

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039004.D
 Acq On : 21 Aug 2025 23:59
 Operator : SY/MD
 Sample : Q2924-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:42:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.606	168	456156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	816696	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.779	117	704493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	442841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	369010	57.652	ug/l	0.00
Spiked Amount 50.000	Range	81 - 118	Recovery	=	115.300%	
35) Dibromofluoromethane	4.506	113	272796	44.540	ug/l	0.00
Spiked Amount 50.000	Range	80 - 119	Recovery	=	89.080%	
50) Toluene-d8	7.255	98	958827	44.894	ug/l	0.02
Spiked Amount 50.000	Range	89 - 112	Recovery	=	89.780%	
62) 4-Bromofluorobenzene	10.005	95	435202	55.701	ug/l	0.00
Spiked Amount 50.000	Range	85 - 114	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.198	50	15137	2.149	ug/l #	47
4) Vinyl Chloride	1.294	62	30094	4.049	ug/l #	1
11) Tert butyl alcohol	2.577	59	4354	5.026	ug/l	99
12) 1,1-Dichloroethene	2.085	96	2537	0.490	ug/l	97
13) Acrolein	1.989	56	7174	7.888	ug/l #	1
14) Allyl chloride	2.429	41	46220	6.687	ug/l #	1
15) Acrylonitrile	2.680	53	2399	0.916	ug/l #	34
16) Acetone	2.124	43	7123	2.773	ug/l	91
17) Carbon Disulfide	2.256	76	7654	0.532	ug/l #	72
18) Methyl Acetate	2.394	43	1592	0.292	ug/l #	50
19) Methyl tert-butyl Ether	2.712	73	14093	0.921	ug/l #	79
21) trans-1,2-Dichloroethene	2.703	96	1148589	213.010	ug/l	96
27) cis-1,2-Dichloroethene	3.818	96	948797	145.786	ug/l	92
28) Bromochloromethane	4.117	49	200	Below Cal	#	3
29) Tetrahydrofuran	4.239	42	619	0.277	ug/l #	27
31) Cyclohexane	4.600	56	13388	1.493	ug/l #	46
36) 1,1-Dichloropropene	5.027	75	2458644	309.104	ug/l #	40
38) Carbon Tetrachloride	4.606	117	46221	4.339	ug/l #	16
39) Methylcyclohexane	6.059	83	2239	0.220	ug/l #	78
41) Methacrylonitrile	4.252	41	2991	1.021	ug/l #	1
42) 1,2-Dichloroethane	5.030	62	1652970	181.489	ug/l #	74
43) Isopropyl Acetate	5.114	43	8995	0.759	ug/l #	57
44) Trichloroethene	5.837	130	182094	26.946	ug/l	93
49) 1,4-Dioxane	6.368	88	83	0.934	ug/l #	1
51) 4-Methyl-2-Pentanone	7.326	43	1173013	150.659	ug/l #	33
53) t-1,3-Dichloropropene	7.349	75	1976295	207.195	ug/l #	1
55) 1,1,2-Trichloroethane	7.625	97	2080082	302.367	ug/l #	19
56) Ethyl methacrylate	7.625	69	134555	14.076	ug/l #	21
58) 2-Chloroethyl Vinyl ether	6.812	63	491	5.088	ug/l #	43
59) 2-Hexanone	7.879	43	176	10.918	ug/l	84
60) Dibromochloromethane	7.915	129	1693	0.204	ug/l #	11
65) Chlorobenzene	9.040	112	26992	1.589	ug/l #	53
68) m/p-Xylenes	8.943	106	6358619	631.391	ug/l #	1
73) Isopropylbenzene	9.863	105	248185	8.352	ug/l	99
74) N-amyl acetate	9.513	43	98439	9.042	ug/l #	1
76) 1,2,3-Trichloropropane	10.204	75	16519	2.011	ug/l #	1

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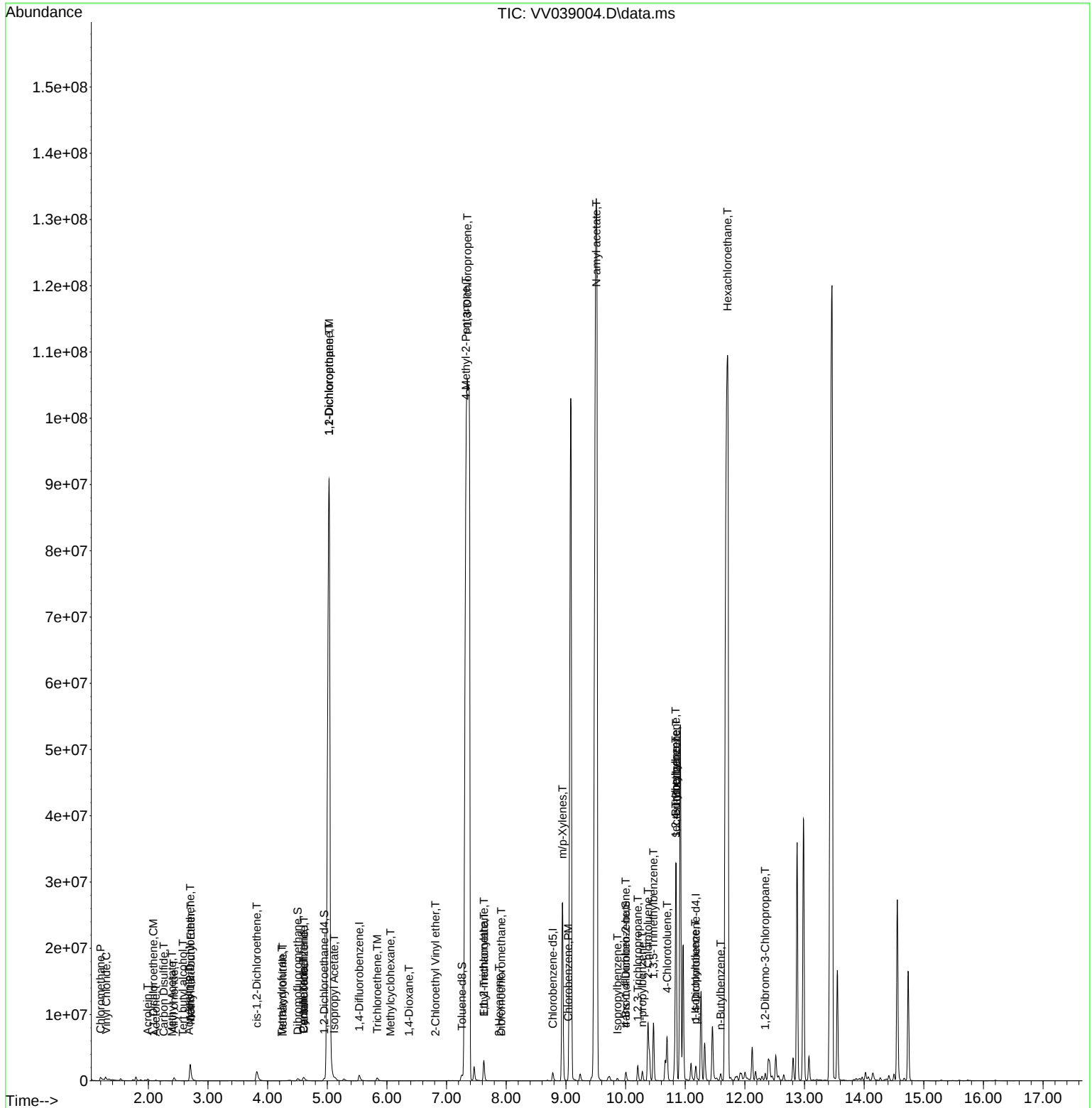
Quant Time: Aug 22 04:42:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

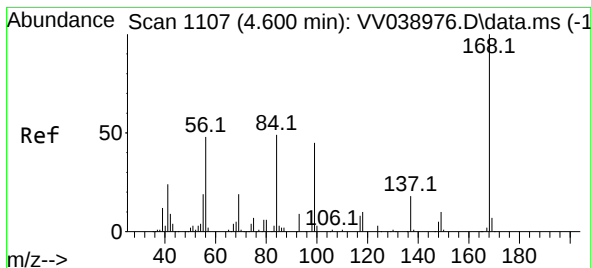
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	10.281	91	1077764	30.377	ug/l	99
79) 2-Chlorotoluene	10.377	91	944650	44.345	ug/l #	42
80) 1,3,5-Trimethylbenzene	10.468	105	4676312	186.995	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.005	75	220866	61.733	ug/l #	14
82) 4-Chlorotoluene	10.696	91	442618	18.028	ug/l	75
83) tert-Butylbenzene	10.847	119	2332828	93.946	ug/l #	43
84) 1,2,4-Trimethylbenzene	10.840	105	15846996	662.178	ug/l	88
85) sec-Butylbenzene	10.840	105	15846996	490.708	ug/l #	57
86) p-Isopropyltoluene	11.172	119	203732	7.491	ug/l #	75
89) n-Butylbenzene	11.596	91	141928	5.357	ug/l #	1
90) Hexachloroethane	11.709	117	20045484	3189.305	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	12.339	75	3362	1.465	ug/l #	1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

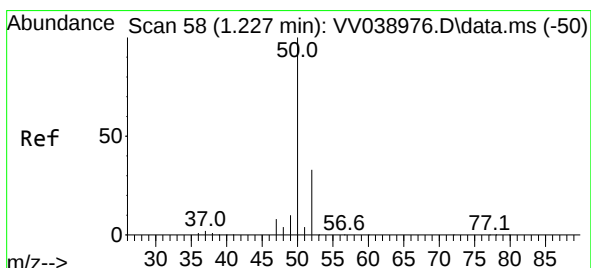
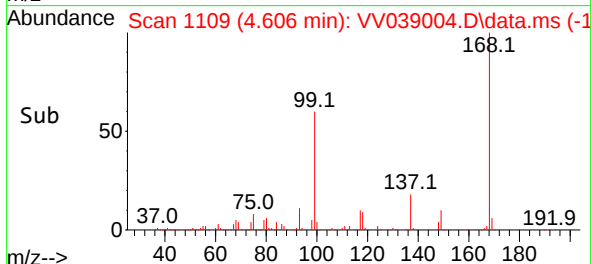
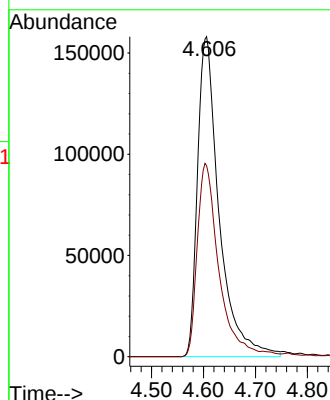
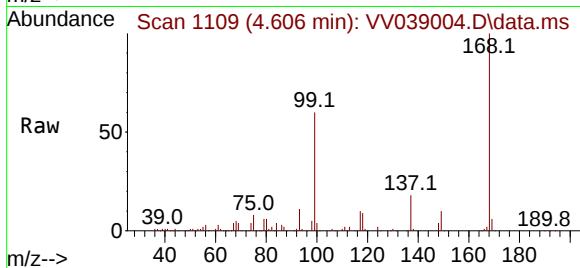
ClientSampleId :

Tgt Ion:168 Resp: 456156

Ion Ratio Lower Upper

168 100

99 59.7 47.0 70.6



#3

Chloromethane

Concen: 2.149 ug/l

RT: 1.198 min Scan# 49

Delta R.T. -0.029 min

Lab File: VV039004.D

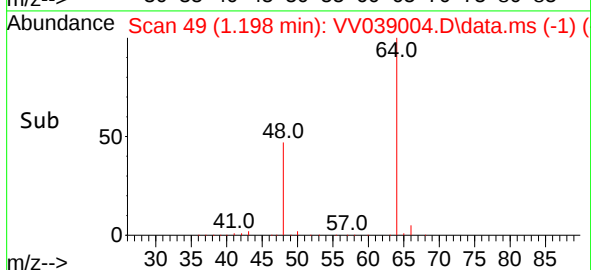
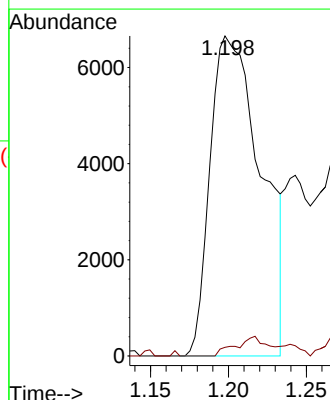
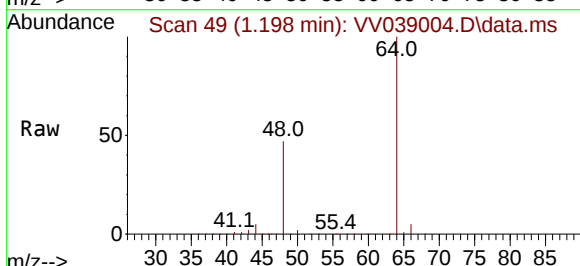
Acq: 21 Aug 2025 23:59

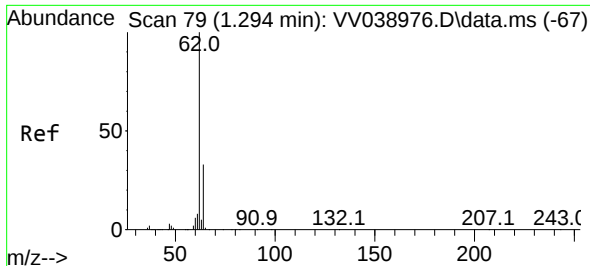
Tgt Ion: 50 Resp: 15137

Ion Ratio Lower Upper

50 100

52 2.7 26.2 39.2#





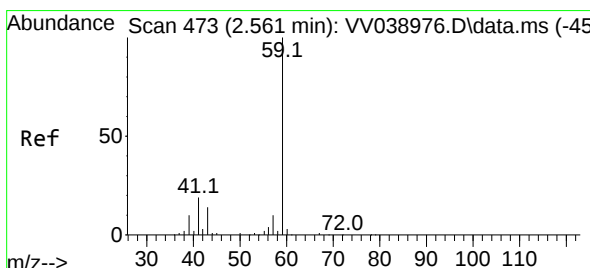
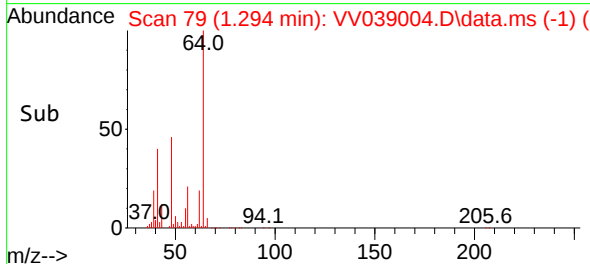
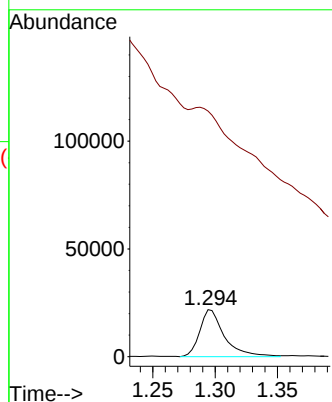
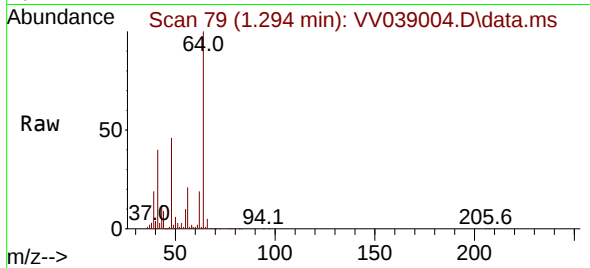
#4
 Vinyl Chloride
 Concen: 4.049 ug/l
 RT: 1.294 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

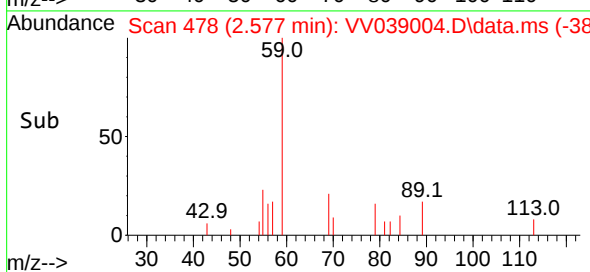
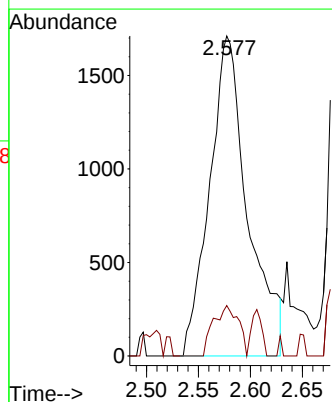
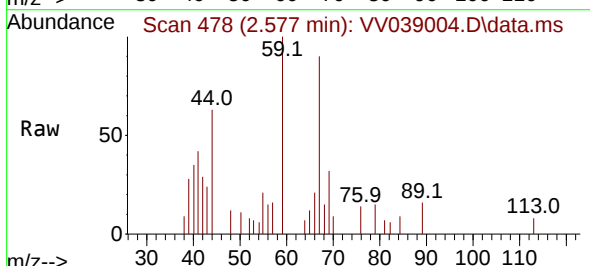
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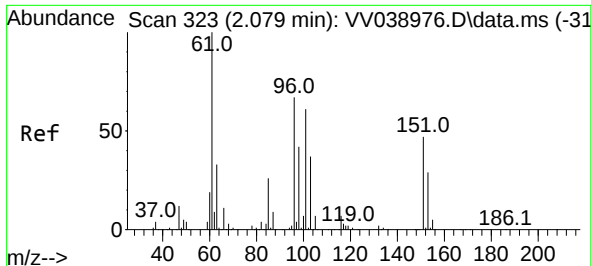
Tgt Ion: 62 Resp: 30094
 Ion Ratio Lower Upper
 62 100
 64 145.7 26.4 39.6#



#11
 Tert butyl alcohol
 Concen: 5.026 ug/l
 RT: 2.577 min Scan# 478
 Delta R.T. 0.016 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

Tgt Ion: 59 Resp: 4354
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.1 12.1





#12

1,1-Dichloroethene

Concen: 0.490 ug/l

RT: 2.085 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

ClientSampleId :

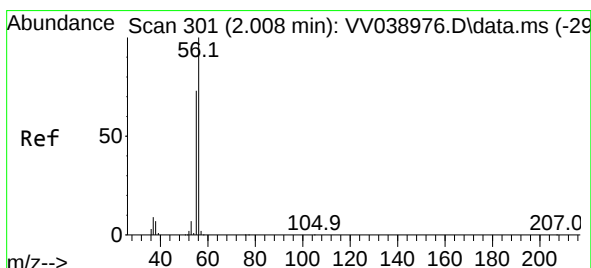
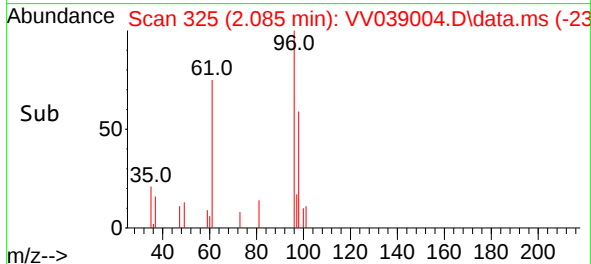
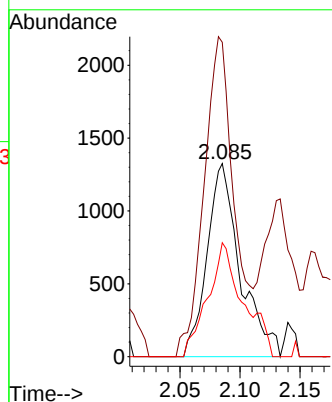
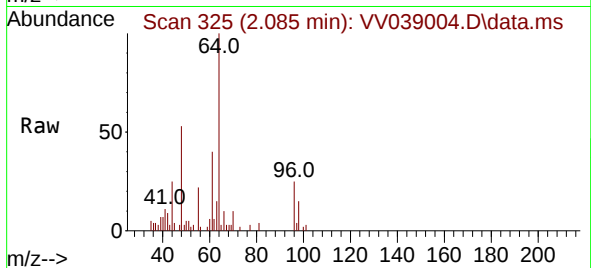
Tgt Ion: 96 Resp: 2537

Ion Ratio Lower Upper

96 100

61 153.0 119.8 179.8

98 59.0 50.2 75.2



#13

Acrolein

Concen: 7.888 ug/l

RT: 1.989 min Scan# 295

Delta R.T. -0.019 min

Lab File: VV039004.D

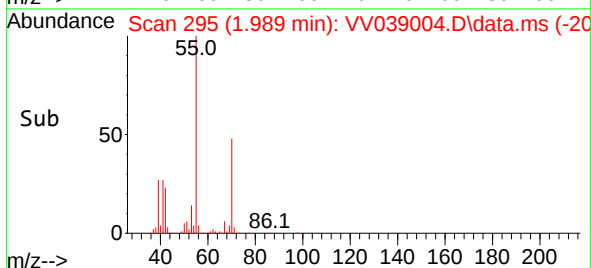
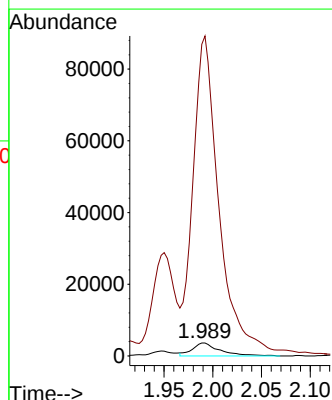
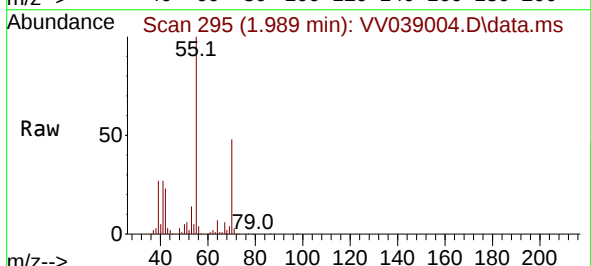
Acq: 21 Aug 2025 23:59

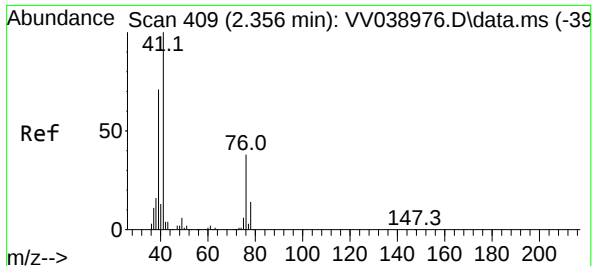
Tgt Ion: 56 Resp: 7174

Ion Ratio Lower Upper

56 100

55 2309.7 58.8 88.2#

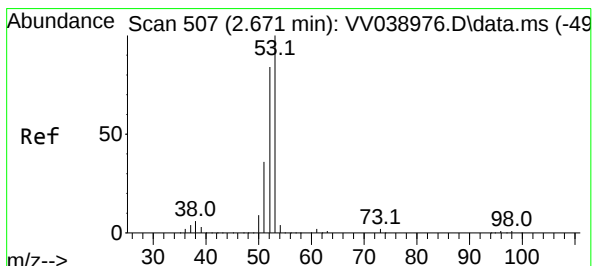
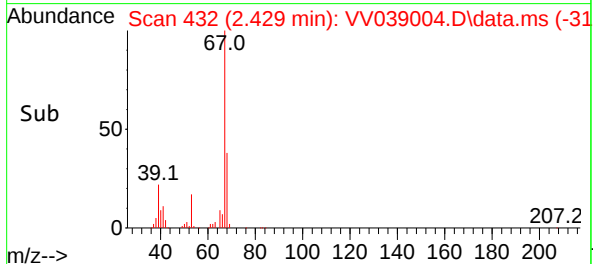
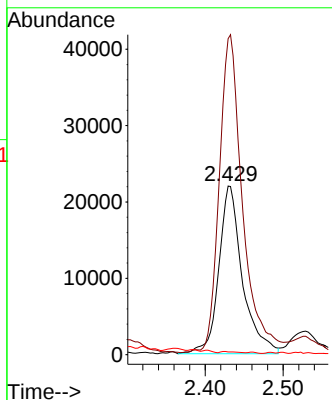
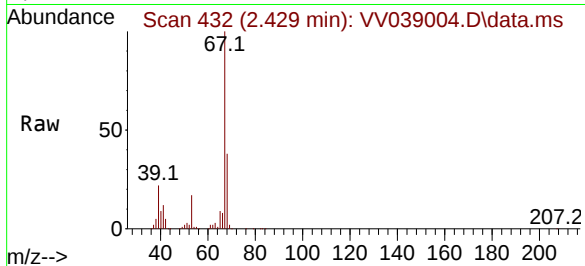




#14
 Allyl chloride
 Concen: 6.687 ug/l
 RT: 2.429 min Scan# 41
 Delta R.T. 0.074 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

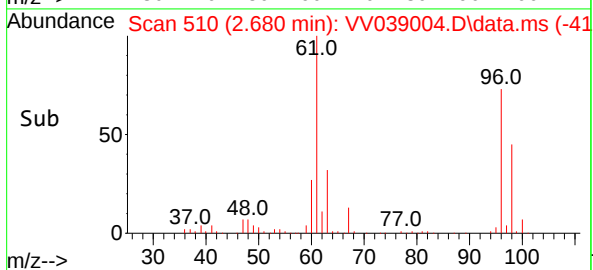
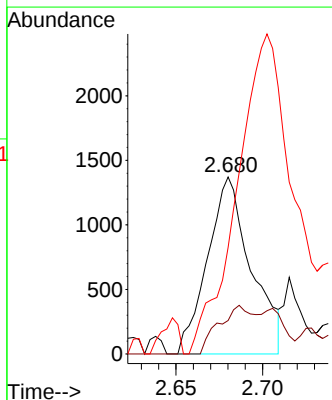
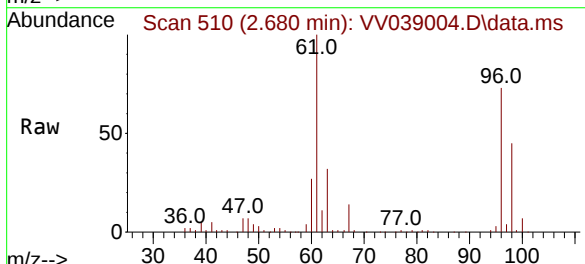
Instrument :
 MSVOA_V
 ClientSampleId :

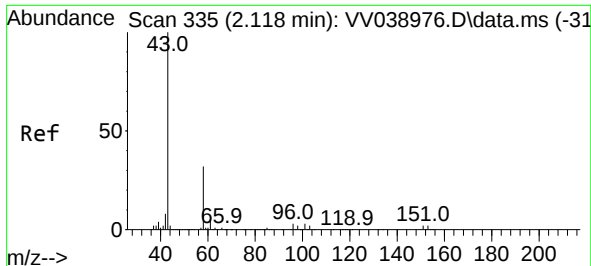
Tgt Ion: 41 Resp: 46220
 Ion Ratio Lower Upper
 41 100
 39 186.9 55.0 82.4#
 76 0.5 35.6 53.4#



#15
 Acrylonitrile
 Concen: 0.916 ug/l
 RT: 2.680 min Scan# 510
 Delta R.T. 0.009 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

Tgt Ion: 53 Resp: 2399
 Ion Ratio Lower Upper
 53 100
 52 21.8 66.2 99.4#
 51 0.0 28.5 42.7#





#16

Acetone

Concen: 2.773 ug/l

RT: 2.124 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

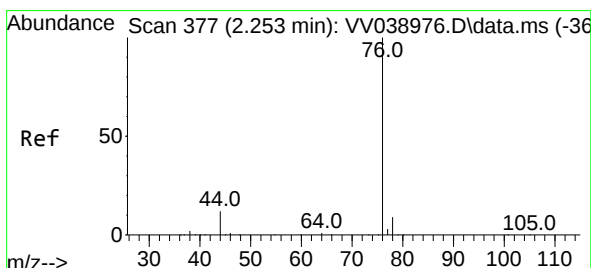
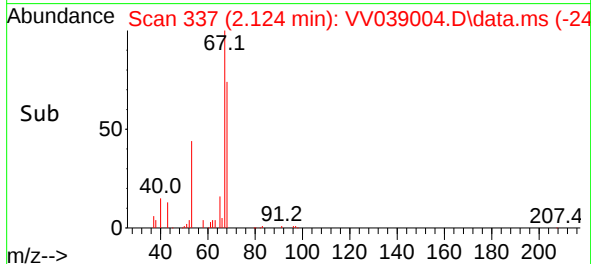
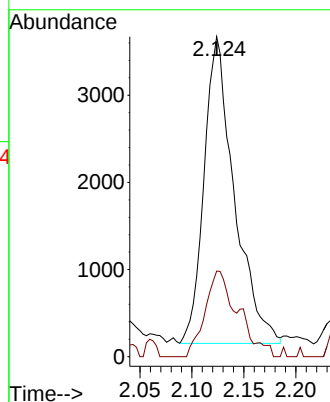
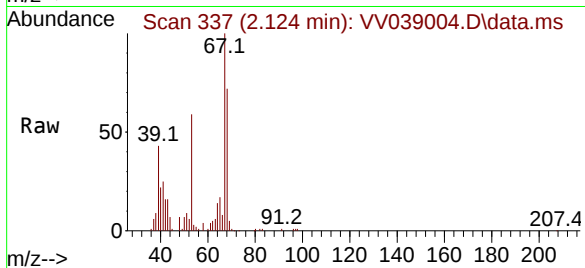
ClientSampleId :

Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

58 27.9 26.3 39.5



#17

Carbon Disulfide

Concen: 0.532 ug/l

RT: 2.256 min Scan# 378

Delta R.T. 0.003 min

Lab File: VV039004.D

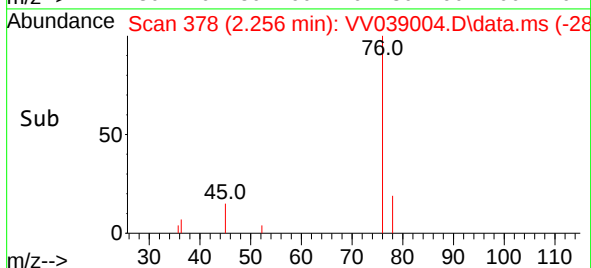
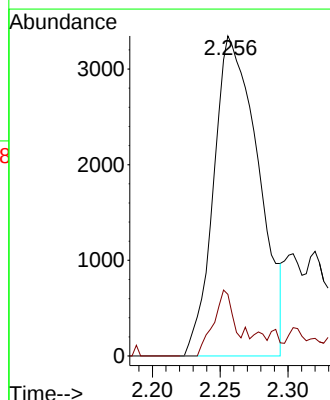
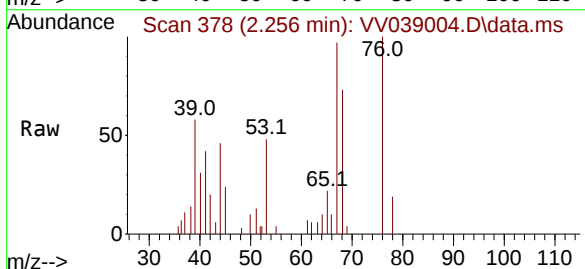
Acq: 21 Aug 2025 23:59

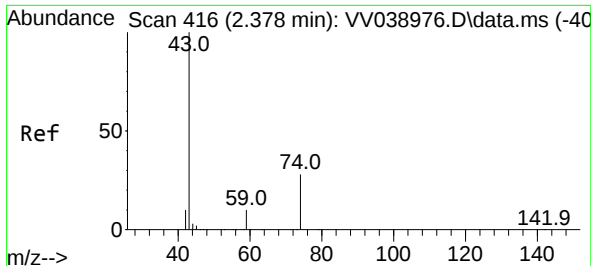
Tgt Ion: 76 Resp: 7654

Ion Ratio Lower Upper

76 100

78 19.2 7.3 10.9#

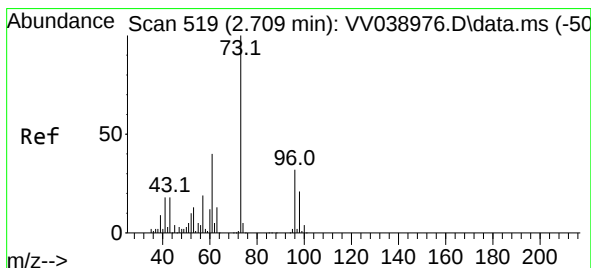
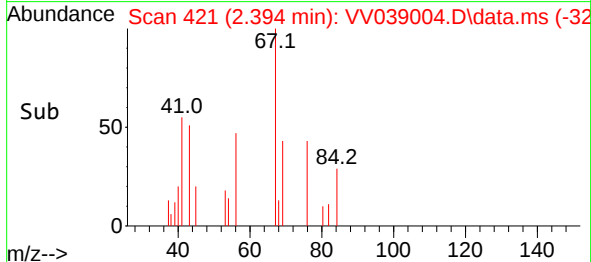
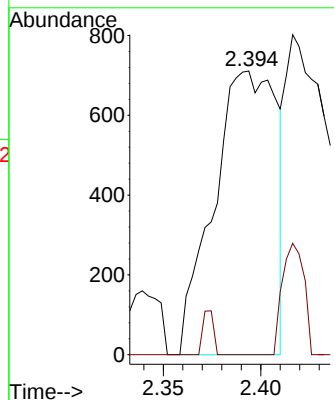
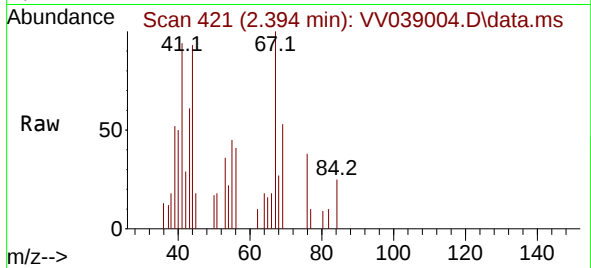




#18
Methyl Acetate
Concen: 0.292 ug/l
RT: 2.394 min Scan# 416
Delta R.T. 0.016 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

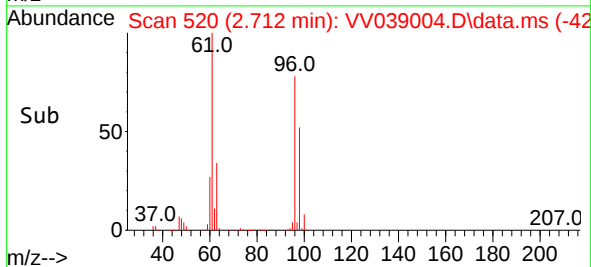
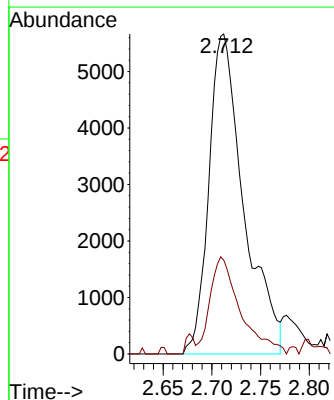
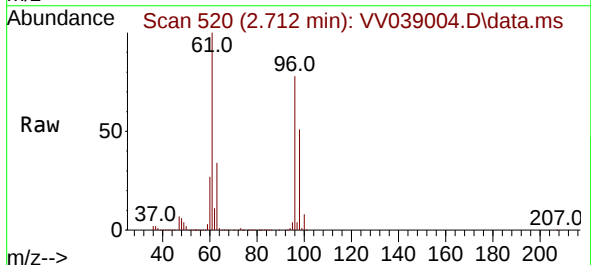
Instrument :
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ClientSampleId :

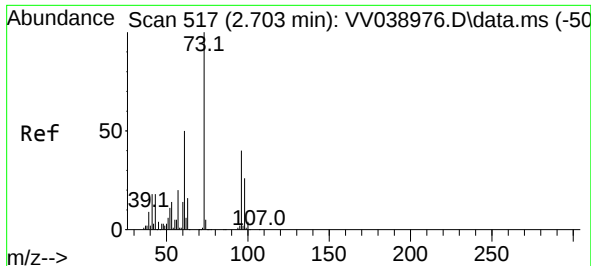
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
74 2.6 23.5 35.3#



#19
Methyl tert-butyl Ether
Concen: 0.921 ug/l
RT: 2.712 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

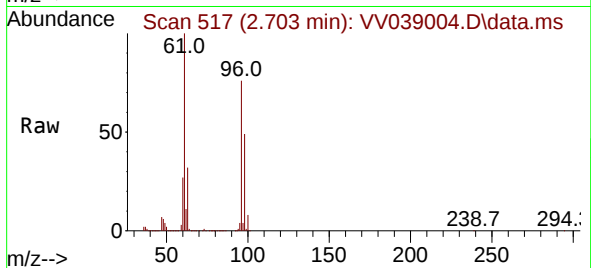
Tgt Ion: 73 Resp: 14093
Ion Ratio Lower Upper
73 100
57 29.3 15.7 23.5#





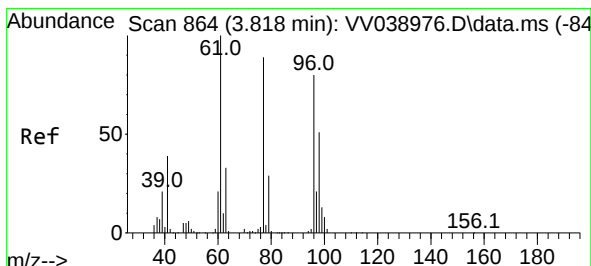
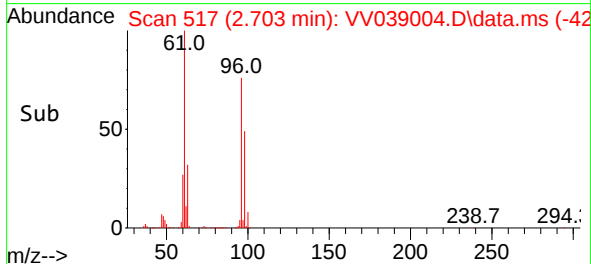
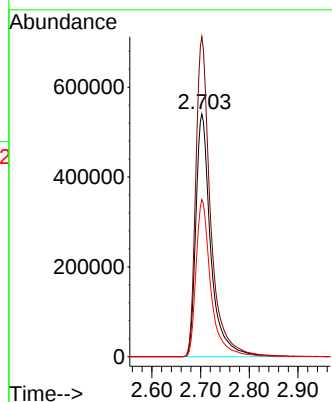
#21
trans-1,2-Dichloroethene
Concen: 213.010 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1148589

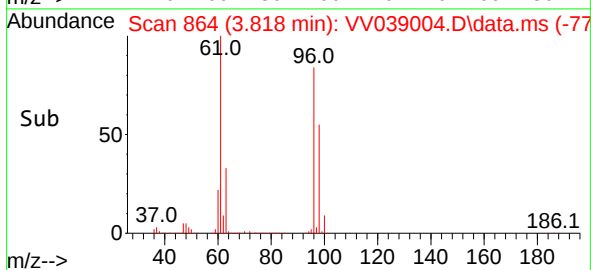
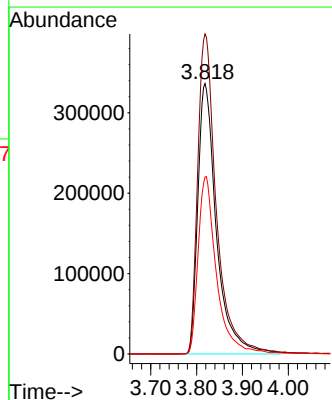
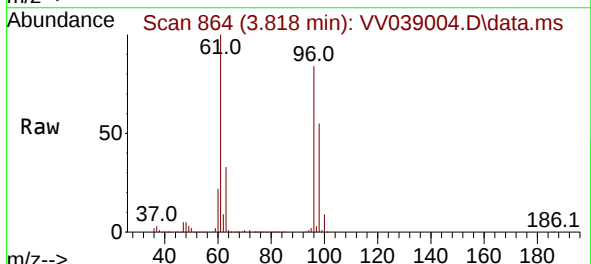
Ion	Ratio	Lower	Upper
96	100		
61	131.8	100.6	151.0
98	64.7	51.5	77.3

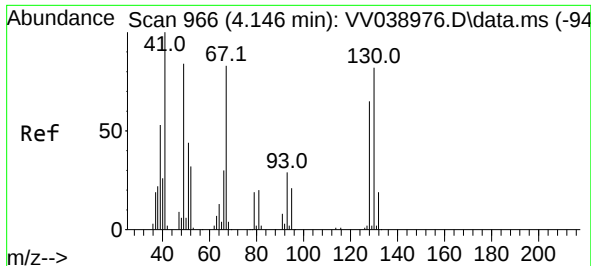


#27
cis-1,2-Dichloroethene
Concen: 145.786 ug/l
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 96 Resp: 948797

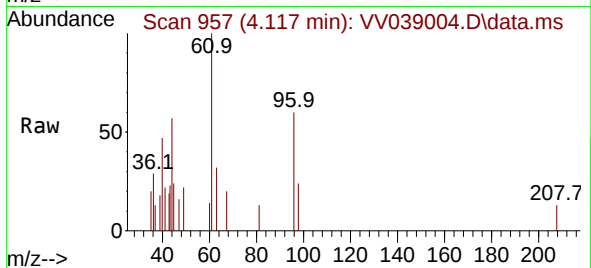
Ion	Ratio	Lower	Upper
96	100		
61	119.3	0.0	264.4
98	64.3	0.0	131.8



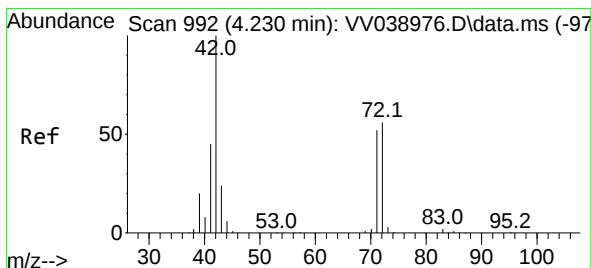
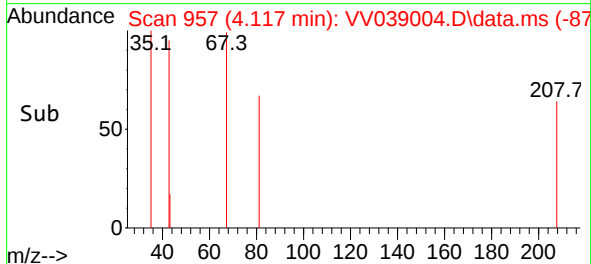
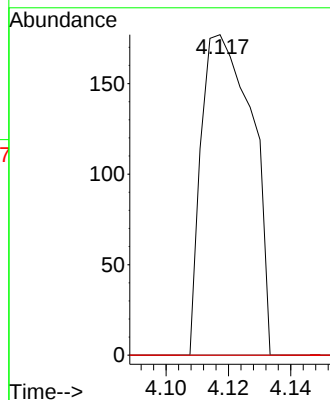


#28
Bromochloromethane
Concen: Below Cal
RT: 4.117 min Scan# 911
Delta R.T. -0.029 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Instrument :
MSVOA_V
ClientSampleId :

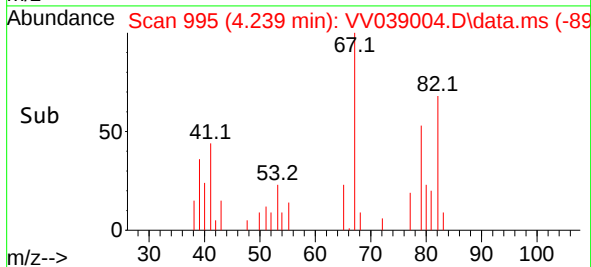
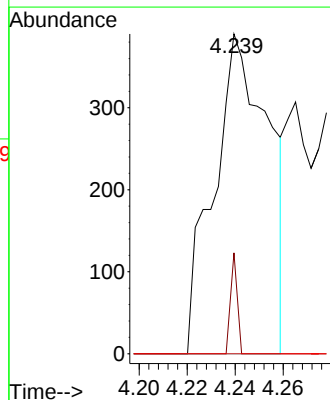
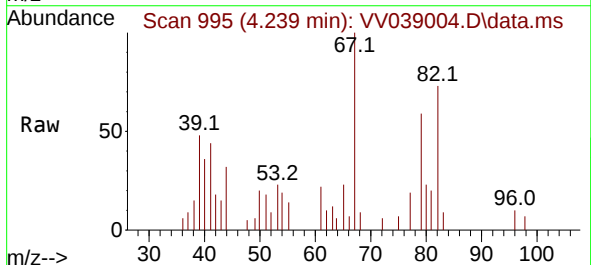


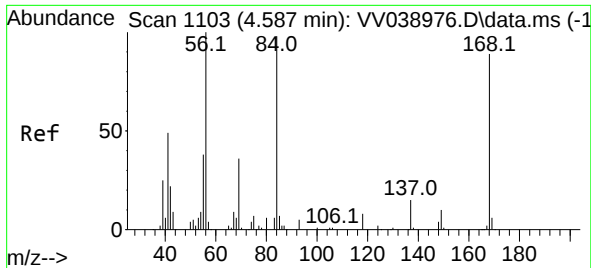
Tgt Ion: 49 Resp: 200
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.2
130 0.0 78.2 117.2#



#29
Tetrahydrofuran
Concen: 0.277 ug/l
RT: 4.239 min Scan# 995
Delta R.T. 0.009 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 42 Resp: 619
Ion Ratio Lower Upper
42 100
72 3.9 44.6 66.8#
71 0.0 41.6 62.4#

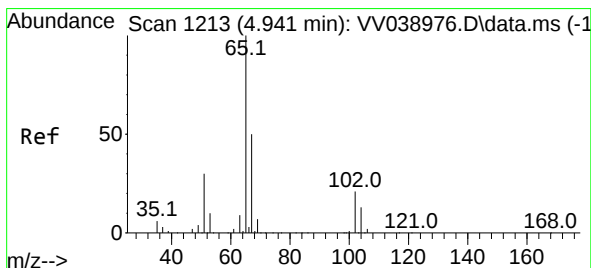
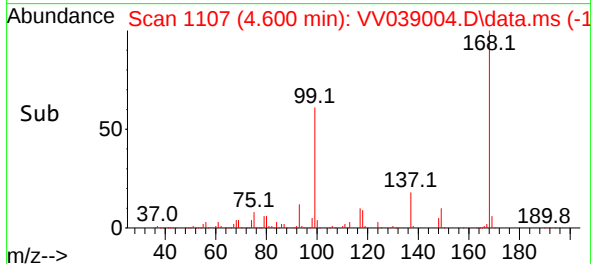
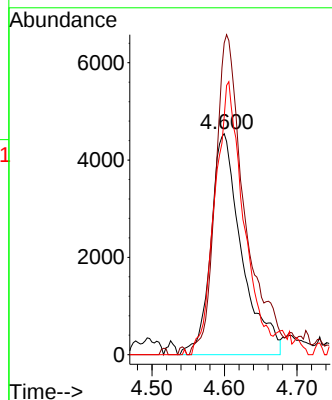
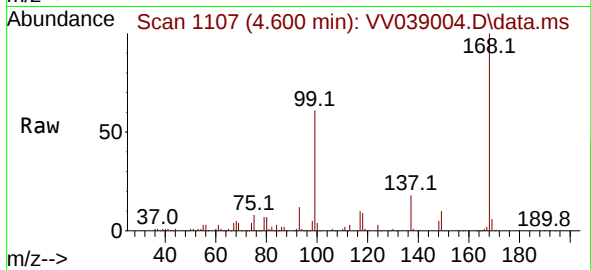




#31
Cyclohexane
Concen: 1.493 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.013 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

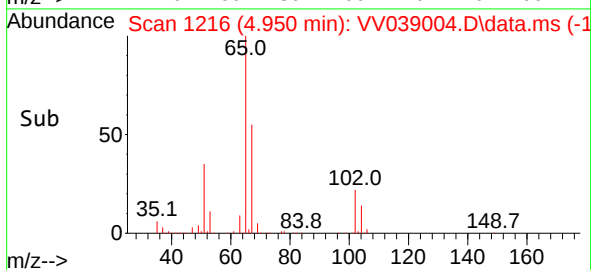
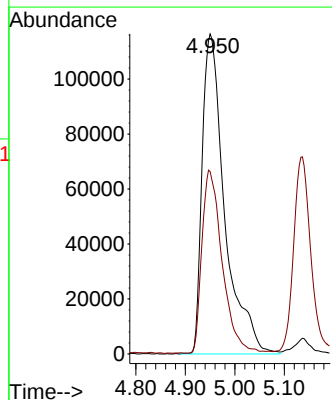
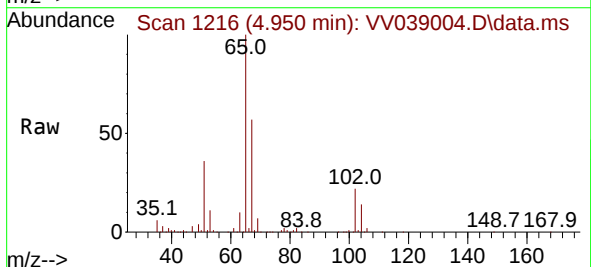
Instrument :
MSVOA_V
ClientSampleId :

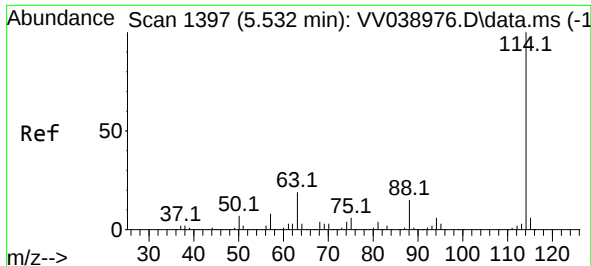
Tgt Ion: 56 Resp: 13388
Ion Ratio Lower Upper
56 100
69 138.1 28.6 42.8#
84 107.7 78.1 117.1



#33
1,2-Dichloroethane-d4
Concen: 57.652 ug/l
RT: 4.950 min Scan# 1216
Delta R.T. 0.009 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 65 Resp: 369010
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

ClientSampleId :

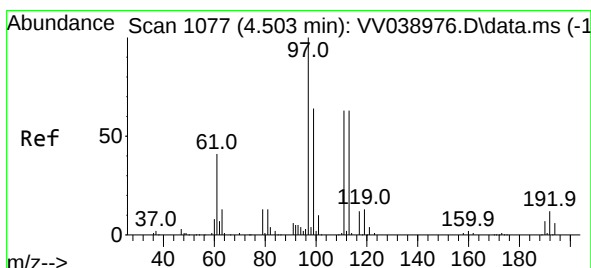
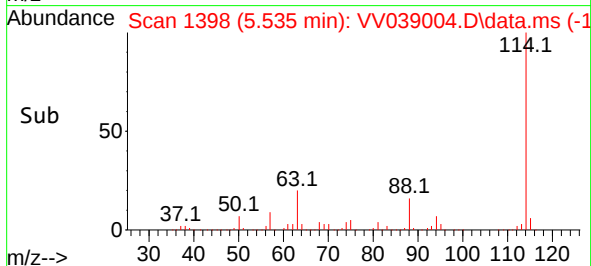
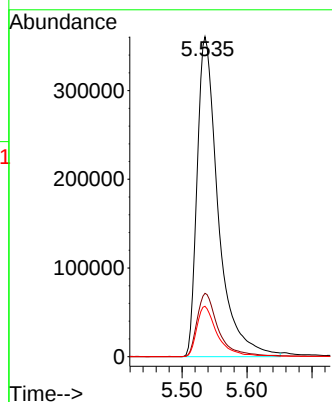
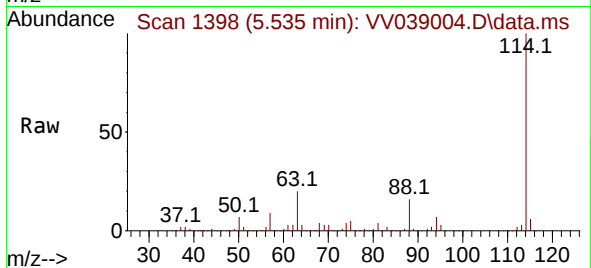
Tgt Ion:114 Resp: 816696

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.7 0.0 30.4



#35

Dibromofluoromethane

Concen: 44.540 ug/l

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

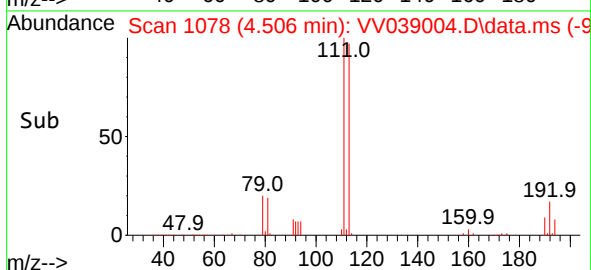
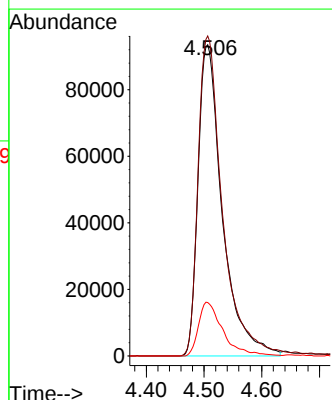
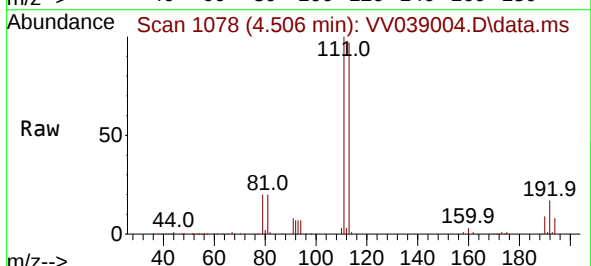
Tgt Ion:113 Resp: 272796

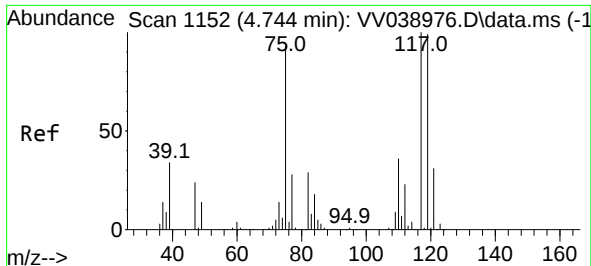
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 17.4 15.4 23.0

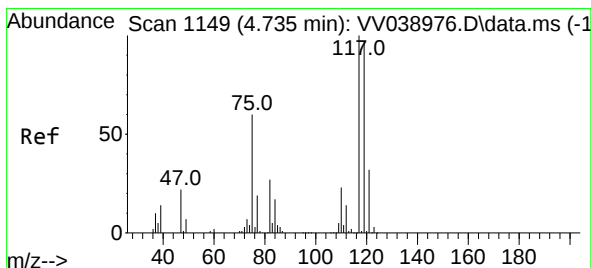
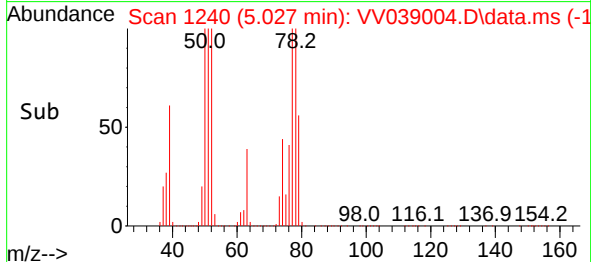
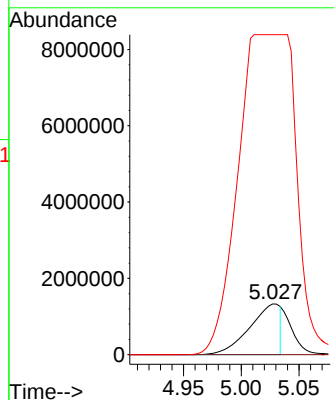
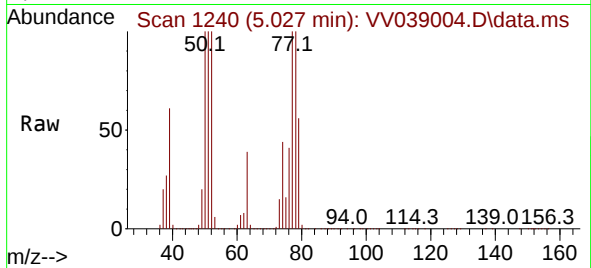




#36
1,1-Dichloropropene
Concen: 309.104 ug/l
RT: 5.027 min Scan# 1152
Delta R.T. 0.283 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

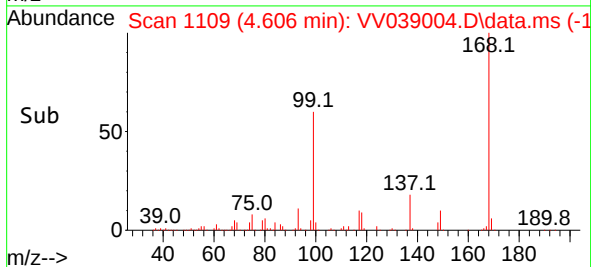
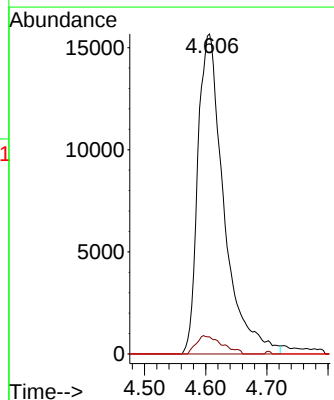
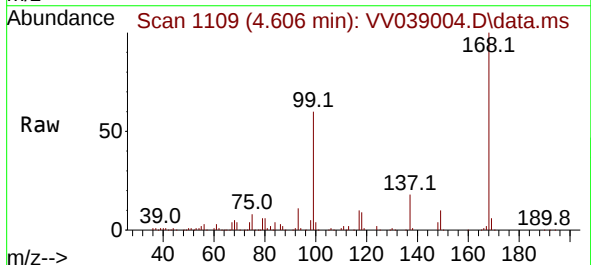
Instrument :
MSVOA_V
ClientSampleId :

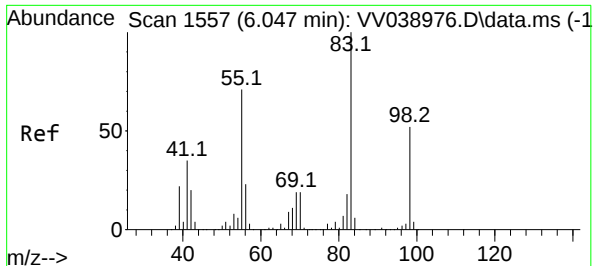
Tgt Ion: 75 Resp: 2458644
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.339 ug/l
RT: 4.606 min Scan# 1109
Delta R.T. -0.129 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 117 Resp: 46221
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 25.4 38.2#





#39

Methylcyclohexane

Concen: 0.220 ug/l

RT: 6.059 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

ClientSampleId :

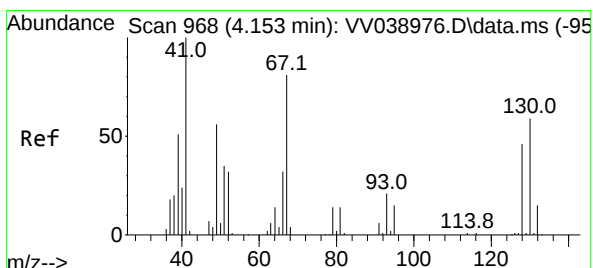
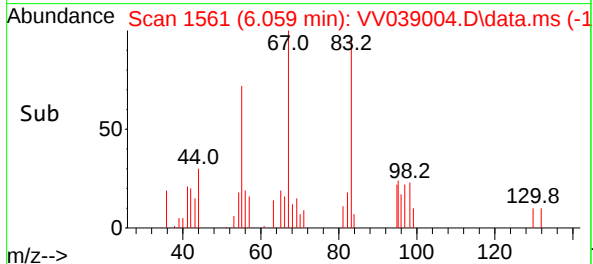
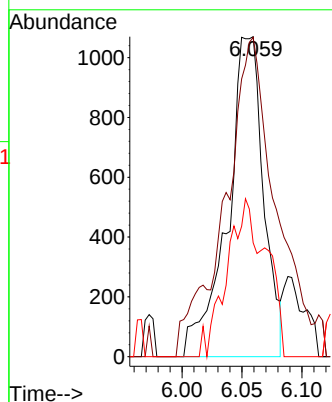
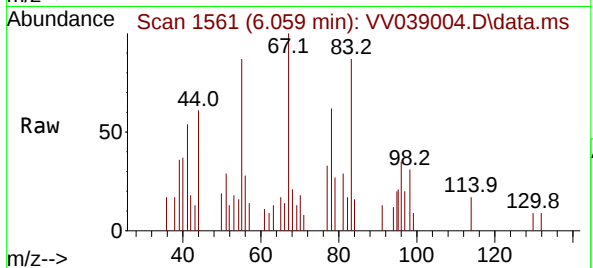
Tgt Ion: 83 Resp: 2239

Ion Ratio Lower Upper

83 100

55 88.7 57.0 85.6#

98 35.6 41.3 61.9#



#41

Methacrylonitrile

Concen: 1.021 ug/l

RT: 4.252 min Scan# 999

Delta R.T. 0.099 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Tgt Ion: 41 Resp: 2991

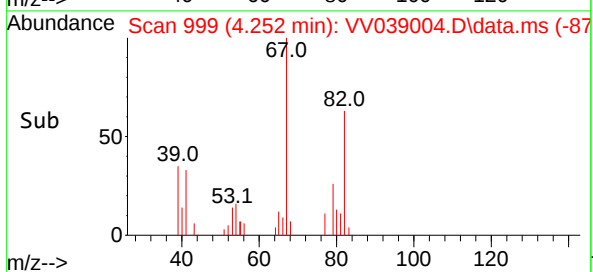
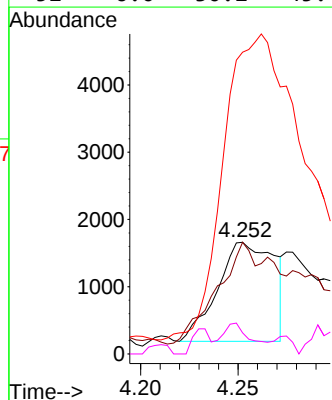
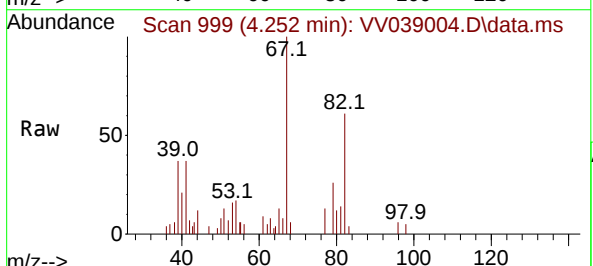
Ion Ratio Lower Upper

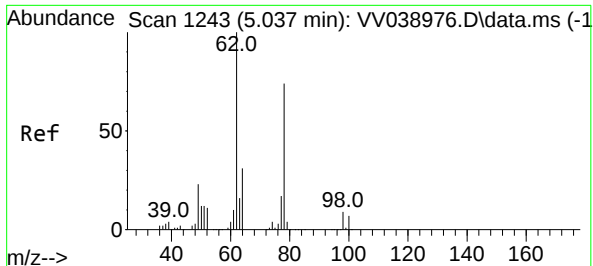
41 100

39 75.2 45.5 68.3#

67 450.7 83.5 125.3#

52 6.0 30.2 45.4#





#42

1,2-Dichloroethane

Concen: 181.489 ug/l

RT: 5.030 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

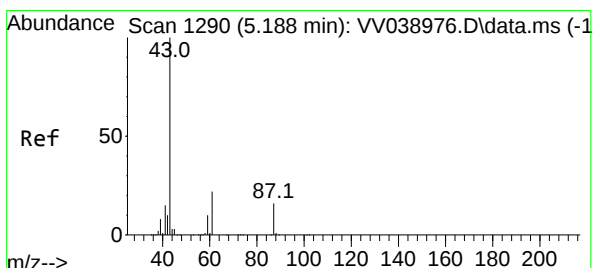
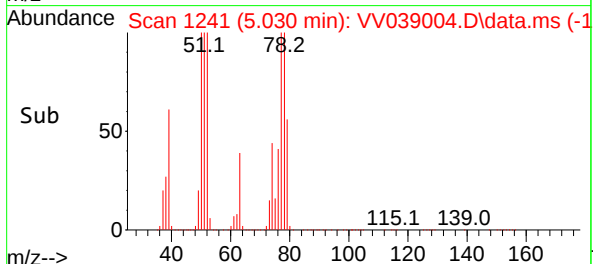
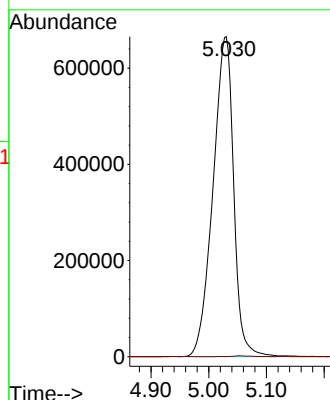
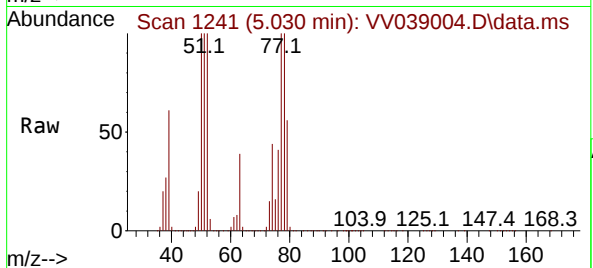
ClientSampleId :

Tgt Ion: 62 Resp: 1652970

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.2



#43

Isopropyl Acetate

Concen: 0.759 ug/l

RT: 5.114 min Scan# 1267

Delta R.T. -0.074 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

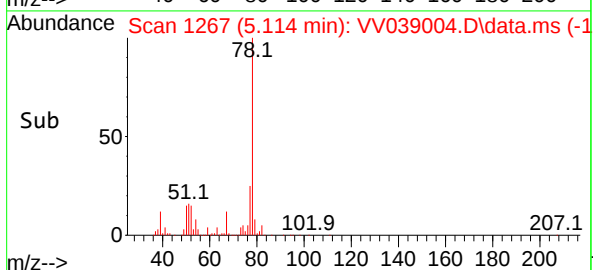
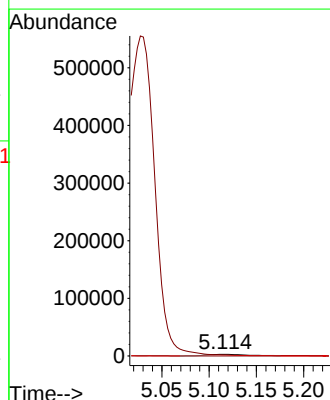
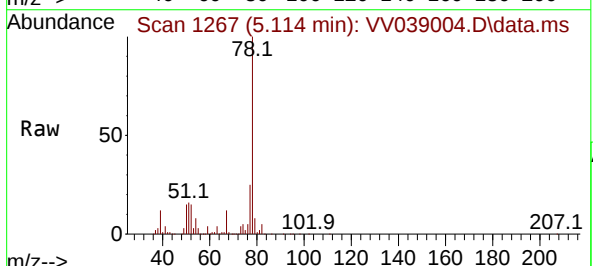
Tgt Ion: 43 Resp: 8995

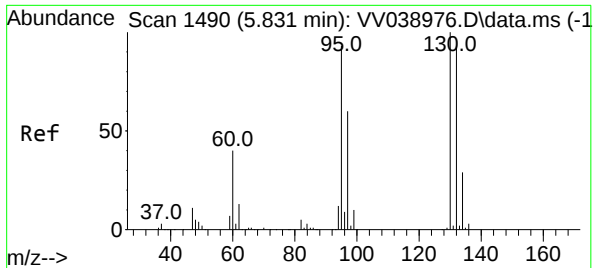
Ion Ratio Lower Upper

43 100

61 0.0 17.4 26.2#

87 0.0 13.3 19.9#

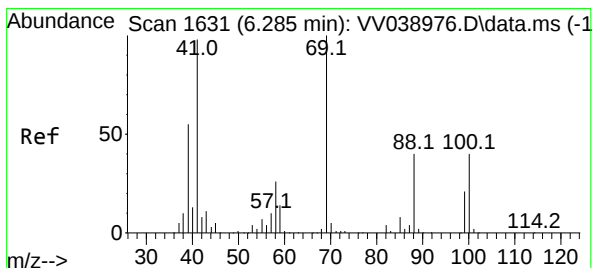
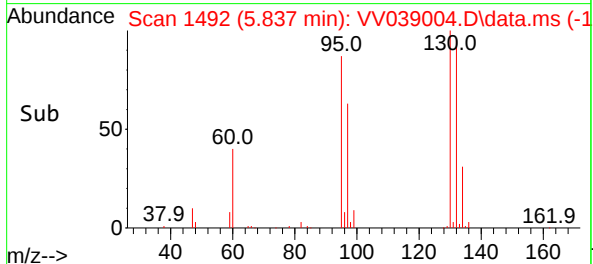
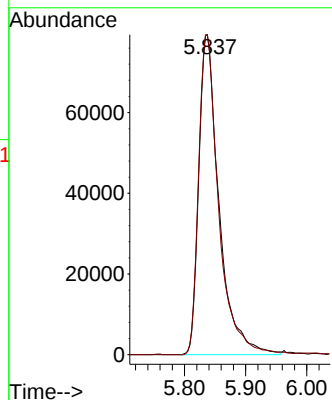
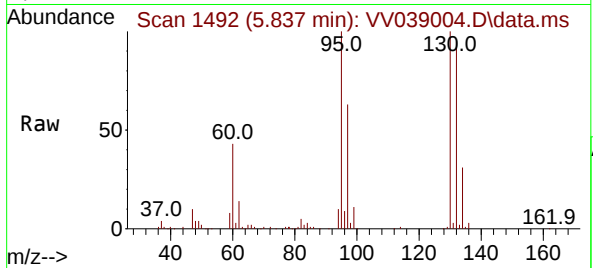




#44
 Trichloroethene
 Concen: 26.946 ug/l
 RT: 5.837 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

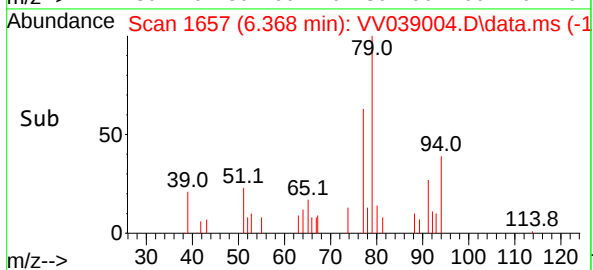
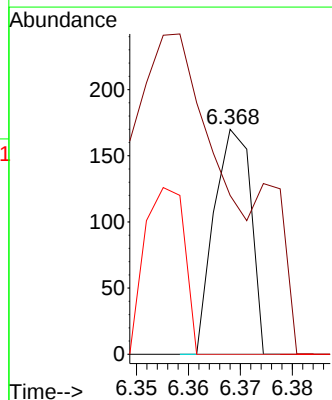
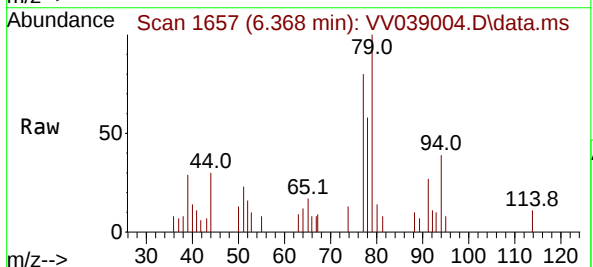
Instrument :
 MSVOA_V
 ClientSampleId :

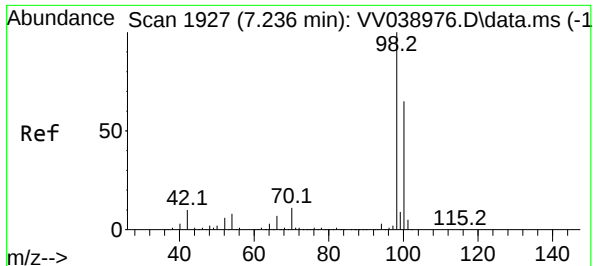
Tgt Ion:130 Resp: 182094
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 186.6



#49
 1,4-Dioxane
 Concen: 0.934 ug/l
 RT: 6.368 min Scan# 1657
 Delta R.T. 0.083 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

Tgt Ion: 88 Resp: 83
 Ion Ratio Lower Upper
 88 100
 43 386.7 24.6 36.8#
 58 80.7 51.8 77.6#

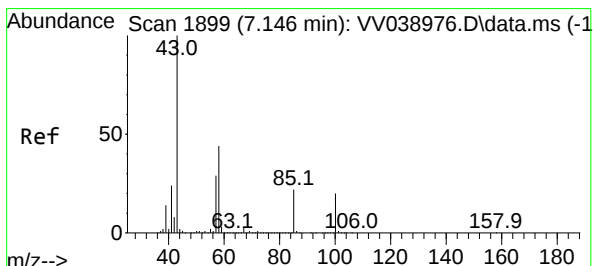
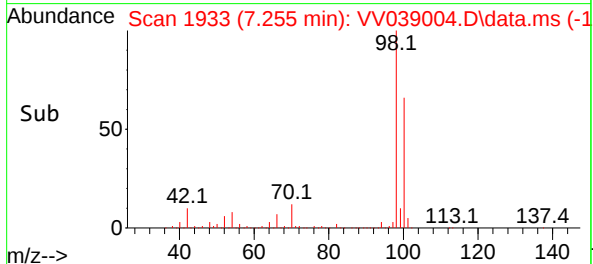
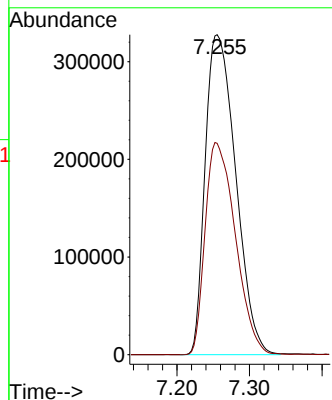
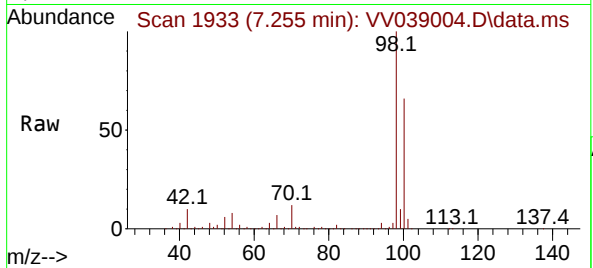




#50
Toluene-d8
Concen: 44.894 ug/l
RT: 7.255 min Scan# 1927
Delta R.T. 0.019 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

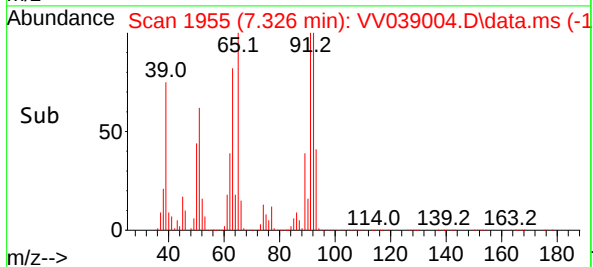
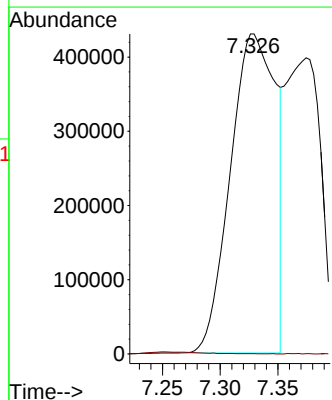
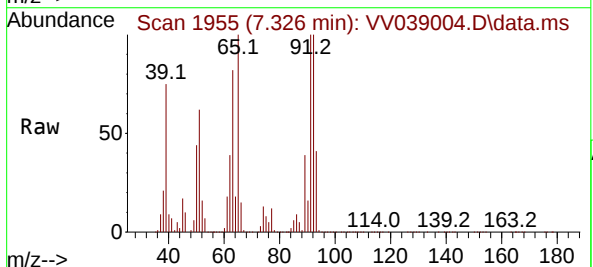
Instrument :
MSVOA_V
ClientSampleId :

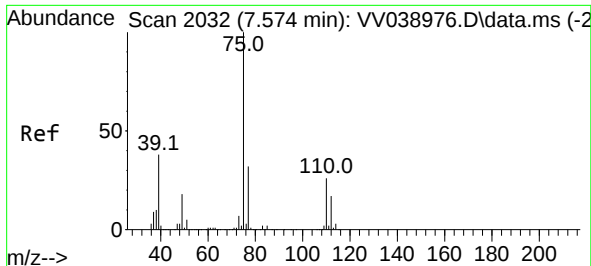
Tgt Ion: 98 Resp: 958827
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 150.659 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.180 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

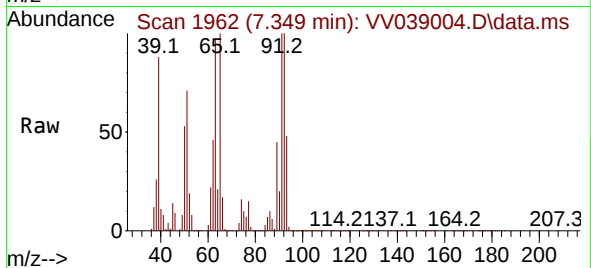
Tgt Ion: 43 Resp: 1173013
Ion Ratio Lower Upper
43 100
58 0.0 34.6 51.8#



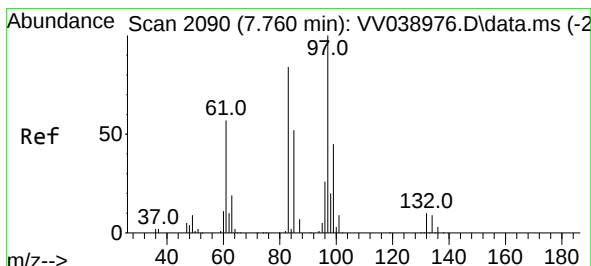
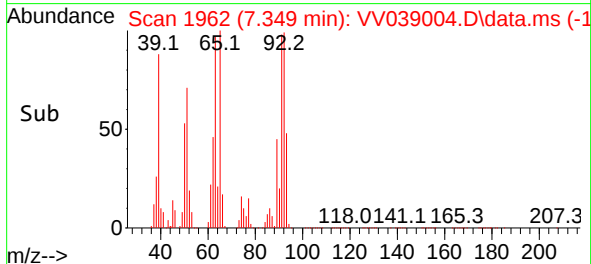
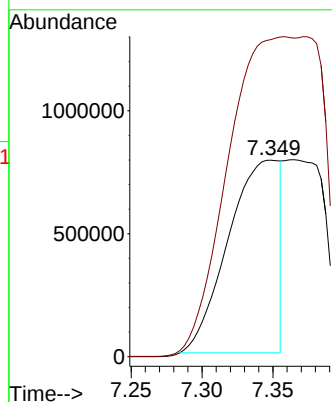


#53
t-1,3-Dichloropropene
Concen: 207.195 ug/l
RT: 7.349 min Scan# 1962
Delta R.T. -0.225 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Instrument :
MSVOA_V
ClientSampleId :

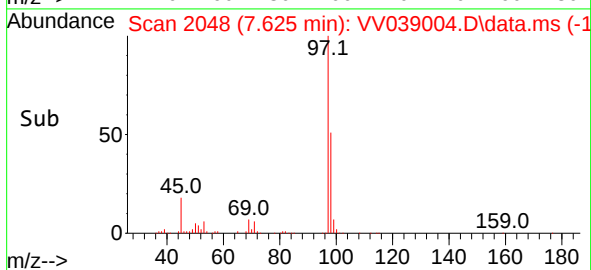
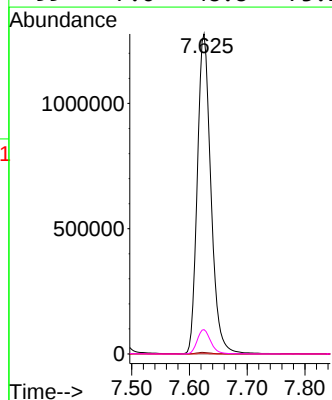
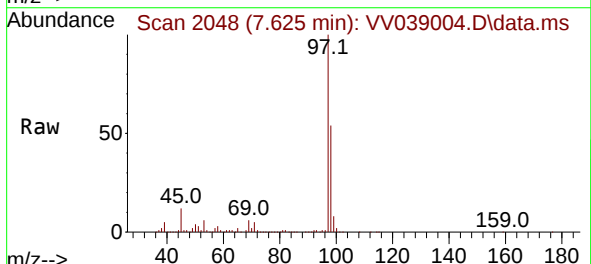


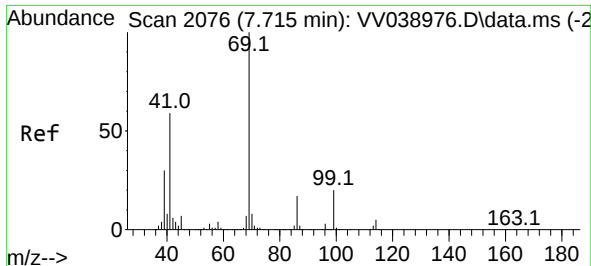
Tgt Ion: 75 Resp: 1976295
Ion Ratio Lower Upper
75 100
77 161.5 25.3 37.9#



#55
1,1,2-Trichloroethane
Concen: 302.367 ug/l
RT: 7.625 min Scan# 2048
Delta R.T. -0.135 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 97 Resp: 2080082
Ion Ratio Lower Upper
97 100
83 0.5 67.2 100.8#
85 0.1 42.7 64.1#
99 7.6 48.8 73.2#

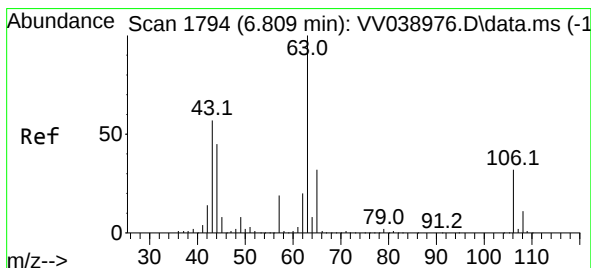
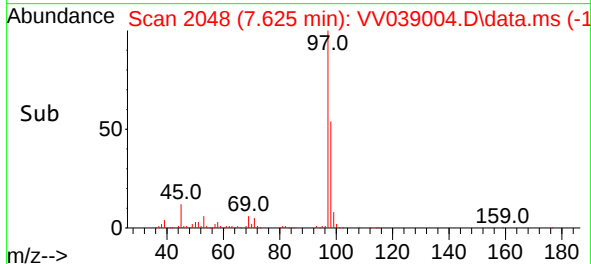
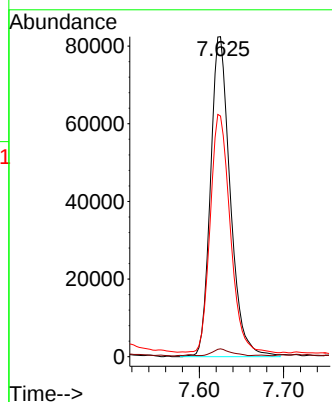
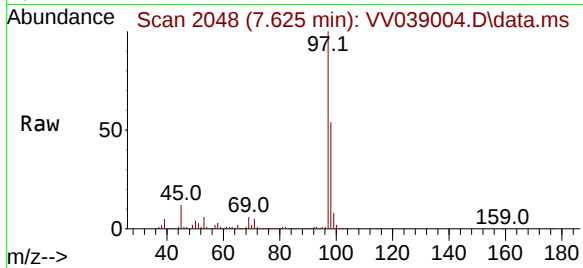




#56
Ethyl methacrylate
Concen: 14.076 ug/l
RT: 7.625 min Scan# 2076
Delta R.T. -0.090 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

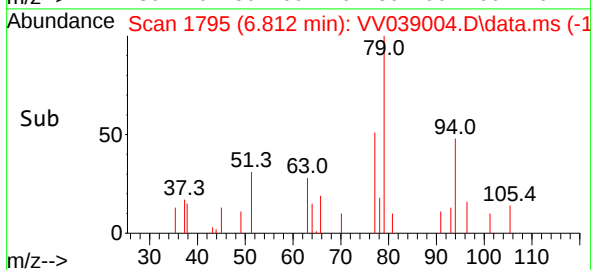
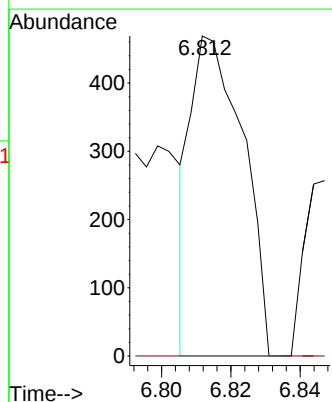
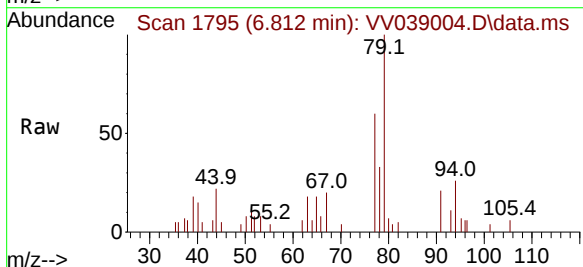
Instrument :
MSVOA_V
ClientSampleId :

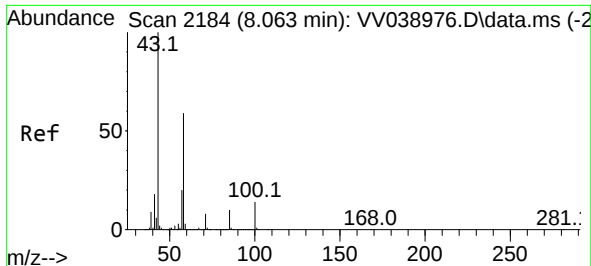
Tgt Ion: 69 Resp: 134555
Ion Ratio Lower Upper
69 100
41 1.9 47.5 71.3#
39 75.1 24.2 36.2#



#58
2-Chloroethyl Vinyl ether
Concen: 5.088 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 63 Resp: 491
Ion Ratio Lower Upper
63 100
106 0.0 25.6 38.4#

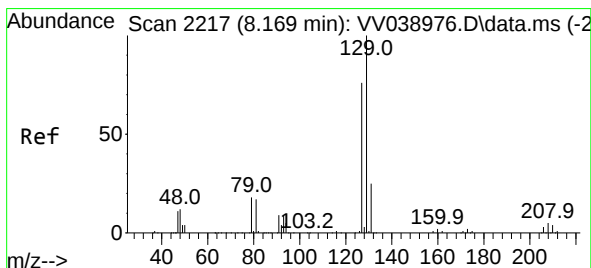
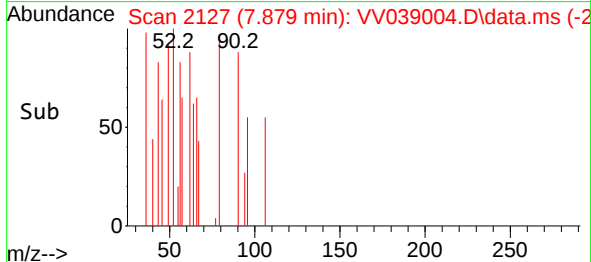
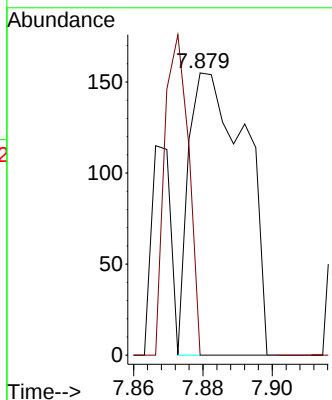
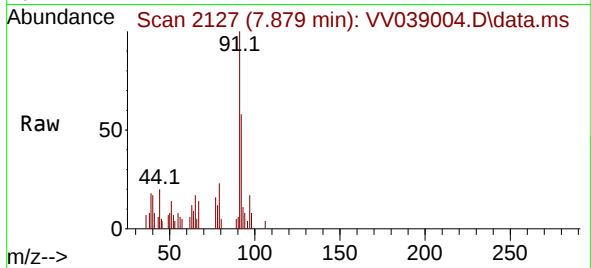




#59
2-Hexanone
Concen: 10.918 ug/l
RT: 7.879 min Scan# 2184
Delta R.T. -0.184 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

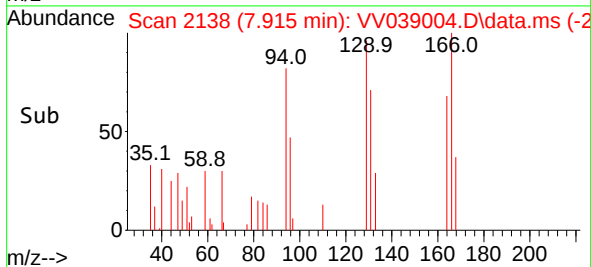
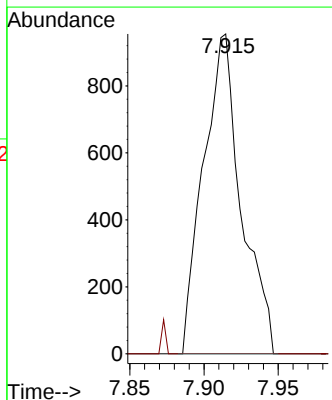
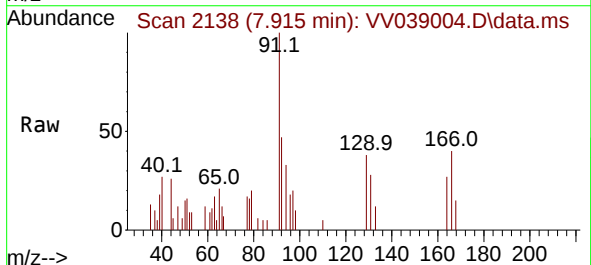
Instrument :
MSVOA_V
ClientSampleId :

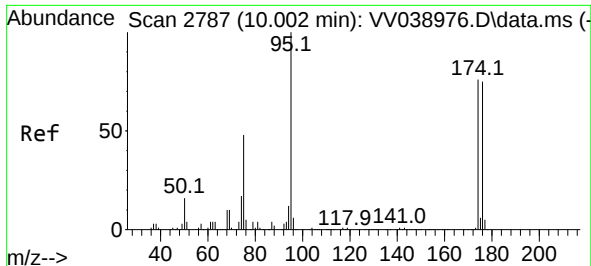
Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
58 47.7 29.8 89.4



#60
Dibromochloromethane
Concen: 0.204 ug/l
RT: 7.915 min Scan# 2138
Delta R.T. -0.254 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion:129 Resp: 1693
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.1#





#62

4-Bromofluorobenzene

Concen: 55.701 ug/l

RT: 10.005 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

ClientSampleId :

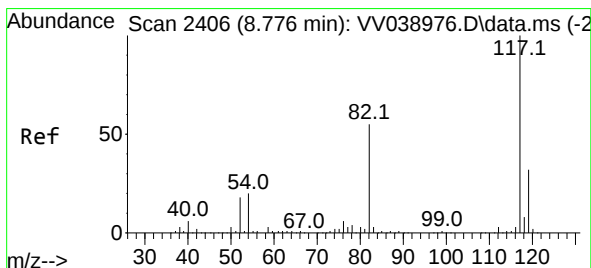
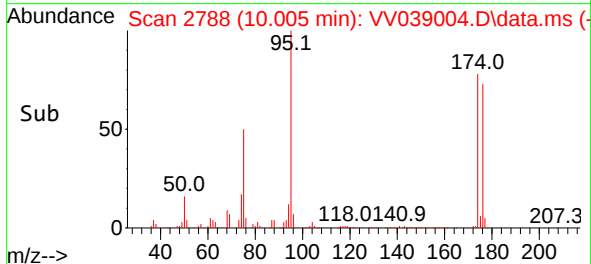
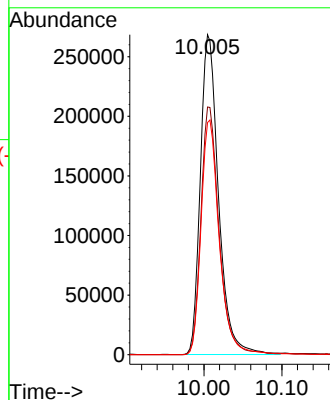
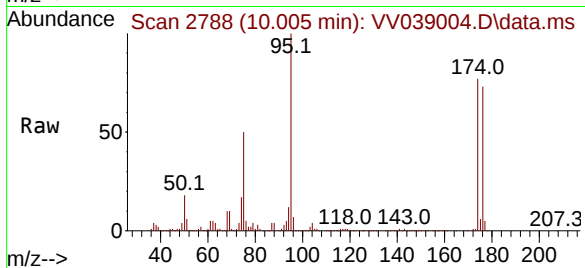
Tgt Ion: 95 Resp: 435202

Ion Ratio Lower Upper

95 100

174 77.2 0.0 154.4

176 74.1 0.0 148.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.779 min Scan# 2407

Delta R.T. 0.003 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

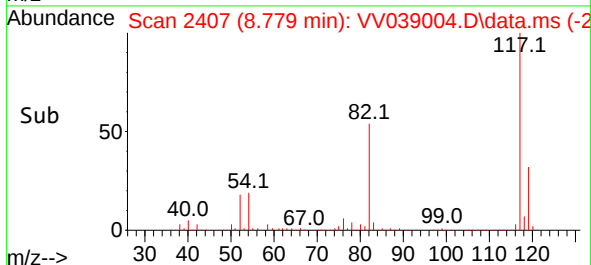
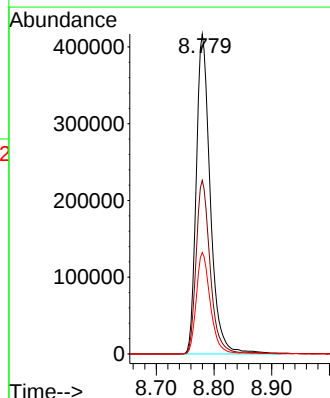
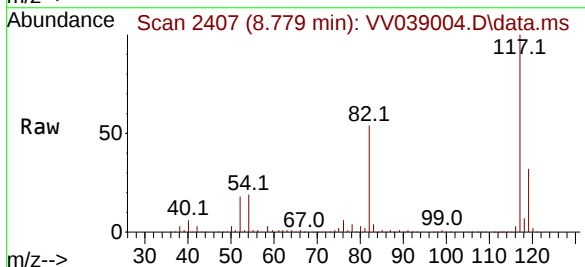
Tgt Ion: 117 Resp: 704493

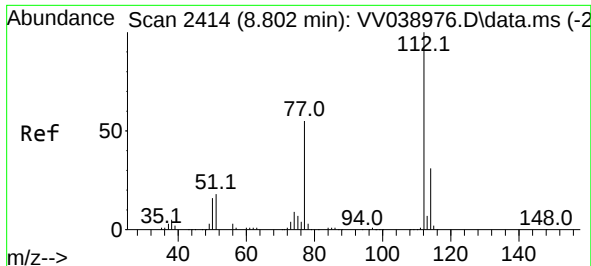
Ion Ratio Lower Upper

117 100

82 54.2 44.4 66.6

119 31.7 26.0 39.0

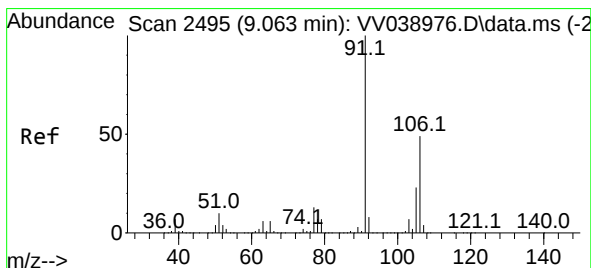
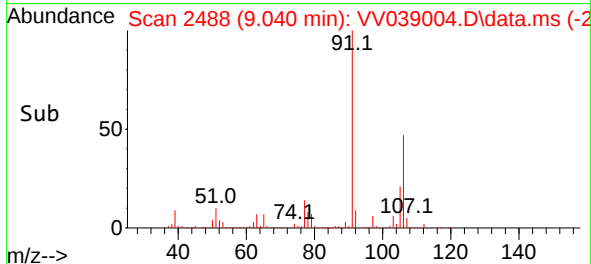
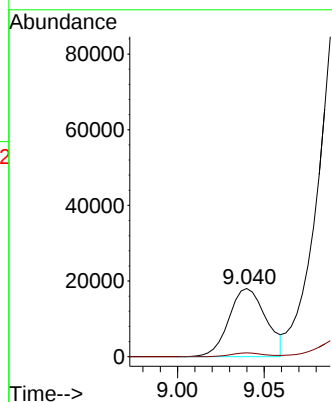
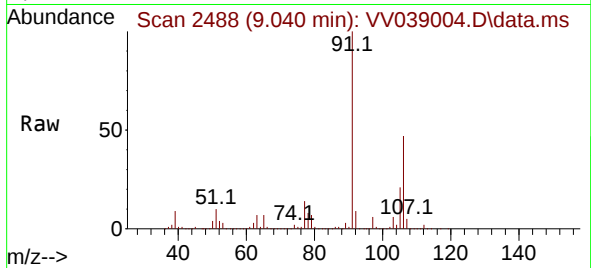




#65
Chlorobenzene
Concen: 1.589 ug/l
RT: 9.040 min Scan# 2414
Delta R.T. 0.238 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

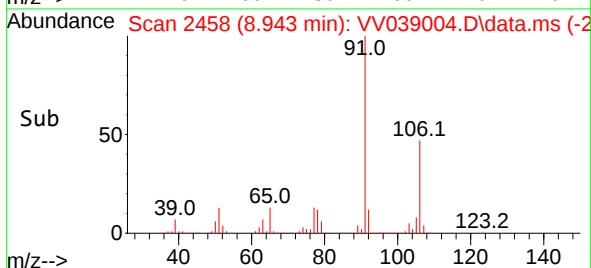
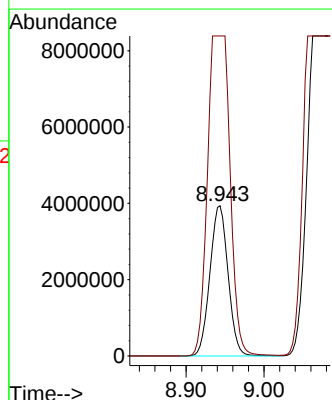
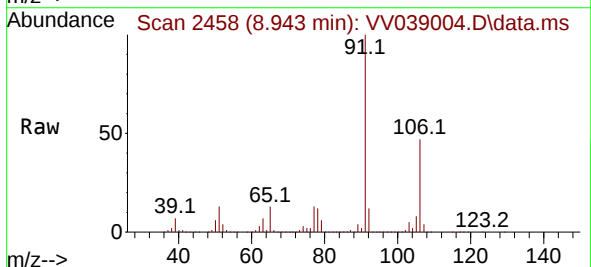
Instrument :
MSVOA_V
ClientSampleId :

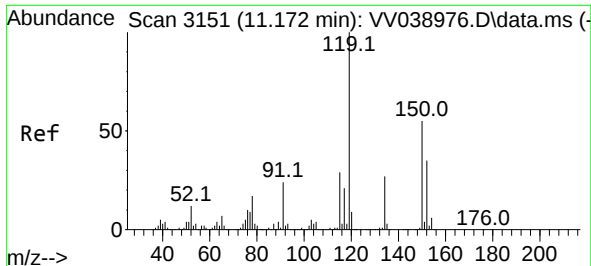
Tgt Ion:112 Resp: 26992
Ion Ratio Lower Upper
112 100
114 5.6 25.1 37.7#



#68
m/p-Xylenes
Concen: 631.391 ug/l
RT: 8.943 min Scan# 2458
Delta R.T. -0.119 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion:106 Resp: 6358619
Ion Ratio Lower Upper
106 100
91 0.0 163.6 245.4#

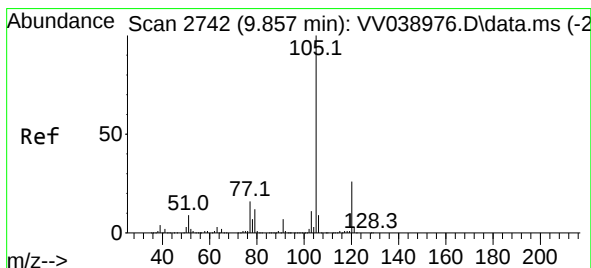
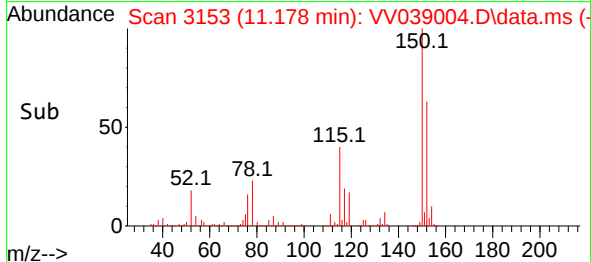
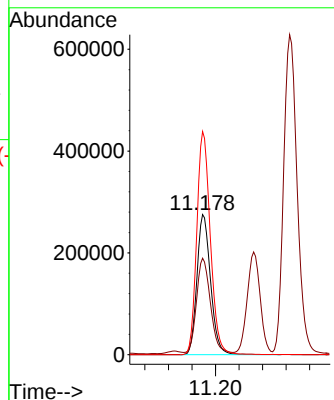
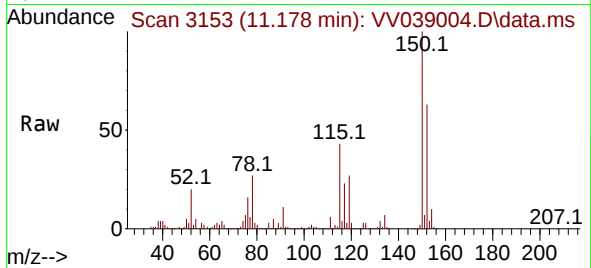




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.178 min Scan# 3151
 Delta R.T. 0.006 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

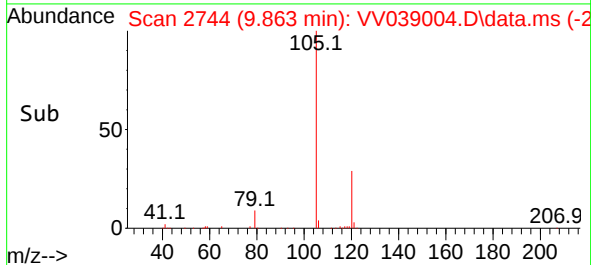
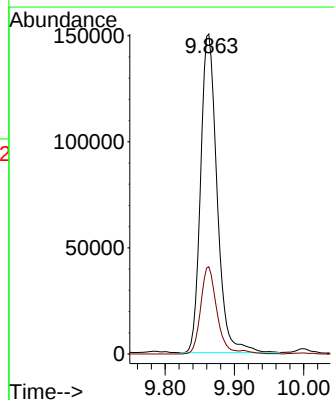
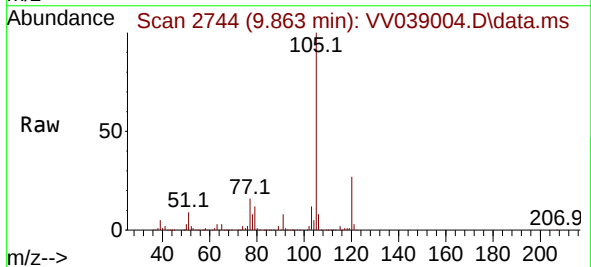
Instrument :
 MSVOA_V
 ClientSampleId :

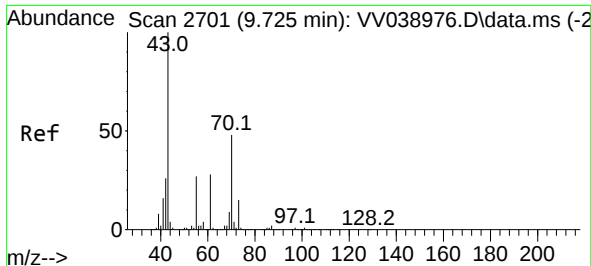
Tgt Ion:152 Resp: 442841
 Ion Ratio Lower Upper
 152 100
 115 67.3 42.5 127.5
 150 158.5 0.0 344.8



#73
 Isopropylbenzene
 Concen: 8.352 ug/l
 RT: 9.863 min Scan# 2744
 Delta R.T. 0.006 min
 Lab File: VV039004.D
 Acq: 21 Aug 2025 23:59

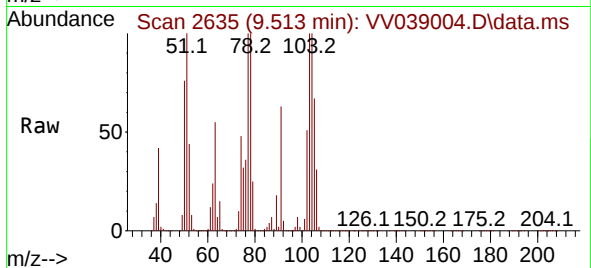
Tgt Ion:105 Resp: 248185
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.1 39.1



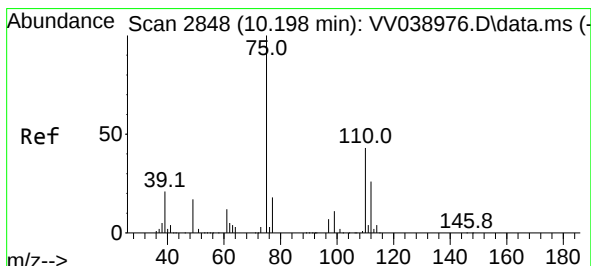
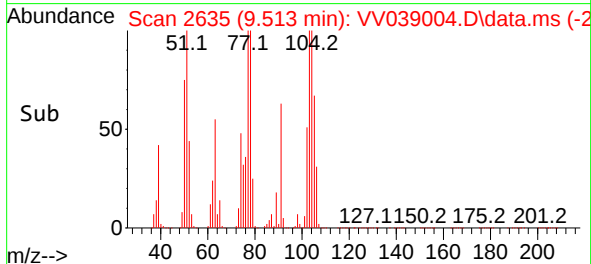
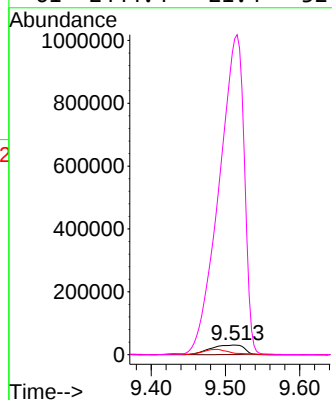


#74
N-amy1 acetate
Concen: 9.042 ug/l
RT: 9.513 min Scan# 21
Delta R.T. -0.212 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Instrument :
MSVOA_V
ClientSampleId :

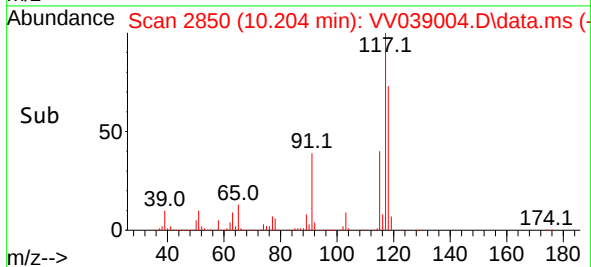
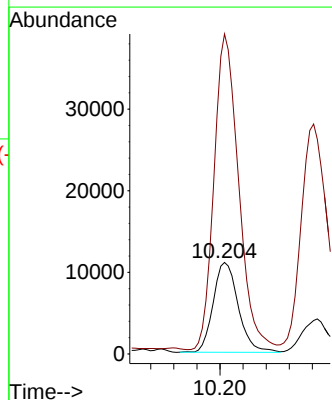
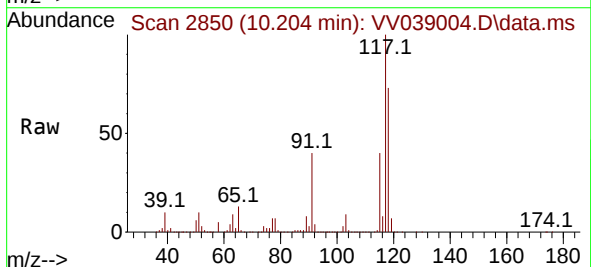


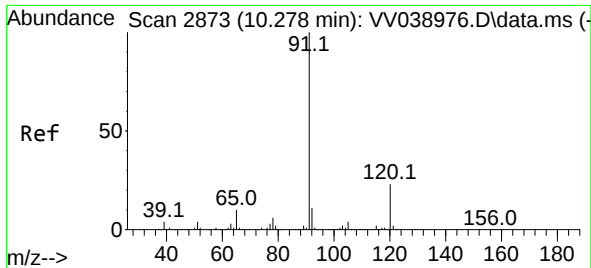
Tgt Ion: 43 Resp: 98439
Ion Ratio Lower Upper
43 100
70 3.0 38.3 57.5#
55 0.0 21.6 32.4#
61 2444.4 21.4 32.2#



#76
1,2,3-Trichloropropane
Concen: 2.011 ug/l
RT: 10.204 min Scan# 2850
Delta R.T. 0.006 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 75 Resp: 16519
Ion Ratio Lower Upper
75 100
77 345.8 11.3 33.8#

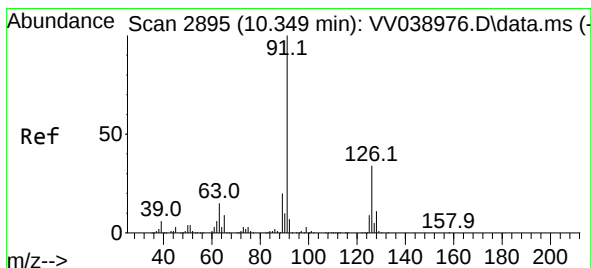
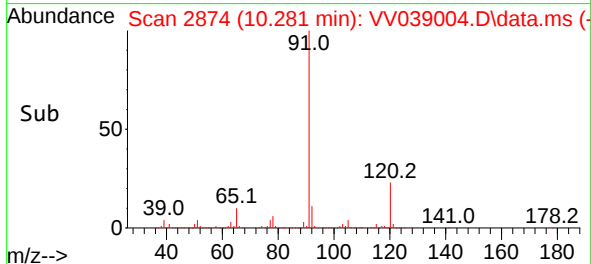
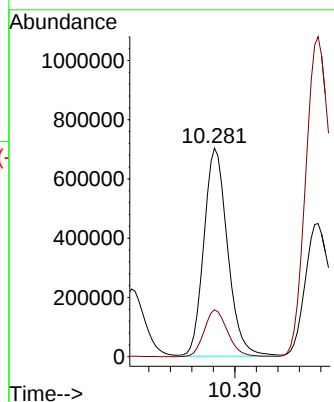
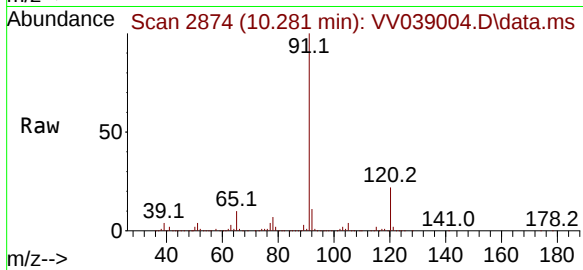




#78
n-propylbenzene
Concen: 30.377 ug/l
RT: 10.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

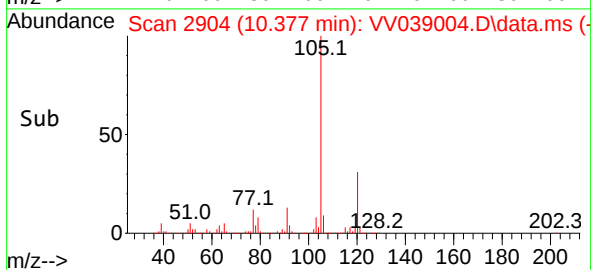
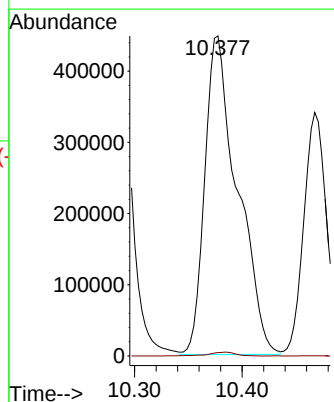
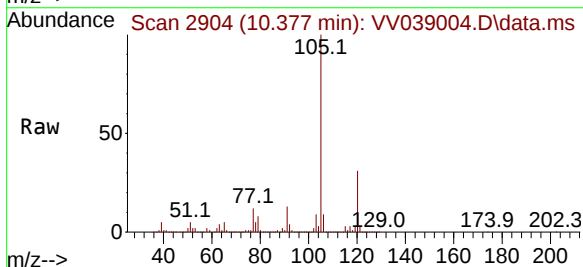
Instrument :
MSVOA_V
ClientSampleId :

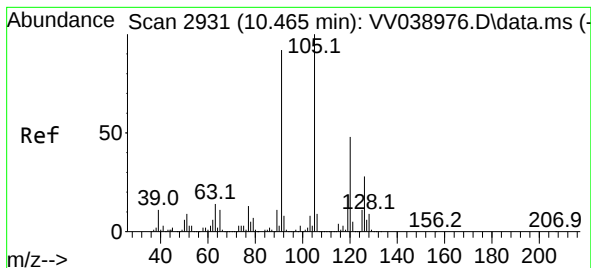
Tgt Ion: 91 Resp: 1077764
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4



#79
2-Chlorotoluene
Concen: 44.345 ug/l
RT: 10.377 min Scan# 2904
Delta R.T. 0.029 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 91 Resp: 944650
Ion Ratio Lower Upper
91 100
126 1.0 17.1 51.2#





#80

1,3,5-Trimethylbenzene

Concen: 186.995 ug/l

RT: 10.468 min Scan# 2931

Delta R.T. 0.003 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

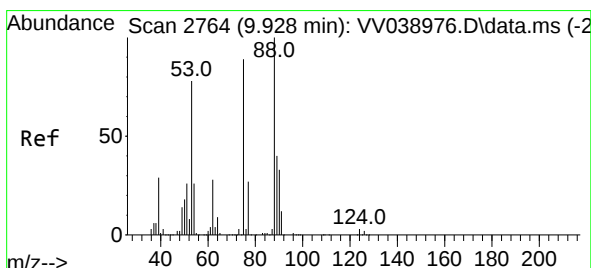
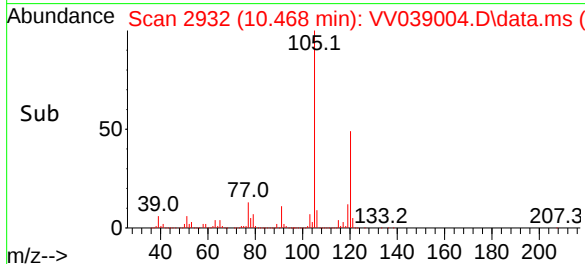
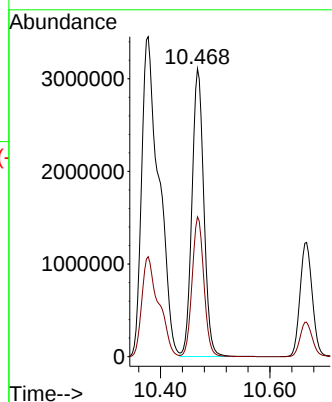
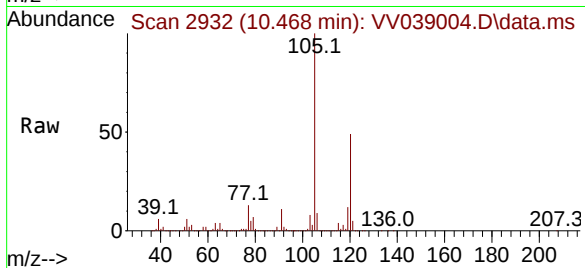
ClientSampleId :

Tgt Ion:105 Resp: 4676312

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 61.733 ug/l

RT: 10.005 min Scan# 2788

Delta R.T. 0.077 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

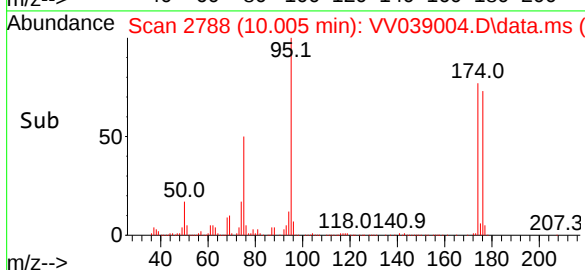
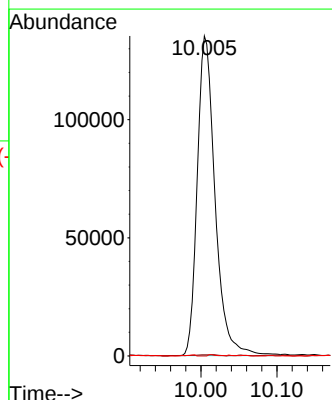
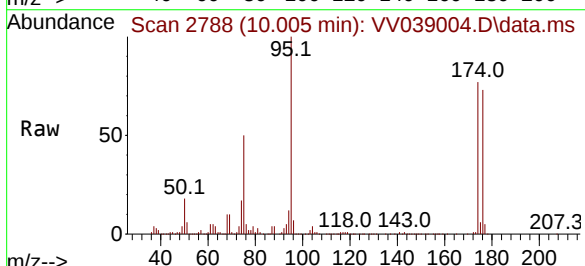
Tgt Ion: 75 Resp: 220866

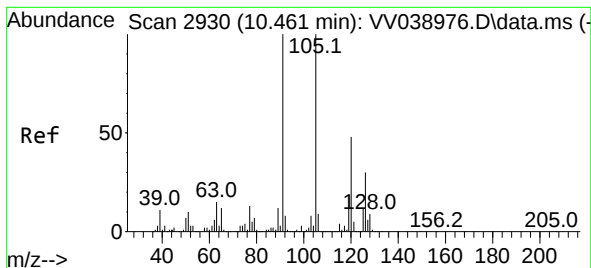
Ion Ratio Lower Upper

75 100

53 0.5 70.3 105.5#

89 0.0 37.9 56.9#





#82

4-Chlorotoluene

Concen: 18.028 ug/l

RT: 10.696 min Scan# 3050

Delta R.T. 0.235 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

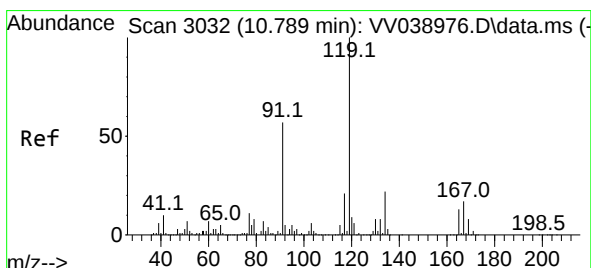
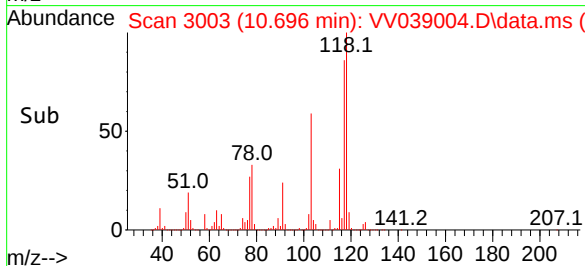
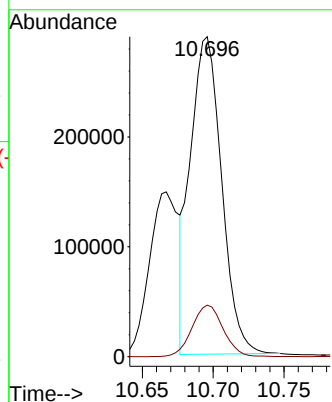
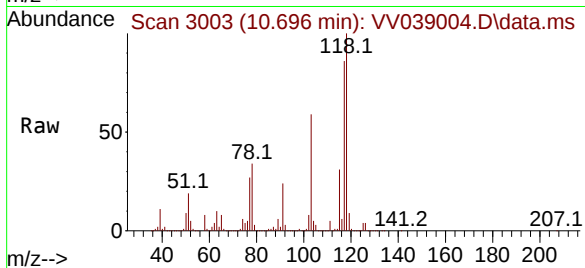
ClientSampleId :

Tgt Ion: 91 Resp: 442618

Ion Ratio Lower Upper

91 100

126 16.3 14.9 44.5



#83

tert-Butylbenzene

Concen: 93.946 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.058 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

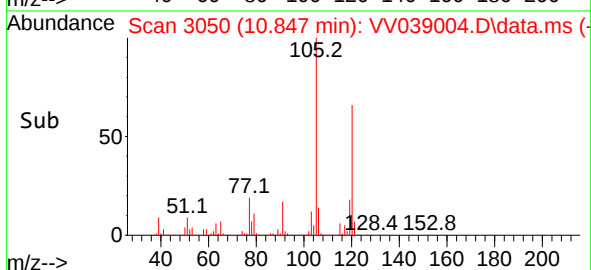
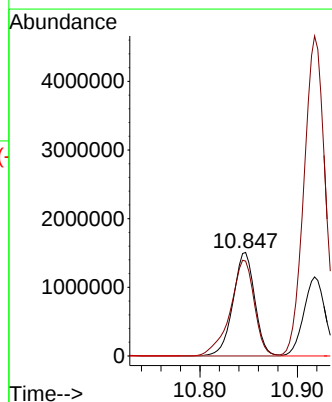
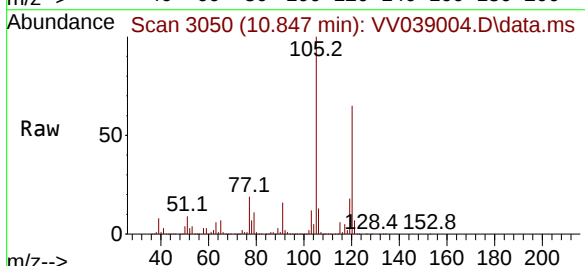
Tgt Ion: 119 Resp: 2332828

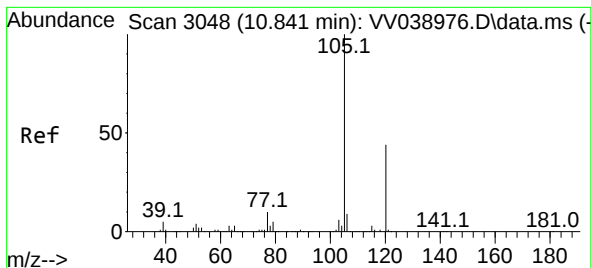
Ion Ratio Lower Upper

119 100

91 101.9 28.4 85.3#

134 0.0 11.2 33.6#





#84

1,2,4-Trimethylbenzene

Concen: 662.178 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

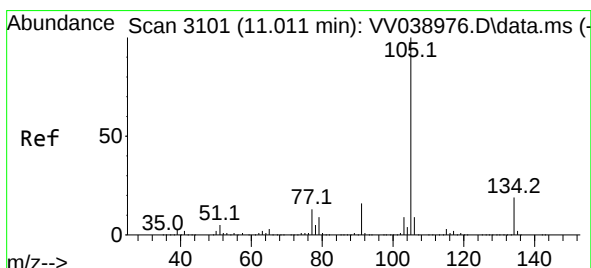
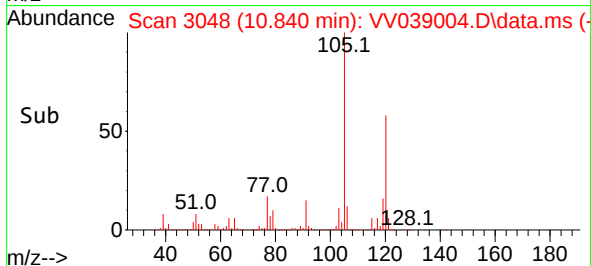
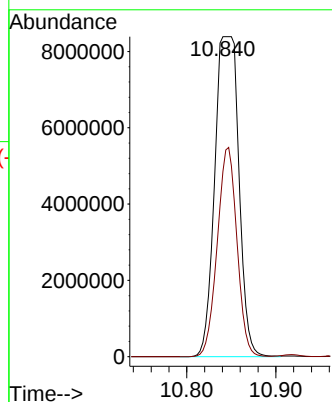
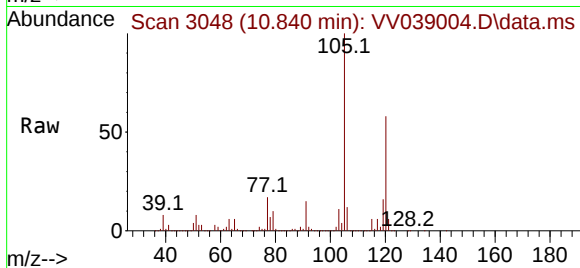
ClientSampleId :

Tgt Ion:105 Resp:15846996

Ion Ratio Lower Upper

105 100

120 53.1 22.8 68.3



#85

sec-Butylbenzene

Concen: 490.708 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. -0.171 min

Lab File: VV039004.D

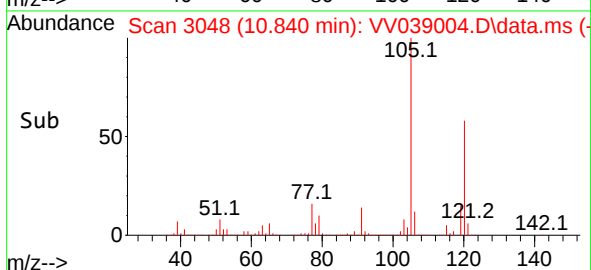
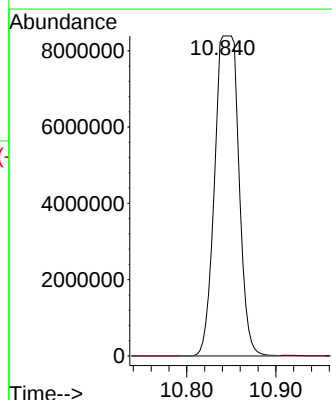
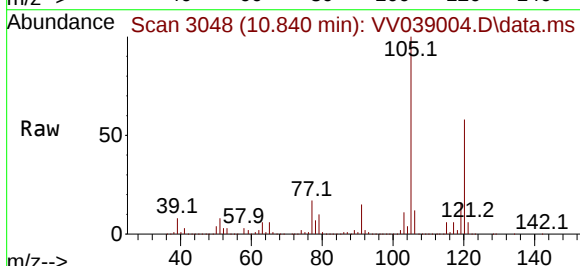
Acq: 21 Aug 2025 23:59

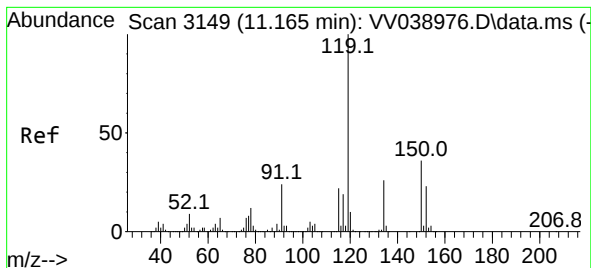
Tgt Ion:105 Resp:15846996

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#

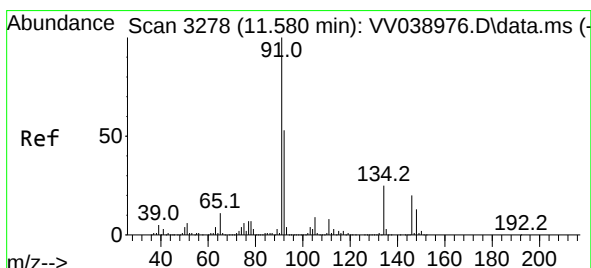
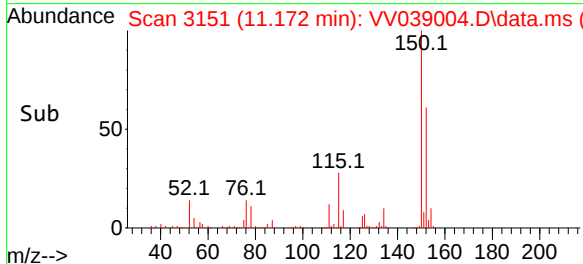
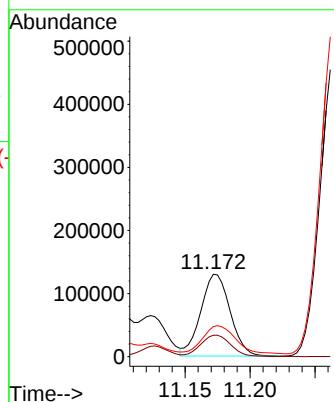
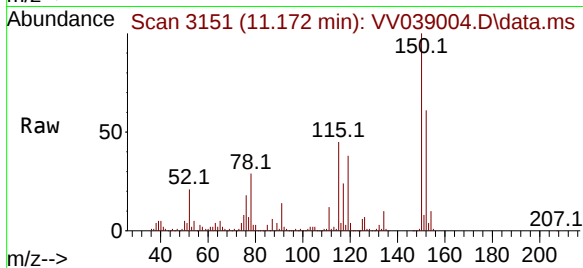




#86
p-Isopropyltoluene
Concen: 7.491 ug/l
RT: 11.172 min Scan# 3149
Delta R.T. 0.006 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

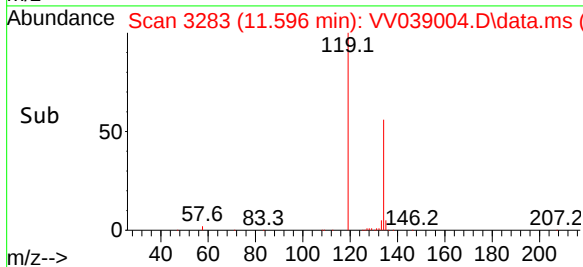
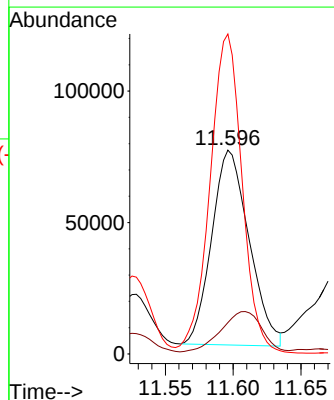
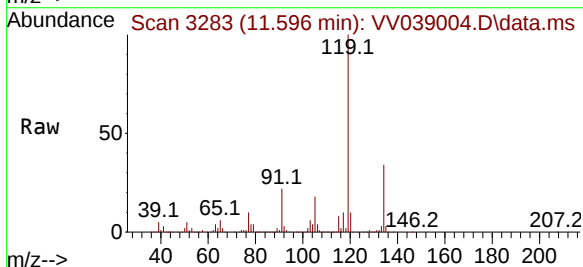
Instrument :
MSVOA_V
ClientSampleId :

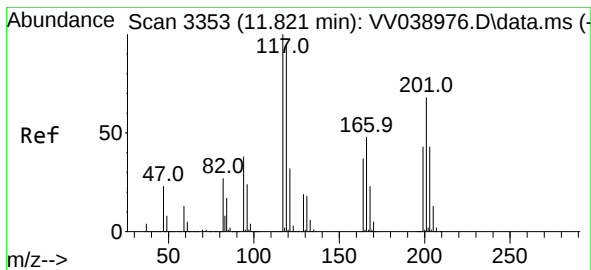
Tgt Ion:119 Resp: 203732
Ion Ratio Lower Upper
119 100
134 26.6 13.0 38.9
91 0.0 12.4 37.0#



#89
n-Butylbenzene
Concen: 5.357 ug/l
RT: 11.596 min Scan# 3283
Delta R.T. 0.016 min
Lab File: VV039004.D
Acq: 21 Aug 2025 23:59

Tgt Ion: 91 Resp: 141928
Ion Ratio Lower Upper
91 100
92 22.4 26.5 79.5#
134 140.8 12.6 37.8#





#90

Hexachloroethane

Concen: 3189.305 ug/l

RT: 11.709 min Scan# 31

Delta R.T. -0.113 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Instrument :

MSVOA_V

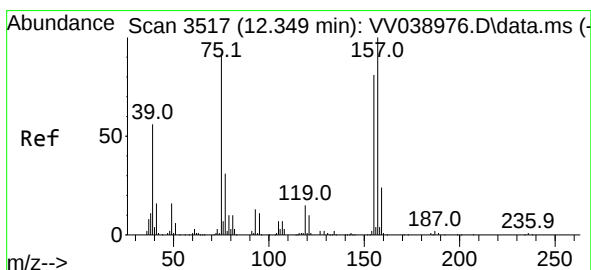
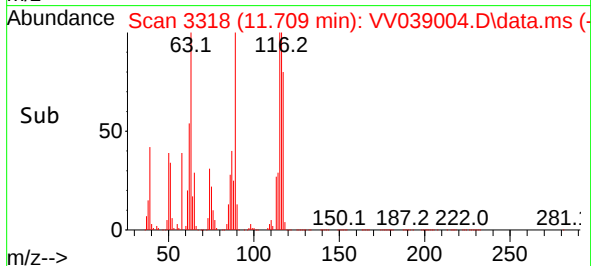
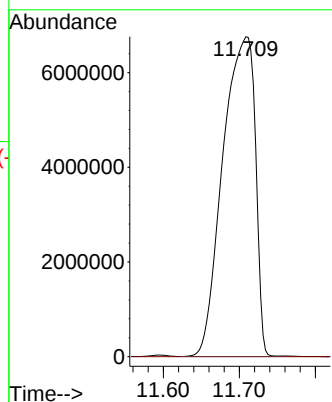
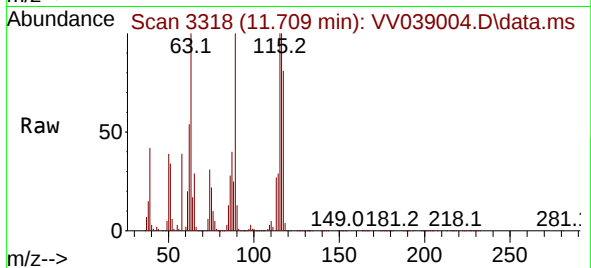
ClientSampleId :

Tgt Ion:117 Resp:20045484

Ion Ratio Lower Upper

117 100

201 0.0 33.7 101.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.465 ug/l

RT: 12.339 min Scan# 3514

Delta R.T. -0.010 min

Lab File: VV039004.D

Acq: 21 Aug 2025 23:59

Tgt Ion: 75 Resp: 3362

Ion Ratio Lower Upper

75 100

155 0.0 43.7 131.1#

157 0.0 54.1 162.3#

