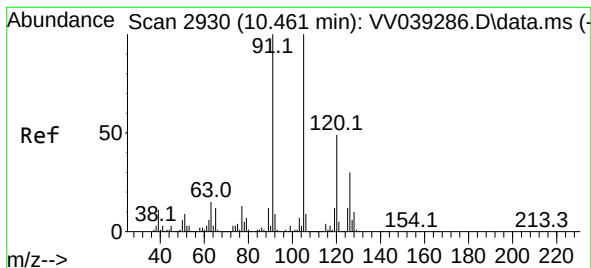
Tgt Ion:105 Resp: 75902
 Ion Ratio Lower Upper
 105 100
 120 32.2 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.165 ug/l
 RT: 9.998 min Scan# 2786
 Delta R.T. 0.071 min
 Lab File: VV039318.D
 Acq: 04 Nov 2025 16:39

Tgt Ion: 75 Resp: 431634
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.9 104.9#
 89 0.0 37.4 56.0#

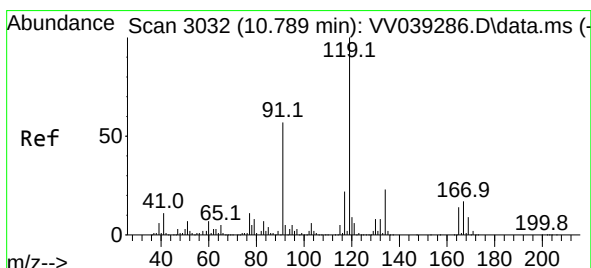
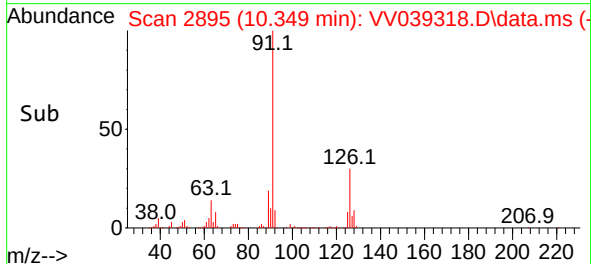
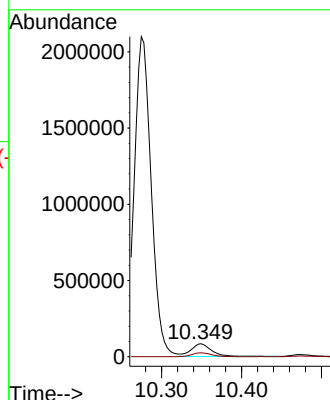
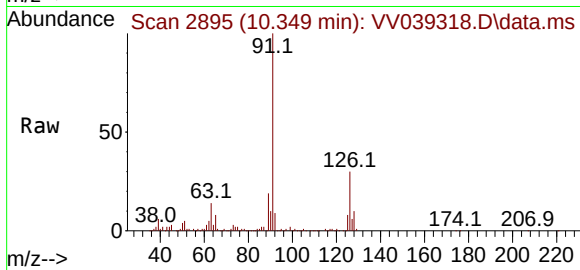




#82
4-Chlorotoluene
Concen: 3.350 ug/l
RT: 10.349 min Scan# 21
Delta R.T. -0.113 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

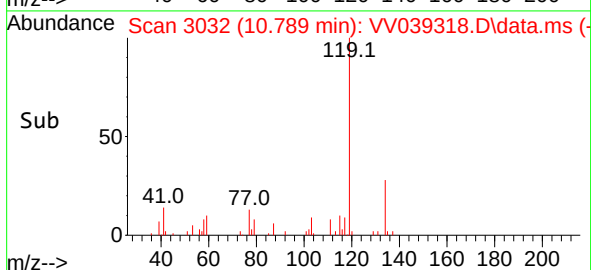
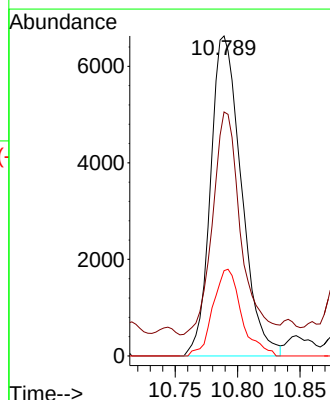
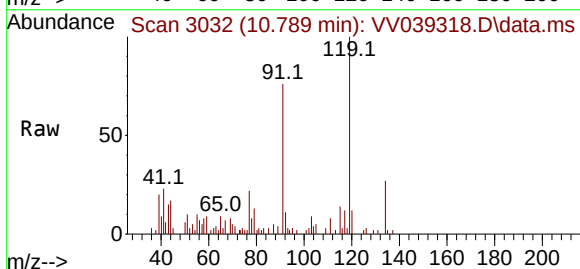
Instrument :
MSVOA_V
ClientSampleId :

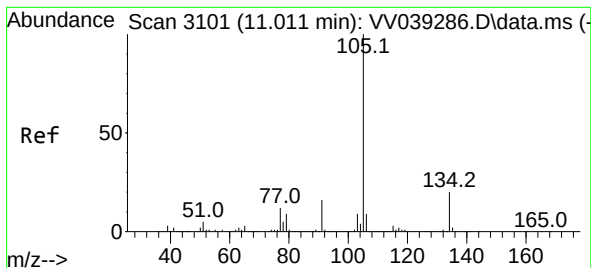
Tgt Ion: 91 Resp: 149113
Ion Ratio Lower Upper
91 100
126 28.8 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.265 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion: 119 Resp: 11392
Ion Ratio Lower Upper
119 100
91 63.3 28.2 84.7
134 25.2 11.5 34.4





#85

sec-Butylbenzene

Concen: 1.752 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

Instrument :

MSVOA_V

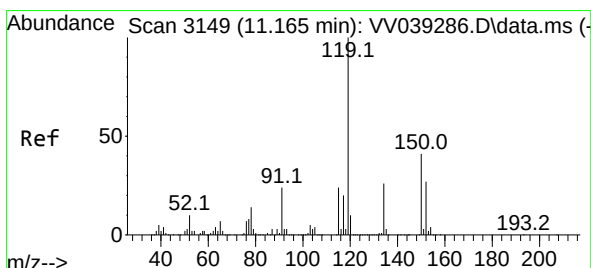
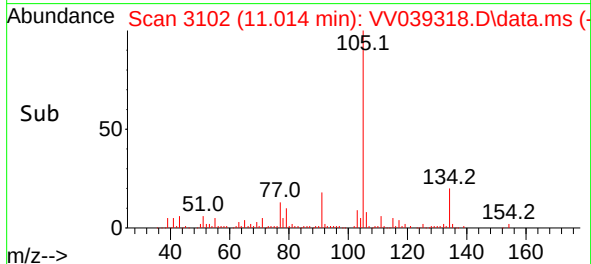
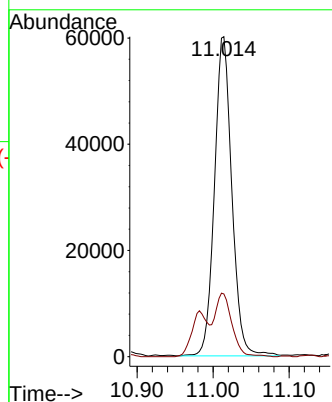
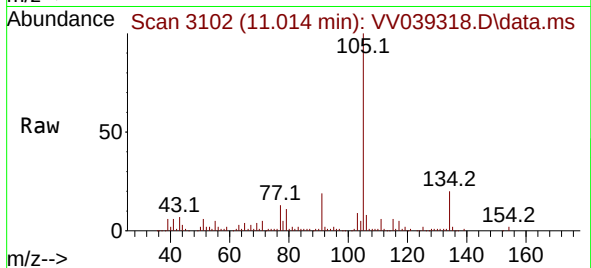
ClientSampleId :

Tgt Ion:105 Resp: 95341

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.728 ug/l

RT: 11.381 min Scan# 3216

Delta R.T. 0.215 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

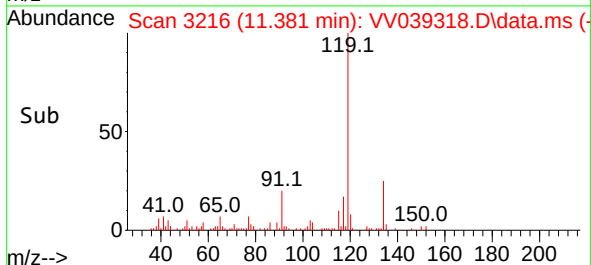
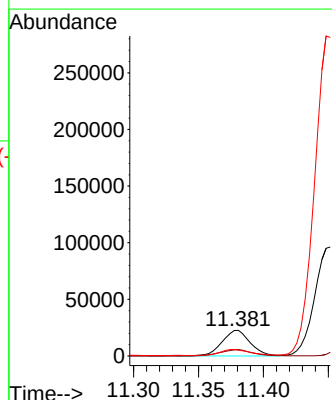
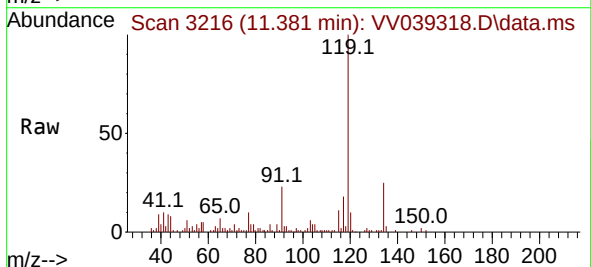
Tgt Ion:119 Resp: 34087

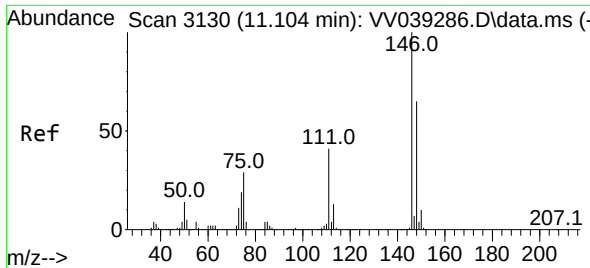
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 25.3 12.2 36.4

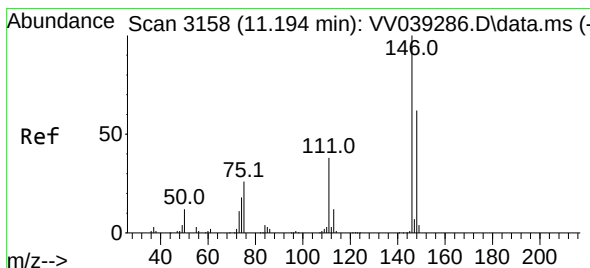
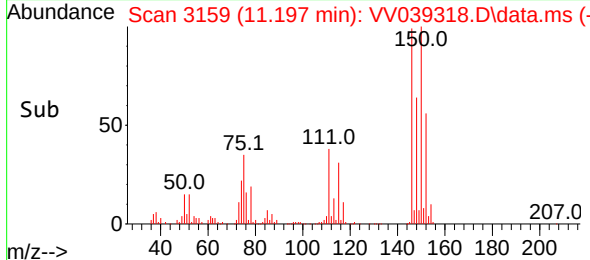
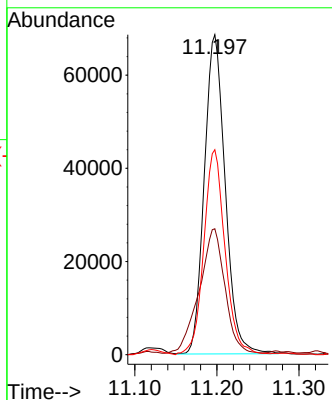
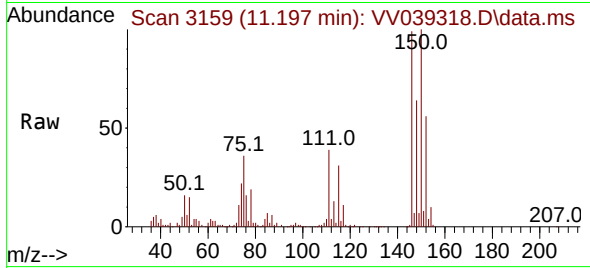




#87
1,3-Dichlorobenzene
Concen: 4.291 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.093 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

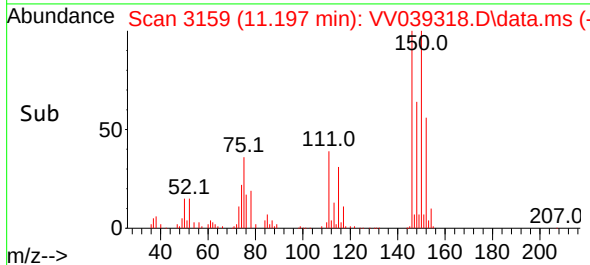
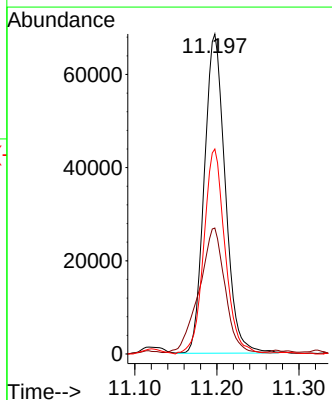
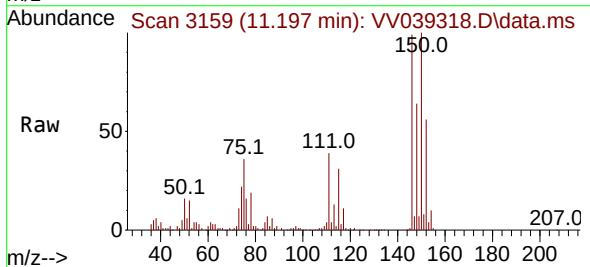
Instrument :
MSVOA_V
ClientSampleId :

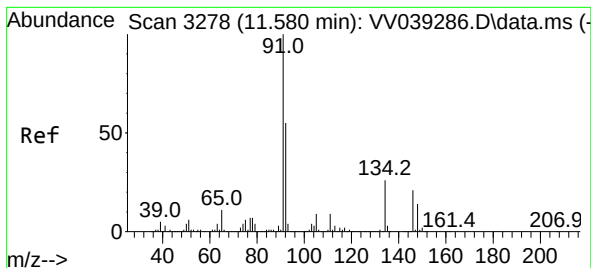
Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.1	20.6	61.8
148	65.4	31.9	95.9



#88
1,4-Dichlorobenzene
Concen: 3.834 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039318.D
Acq: 04 Nov 2025 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.1	19.7	59.0
148	65.4	31.5	94.5





#89

n-Butylbenzene

Concen: 1.924 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039318.D

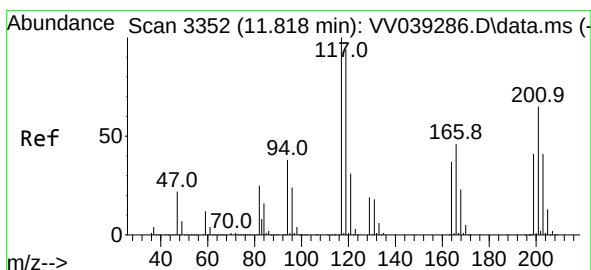
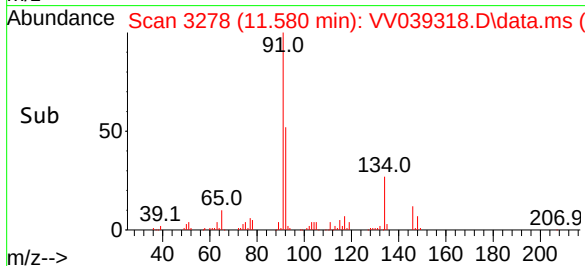
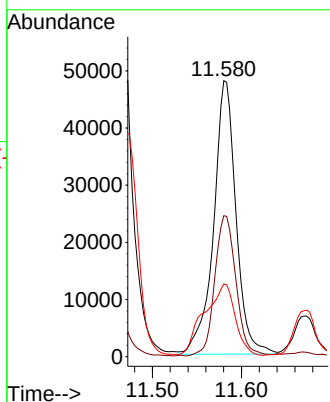
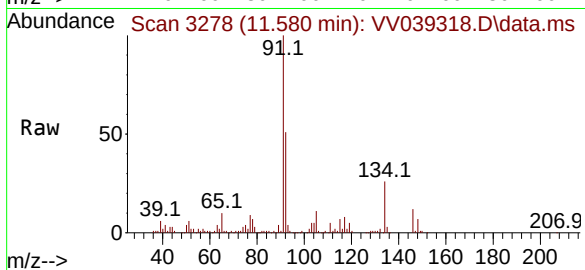
Acq: 04 Nov 2025 16:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91	Resp: 83827
Ion Ratio	Lower Upper
91	100
92	48.4 26.9 80.6
134	37.4 12.6 37.8



#90

Hexachloroethane

Concen: 3.881 ug/l

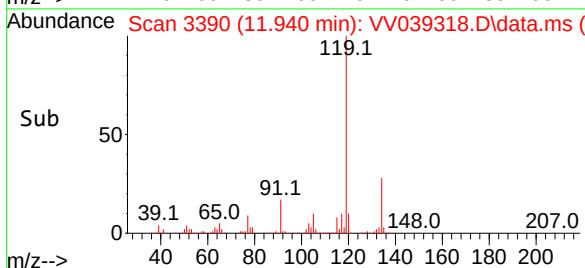
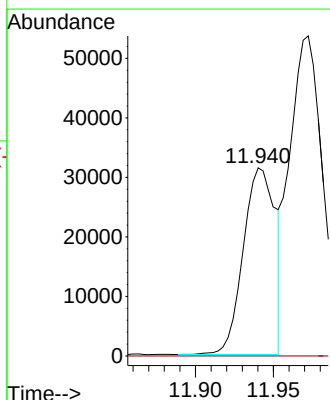
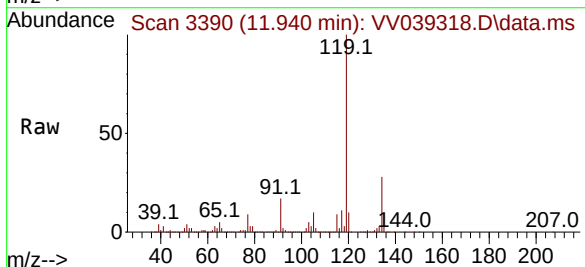
RT: 11.940 min Scan# 3390

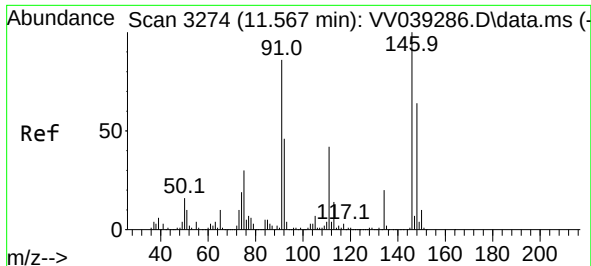
Delta R.T. 0.122 min

Lab File: VV039318.D

Acq: 04 Nov 2025 16:39

Tgt Ion: 117	Resp: 44911
Ion Ratio	Lower Upper
117	100
201	0.0 33.7 101.1#

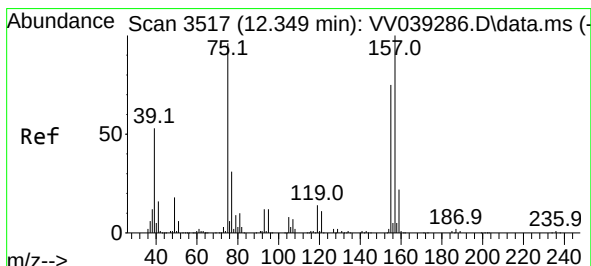
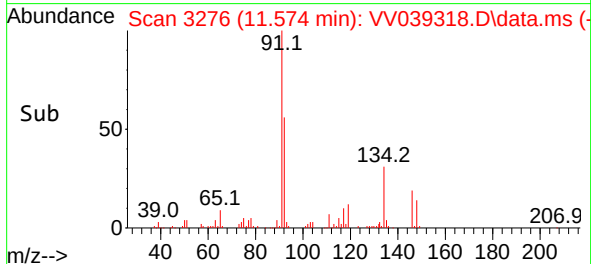
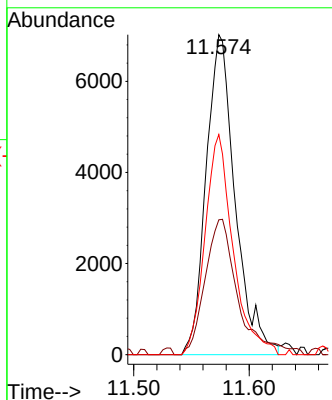
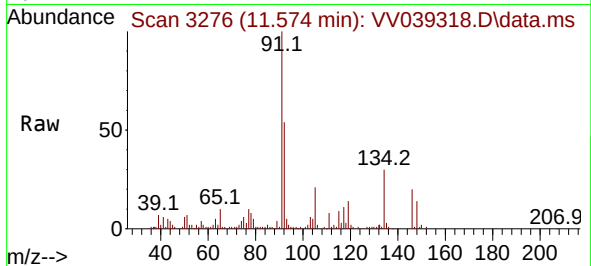




#91
 1,2-Dichlorobenzene
 Concen: 0.455 ug/l
 RT: 11.574 min Scan# 3114
 Delta R.T. 0.006 min
 Lab File: VV039318.D
 Acq: 04 Nov 2025 16:39

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:146 Resp: 12267
 Ion Ratio Lower Upper
 146 100
 111 47.8 21.3 64.0
 148 66.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.647 ug/l
 RT: 12.339 min Scan# 3514
 Delta R.T. -0.010 min
 Lab File: VV039318.D
 Acq: 04 Nov 2025 16:39

Tgt Ion: 75 Resp: 3157
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.5#
 157 0.0 53.3 160.0#

