

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038903.D
 Acq On : 16 Jul 2025 12:13
 Operator : SY/MD
 Sample : VV0716WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

Quant Time: Jul 17 06:13:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	493234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	861013	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	763030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	308468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	339071	56.264	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.520%
35) Dibromofluoromethane	4.503	113	287273	48.936	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	97.880%
50) Toluene-d8	7.236	98	916226	51.634	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	103.260%
62) 4-Bromofluorobenzene	10.002	95	321571	44.987	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.980%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	400	0.085	ug/l	91
4) Vinyl Chloride	1.304	62	61	0.011	ug/l #	42
5) Bromomethane	1.500	94	1173	0.292	ug/l #	60
6) Chloroethane	1.561	64	109	0.030	ug/l #	55
7) Trichlorofluoromethane	1.680	101	22	0.002	ug/l #	18
8) Diethyl Ether	2.057	74	83	0.024	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	78	0.014	ug/l #	19
10) Methyl Iodide	2.195	142	784	0.121	ug/l #	97
11) Tert butyl alcohol	2.577	59	239	0.172	ug/l #	94
12) 1,1-Dichloroethene	2.082	96	104	0.020	ug/l #	70
13) Acrolein	2.011	56	98	0.488	ug/l #	55
14) Allyl chloride	2.330	41	50	0.006	ug/l #	26
15) Acrylonitrile	2.680	53	290	0.082	ug/l #	29
16) Acetone	2.124	43	900	0.345	ug/l #	87
17) Carbon Disulfide	2.256	76	1301	0.121	ug/l #	21
18) Methyl Acetate	2.388	43	470	0.053	ug/l #	49
19) Methyl tert-butyl Ether	2.709	73	173	0.009	ug/l #	56
20) Methylene Chloride	2.452	84	1003	0.152	ug/l #	75
21) trans-1,2-Dichloroethene	2.696	96	177	0.032	ug/l #	32
22) Diisopropyl ether	3.230	45	296	0.018	ug/l #	1
23) Vinyl Acetate	3.198	43	168	0.013	ug/l #	69
24) 1,1-Dichloroethane	3.127	63	312	0.029	ug/l #	81
25) 2-Butanone	3.870	43	157	0.042	ug/l #	45
26) 2,2-Dichloropropane	3.828	77	92	0.010	ug/l #	53
27) cis-1,2-Dichloroethene	3.851	96	51	0.008	ug/l #	1
28) Bromochloromethane	4.166	49	84	0.020	ug/l #	8
29) Tetrahydrofuran	4.249	42	72	0.029	ug/l #	27
30) Chloroform	4.298	83	268	0.023	ug/l #	17
31) Cyclohexane	4.600	56	10663	1.509	ug/l #	1
32) 1,1,1-Trichloroethane	4.516	97	49	0.005	ug/l #	25
36) 1,1-Dichloropropene	4.597	75	41184	6.104	ug/l #	46
37) Ethyl Acetate	3.976	43	69	0.009	ug/l #	68
38) Carbon Tetrachloride	4.603	117	48315	5.391	ug/l #	18
39) Methylcyclohexane	6.056	83	20	0.003	ug/l #	46
40) Benzene	5.021	78	256	0.011	ug/l #	52
41) Methacrylonitrile	4.156	41	19	0.005	ug/l #	16

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 ALS Vial : 5 Sample Multiplier: 1

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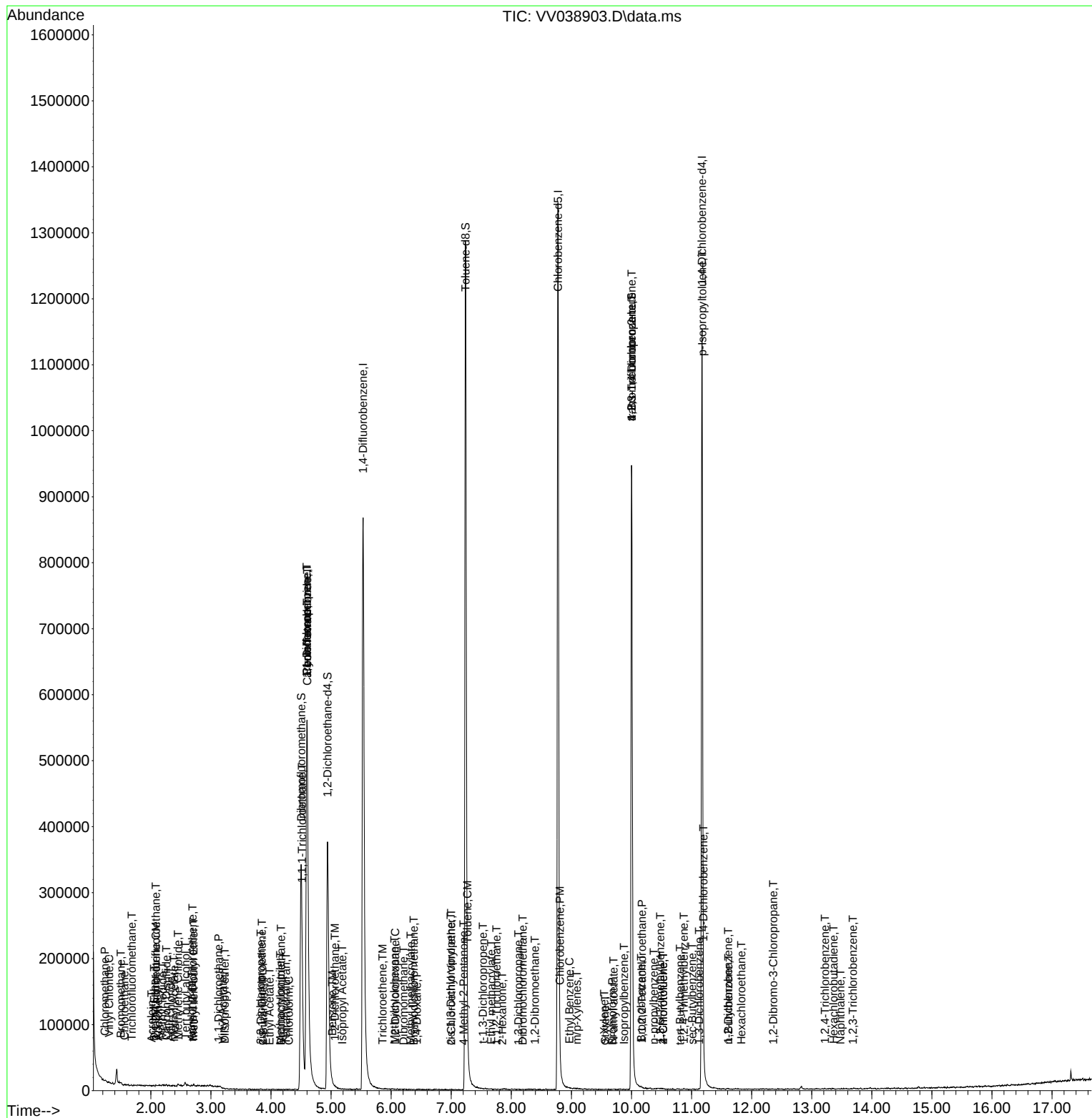
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

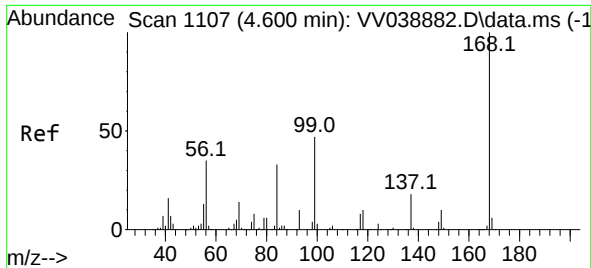
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.063	62	389	0.045	ug/l	94
43) Isopropyl Acetate	5.188	43	39	0.003	ug/l #	58
44) Trichloroethene	5.857	130	48	0.008	ug/l	2
45) 1,2-Dichloropropane	6.066	63	96	0.016	ug/l #	44
46) Dibromomethane	6.204	93	51	0.011	ug/l #	5
47) Bromodichloromethane	6.378	83	21	0.002	ug/l #	25
48) Methyl methacrylate	6.326	41	48	0.009	ug/l #	28
49) 1,4-Dioxane	6.429	88	23	0.196	ug/l #	1
51) 4-Methyl-2-Pentanone	7.204	43	157	0.018	ug/l #	33
52) Toluene	7.269	92	43	0.003	ug/l	89
53) t-1,3-Dichloropropene	7.526	75	20	0.002	ug/l #	42
54) cis-1,3-Dichloropropene	6.992	75	89	0.009	ug/l #	38
55) 1,1,2-Trichloroethane	7.754	97	71	0.010	ug/l #	16
56) Ethyl methacrylate	7.664	69	45	0.005	ug/l #	1
57) 1,3-Dichloropropane	8.117	76	20	0.002	ug/l #	41
58) 2-Chloroethyl Vinyl ether	6.998	63	127	0.026	ug/l	90
59) 2-Hexanone	7.847	43	81	0.013	ug/l	79
60) Dibromochloromethane	8.191	129	47	0.006	ug/l #	10
61) 1,2-Dibromoethane	8.391	107	48	0.007	ug/l #	2
65) Chlorobenzene	8.809	112	86	0.005	ug/l #	43
67) Ethyl Benzene	8.969	91	182	0.007	ug/l #	44
68) m/p-Xylenes	9.092	106	40	0.004	ug/l #	1
69) o-Xylene	9.548	106	42	0.005	ug/l	37
70) Styrene	9.561	104	51	0.003	ug/l #	34
71) Bromoform	9.680	173	133	0.025	ug/l #	84
73) Isopropylbenzene	9.876	105	274	0.015	ug/l #	49
74) N-amyl acetate	9.703	43	42	0.006	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	10.175	83	195	0.025	ug/l #	25
76) 1,2,3-Trichloropropane	10.002	75	161370	28.137	ug/l #	42
77) Bromobenzene	10.162	156	140	0.029	ug/l #	25
78) n-propylbenzene	10.371	91	324	0.015	ug/l	80
79) 2-Chlorotoluene	10.526	91	141	0.010	ug/l	97
80) 1,3,5-Trimethylbenzene	10.477	105	180	0.012	ug/l #	29
81) trans-1,4-Dichloro-2-b...	10.002	75	161370	68.662	ug/l #	13
82) 4-Chlorotoluene	10.526	91	141	0.009	ug/l	95
83) tert-Butylbenzene	10.809	119	95	0.006	ug/l #	32
84) 1,2,4-Trimethylbenzene	10.873	105	256	0.017	ug/l #	61
85) sec-Butylbenzene	11.011	105	285	0.014	ug/l #	57
86) p-Isopropyltoluene	11.178	119	803	0.045	ug/l #	1
87) 1,3-Dichlorobenzene	11.127	146	636	0.064	ug/l #	46
88) 1,4-Dichlorobenzene	11.198	146	851	0.079	ug/l #	30
89) n-Butylbenzene	11.616	91	745	0.046	ug/l #	53
90) Hexachloroethane	11.831	117	20	0.005	ug/l #	16
91) 1,2-Dichlorobenzene	11.609	146	233	0.024	ug/l #	45
92) 1,2-Dibromo-3-Chloropr...	12.362	75	41	0.023	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.220	180	160	0.028	ug/l #	44
94) Hexachlorobutadiene	13.365	225	43	0.015	ug/l #	9
95) Naphthalene	13.477	128	77	0.004	ug/l #	27
96) 1,2,3-Trichlorobenzene	13.686	180	111	0.019	ug/l #	13

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

Instrument :
MSVOA_V
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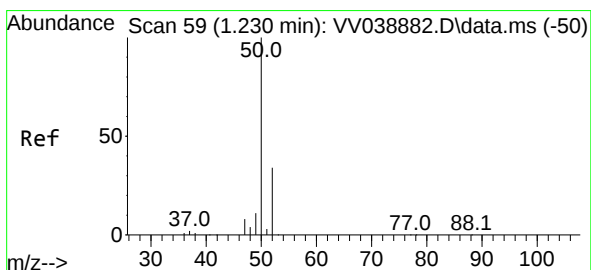
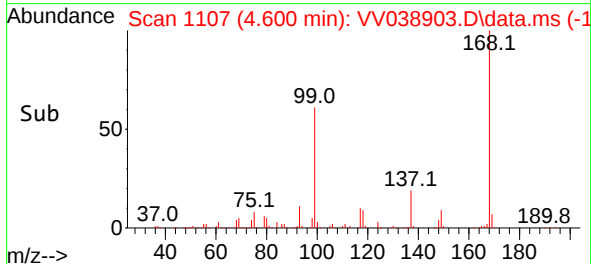
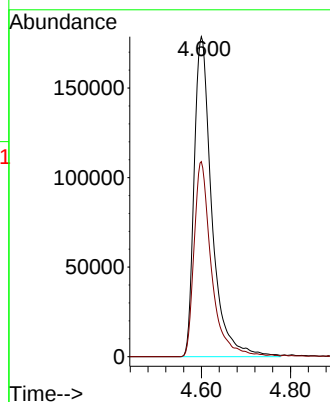
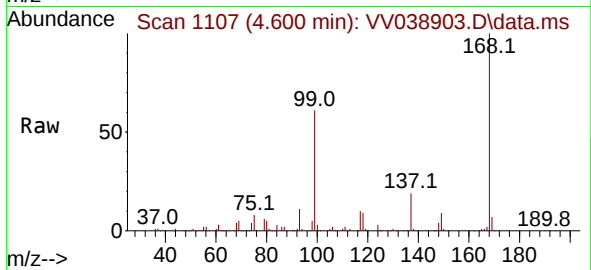




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

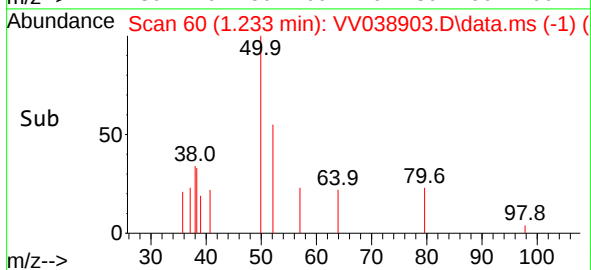
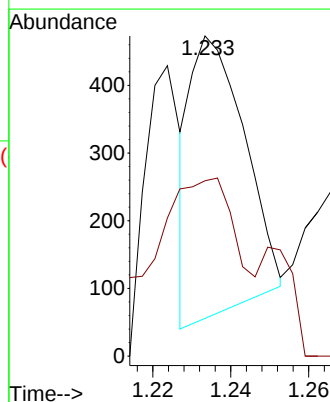
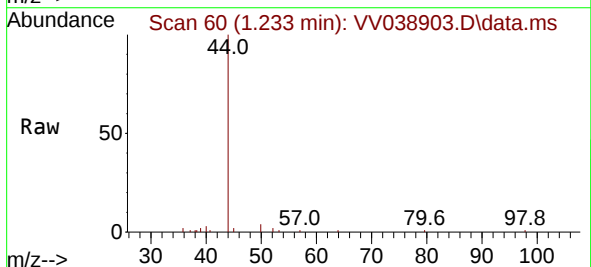
Instrument :
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VV0716WBL02

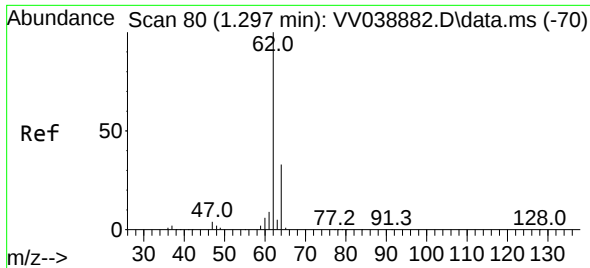
Tgt Ion:168 Resp: 493234
Ion Ratio Lower Upper
168 100
99 60.9 48.6 73.0



#3
Chloromethane
Concen: 0.085 ug/l
RT: 1.233 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 28.6 26.9 40.3

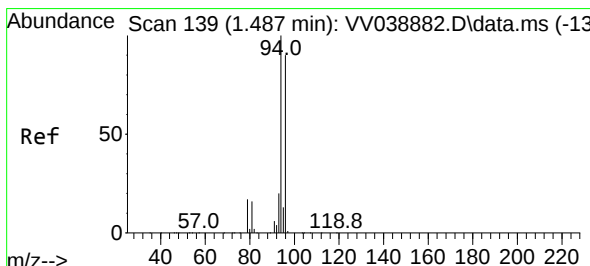
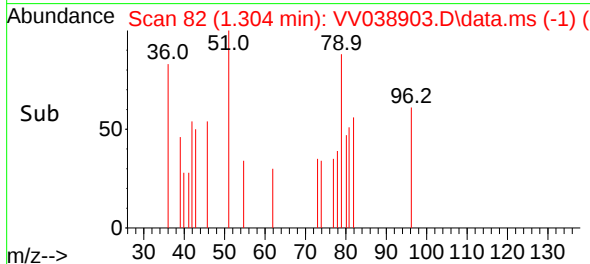
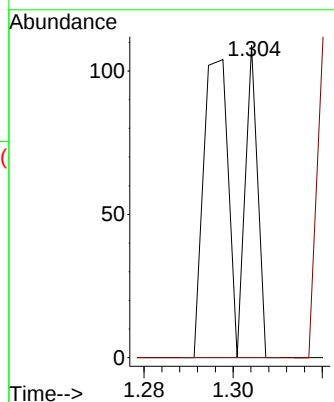
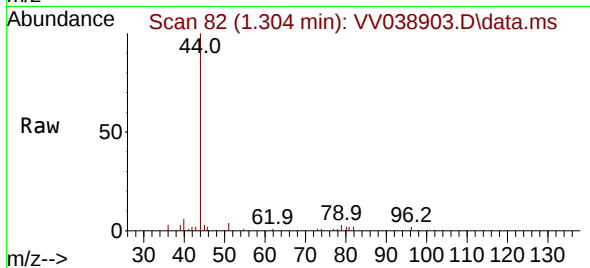




#4
 Vinyl Chloride
 Concen: 0.011 ug/l
 RT: 1.304 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

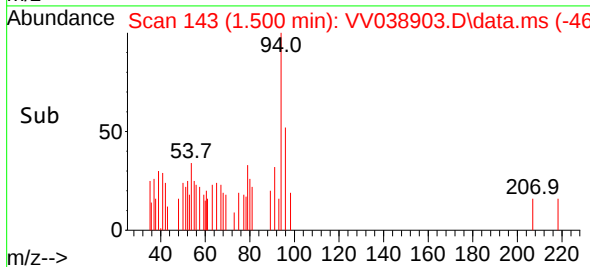
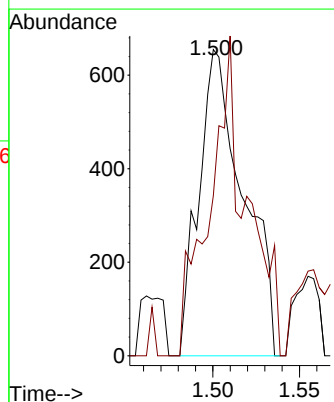
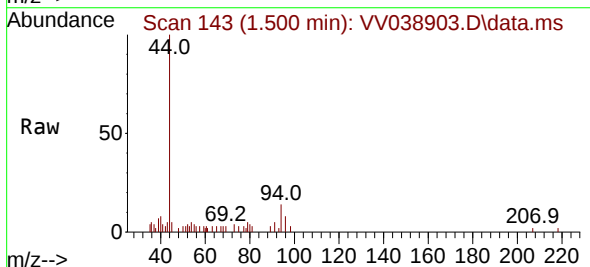
Instrument :
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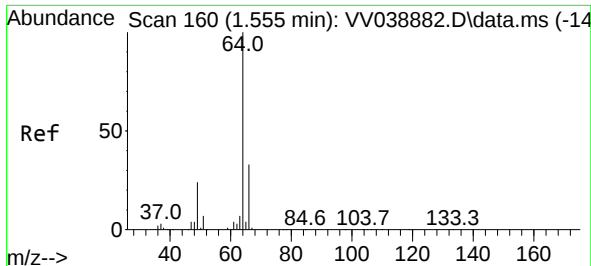
Tgt Ion: 62 Resp: 61
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.2 39.2#



#5
 Bromomethane
 Concen: 0.292 ug/l
 RT: 1.500 min Scan# 143
 Delta R.T. 0.013 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 94 Resp: 1173
 Ion Ratio Lower Upper
 94 100
 96 52.2 71.9 107.9#

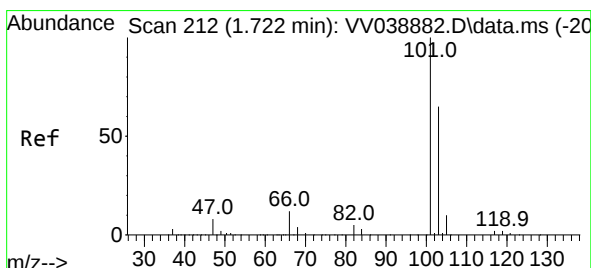
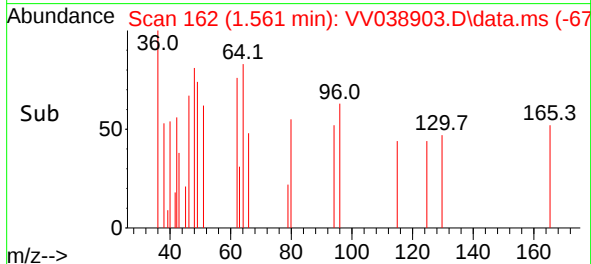
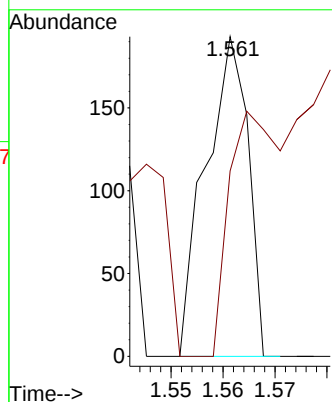
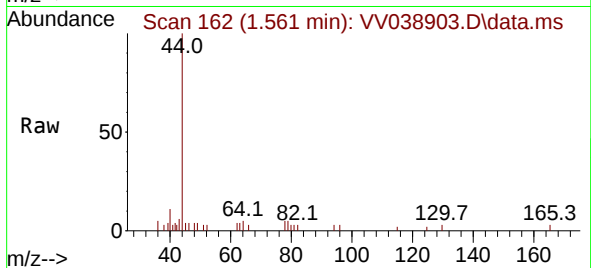




#6
Chloroethane
Concen: 0.030 ug/l
RT: 1.561 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

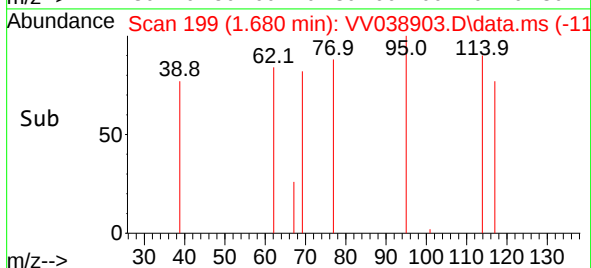
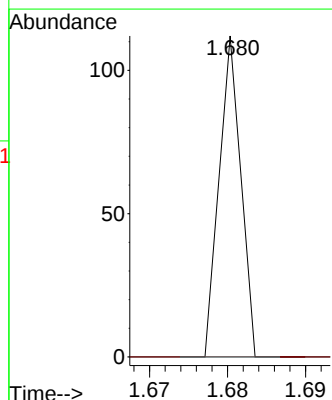
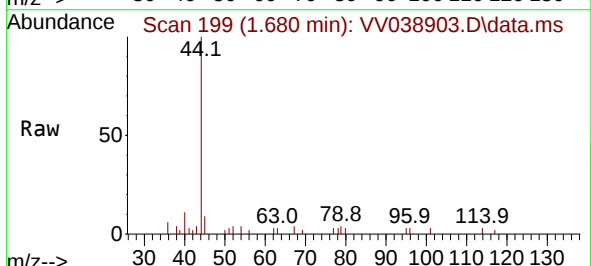
Instrument :
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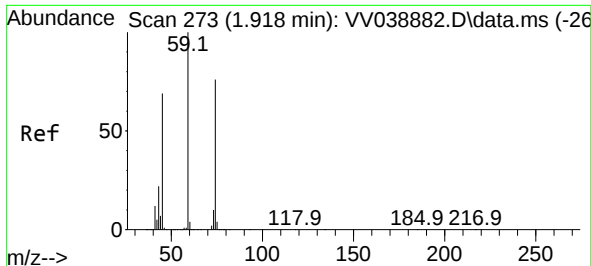
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 58.0 26.2 39.2#



#7
Trichlorofluoromethane
Concen: 0.002 ug/l
RT: 1.680 min Scan# 199
Delta R.T. -0.042 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#

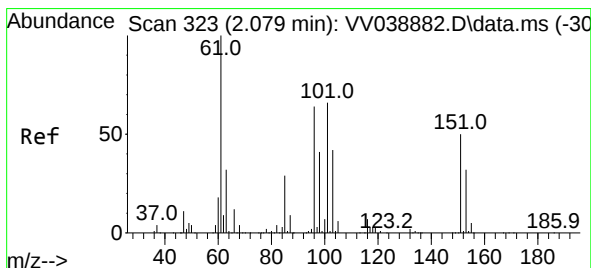
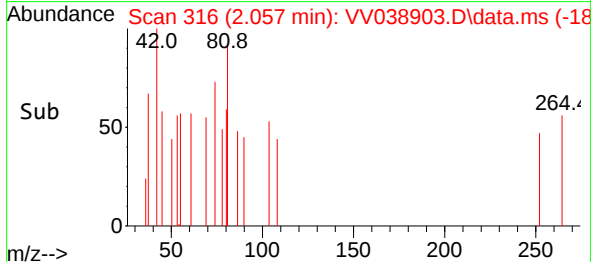
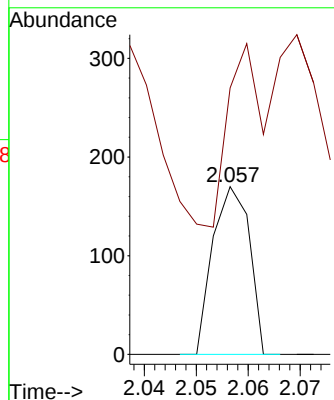
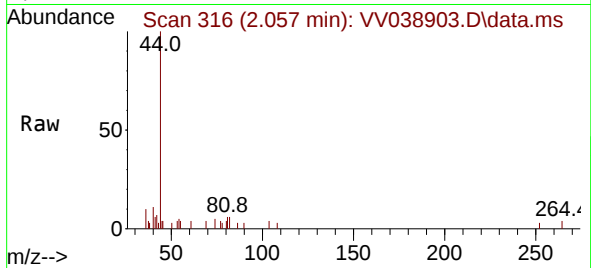




#8
Diethyl Ether
Concen: 0.024 ug/l
RT: 2.057 min Scan# 316
Delta R.T. 0.138 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

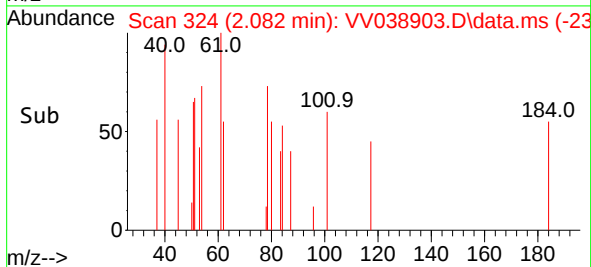
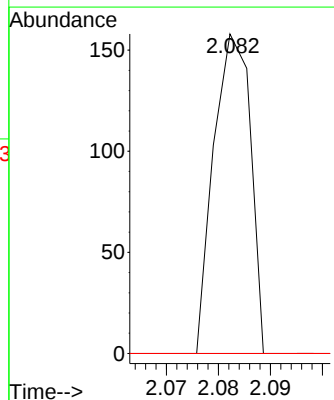
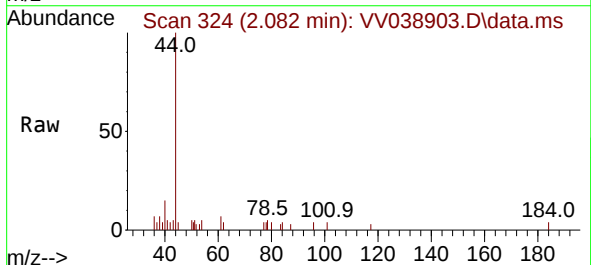
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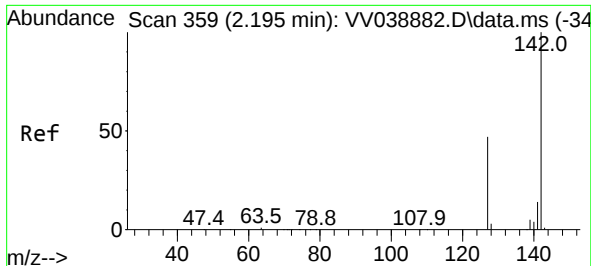
Tgt Ion: 74 Resp: 83
Ion Ratio Lower Upper
74 100
45 97.6 45.5 136.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.014 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

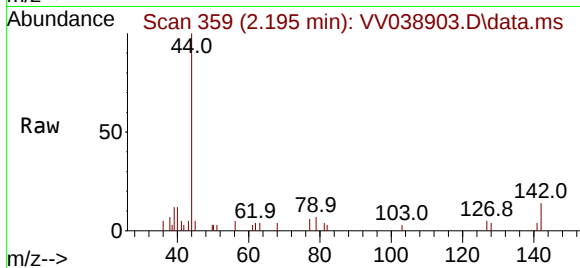
Tgt Ion: 101 Resp: 78
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.6#
151 0.0 60.1 90.1#



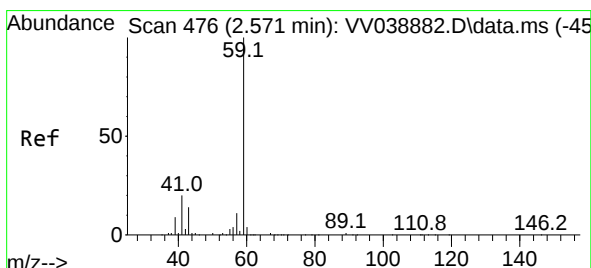
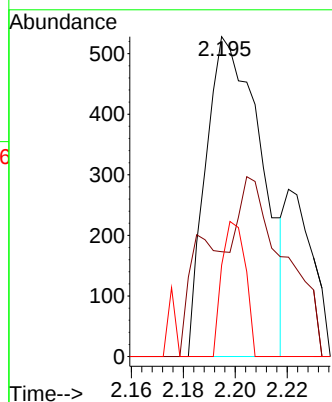
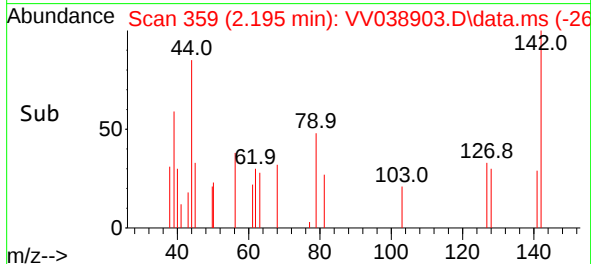


#10
Methyl Iodide
Concen: 0.121 ug/l
RT: 2.195 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Instrument :
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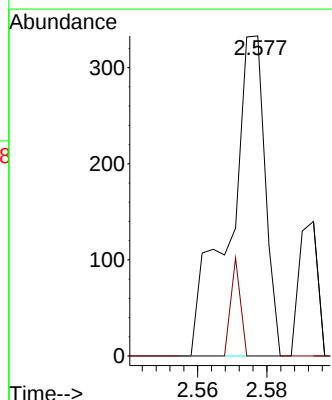
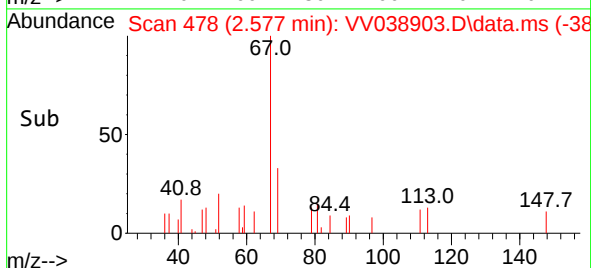
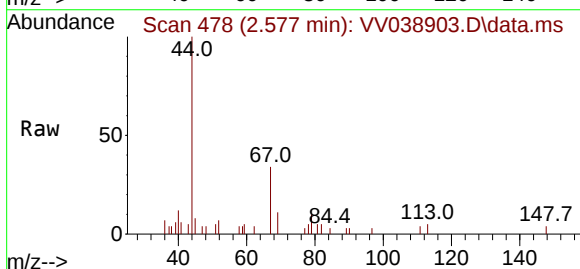


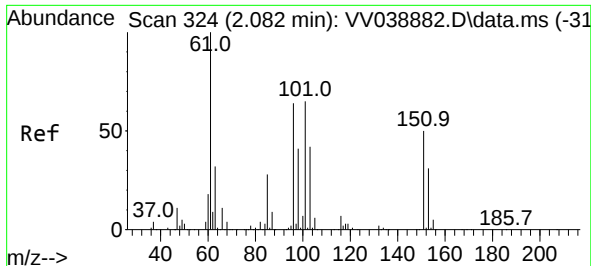
Tgt Ion:142 Resp: 784
Ion Ratio Lower Upper
142 100
127 47.6 37.3 55.9
141 17.9 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.172 ug/l
RT: 2.577 min Scan# 478
Delta R.T. 0.007 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 59 Resp: 239
Ion Ratio Lower Upper
59 100
57 8.4 8.6 12.8#

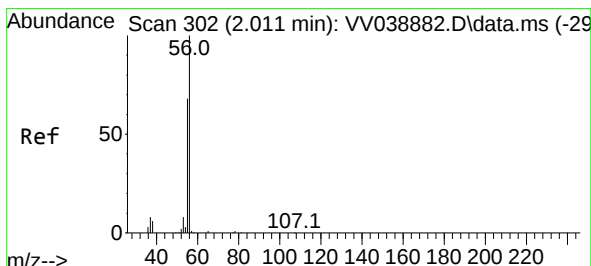
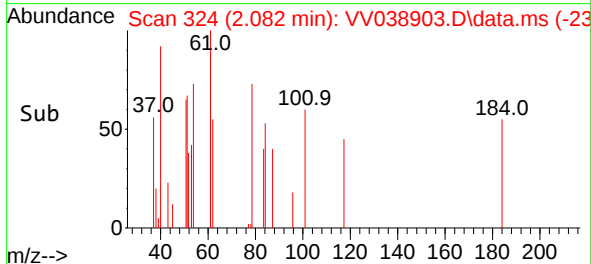
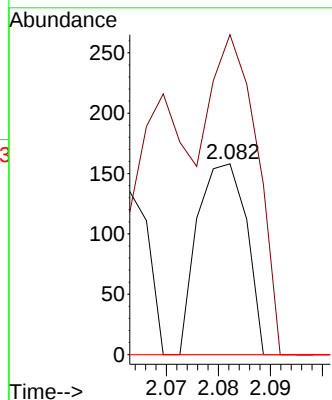
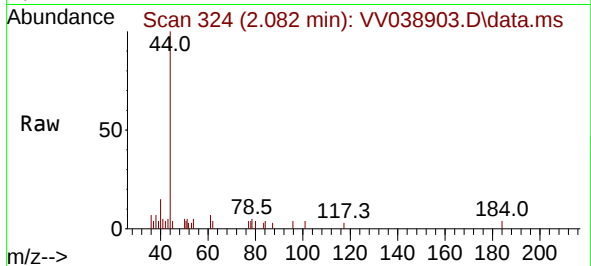




#12
 1,1-Dichloroethene
 Concen: 0.020 ug/l
 RT: 2.082 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

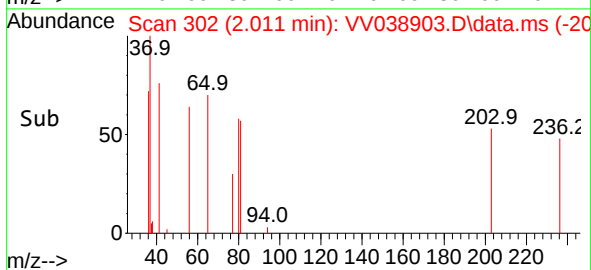
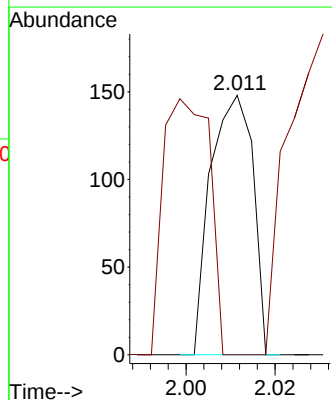
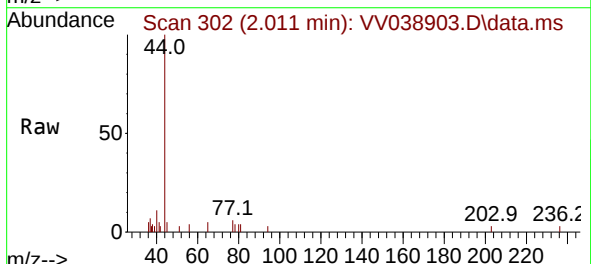
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

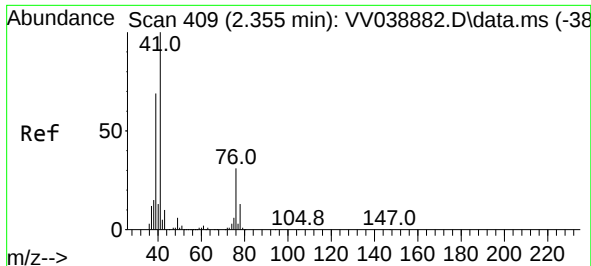
Tgt Ion: 96 Resp: 104
 Ion Ratio Lower Upper
 96 100
 61 167.7 124.1 186.1
 98 0.0 50.6 75.8#



#13
 Acrolein
 Concen: 0.488 ug/l
 RT: 2.011 min Scan# 302
 Delta R.T. 0.000 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 56 Resp: 98
 Ion Ratio Lower Upper
 56 100
 55 108.2 56.7 85.1#

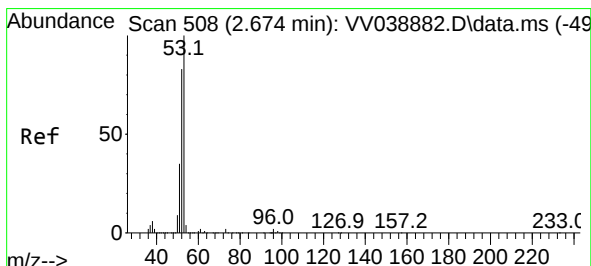
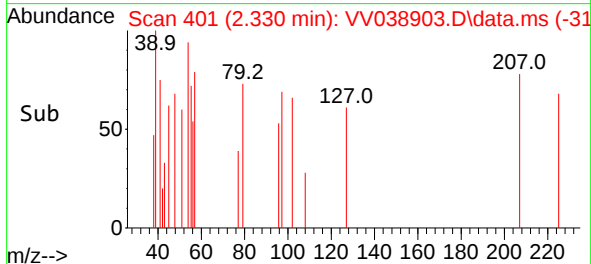
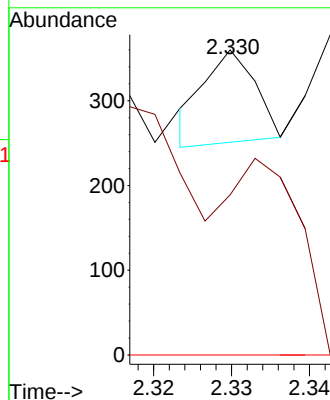
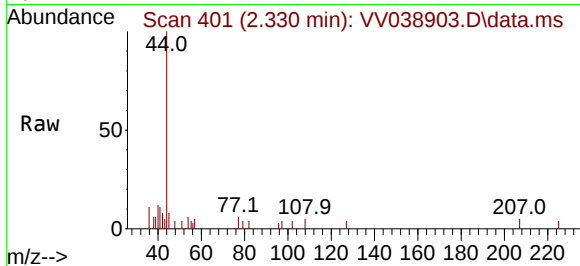




#14
 Allyl chloride
 Concen: 0.006 ug/l
 RT: 2.330 min Scan# 409
 Delta R.T. -0.026 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

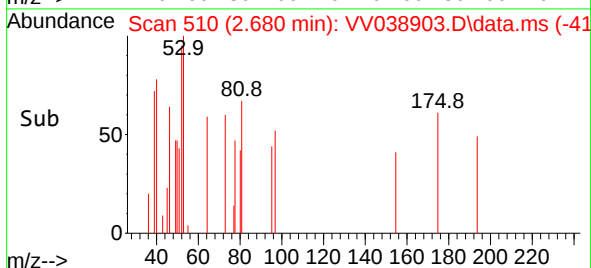
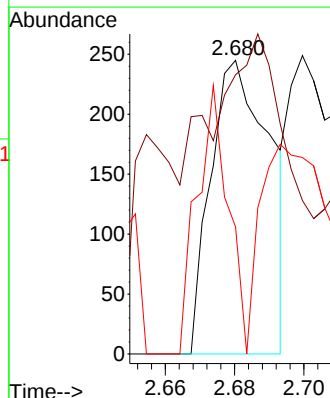
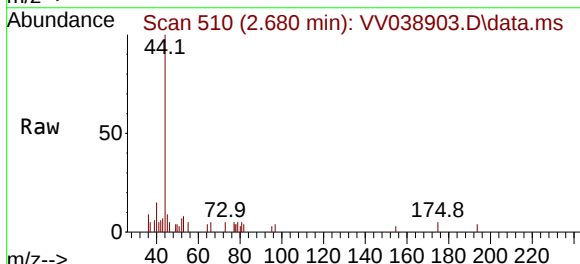
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

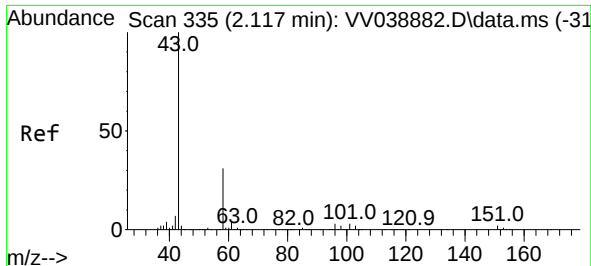
Tgt Ion:	41	Resp:	50
Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.6	76.0#
76	0.0	30.4	45.6#



#15
 Acrylonitrile
 Concen: 0.082 ug/l
 RT: 2.680 min Scan# 510
 Delta R.T. 0.007 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion:	53	Resp:	290
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	47.9	28.7	43.1#

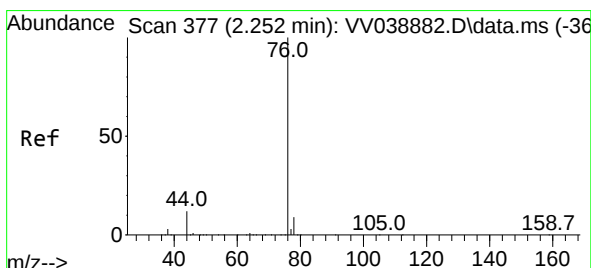
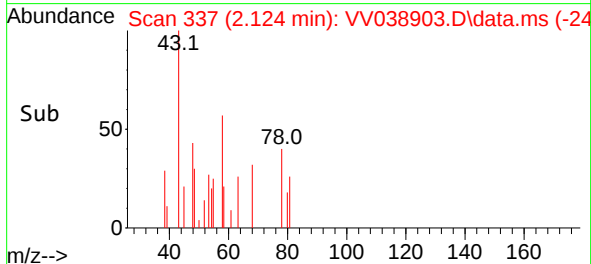
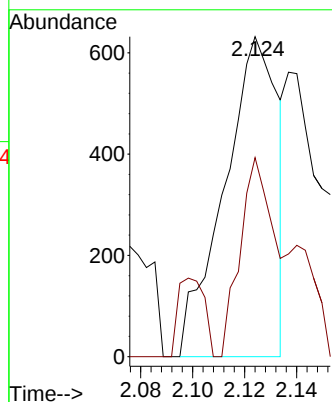
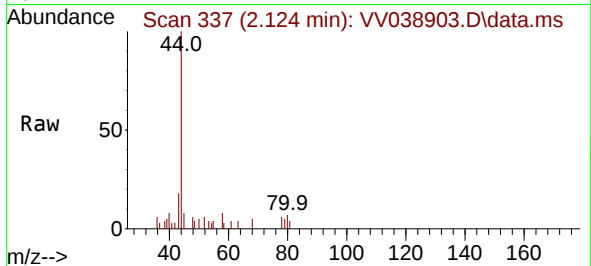




#16
Acetone
Concen: 0.345 ug/l
RT: 2.124 min Scan# 311
Delta R.T. 0.007 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

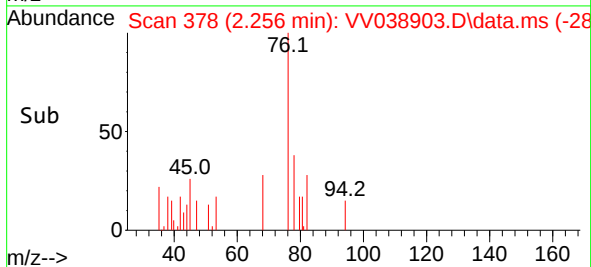
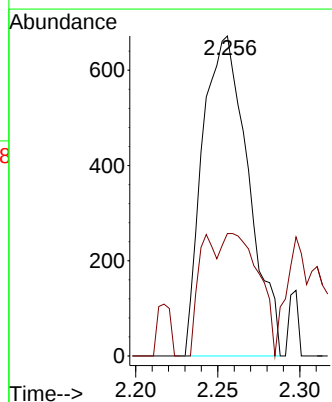
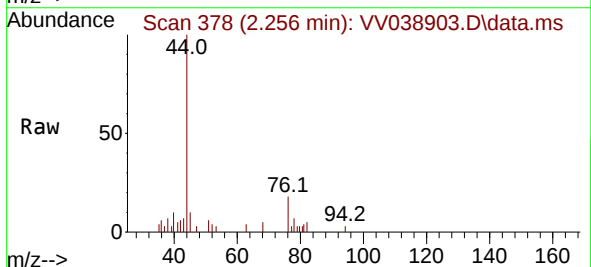
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

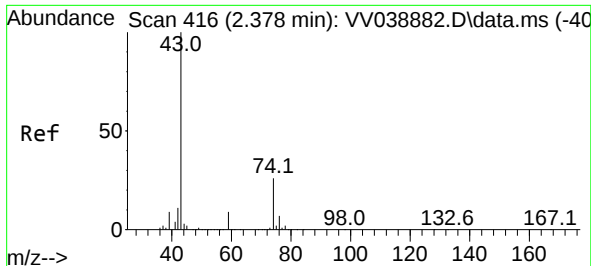
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 39.2 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.121 ug/l
RT: 2.256 min Scan# 378
Delta R.T. 0.004 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 76 Resp: 1301
Ion Ratio Lower Upper
76 100
78 38.2 7.4 11.2#

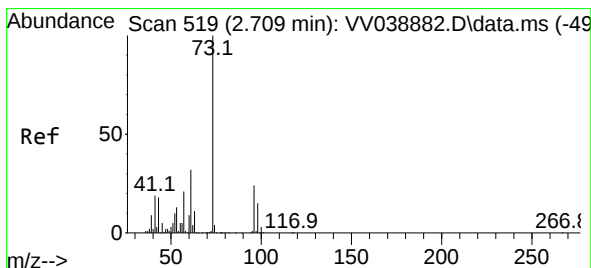
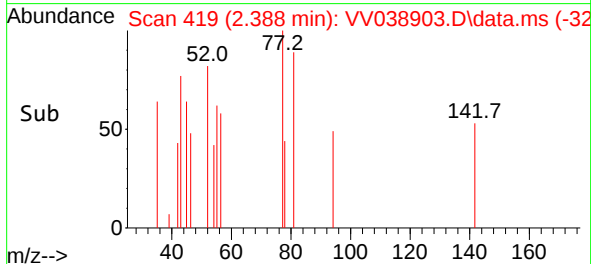
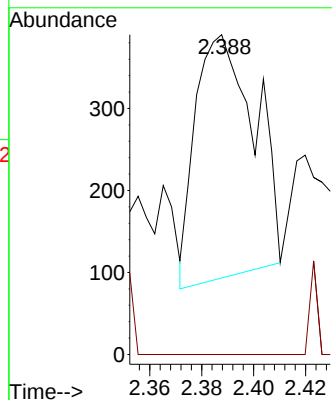
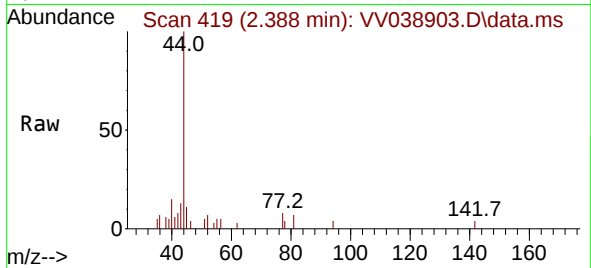




#18
Methyl Acetate
Concen: 0.053 ug/l
RT: 2.388 min Scan# 416
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

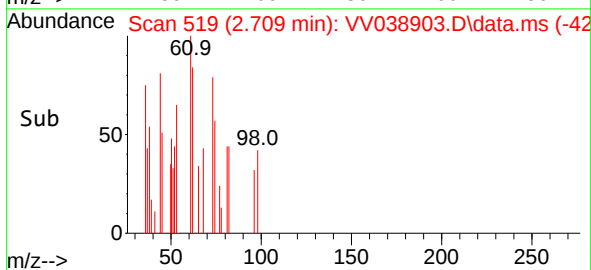
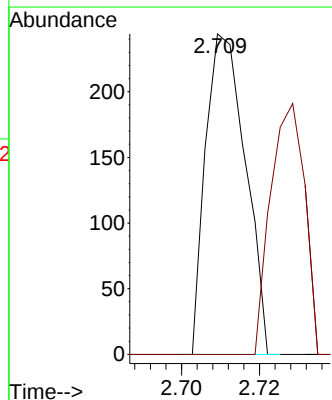
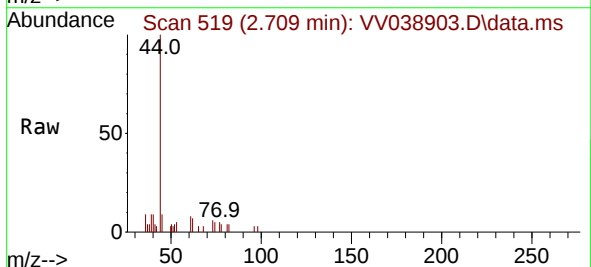
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

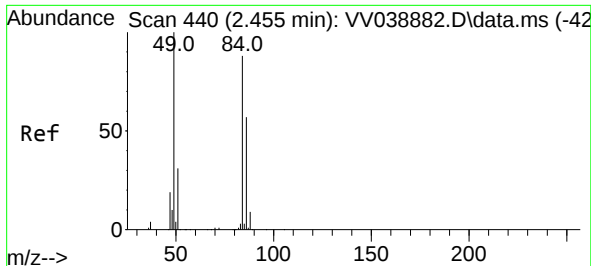
Tgt Ion: 43 Resp: 470
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#19
Methyl tert-butyl Ether
Concen: 0.009 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 73 Resp: 173
Ion Ratio Lower Upper
73 100
57 0.0 16.5 24.7#

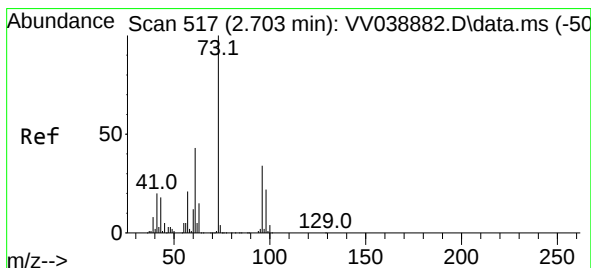
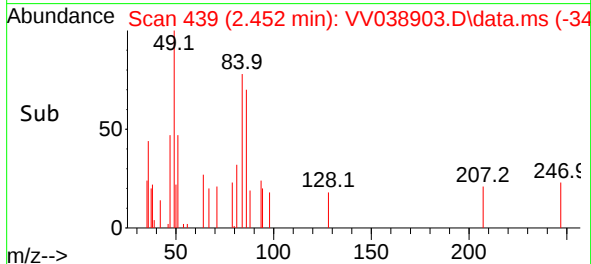
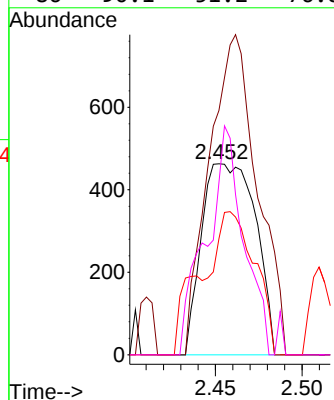
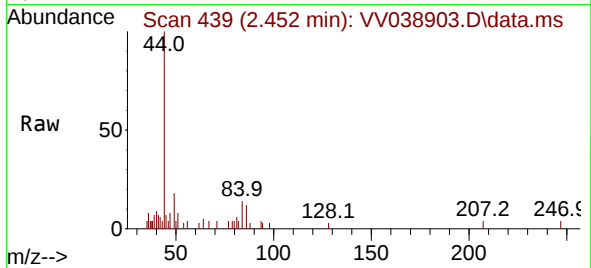




#20
Methylene Chloride
Concen: 0.152 ug/l
RT: 2.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

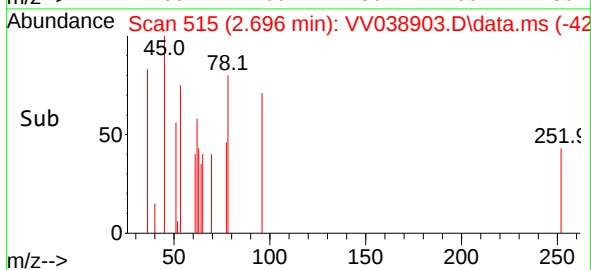
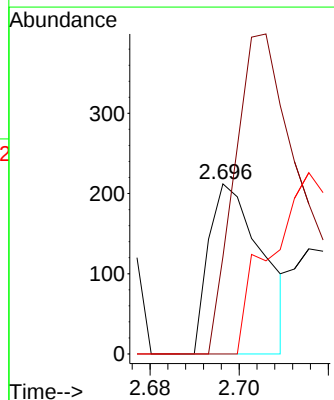
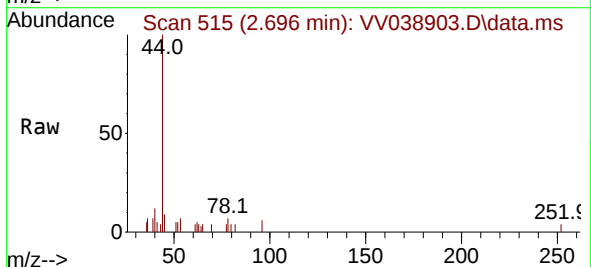
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

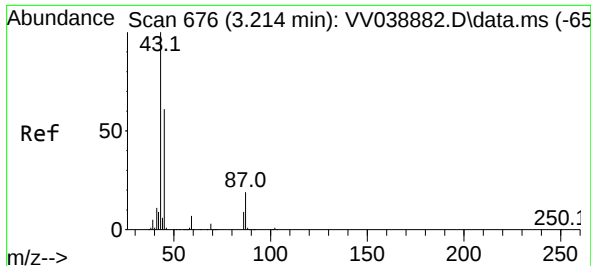
Tgt Ion:	84	Resp:	1003
Ion	Ratio	Lower	Upper
84	100		
49	127.9	90.5	135.7
51	60.7	27.8	41.6#
86	90.1	51.2	76.8#



#21
trans-1,2-Dichloroethene
Concen: 0.032 ug/l
RT: 2.696 min Scan# 515
Delta R.T. -0.006 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:	96	Resp:	177
Ion	Ratio	Lower	Upper
96	100		
61	57.1	102.0	153.0#
98	0.0	51.0	76.6#

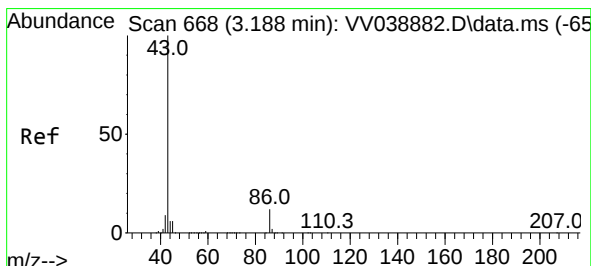
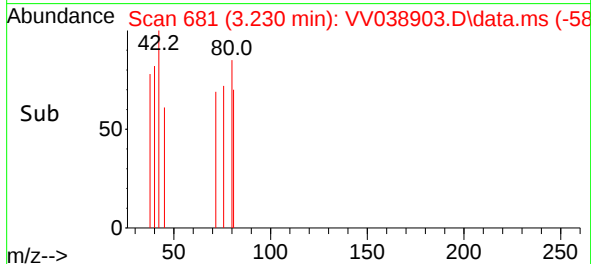
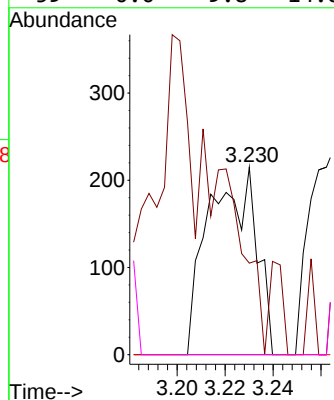
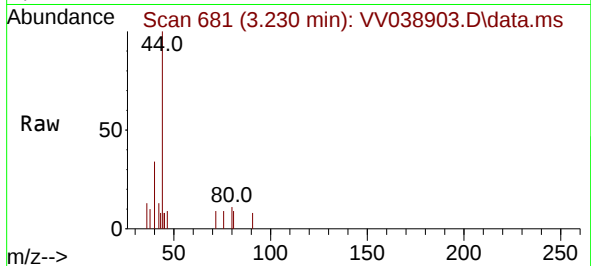




#22
Diisopropyl ether
Concen: 0.018 ug/l
RT: 3.230 min Scan# 61
Delta R.T. 0.016 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

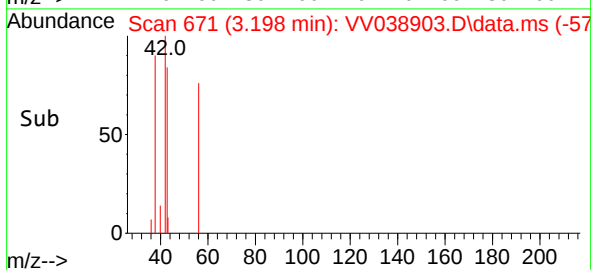
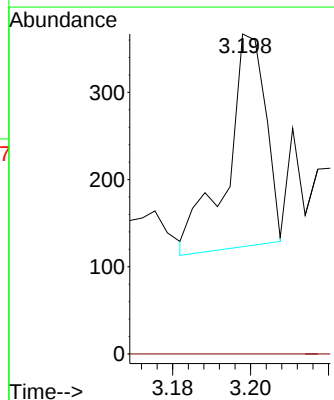
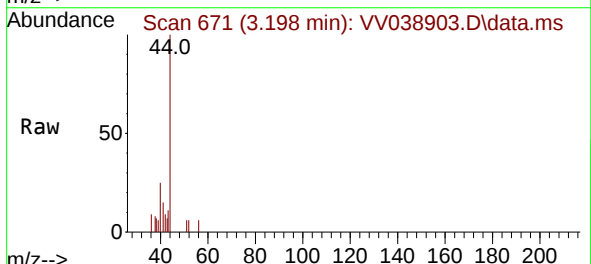
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

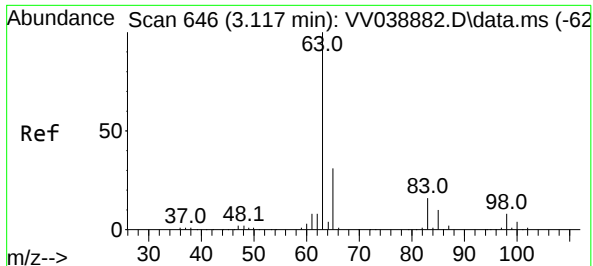
Tgt Ion:	45	Resp:	296
Ion	Ratio	Lower	Upper
45	100		
43	0.9	132.1	198.1#
87	0.0	25.0	37.4#
59	0.0	9.8	14.8#



#23
Vinyl Acetate
Concen: 0.013 ug/l
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:	43	Resp:	168
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.6#

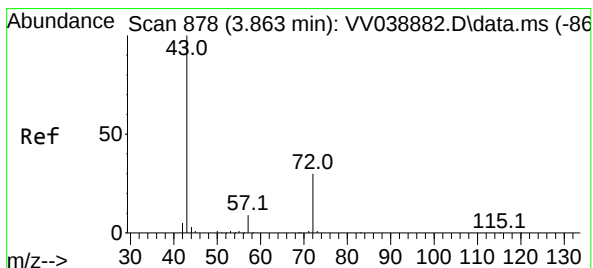
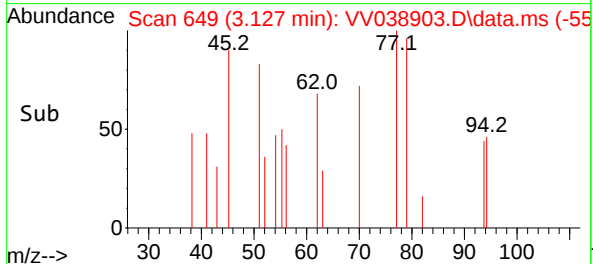
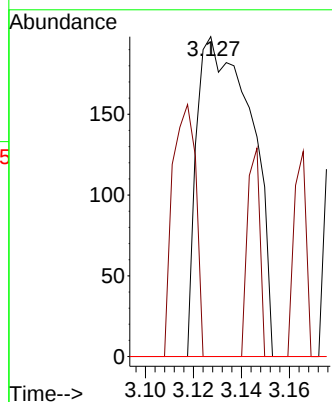
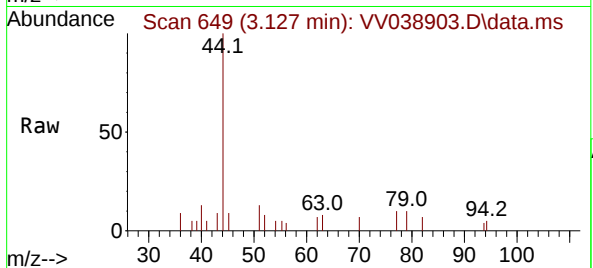




#24
1,1-Dichloroethane
Concen: 0.029 ug/l
RT: 3.127 min Scan# 646
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

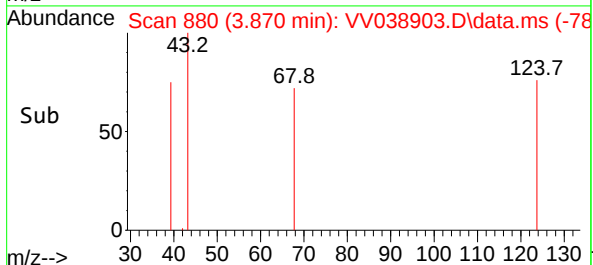
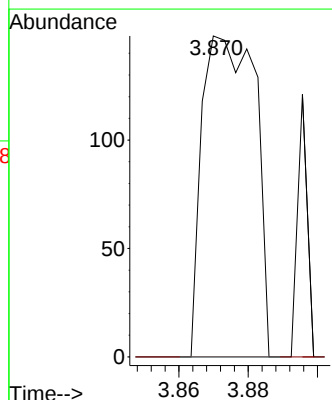
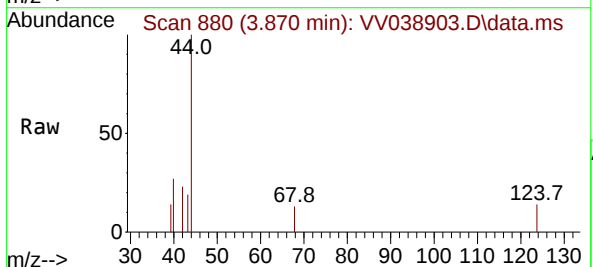
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

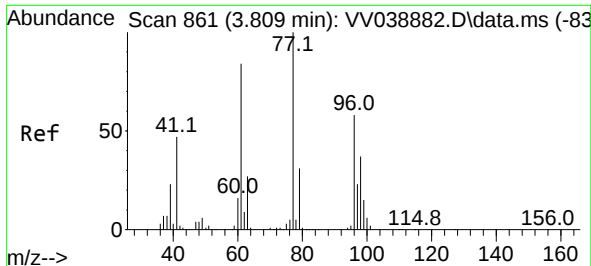
Tgt Ion: 63 Resp: 312
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.2 6.6#



#25
2-Butanone
Concen: 0.042 ug/l
RT: 3.870 min Scan# 880
Delta R.T. 0.007 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#

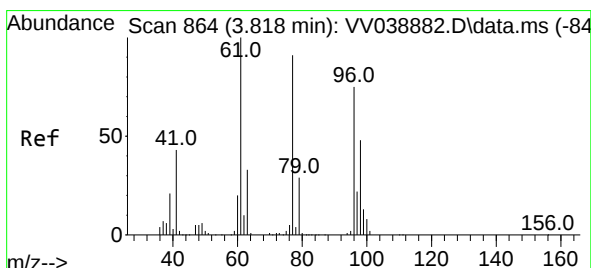
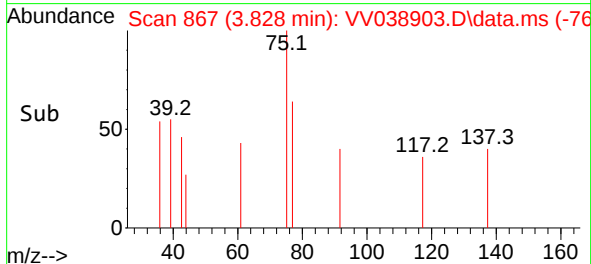
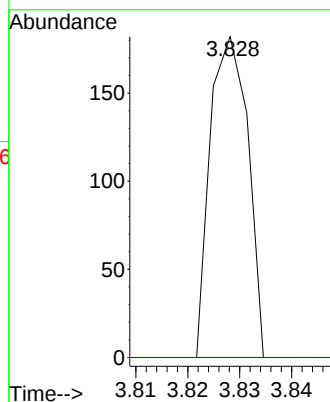
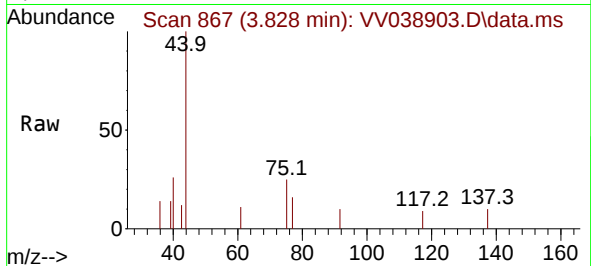




#26
2,2-Dichloropropane
Concen: 0.010 ug/l
RT: 3.828 min Scan# 80
Delta R.T. 0.019 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

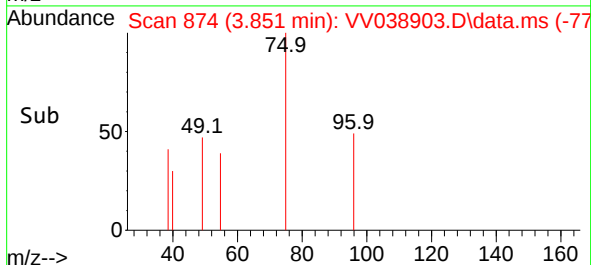
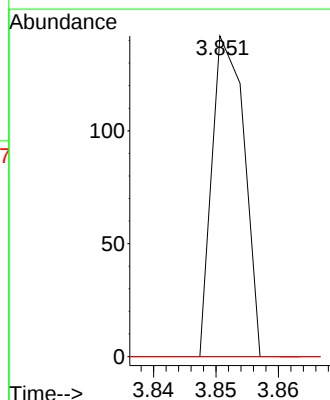
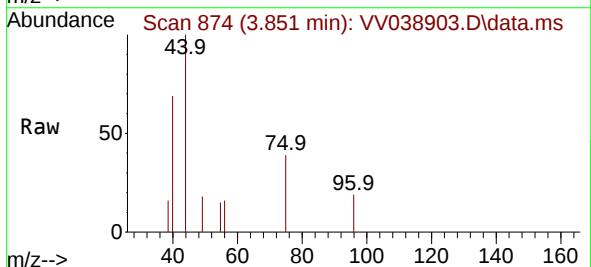
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

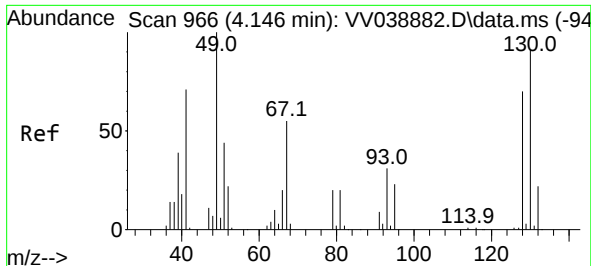
Tgt Ion: 77 Resp: 92
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#27
cis-1,2-Dichloroethene
Concen: 0.008 ug/l
RT: 3.851 min Scan# 874
Delta R.T. 0.032 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 96 Resp: 51
Ion Ratio Lower Upper
96 100
61 0.0 0.0 275.0
98 0.0 0.0 130.0

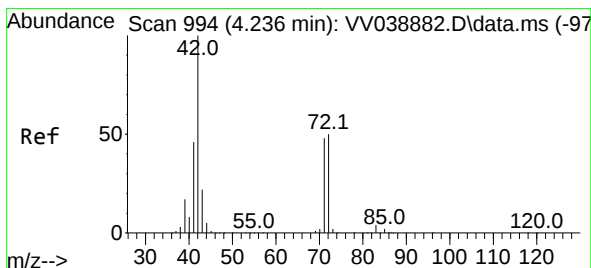
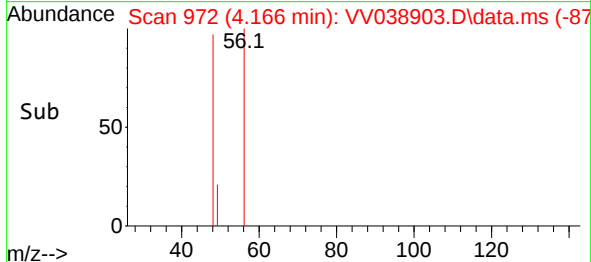
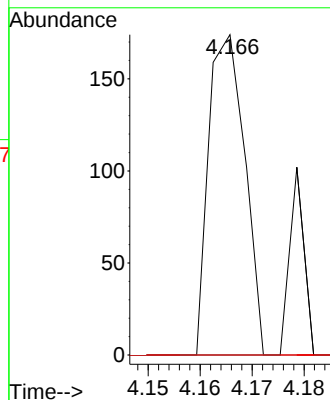
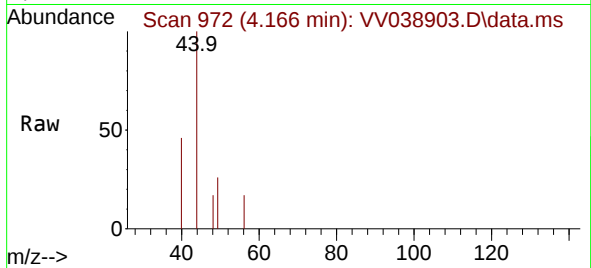




#28
Bromochloromethane
Concen: 0.020 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.020 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

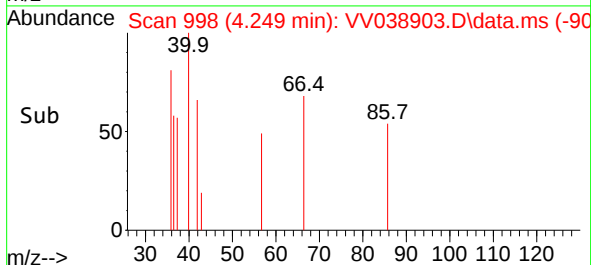
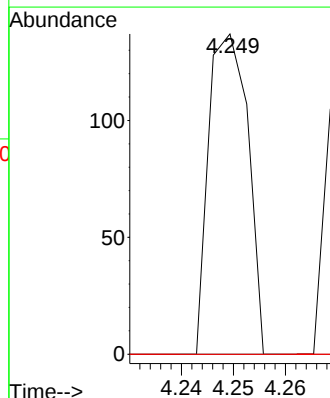
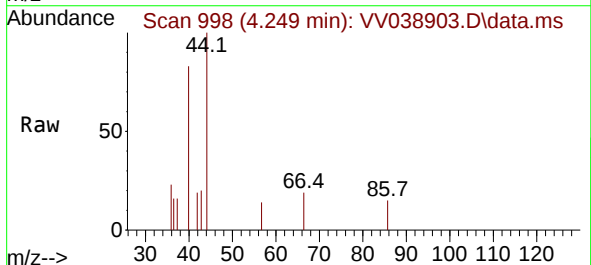
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

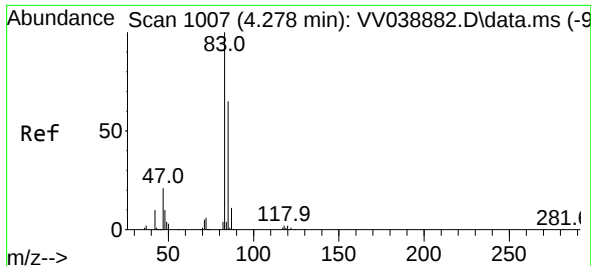
Tgt Ion: 49 Resp: 84
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 70.1 105.1#



#29
Tetrahydrofuran
Concen: 0.029 ug/l
RT: 4.249 min Scan# 998
Delta R.T. 0.013 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 42 Resp: 72
Ion Ratio Lower Upper
42 100
72 0.0 41.6 62.4#
71 0.0 38.4 57.6#

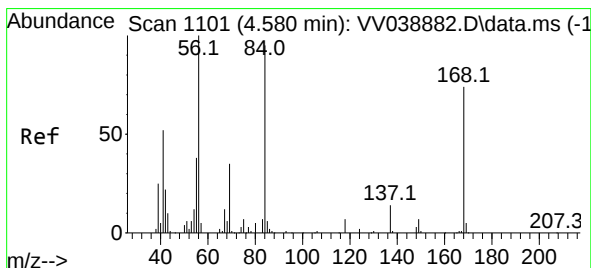
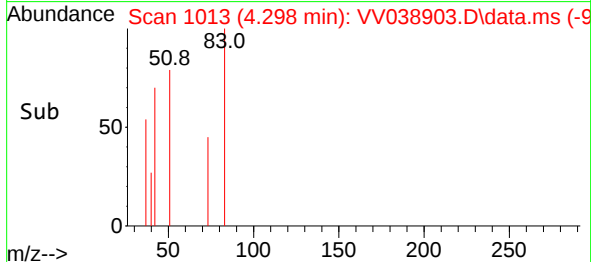
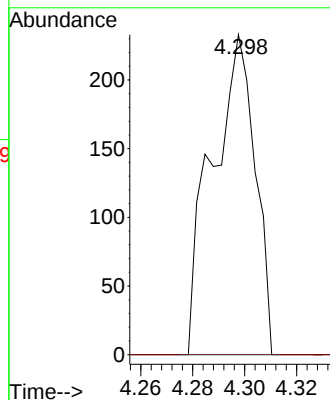
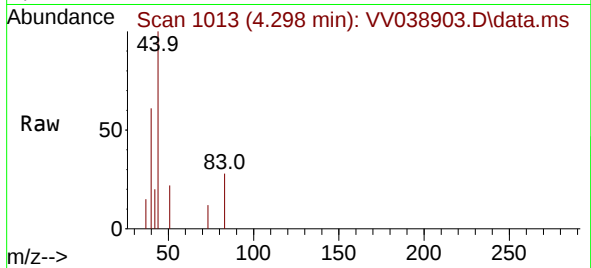




#30
Chloroform
Concen: 0.023 ug/l
RT: 4.298 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

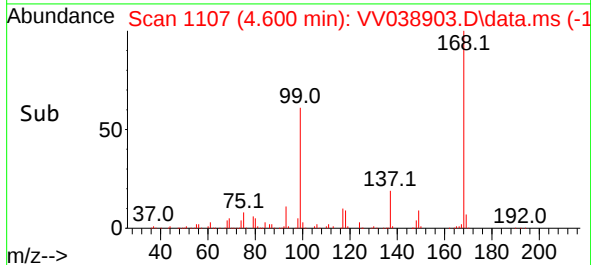
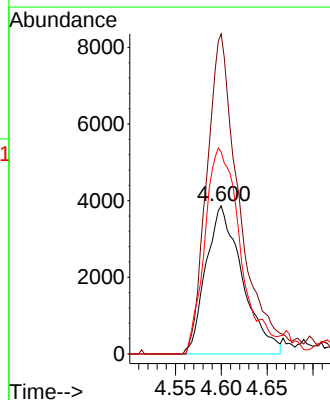
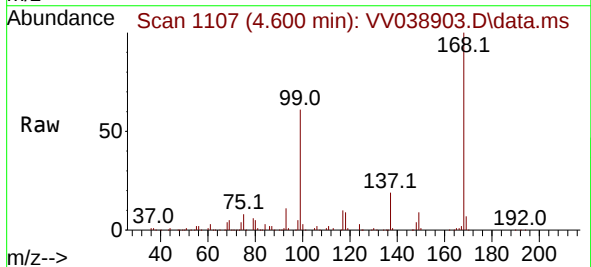
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

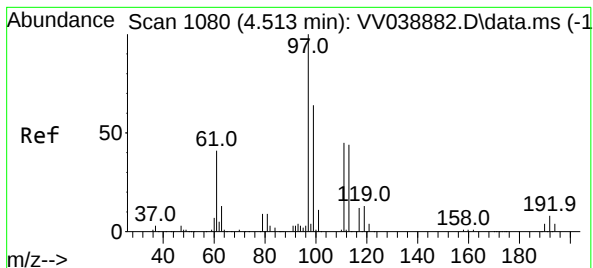
Tgt Ion: 83 Resp: 268
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 1.509 ug/l
RT: 4.600 min Scan# 1107
Delta R.T. 0.019 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 56 Resp: 10663
Ion Ratio Lower Upper
56 100
69 215.9 28.2 42.2#
84 136.4 76.0 114.0#





#32

1,1,1-Trichloroethane

Concen: 0.005 ug/l

RT: 4.516 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL02

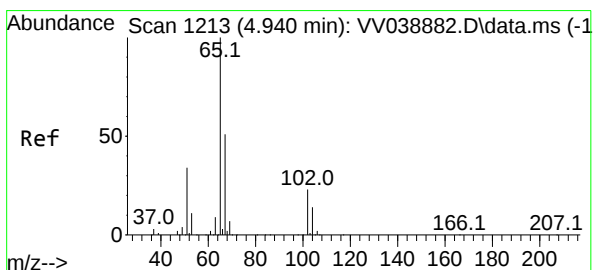
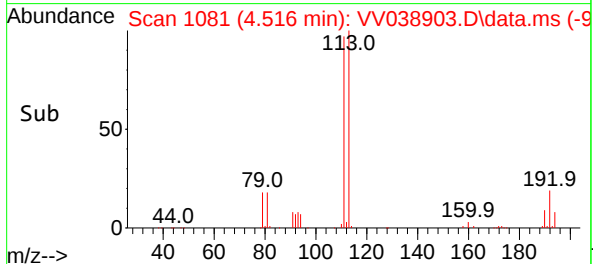
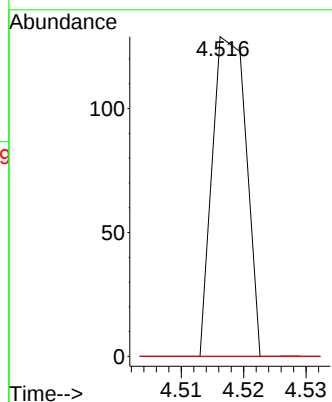
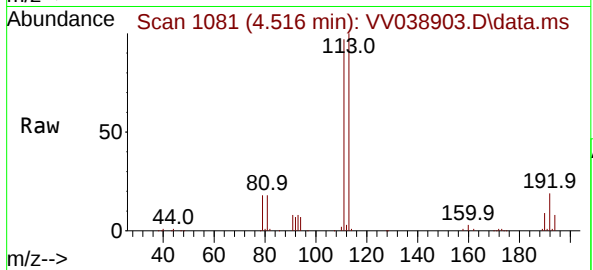
Tgt Ion: 97 Resp: 49

Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1#

61 0.0 32.6 49.0#



#33

1,2-Dichloroethane-d4

Concen: 56.264 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038903.D

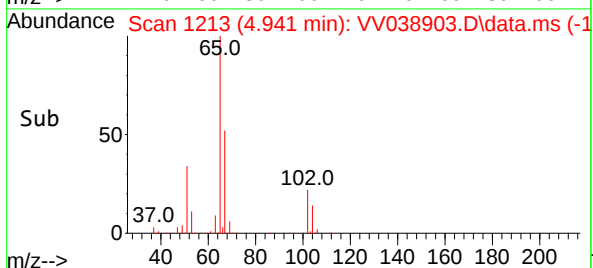
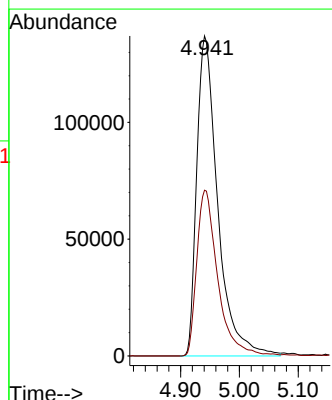
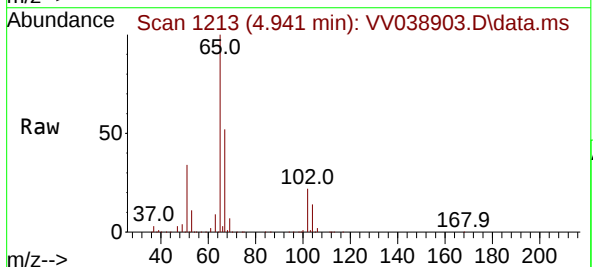
Acq: 16 Jul 2025 12:13

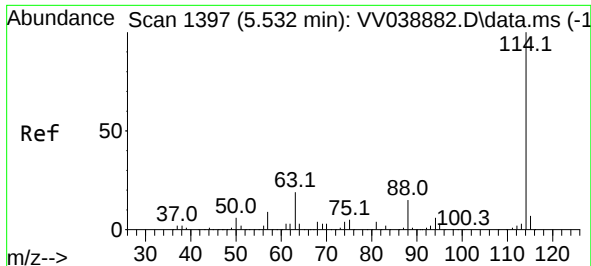
Tgt Ion: 65 Resp: 339071

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0

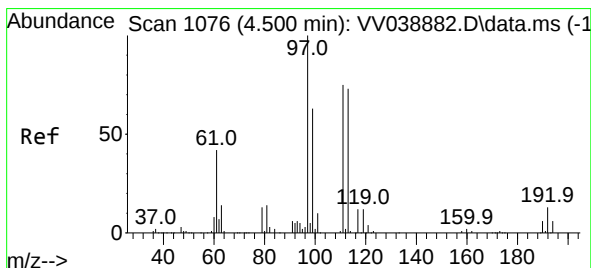
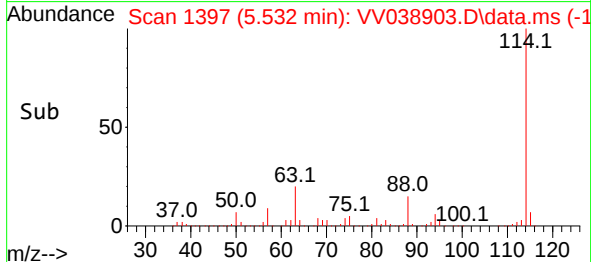
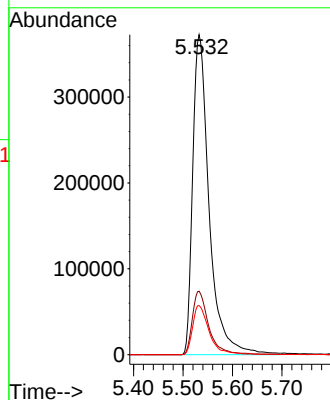
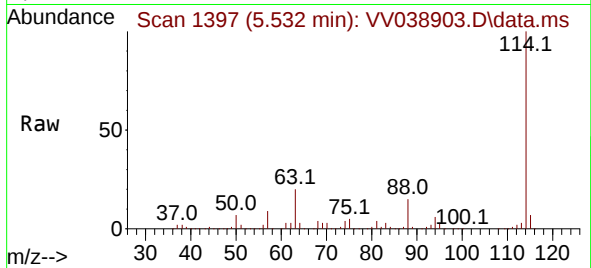




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

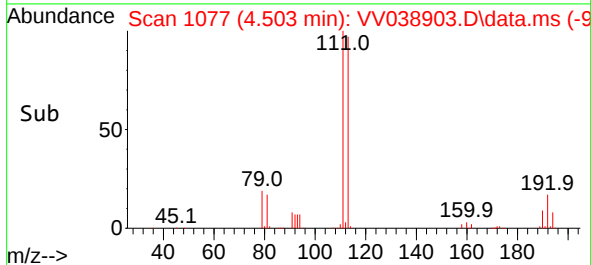
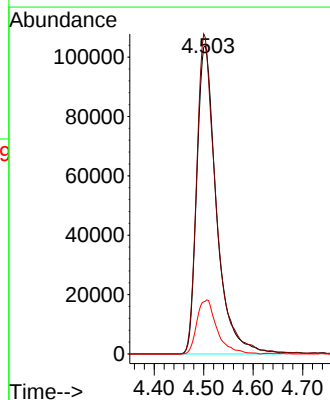
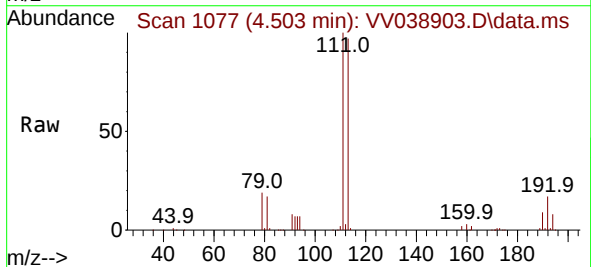
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

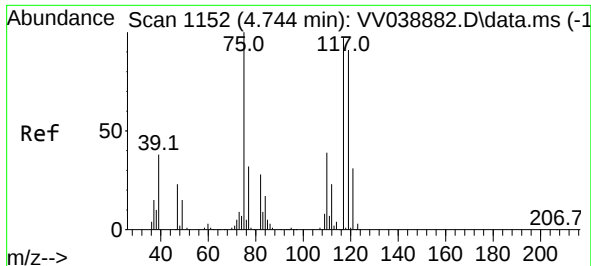
Tgt Ion:114 Resp: 861013
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 48.936 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:113 Resp: 287273
Ion Ratio Lower Upper
113 100
111 101.7 83.3 124.9
192 18.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 6.104 ug/l

RT: 4.597 min Scan# 1152

Delta R.T. -0.148 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL02

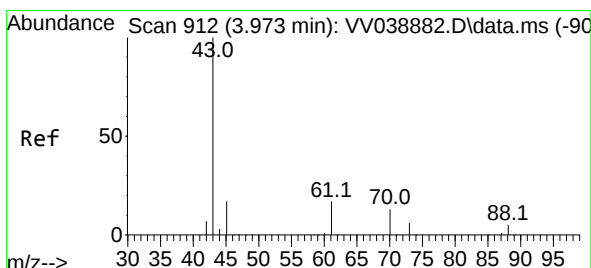
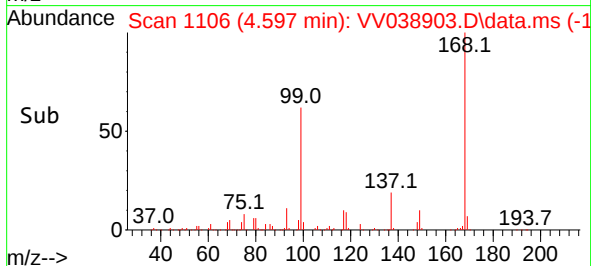
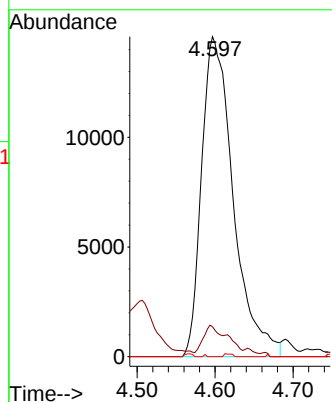
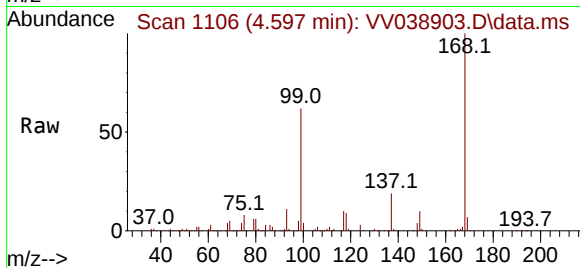
Tgt Ion: 75 Resp: 41184

Ion Ratio Lower Upper

75 100

110 6.0 18.8 56.3#

77 0.0 24.2 36.4#



#37

Ethyl Acetate

Concen: 0.009 ug/l

RT: 3.976 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

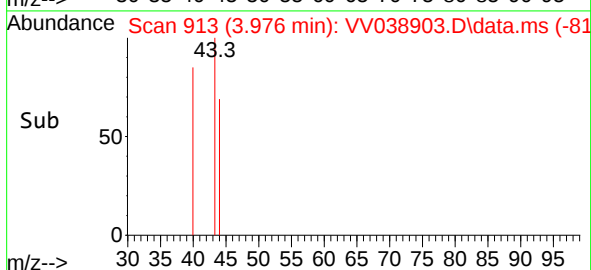
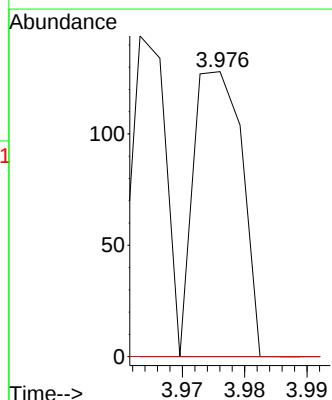
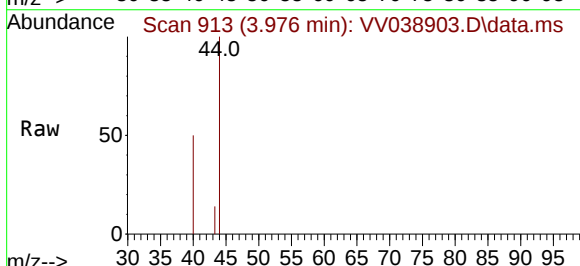
Tgt Ion: 43 Resp: 69

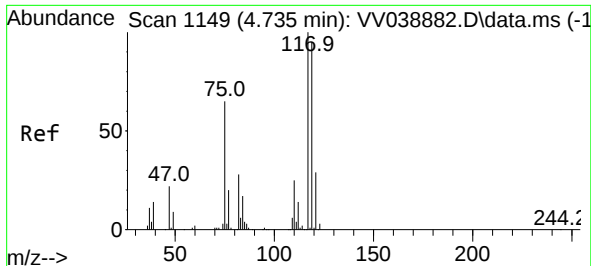
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.9 13.3#

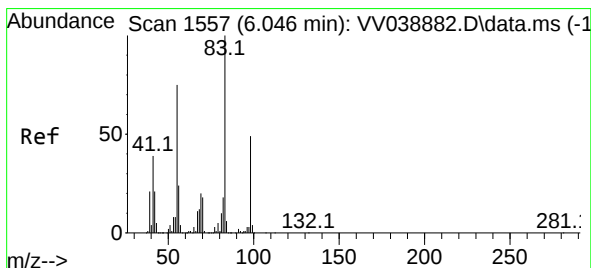
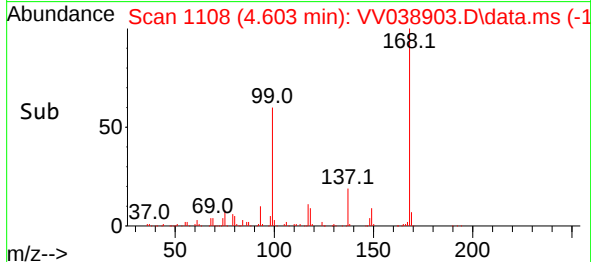
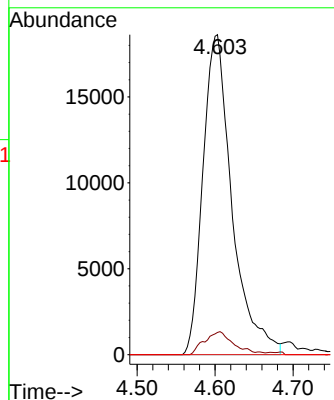
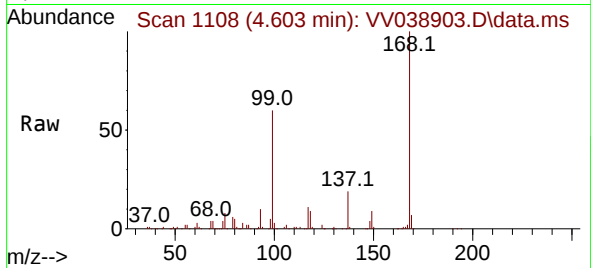




#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 4.603 min Scan# 1149
Delta R.T. -0.132 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

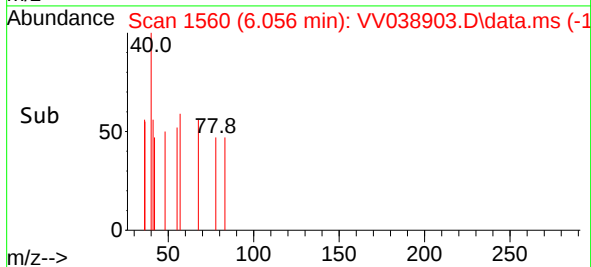
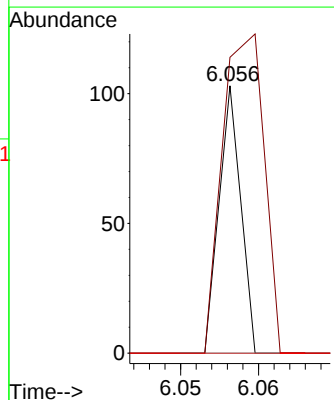
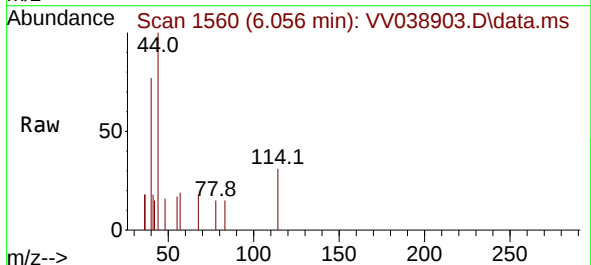
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

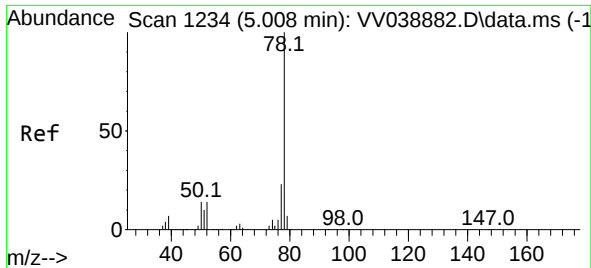
Tgt Ion:117 Resp: 48315
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 23.1 34.7#



#39
Methylcyclohexane
Concen: 0.003 ug/l
RT: 6.056 min Scan# 1560
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 110.7 60.0 90.0#
98 0.0 39.0 58.6#

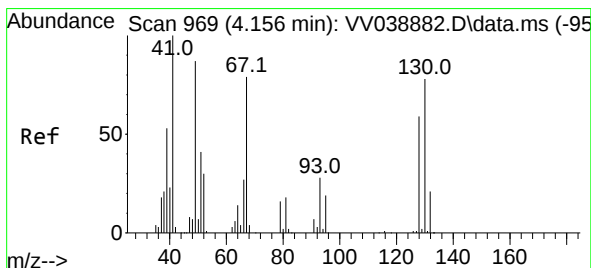
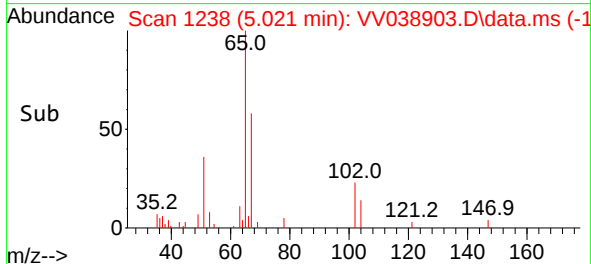
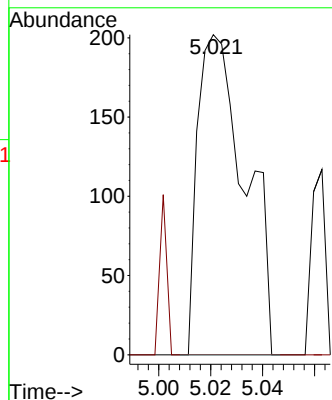
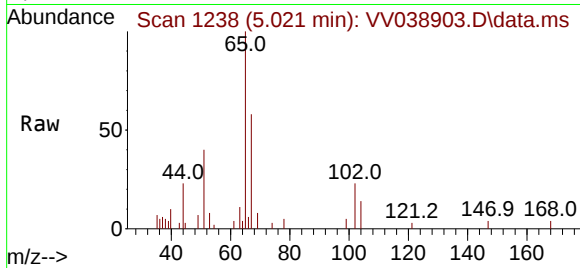




#40
Benzene
Concen: 0.011 ug/l
RT: 5.021 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

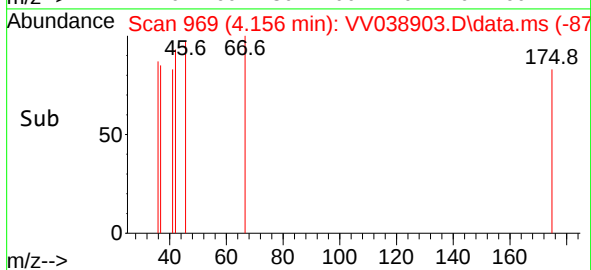
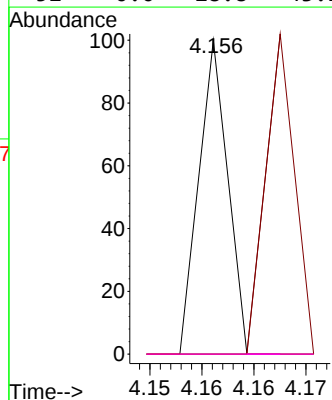
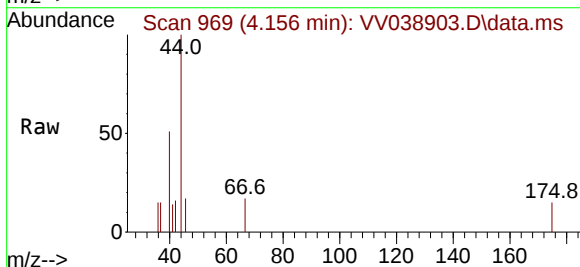
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

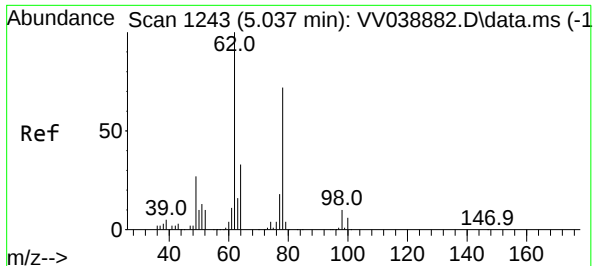
Tgt Ion: 78 Resp: 256
Ion Ratio Lower Upper
78 100
77 0.0 18.6 28.0#



#41
Methacrylonitrile
Concen: 0.005 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
39 105.3 42.0 63.0#
67 0.0 76.2 114.2#
52 0.0 28.8 43.2#





#42

1,2-Dichloroethane

Concen: 0.045 ug/l

RT: 5.063 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

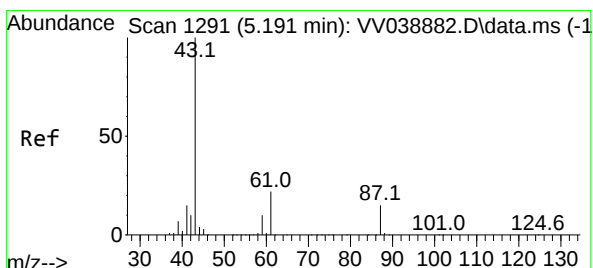
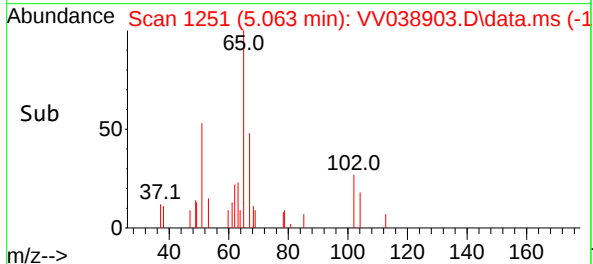
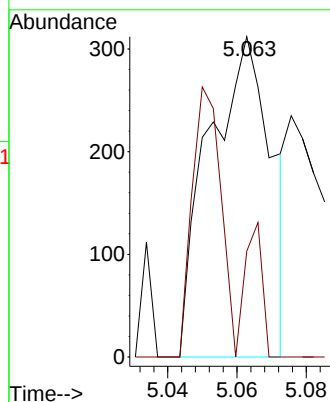
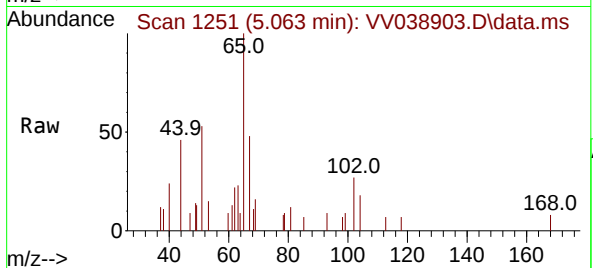
VV0716WBL02

Tgt Ion: 62 Resp: 389

Ion Ratio Lower Upper

62 100

98 11.6 0.0 18.8



#43

Isopropyl Acetate

Concen: 0.003 ug/l

RT: 5.188 min Scan# 1290

Delta R.T. -0.003 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

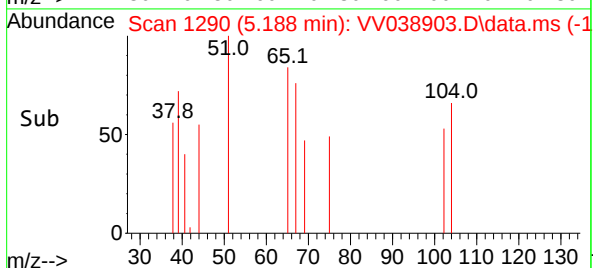
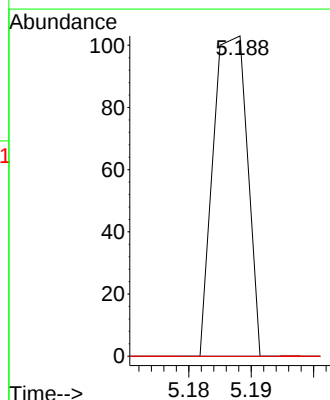
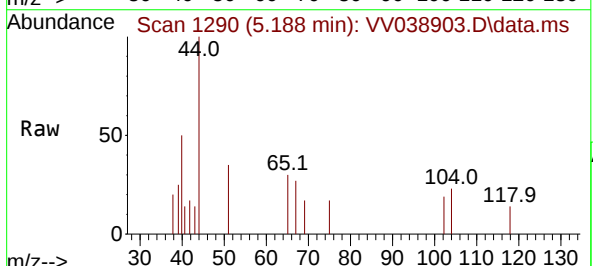
Tgt Ion: 43 Resp: 39

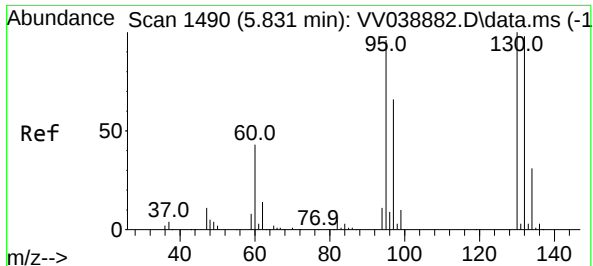
Ion Ratio Lower Upper

43 100

61 0.0 17.1 25.7#

87 0.0 12.2 18.4#

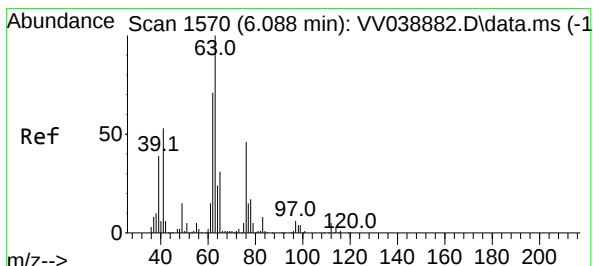
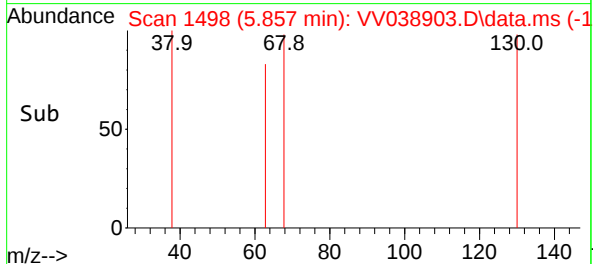
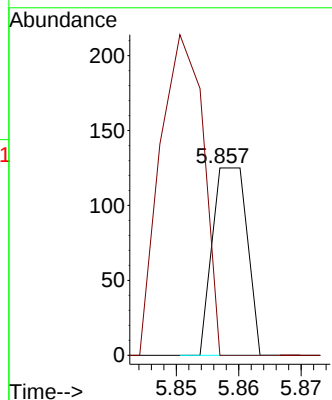
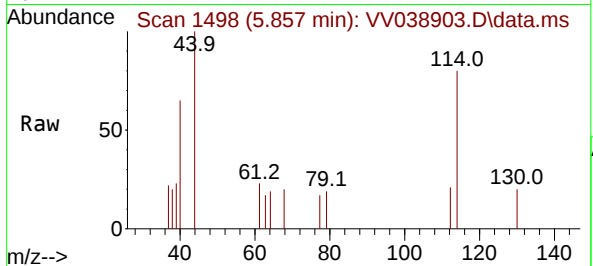




#44
Trichloroethene
Concen: 0.008 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.026 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

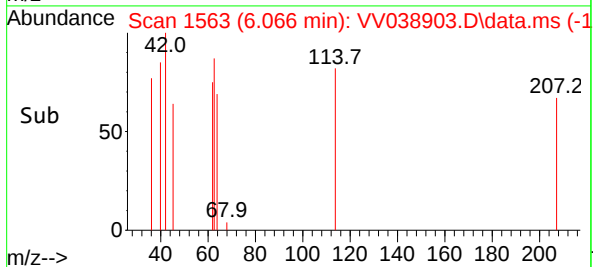
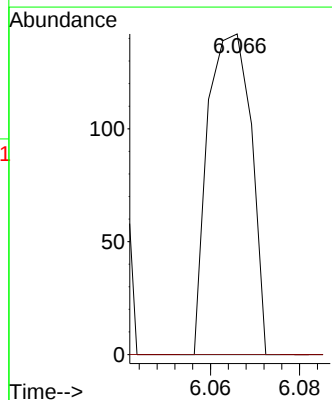
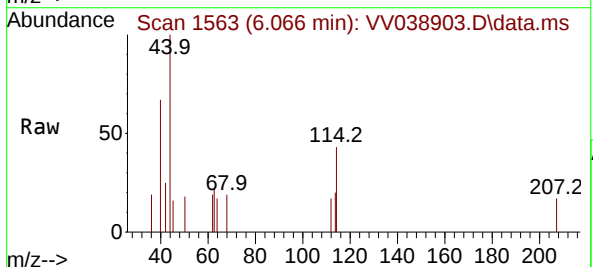
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

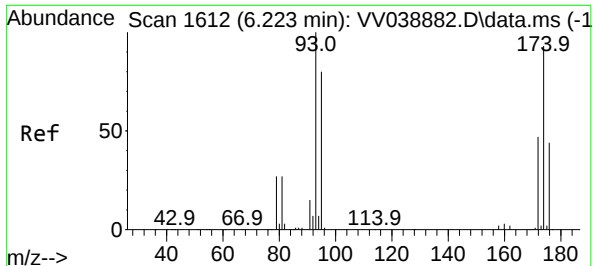
Tgt Ion:130 Resp: 48
Ion Ratio Lower Upper
130 100
95 0.0 0.0 191.2



#45
1,2-Dichloropropane
Concen: 0.016 ug/l
RT: 6.066 min Scan# 1563
Delta R.T. -0.022 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 63 Resp: 96
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

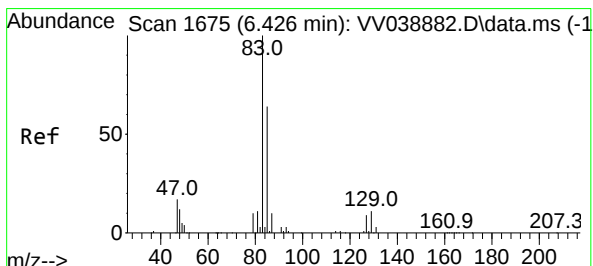
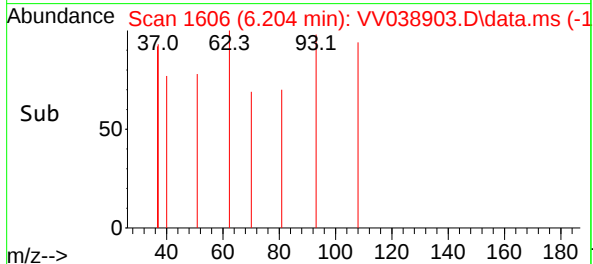
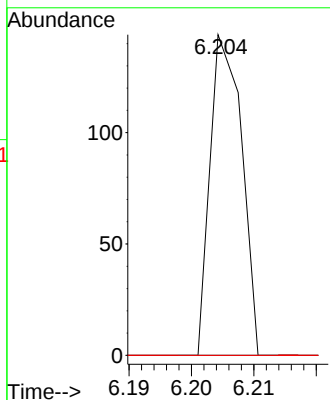
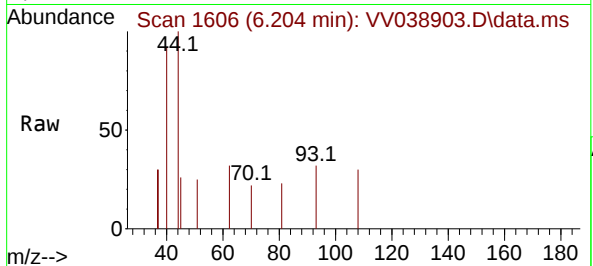




#46
 Dibromomethane
 Concen: 0.011 ug/l
 RT: 6.204 min Scan# 1606
 Delta R.T. -0.019 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

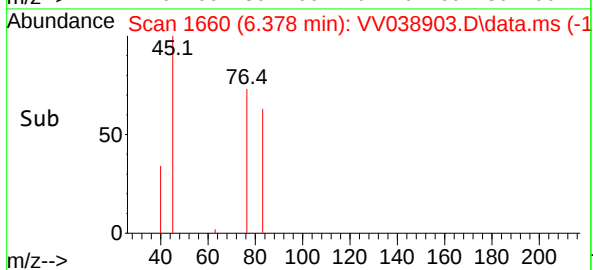
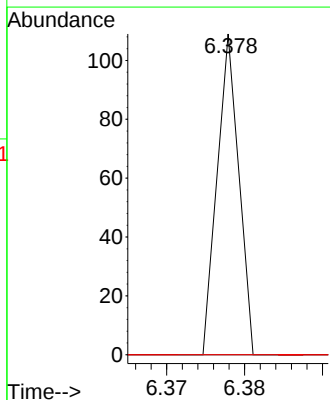
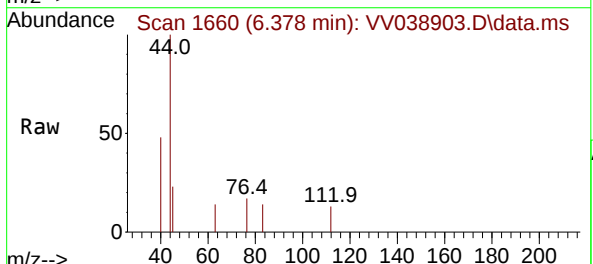
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

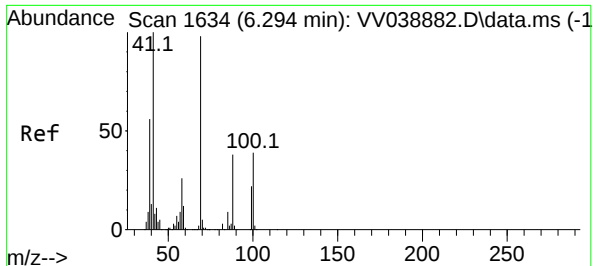
Tgt Ion: 93	Resp:	51	
Ion Ratio	Lower	Upper	
93 100			
95 0.0	66.2	99.4#	
174 0.0	75.3	112.9#	



#47
 Bromodichloromethane
 Concen: 0.002 ug/l
 RT: 6.378 min Scan# 1660
 Delta R.T. -0.048 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 83	Resp: 21
Ion Ratio	Lower Upper
83 100	
85 0.0	51.4 77.0#
127 0.0	6.9 10.3#





#48

Methyl methacrylate

Concen: 0.009 ug/l

RT: 6.326 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL02

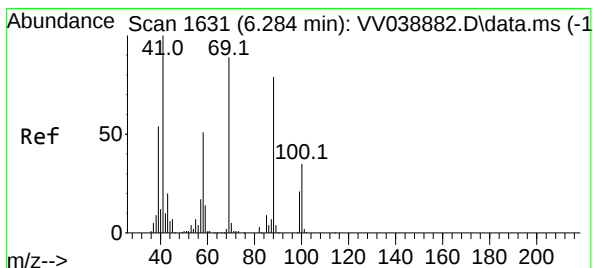
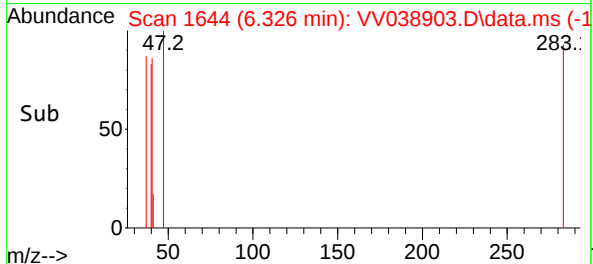
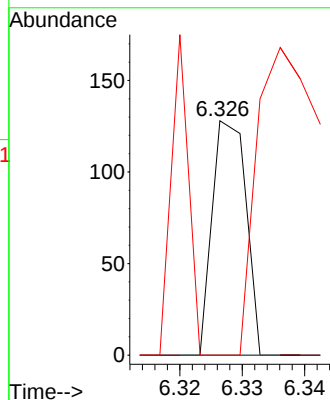
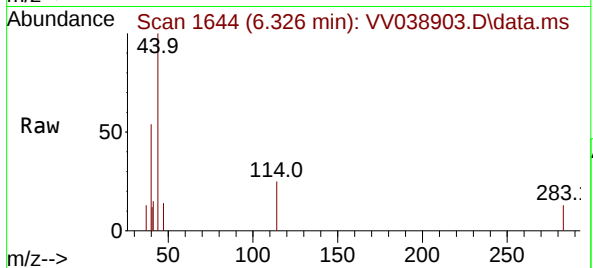
Tgt Ion: 41 Resp: 48

Ion Ratio Lower Upper

41 100

69 0.0 79.4 119.2#

39 70.8 44.0 66.0#



#49

1,4-Dioxane

Concen: 0.196 ug/l

RT: 6.429 min Scan# 1676

Delta R.T. 0.145 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

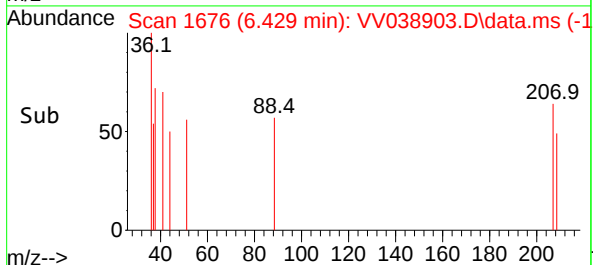
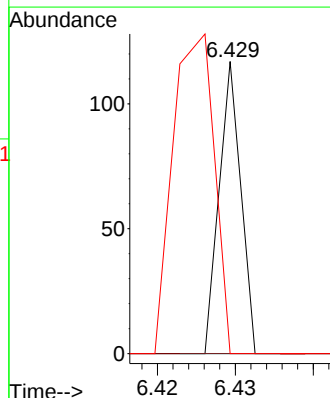
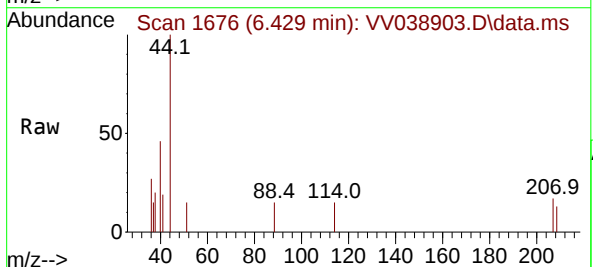
Tgt Ion: 88 Resp: 23

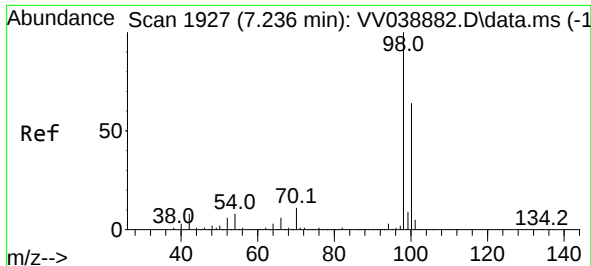
Ion Ratio Lower Upper

88 100

43 0.0 23.0 34.4#

58 204.3 53.8 80.6#

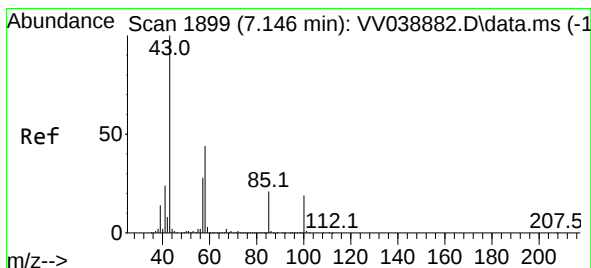
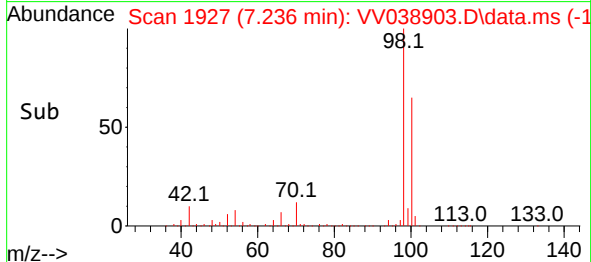
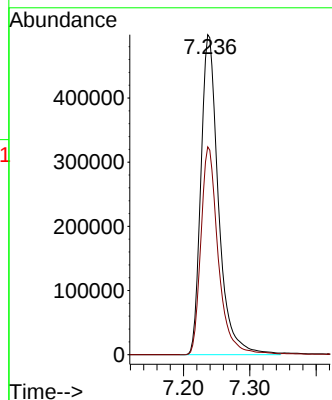
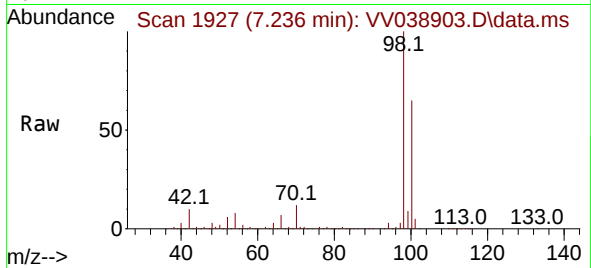




#50
Toluene-d8
Concen: 51.634 ug/l
RT: 7.236 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

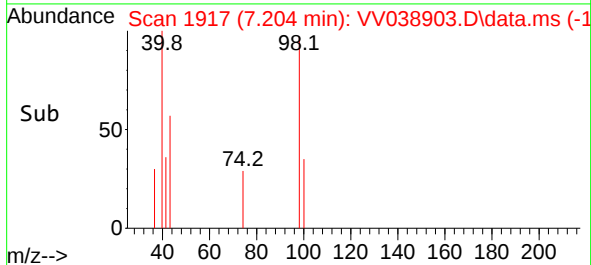
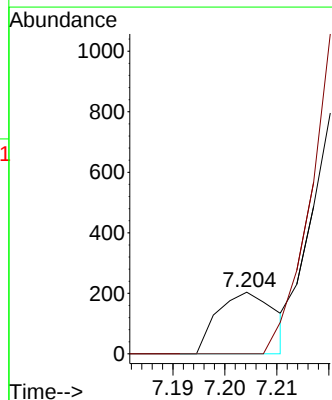
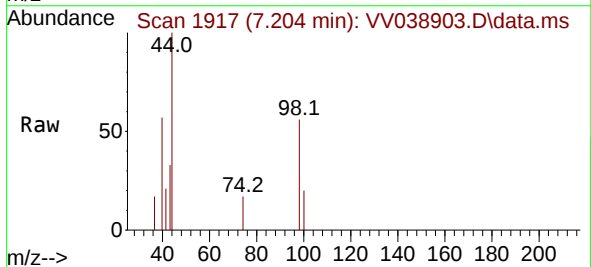
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

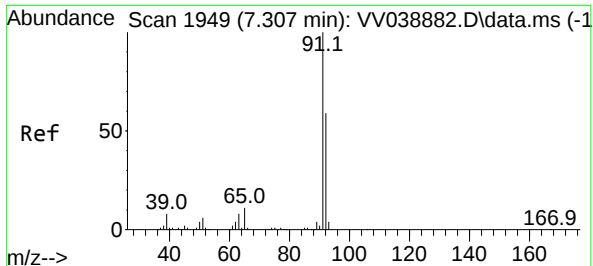
Tgt Ion: 98 Resp: 916226
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.018 ug/l
RT: 7.204 min Scan# 1917
Delta R.T. 0.058 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 34.5 51.7#

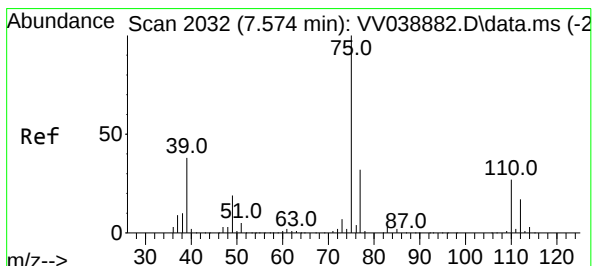
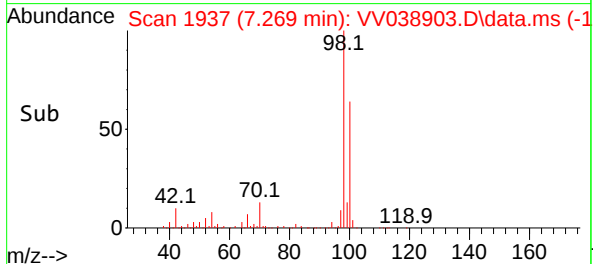
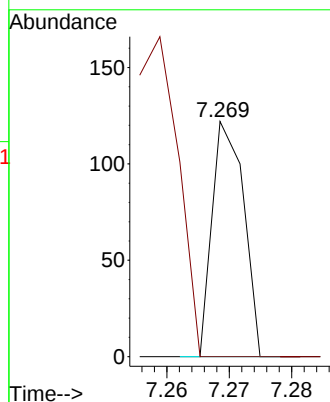
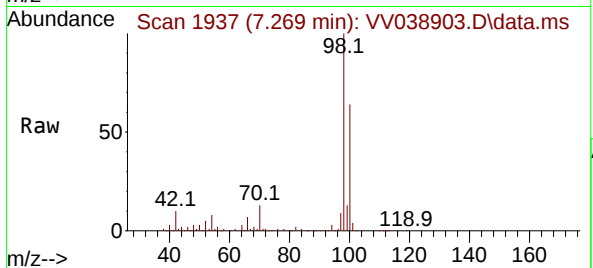




#52
Toluene
Concen: 0.003 ug/l
RT: 7.269 min Scan# 1949
Delta R.T. -0.038 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

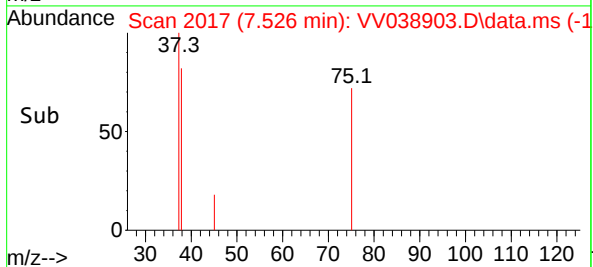
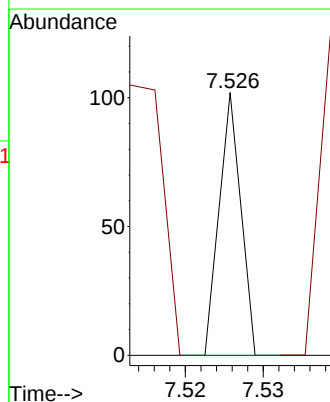
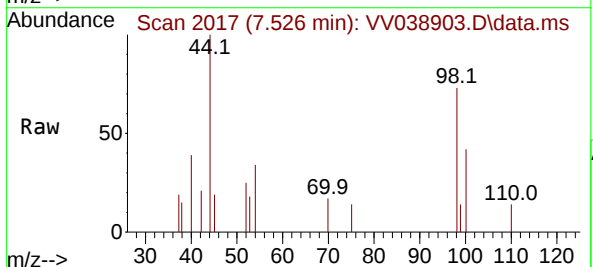
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

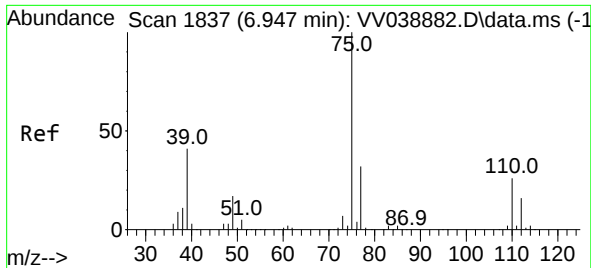
Tgt Ion: 92 Resp: 43
Ion Ratio Lower Upper
92 100
91 186.0 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 0.002 ug/l
RT: 7.526 min Scan# 2017
Delta R.T. -0.048 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

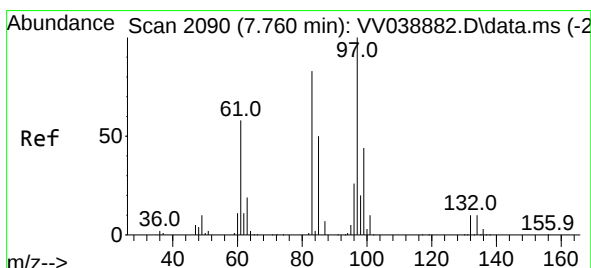
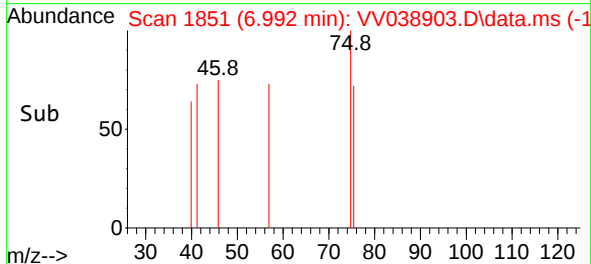
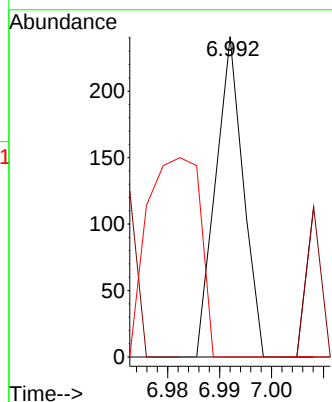
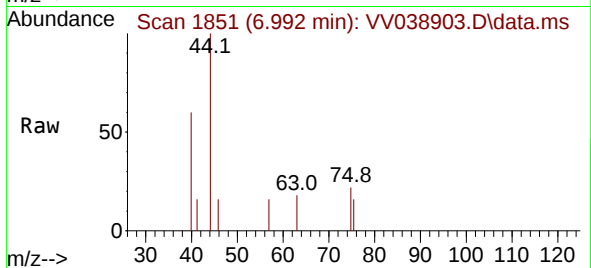




#54
 cis-1,3-Dichloropropene
 Concen: 0.009 ug/l
 RT: 6.992 min Scan# 11
 Delta R.T. 0.045 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

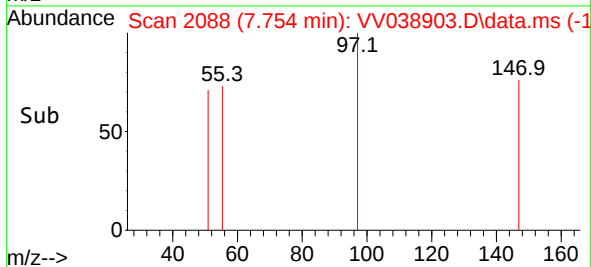
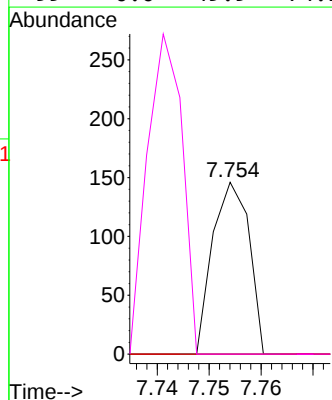
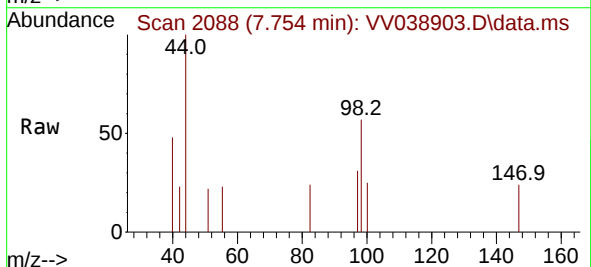
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

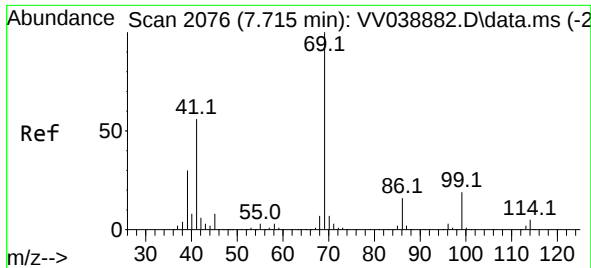
Tgt Ion: 75 Resp: 89
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 0.0 33.1 49.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.010 ug/l
 RT: 7.754 min Scan# 2088
 Delta R.T. -0.006 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 97 Resp: 71
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.2 99.4#
 85 0.0 41.4 62.2#
 99 0.0 49.9 74.9#

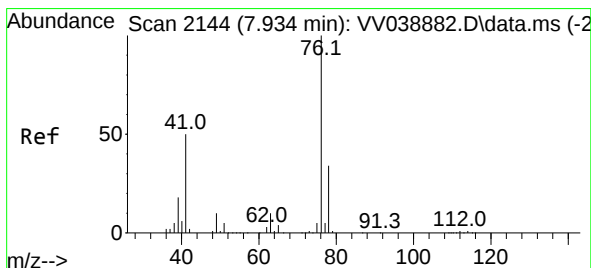
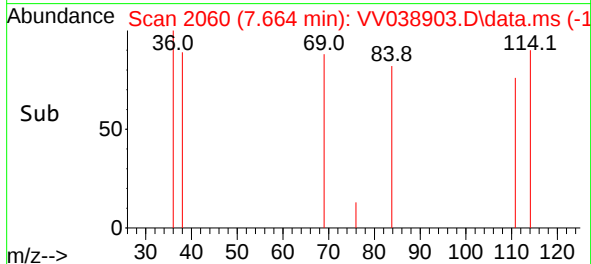
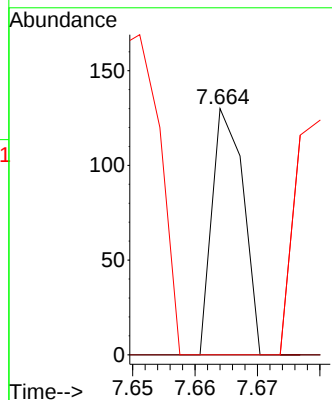
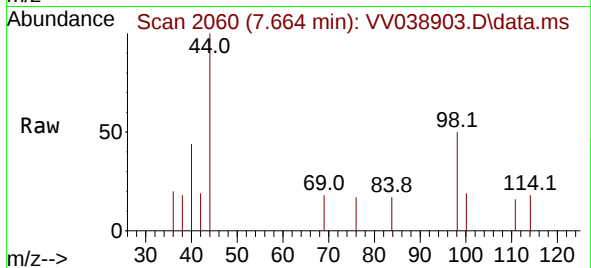




#56
Ethyl methacrylate
Concen: 0.005 ug/l
RT: 7.664 min Scan# 2076
Delta R.T. -0.051 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

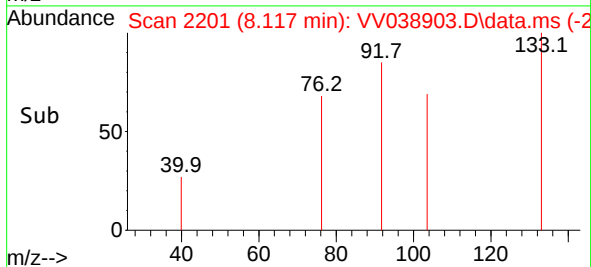
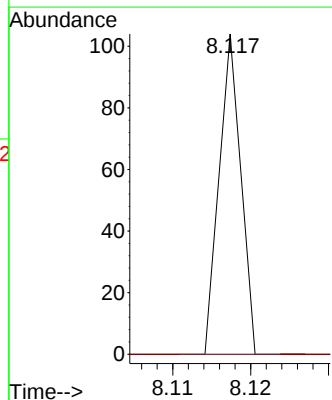
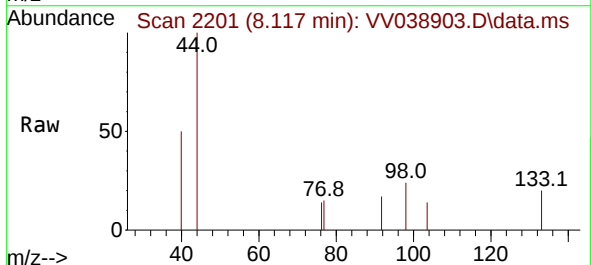
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

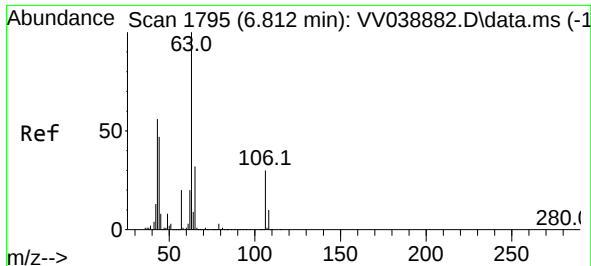
Tgt Ion: 69 Resp: 45
Ion Ratio Lower Upper
69 100
41 0.0 45.7 68.5#
39 244.4 23.8 35.8#



#57
1,3-Dichloropropane
Concen: 0.002 ug/l
RT: 8.117 min Scan# 2201
Delta R.T. 0.183 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 26.8 40.2#





#58

2-Chloroethyl Vinyl ether

Concen: 0.026 ug/l

RT: 6.998 min Scan# 11

Delta R.T. 0.186 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

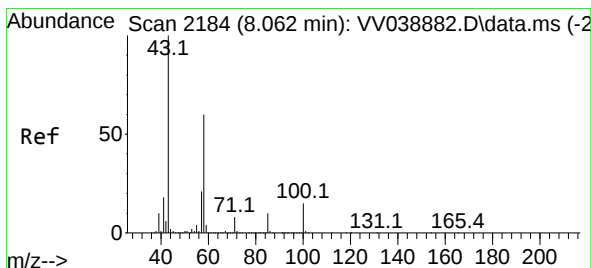
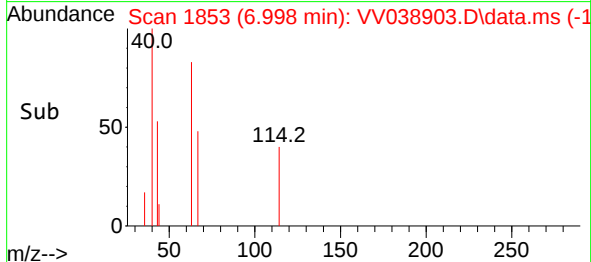
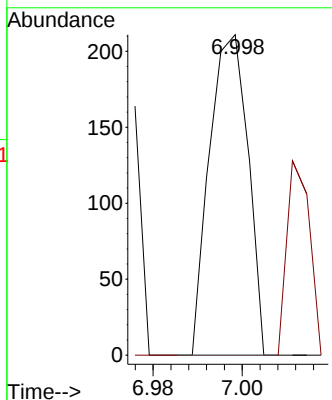
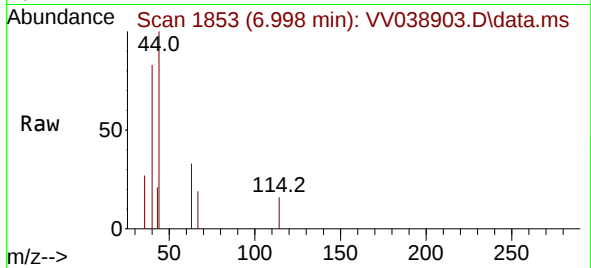
VV0716WBL02

Tgt Ion: 63 Resp: 127

Ion Ratio Lower Upper

63 100

106 35.4 24.1 36.1



#59

2-Hexanone

Concen: 0.013 ug/l

RT: 7.847 min Scan# 2117

Delta R.T. -0.215 min

Lab File: VV038903.D

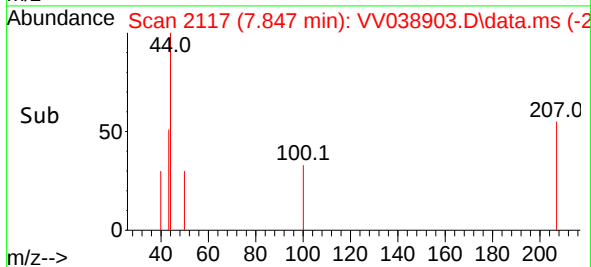
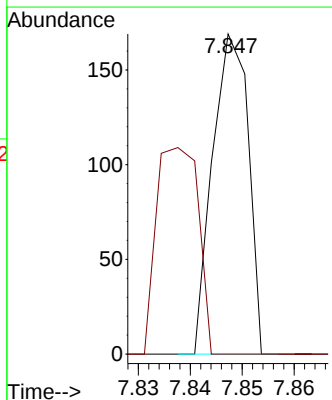
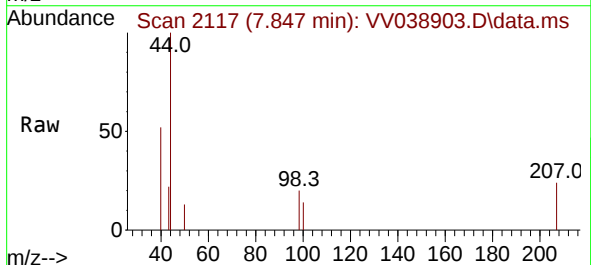
Acq: 16 Jul 2025 12:13

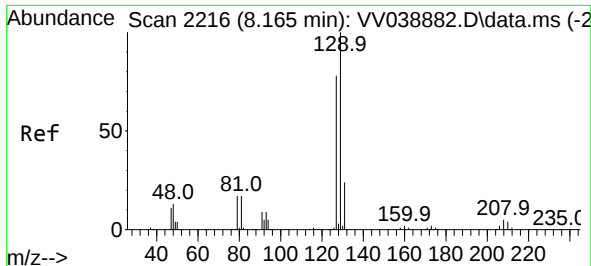
Tgt Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

58 75.3 29.6 88.8

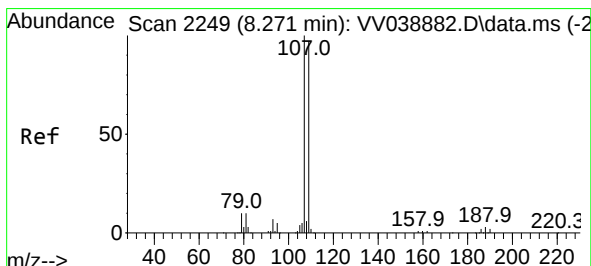
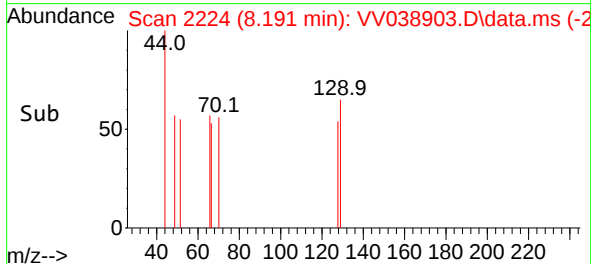
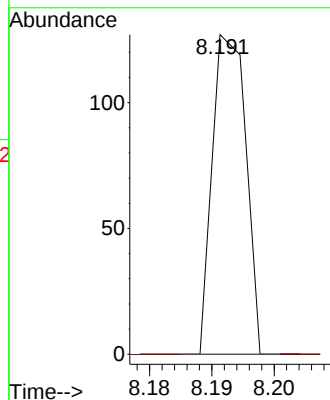
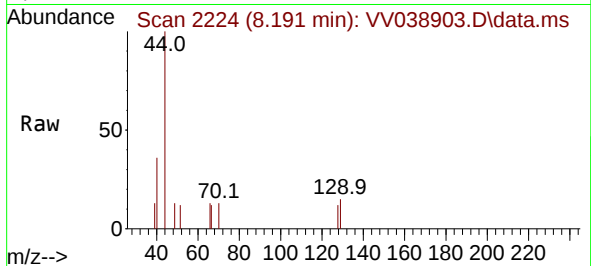




#60
Dibromochloromethane
Concen: 0.006 ug/l
RT: 8.191 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

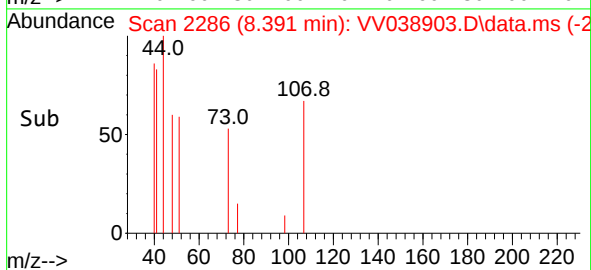
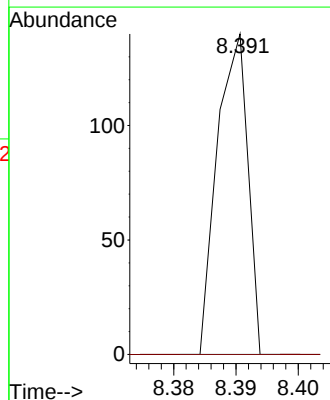
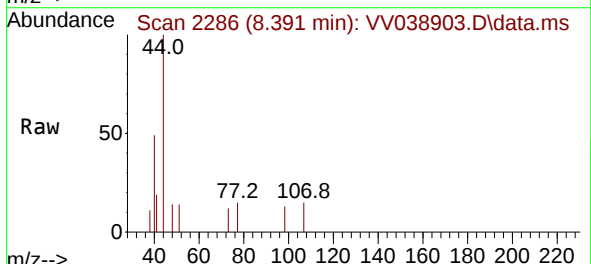
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

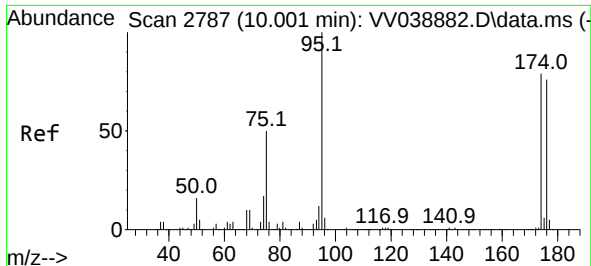
Tgt Ion:129 Resp: 47
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#61
1,2-Dibromoethane
Concen: 0.007 ug/l
RT: 8.391 min Scan# 2286
Delta R.T. 0.119 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:107 Resp: 48
Ion Ratio Lower Upper
107 100
109 0.0 77.1 115.7#

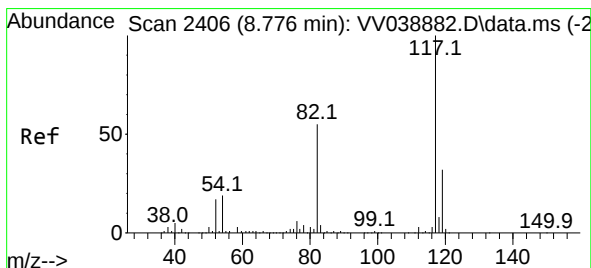
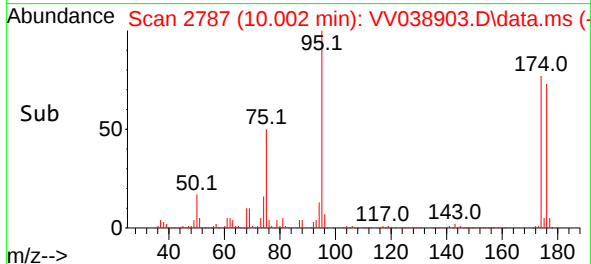
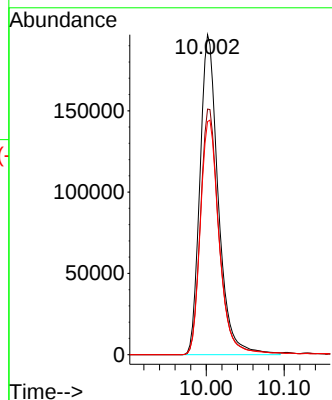
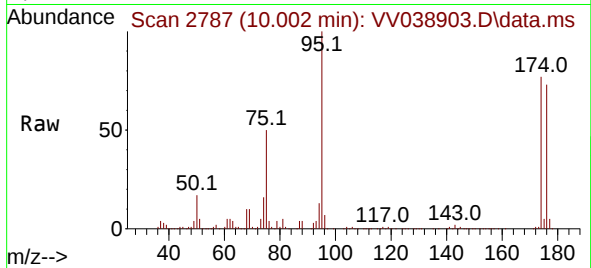




#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

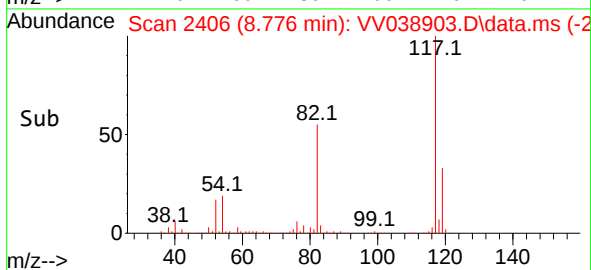
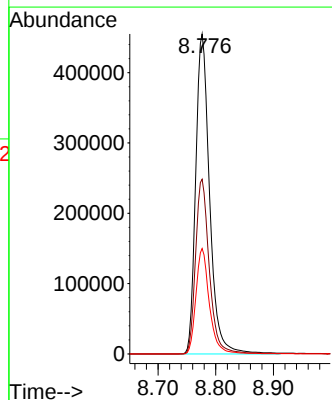
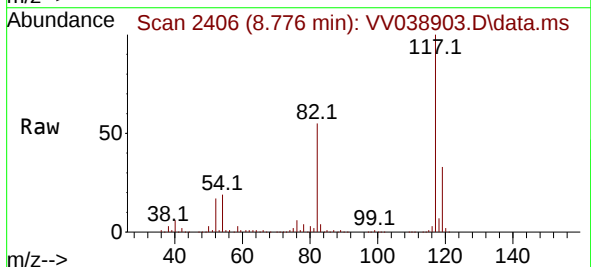
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

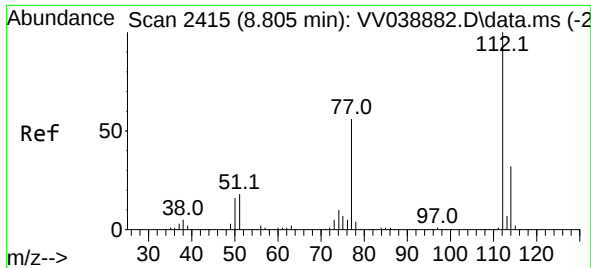
Tgt Ion: 95 Resp: 321571
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.0
176 74.9 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 117 Resp: 763030
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 33.0 25.4 38.0

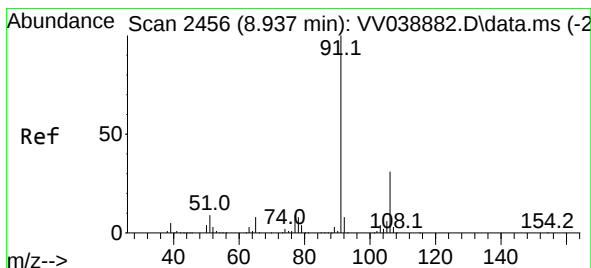
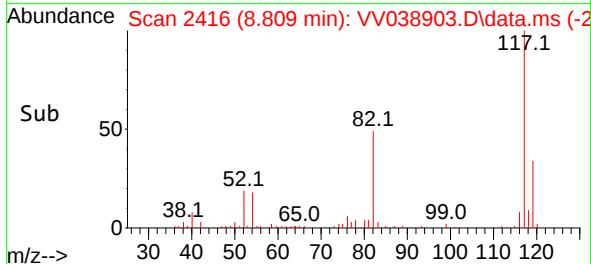
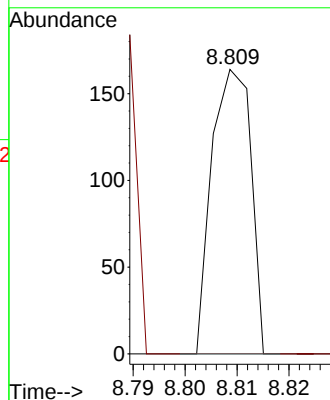
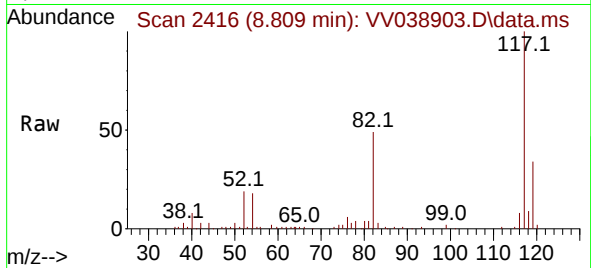




#65
Chlorobenzene
Concen: 0.005 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

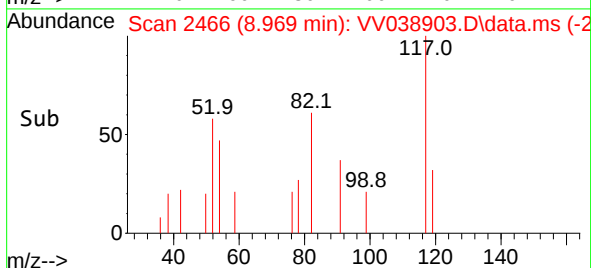
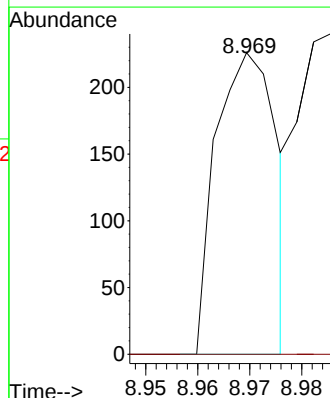
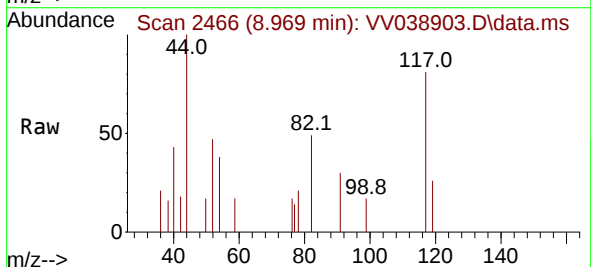
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

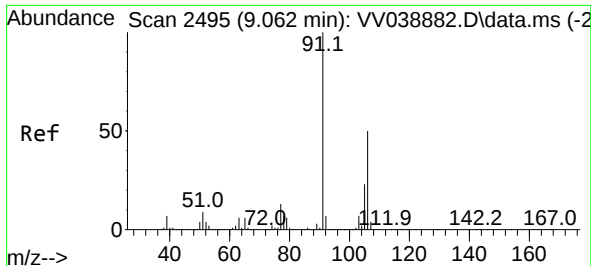
Tgt Ion:112 Resp: 86
Ion Ratio Lower Upper
112 100
114 0.0 25.3 37.9#



#67
Ethyl Benzene
Concen: 0.007 ug/l
RT: 8.969 min Scan# 2466
Delta R.T. 0.032 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 91 Resp: 182
Ion Ratio Lower Upper
91 100
106 0.0 24.8 37.2#

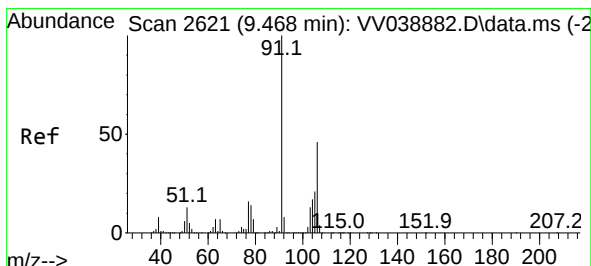
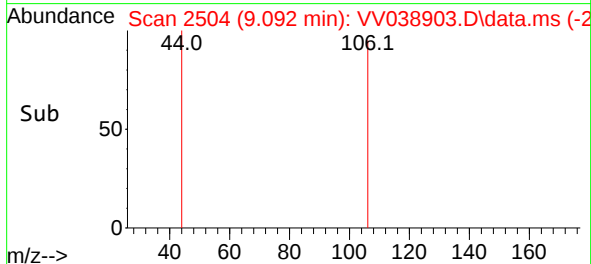
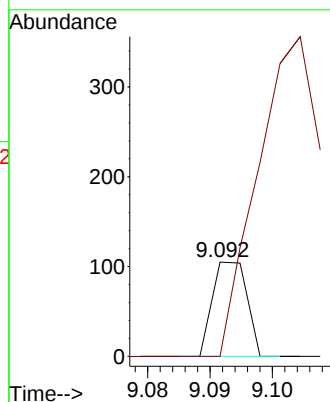
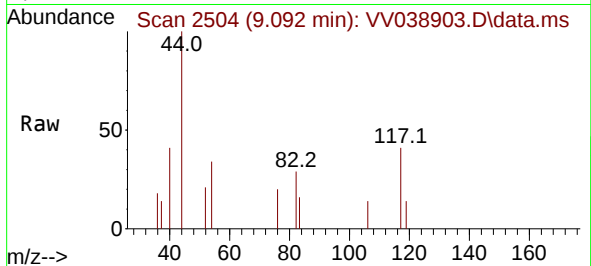




#68
m/p-Xylenes
Concen: 0.004 ug/l
RT: 9.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

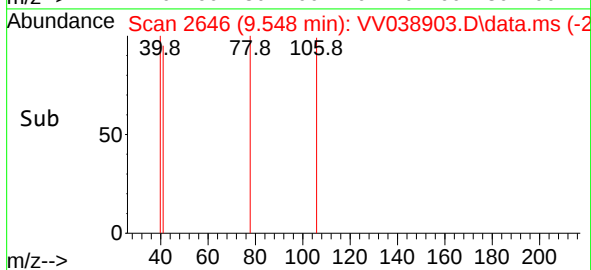
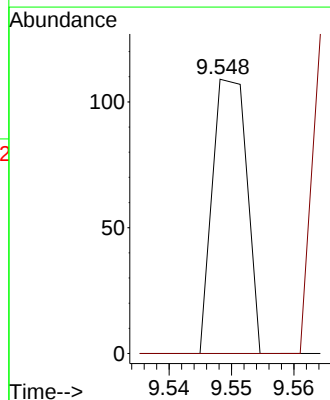
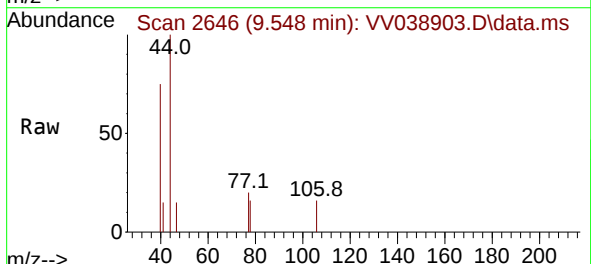
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

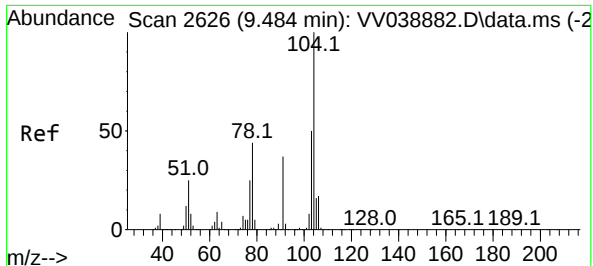
Tgt Ion:106 Resp: 40
Ion Ratio Lower Upper
106 100
91 602.5 161.0 241.6#



#69
o-Xylene
Concen: 0.005 ug/l
RT: 9.548 min Scan# 2646
Delta R.T. 0.081 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:106 Resp: 42
Ion Ratio Lower Upper
106 100
91 116.7 108.9 326.6

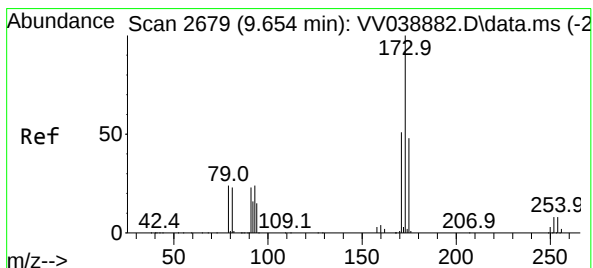
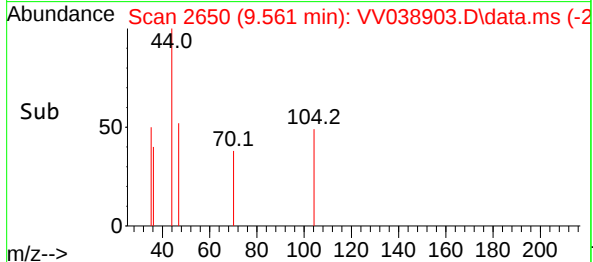
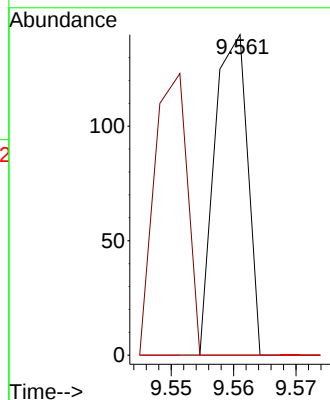
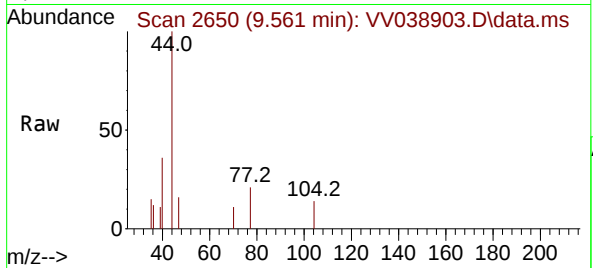




#70
Styrene
Concen: 0.003 ug/l
RT: 9.561 min Scan# 2650
Delta R.T. 0.077 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

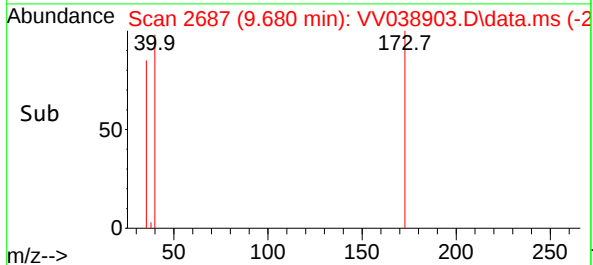
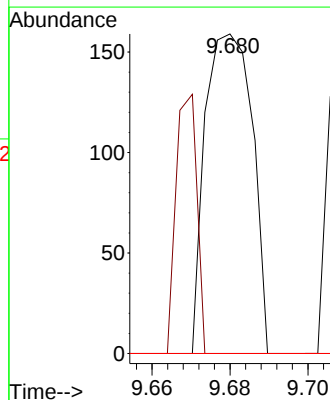
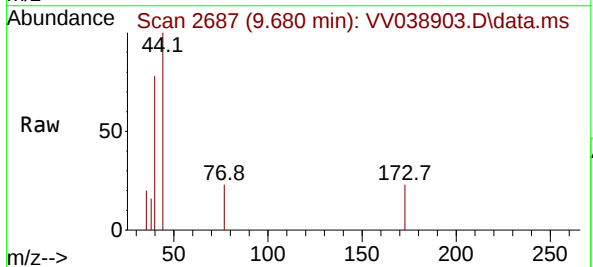
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

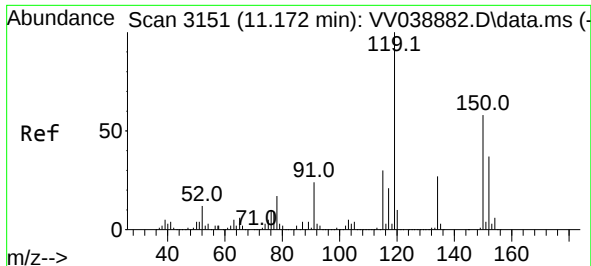
Tgt Ion:104 Resp: 51
Ion Ratio Lower Upper
104 100
78 88.2 39.9 59.9#
103 0.0 43.4 65.2#



#71
Bromoform
Concen: 0.025 ug/l
RT: 9.680 min Scan# 2687
Delta R.T. 0.026 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:173 Resp: 133
Ion Ratio Lower Upper
173 100
175 36.1 23.5 70.6
254 0.0 0.1 0.1#

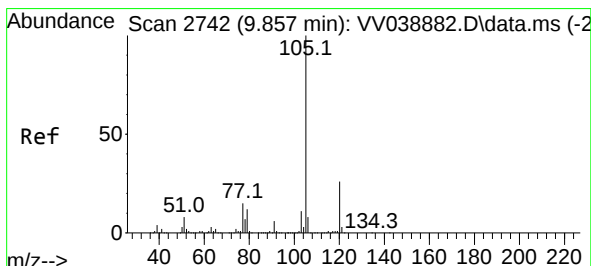
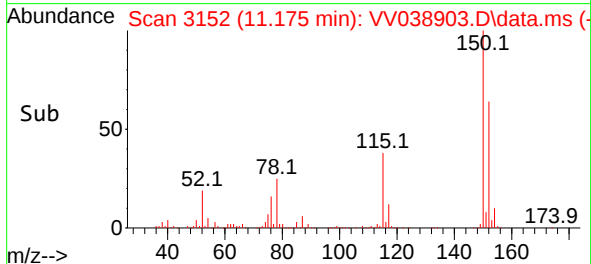
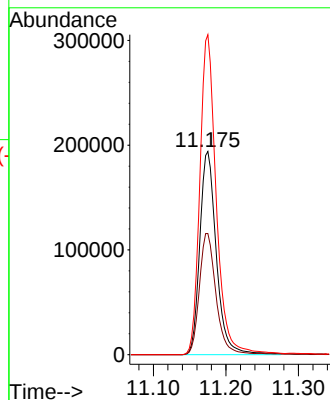
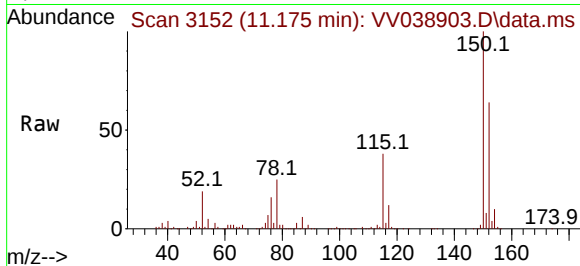




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

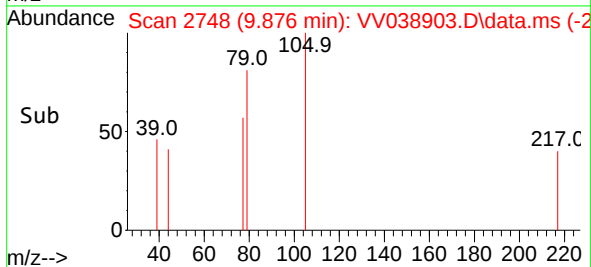
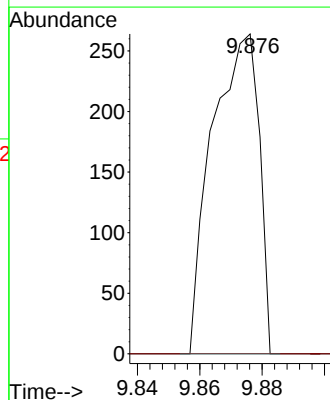
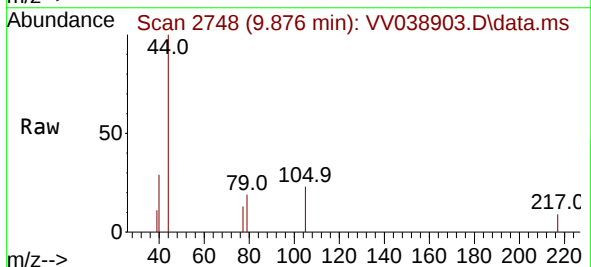
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

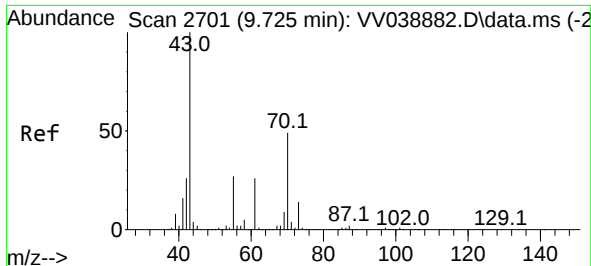
Tgt Ion:152 Resp: 308468
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.8 125.4
 150 156.2 0.0 342.4



#73
 Isopropylbenzene
 Concen: 0.015 ug/l
 RT: 9.876 min Scan# 2748
 Delta R.T. 0.019 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion:105 Resp: 274
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.9 38.7#

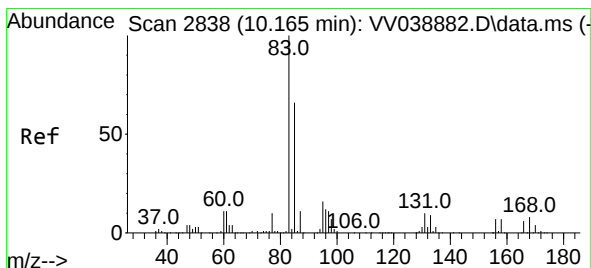
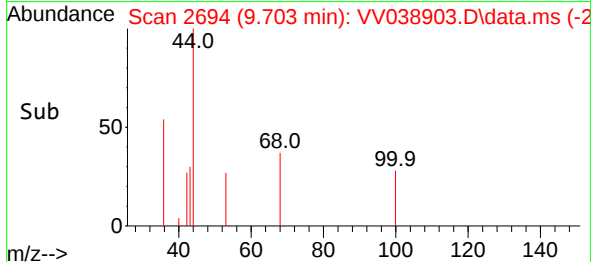
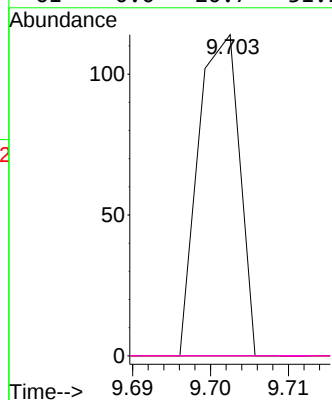
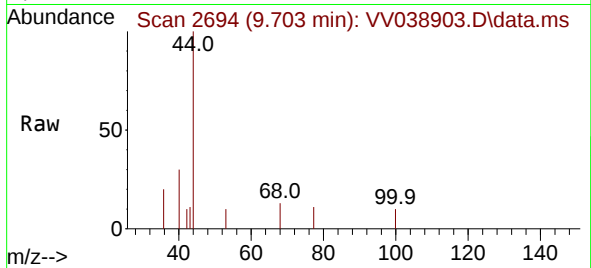




#74
N-amy1 acetate
Concen: 0.006 ug/l
RT: 9.703 min Scan# 21
Delta R.T. -0.022 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

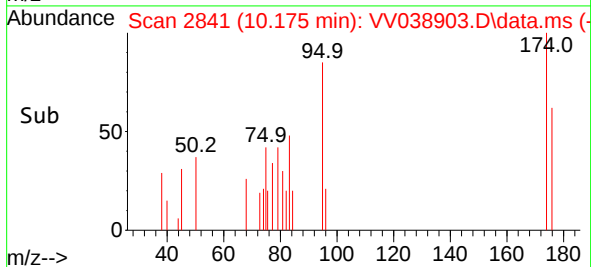
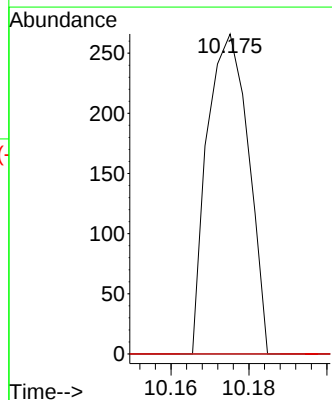
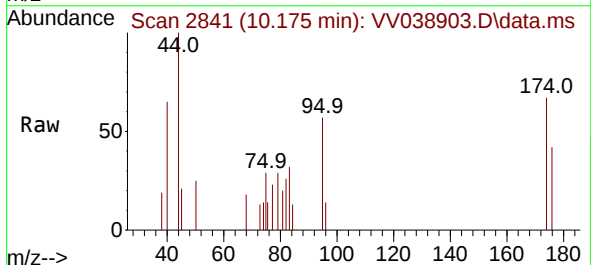
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

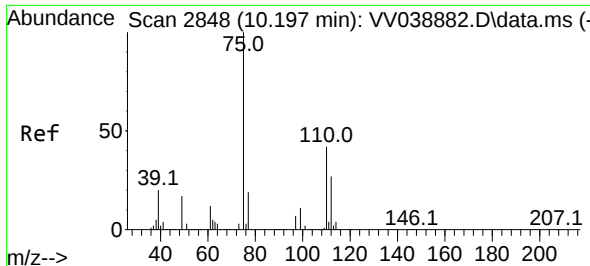
Tgt Ion: 43	Resp: 42
Ion Ratio	Lower Upper
43 100	
70 0.0	38.6 58.0#
55 0.0	21.8 32.8#
61 0.0	20.7 31.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.025 ug/l
RT: 10.175 min Scan# 2841
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 83	Resp:	195	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.4#	
85 0.0	32.6	97.7#	

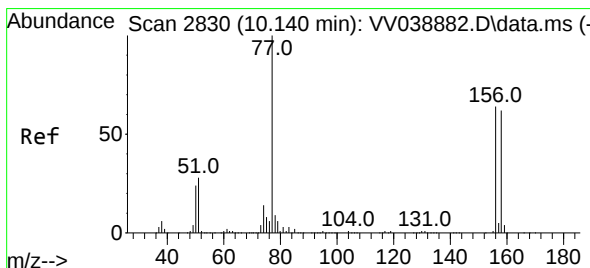
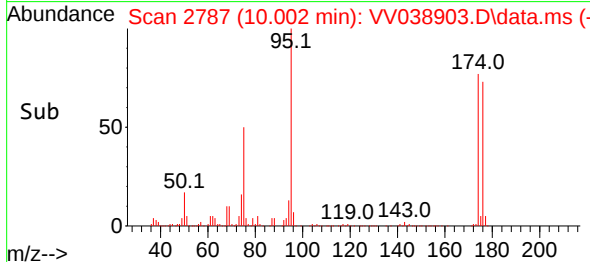
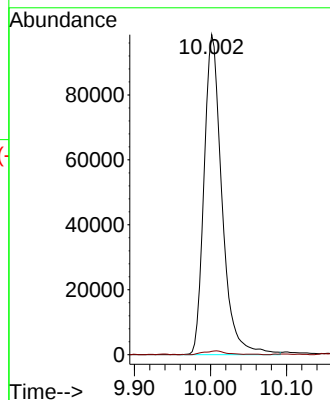
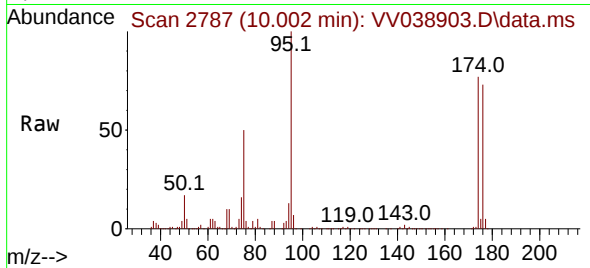




#76
1,2,3-Trichloropropane
Concen: 28.137 ug/l
RT: 10.002 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

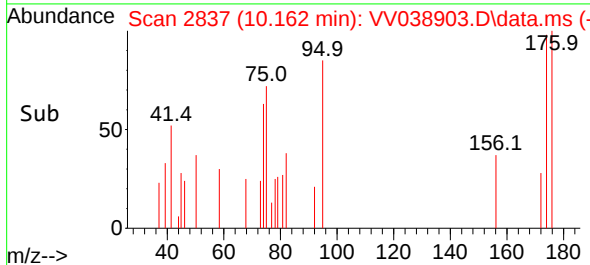
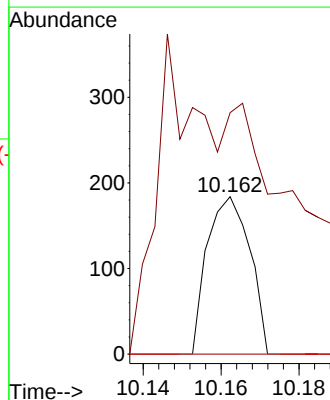
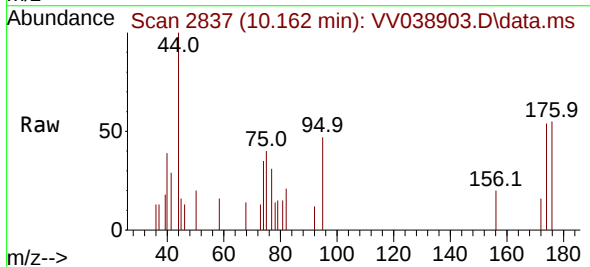
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

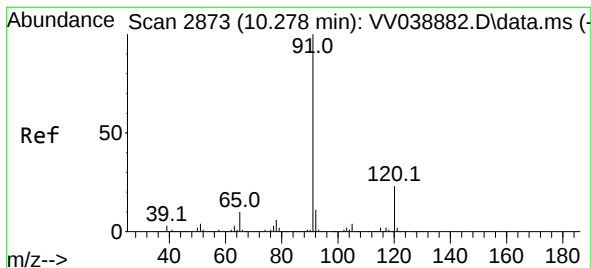
Tgt Ion: 75 Resp: 161370
Ion Ratio Lower Upper
75 100
77 1.5 17.4 52.3#



#77
Bromobenzene
Concen: 0.029 ug/l
RT: 10.162 min Scan# 2837
Delta R.T. 0.023 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 156 Resp: 140
Ion Ratio Lower Upper
156 100
77 231.4 77.2 231.6
158 0.0 48.4 145.3#





#78

n-propylbenzene

Concen: 0.015 ug/l

RT: 10.371 min Scan# 2902

Delta R.T. 0.093 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

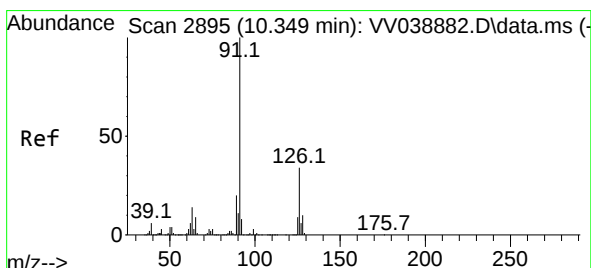
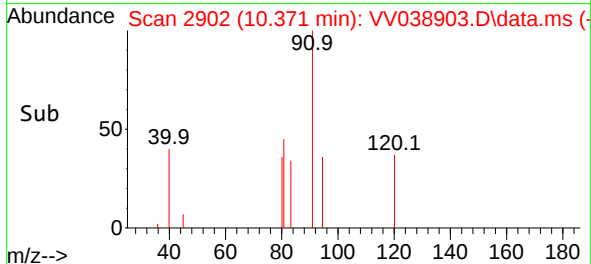
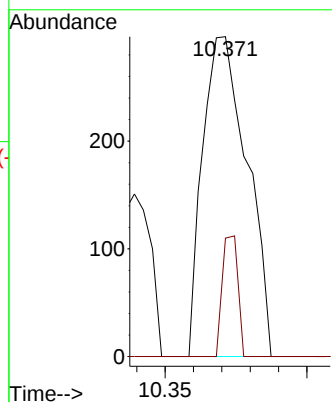
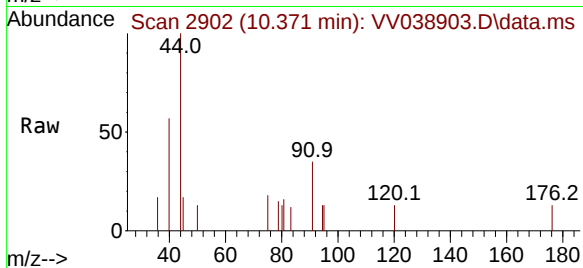
VV0716WBL02

Tgt Ion: 91 Resp: 324

Ion Ratio Lower Upper

91 100

120 13.3 11.6 34.8



#79

2-Chlorotoluene

Concen: 0.010 ug/l

RT: 10.526 min Scan# 2950

Delta R.T. 0.177 min

Lab File: VV038903.D

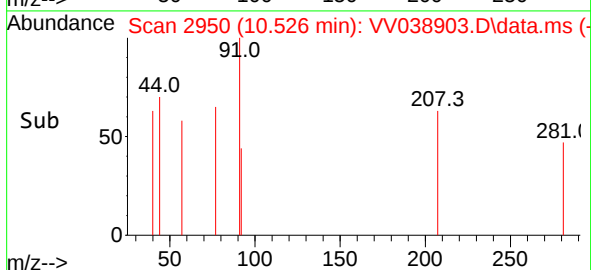
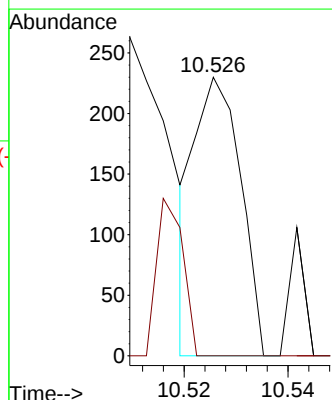
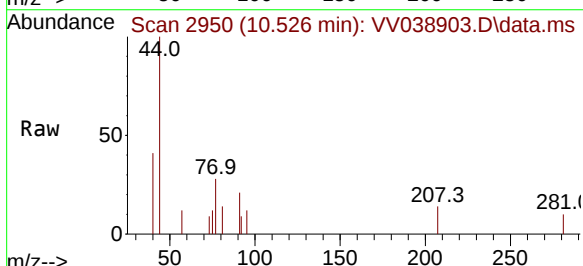
Acq: 16 Jul 2025 12:13

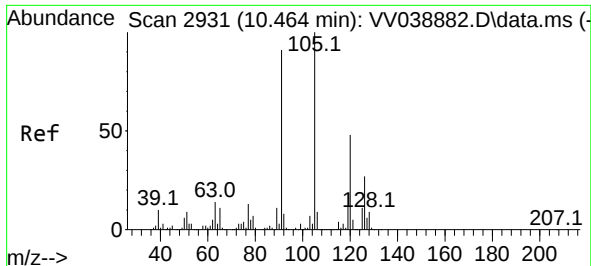
Tgt Ion: 91 Resp: 141

Ion Ratio Lower Upper

91 100

126 32.6 17.1 51.2

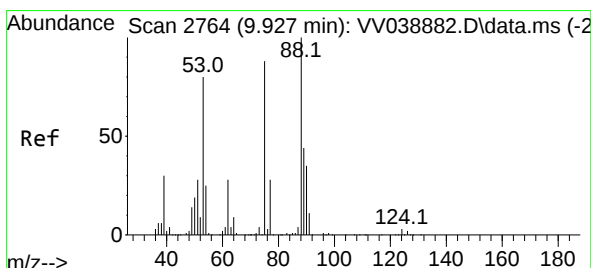
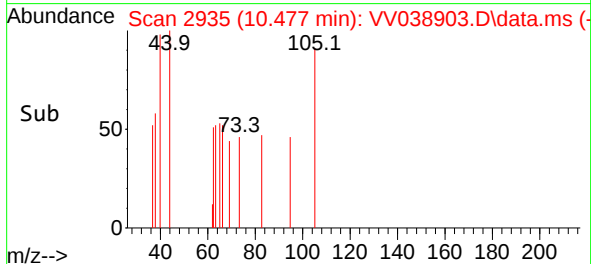
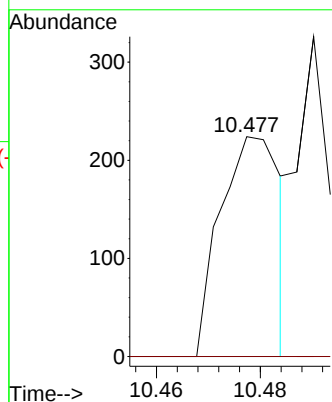
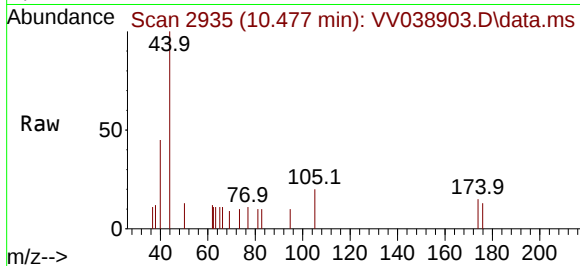




#80
 1,3,5-Trimethylbenzene
 Concen: 0.012 ug/l
 RT: 10.477 min Scan# 2931
 Delta R.T. 0.013 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

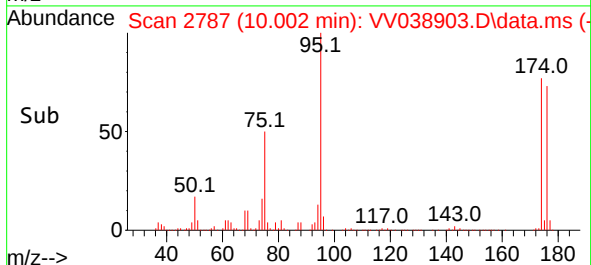
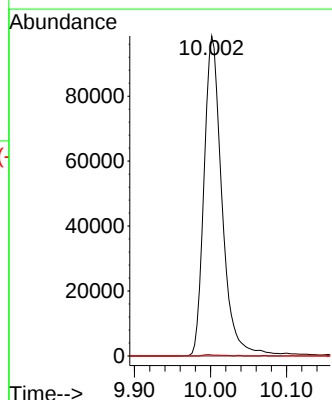
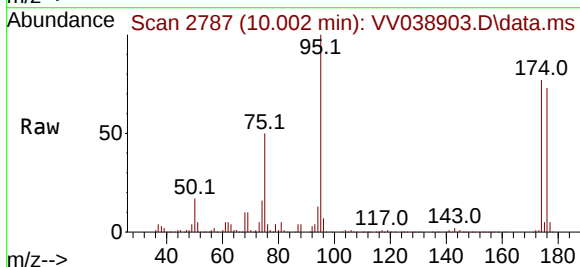
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

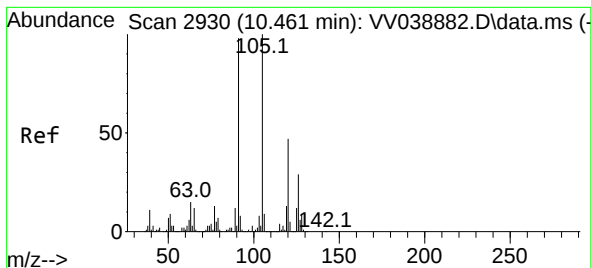
Tgt Ion:105 Resp: 180
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.662 ug/l
 RT: 10.002 min Scan# 2787
 Delta R.T. 0.074 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 75 Resp: 161370
 Ion Ratio Lower Upper
 75 100
 53 0.4 71.3 106.9#
 89 0.0 42.2 63.2#





#82

4-Chlorotoluene

Concen: 0.009 ug/l

RT: 10.526 min Scan# 2930

Delta R.T. 0.065 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

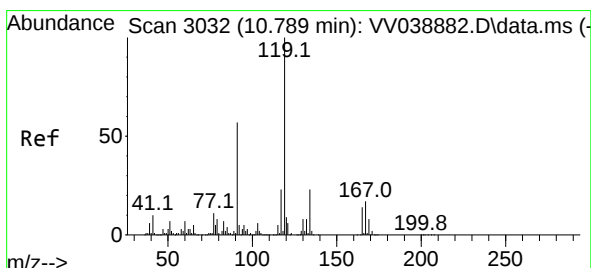
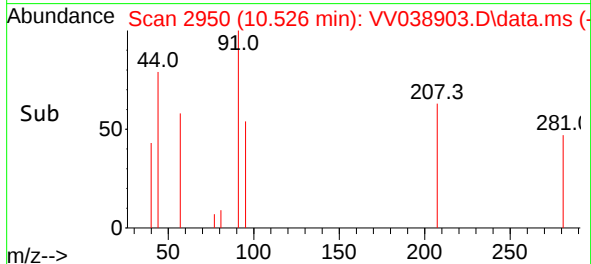
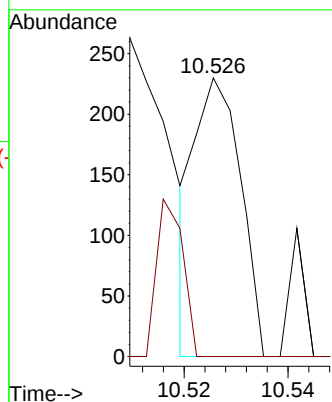
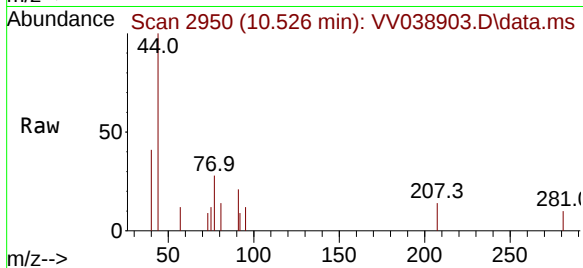
VV0716WBL02

Tgt Ion: 91 Resp: 141

Ion Ratio Lower Upper

91 100

126 32.6 14.9 44.9



#83

tert-Butylbenzene

Concen: 0.006 ug/l

RT: 10.809 min Scan# 3038

Delta R.T. 0.020 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

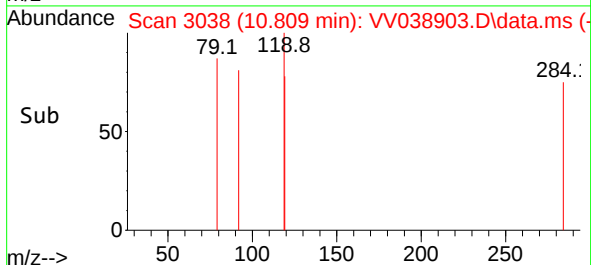
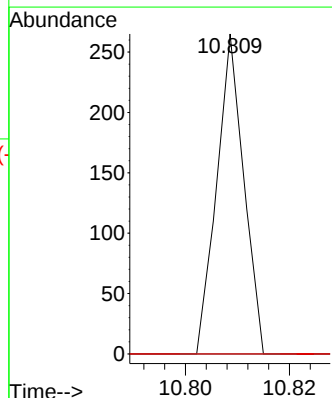
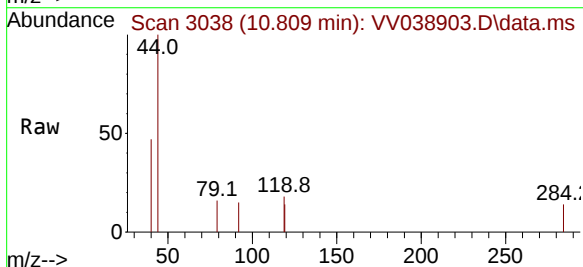
Tgt Ion: 119 Resp: 95

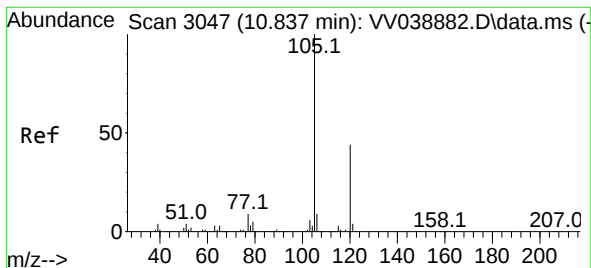
Ion Ratio Lower Upper

119 100

91 0.0 28.1 84.2#

134 0.0 11.4 34.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.017 ug/l

RT: 10.873 min Scan# 3047

Delta R.T. 0.036 min

Lab File: VV038903.D

Acq: 16 Jul 2025 12:13

Instrument :

MSVOA_V

ClientSampleId :

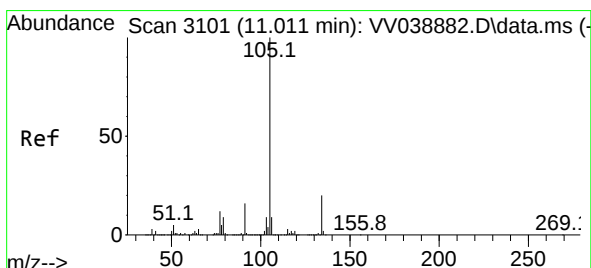
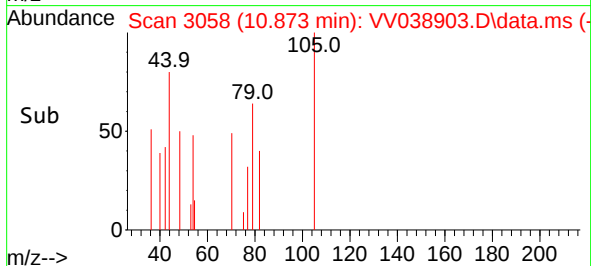
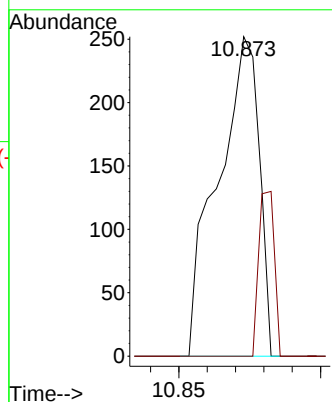
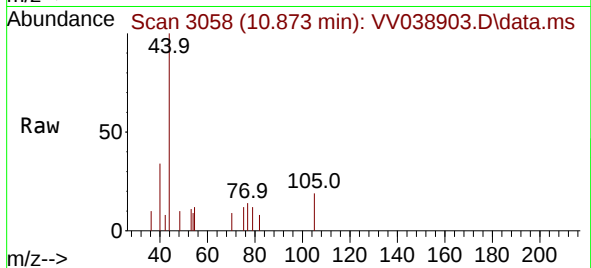
VV0716WBL02

Tgt Ion:105 Resp: 256

Ion Ratio Lower Upper

105 100

120 19.5 22.6 67.8#



#85

sec-Butylbenzene

Concen: 0.014 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038903.D

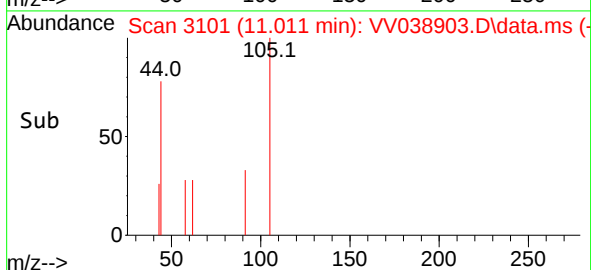
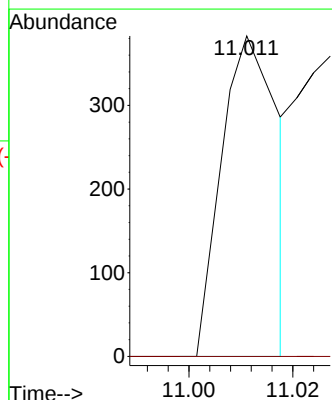
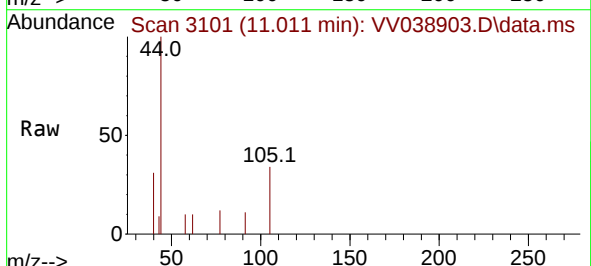
Acq: 16 Jul 2025 12:13

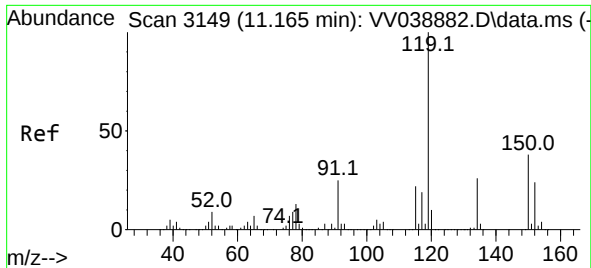
Tgt Ion:105 Resp: 285

Ion Ratio Lower Upper

105 100

134 0.0 9.9 29.7#

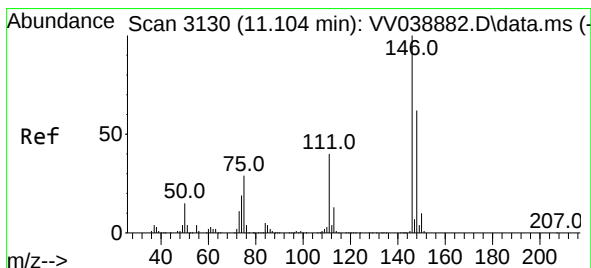
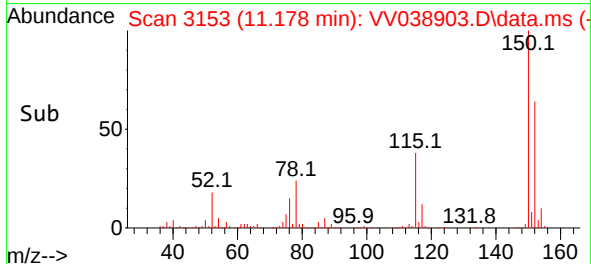
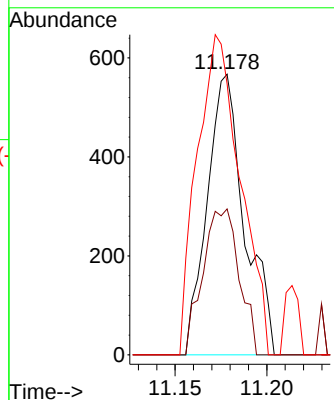
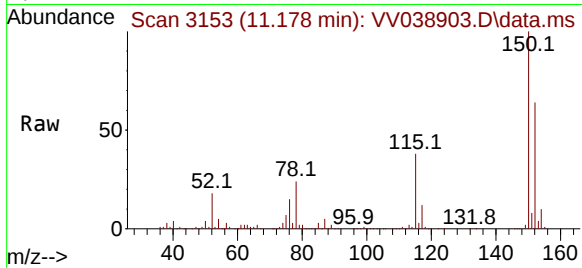




#86
 p-Isopropyltoluene
 Concen: 0.045 ug/l
 RT: 11.178 min Scan# 3149
 Delta R.T. 0.013 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

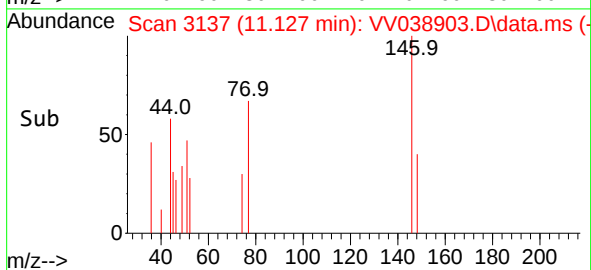
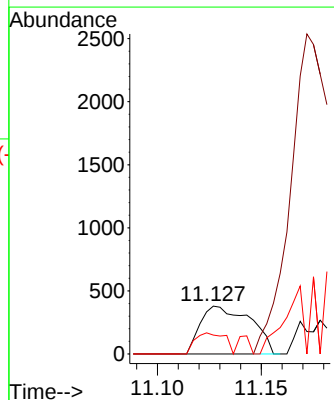
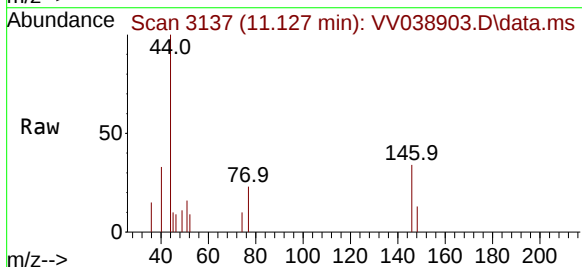
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

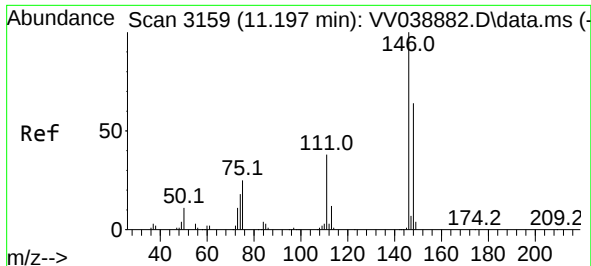
Tgt Ion:119 Resp: 803
 Ion Ratio Lower Upper
 119 100
 134 50.4 13.1 39.3#
 91 131.8 12.3 36.8#



#87
 1,3-Dichlorobenzene
 Concen: 0.064 ug/l
 RT: 11.127 min Scan# 3137
 Delta R.T. 0.023 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion:146 Resp: 636
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.2 60.5#
 148 26.1 31.4 94.3#

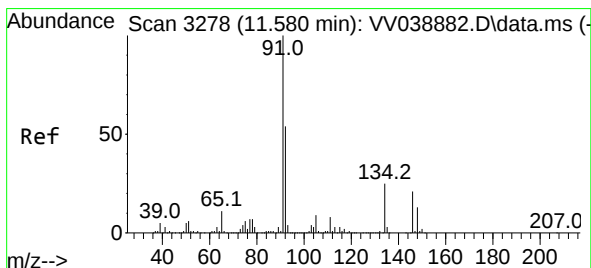
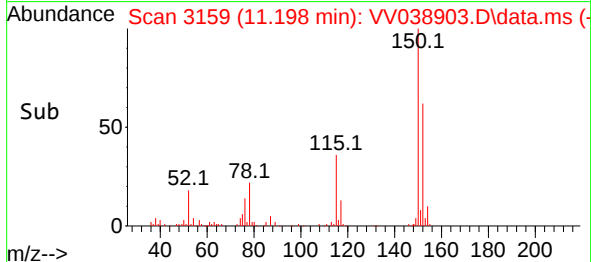
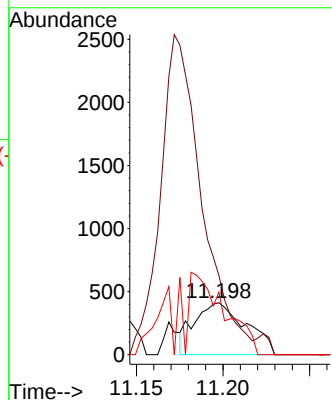
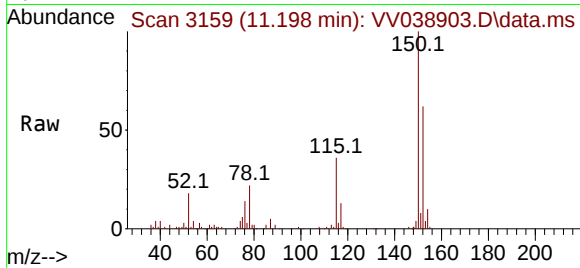




#88
 1,4-Dichlorobenzene
 Concen: 0.079 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

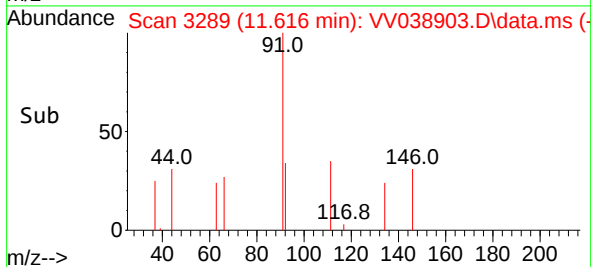
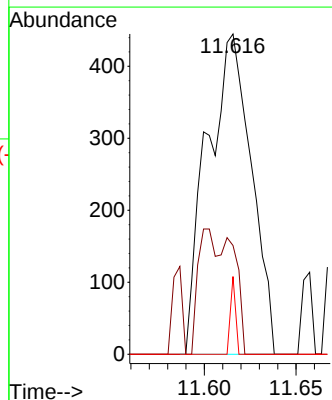
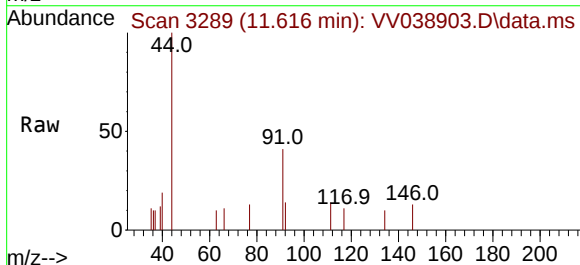
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

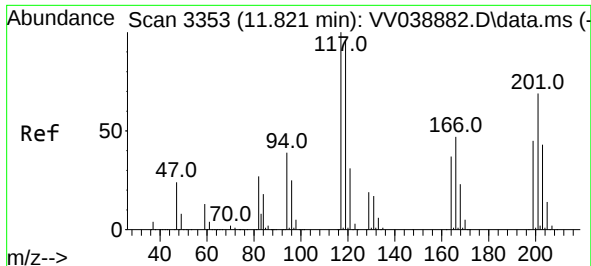
Tgt Ion:146 Resp: 851
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.8 59.3#
 148 121.4 32.1 96.5#



#89
 n-Butylbenzene
 Concen: 0.046 ug/l
 RT: 11.616 min Scan# 3289
 Delta R.T. 0.036 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Tgt Ion: 91 Resp: 745
 Ion Ratio Lower Upper
 91 100
 92 19.3 26.7 80.1#
 134 2.8 12.7 38.1#

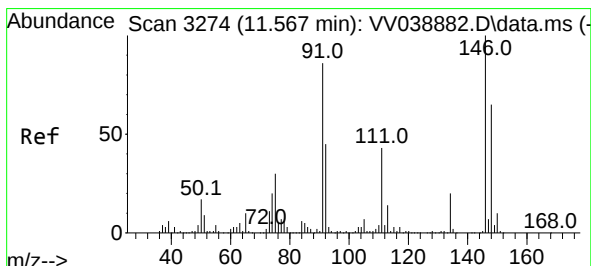
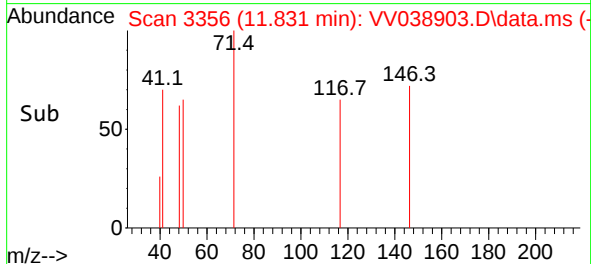
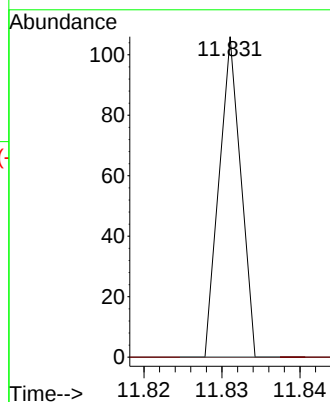
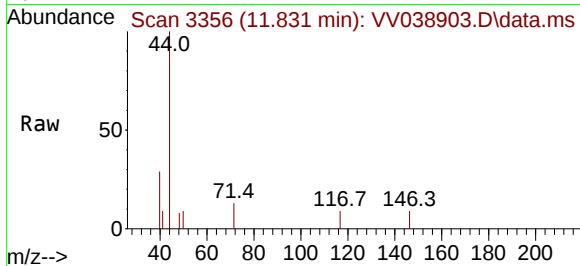




#90
Hexachloroethane
Concen: 0.005 ug/l
RT: 11.831 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

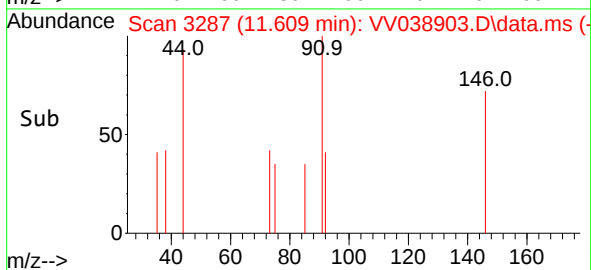
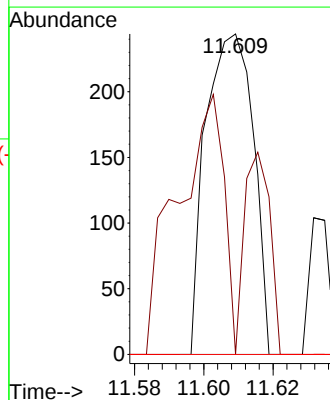
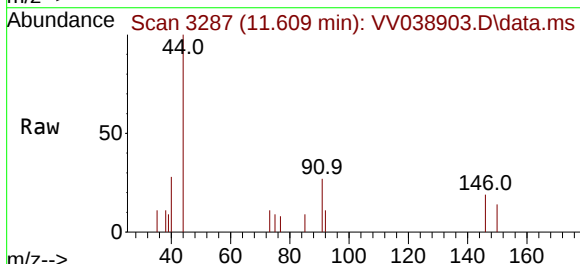
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

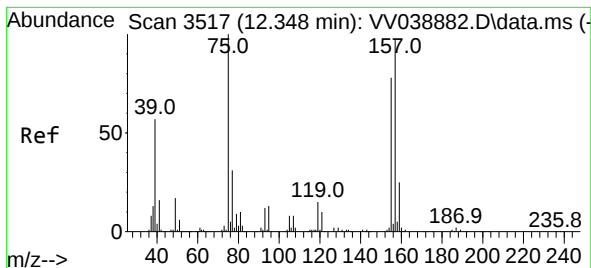
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#



#91
1,2-Dichlorobenzene
Concen: 0.024 ug/l
RT: 11.609 min Scan# 3287
Delta R.T. 0.042 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:146 Resp: 233
Ion Ratio Lower Upper
146 100
111 33.9 21.4 64.3
148 0.0 32.0 96.2#

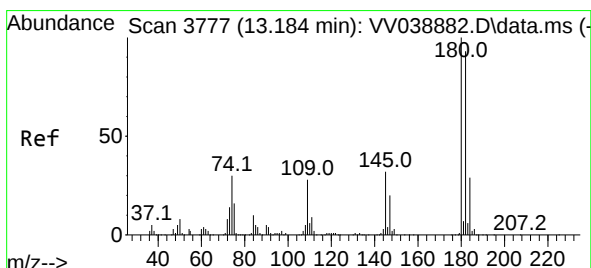
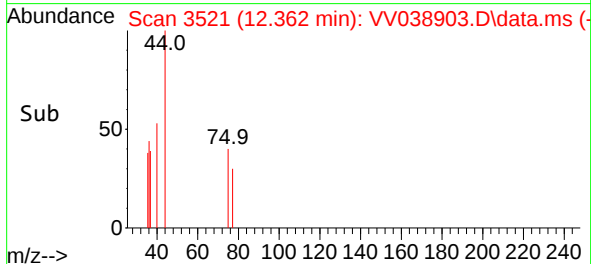
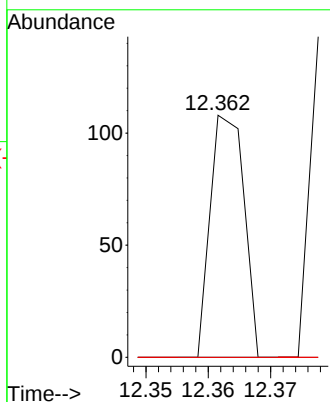
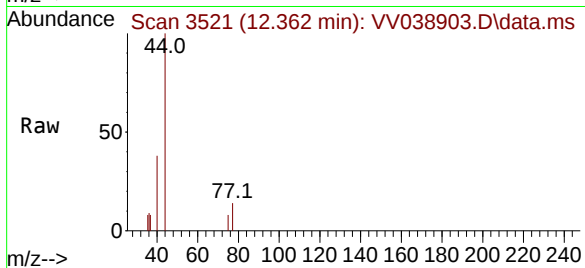




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.023 ug/l
RT: 12.362 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

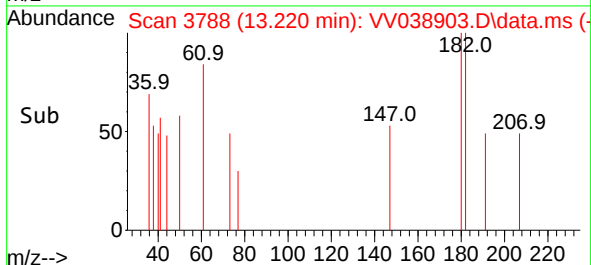
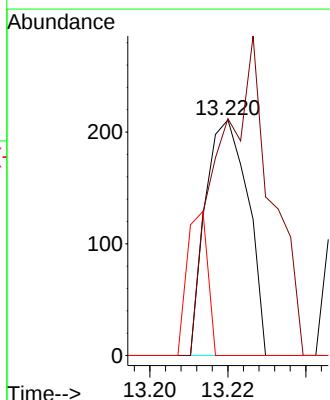
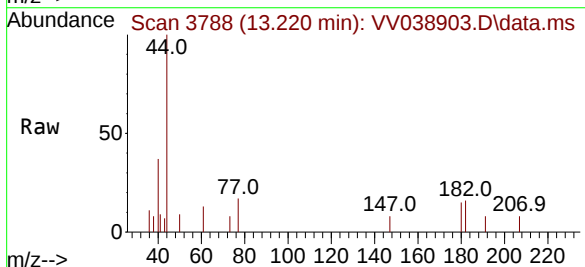
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

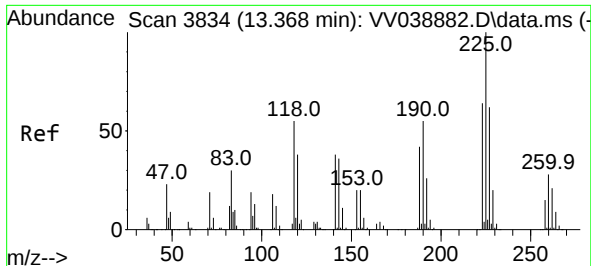
Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
155 0.0 40.2 120.6#
157 0.0 51.1 153.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.028 ug/l
RT: 13.220 min Scan# 3788
Delta R.T. 0.036 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion: 180 Resp: 160
Ion Ratio Lower Upper
180 100
182 165.6 47.4 142.3#
145 29.4 16.2 48.6

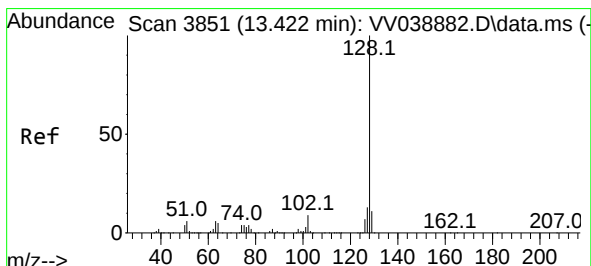
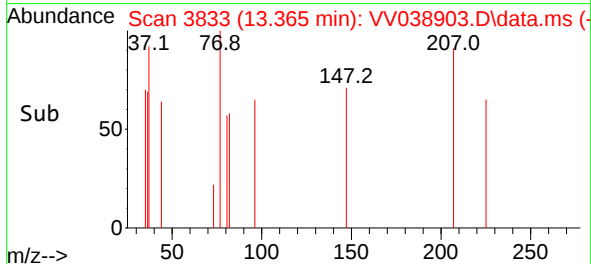
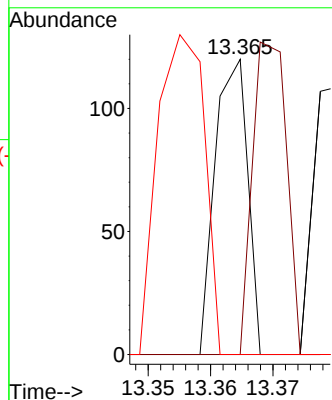
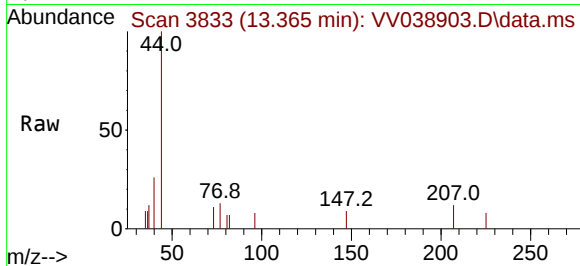




#94
Hexachlorobutadiene
Concen: 0.015 ug/l
RT: 13.365 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

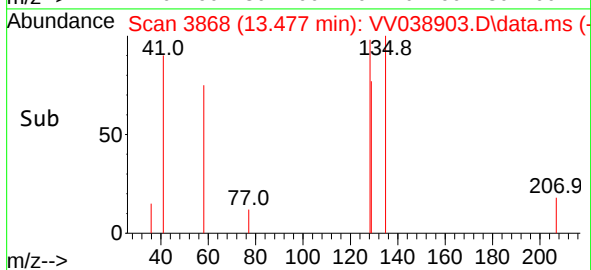
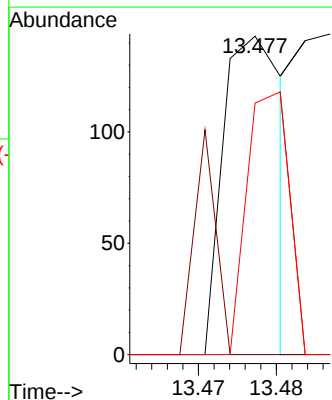
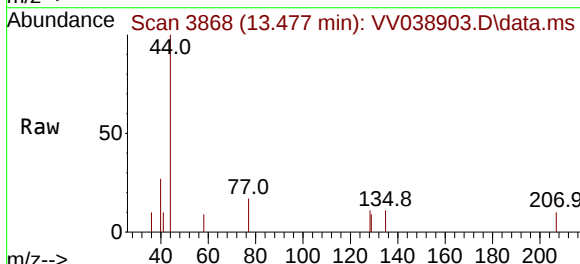
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL02

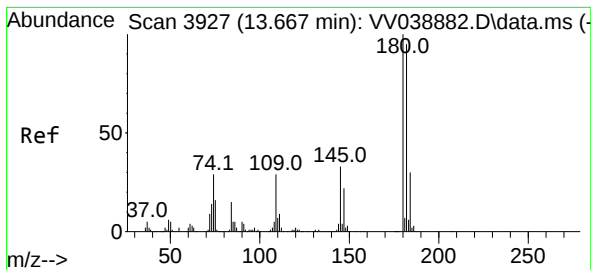
Tgt Ion:225 Resp: 43
Ion Ratio Lower Upper
225 100
223 111.6 32.4 97.2#
227 158.1 31.3 93.9#



#95
Naphthalene
Concen: 0.004 ug/l
RT: 13.477 min Scan# 3868
Delta R.T. 0.055 min
Lab File: VV038903.D
Acq: 16 Jul 2025 12:13

Tgt Ion:128 Resp: 77
Ion Ratio Lower Upper
128 100
127 24.7 10.5 15.7#
129 58.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.019 ug/l
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.019 min
 Lab File: VV038903.D
 Acq: 16 Jul 2025 12:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.0	141.2#
145	0.0	17.0	51.0#

