

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038902.D
 Acq On : 16 Jul 2025 11:49
 Operator : SY/MD
 Sample : VV0716WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

Quant Time: Jul 17 06:12:26 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	4.597	168	528643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	928044	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	804881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	299785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	368229	57.009	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 114.020%	
35) Dibromofluoromethane	4.500	113	309285	48.880	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 97.760%	
50) Toluene-d8	7.236	98	990147	51.770	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	10.001	95	331749	43.058	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 86.120%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.121	85	142	0.031	ug/l #	42
3) Chloromethane	1.230	50	993	0.198	ug/l #	85
4) Vinyl Chloride	1.298	62	176	0.031	ug/l #	42
5) Bromomethane	1.500	94	1752	0.407	ug/l #	77
6) Chloroethane	1.558	64	49	0.013	ug/l #	42
7) Trichlorofluoromethane	1.735	101	19	0.002	ug/l #	18
8) Diethyl Ether	1.912	74	19	0.005	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.015	101	45	0.007	ug/l #	19
10) Methyl Iodide	2.198	142	1845	0.265	ug/l	97
11) Tert butyl alcohol	2.564	59	140	0.094	ug/l #	34
12) 1,1-Dichloroethene	2.069	96	237	0.043	ug/l #	16
13) Acrolein	1.979	56	44	0.205	ug/l #	14
14) Allyl chloride	2.333	41	773	0.088	ug/l #	50
15) Acrylonitrile	2.674	53	487	0.128	ug/l #	31
16) Acetone	2.124	43	1381	0.494	ug/l	94
17) Carbon Disulfide	2.256	76	1530	0.133	ug/l #	60
18) Methyl Acetate	2.375	43	206	0.022	ug/l #	1
19) Methyl tert-butyl Ether	2.722	73	40	0.002	ug/l #	56
20) Methylene Chloride	2.455	84	1330	0.188	ug/l	91
21) trans-1,2-Dichloroethene	2.709	96	219	0.037	ug/l #	49
22) Diisopropyl ether	3.220	45	110	0.006	ug/l #	55
23) Vinyl Acetate	3.195	43	102	0.007	ug/l #	69
24) 1,1-Dichloroethane	3.114	63	259	0.022	ug/l #	81
25) 2-Butanone	3.860	43	80	0.020	ug/l #	45
26) 2,2-Dichloropropane	3.857	77	22	0.002	ug/l #	53
27) cis-1,2-Dichloroethene	3.844	96	94	0.014	ug/l	78
28) Bromochloromethane	4.156	49	20	0.004	ug/l #	8
29) Tetrahydrofuran	4.227	42	43	0.016	ug/l #	64
30) Chloroform	4.291	83	333	0.026	ug/l #	17
31) Cyclohexane	4.590	56	10427	1.377	ug/l #	8
32) 1,1,1-Trichloroethane	4.510	97	76	0.007	ug/l #	25
36) 1,1-Dichloropropene	4.597	75	44298	6.092	ug/l #	48
37) Ethyl Acetate	3.963	43	45	0.005	ug/l #	68
38) Carbon Tetrachloride	4.597	117	56817	5.882	ug/l #	17
39) Methylcyclohexane	6.059	83	113	0.013	ug/l #	64
40) Benzene	5.011	78	70	0.003	ug/l #	52

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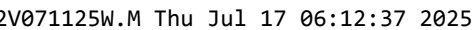
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 ClientSampleId :
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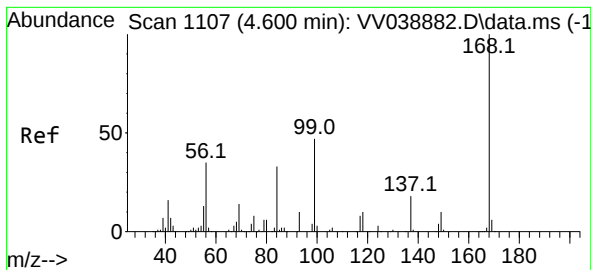
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 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.143	41	42	0.011	ug/l #	1
42) 1,2-Dichloroethane	5.015	62	48	0.005	ug/l #	1
43) Isopropyl Acetate	5.195	43	21	0.002	ug/l #	58
44) Trichloroethene	5.950	130	21	0.003	ug/l	2
45) 1,2-Dichloropropane	6.085	63	128	0.020	ug/l #	44
46) Dibromomethane	6.262	93	71	0.014	ug/l #	40
47) Bromodichloromethane	6.474	83	22	0.002	ug/l #	25
48) Methyl methacrylate	6.288	41	65	0.011	ug/l #	9
49) 1,4-Dioxane	6.272	88	41	0.324	ug/l #	1
51) 4-Methyl-2-Pentanone	7.240	43	3625	0.393	ug/l #	1
52) Toluene	7.323	92	54	0.003	ug/l #	1
53) t-1,3-Dichloropropene	7.641	75	75	0.008	ug/l #	42
54) cis-1,3-Dichloropropene	6.986	75	78	0.007	ug/l #	38
55) 1,1,2-Trichloroethane	7.805	97	43	0.006	ug/l #	16
56) Ethyl methacrylate	7.622	69	41	0.005	ug/l #	1
57) 1,3-Dichloropropane	7.973	76	73	0.007	ug/l #	41
58) 2-Chloroethyl Vinyl ether	6.818	63	120	0.023	ug/l #	45
59) 2-Hexanone	8.079	43	22	0.003	ug/l #	21
60) Dibromochloromethane	8.191	129	19	0.002	ug/l #	10
65) Chlorobenzene	8.812	112	579	0.033	ug/l	99
67) Ethyl Benzene	8.966	91	309	0.012	ug/l #	44
68) m/p-Xylenes	9.104	106	109	0.011	ug/l #	57
69) o-Xylene	9.619	106	48	0.005	ug/l #	1
70) Styrene	9.461	104	19	0.001	ug/l #	1
71) Bromoform	9.667	173	83	0.015	ug/l #	30
73) Isopropylbenzene	9.866	105	408	0.023	ug/l #	49
74) N-amyl acetate	9.754	43	40	0.006	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	10.210	83	48	0.006	ug/l #	25
76) 1,2,3-Trichloropropane	10.001	75	167613	30.072	ug/l #	42
77) Bromobenzene	10.146	156	67	0.014	ug/l	63
78) n-propylbenzene	10.294	91	275	0.013	ug/l #	52
79) 2-Chlorotoluene	10.545	91	76	0.006	ug/l	91
80) 1,3,5-Trimethylbenzene	10.468	105	46	0.003	ug/l #	29
81) trans-1,4-Dichloro-2-b...	10.001	75	167613	73.384	ug/l #	13
82) 4-Chlorotoluene	10.545	91	76	0.005	ug/l	98
83) tert-Butylbenzene	10.799	119	46	0.003	ug/l #	1
84) 1,2,4-Trimethylbenzene	10.818	105	45	0.003	ug/l	98
85) sec-Butylbenzene	11.021	105	598	0.030	ug/l #	64
86) p-Isopropyltoluene	11.159	119	139	0.008	ug/l #	50
87) 1,3-Dichlorobenzene	11.127	146	429	0.045	ug/l #	65
88) 1,4-Dichlorobenzene	11.204	146	1220	0.117	ug/l #	25
89) n-Butylbenzene	11.606	91	700	0.045	ug/l #	80
90) Hexachloroethane	11.599	117	21	0.005	ug/l #	16
91) 1,2-Dichlorobenzene	11.593	146	218	0.023	ug/l #	41
92) 1,2-Dibromo-3-Chloropr...	12.387	75	49	0.029	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.217	180	303	0.055	ug/l #	12
94) Hexachlorobutadiene	13.371	225	282	0.100	ug/l #	66
95) Naphthalene	13.451	128	41	0.002	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.689	180	74	0.013	ug/l #	1

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038902.D

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Instrument :

MSVOA_V

ClientSampleId :

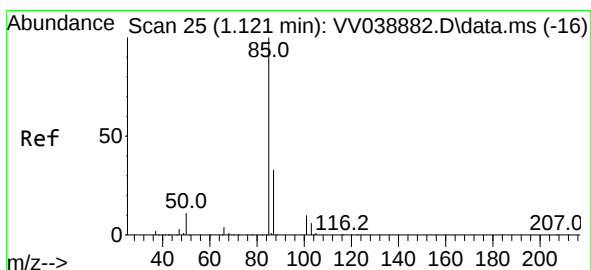
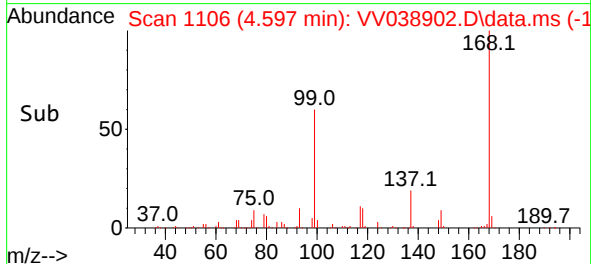
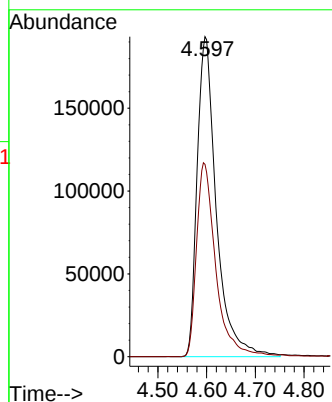
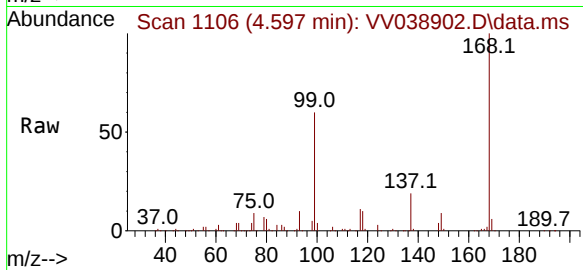
VV0716WBL01

Tgt Ion:168 Resp: 528643

Ion Ratio Lower Upper

168 100

99 60.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.031 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038902.D

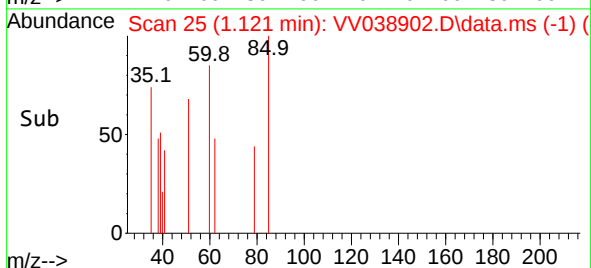
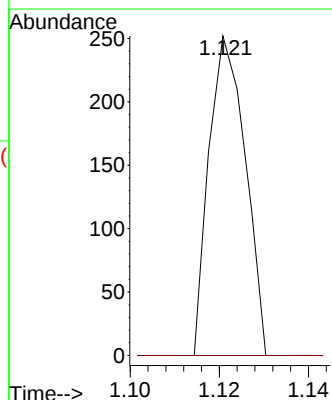
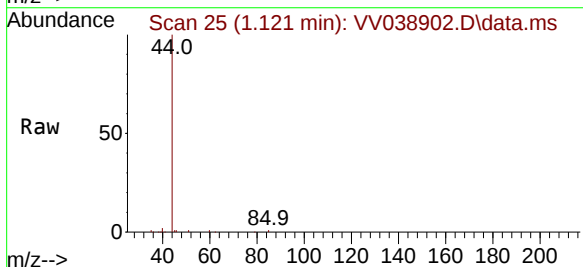
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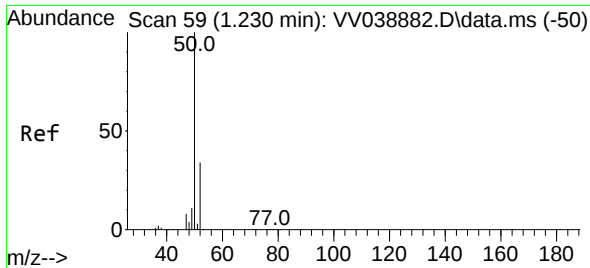
Tgt Ion: 85 Resp: 142

Ion Ratio Lower Upper

85 100

87 0.0 16.3 48.8#

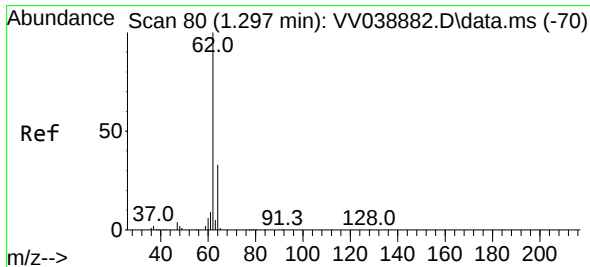
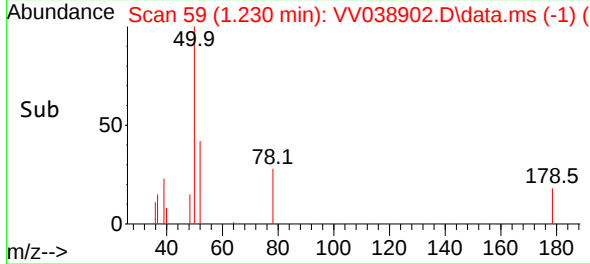
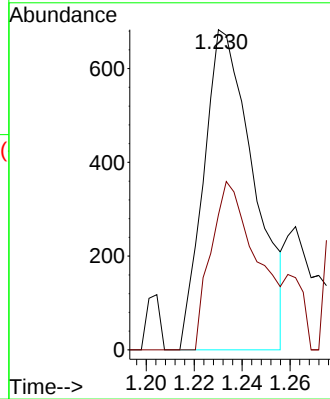
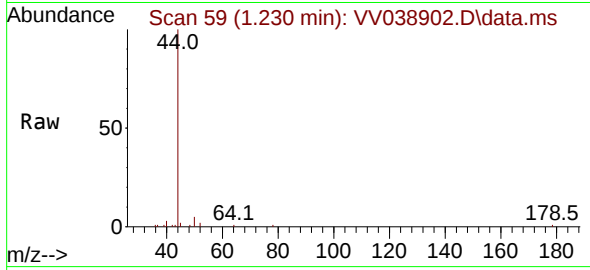




#3
Chloromethane
Concen: 0.198 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

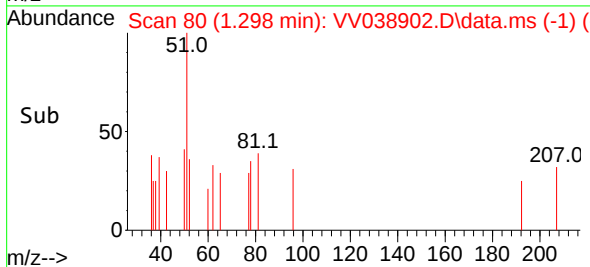
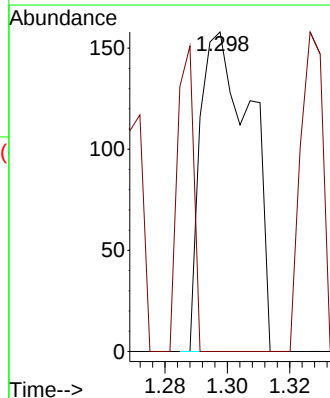
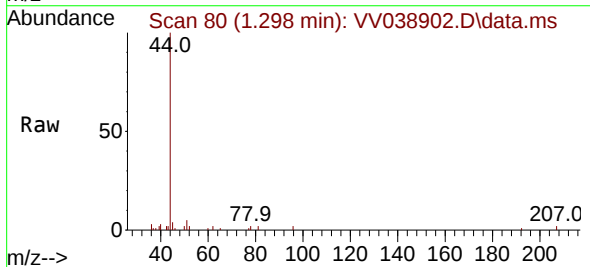
Instrument :
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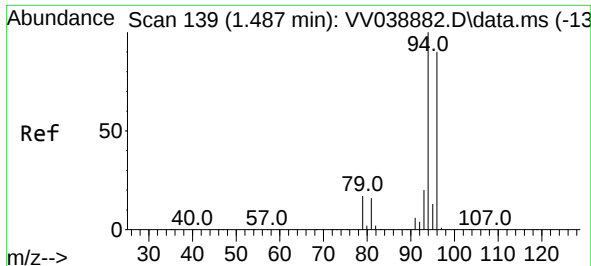
Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 42.2 26.9 40.3#



#4
Vinyl Chloride
Concen: 0.031 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.001 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 62 Resp: 176
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.2#

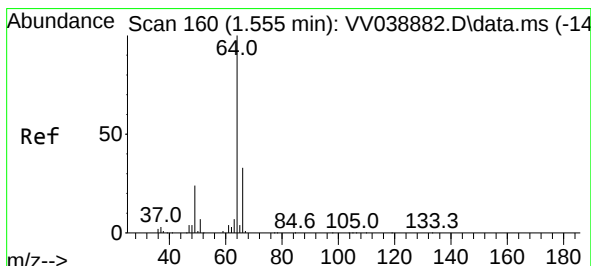
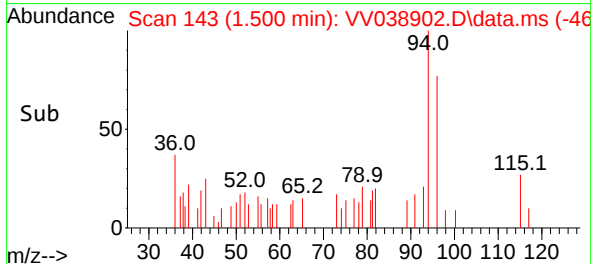
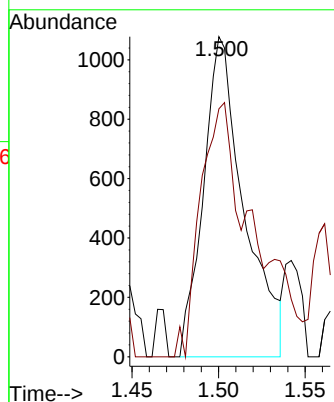
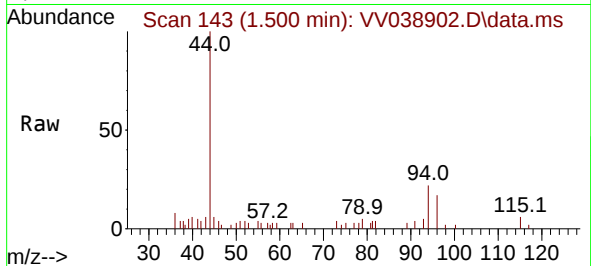




#5
Bromomethane
Concen: 0.407 ug/l
RT: 1.500 min Scan# 143
Delta R.T. 0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

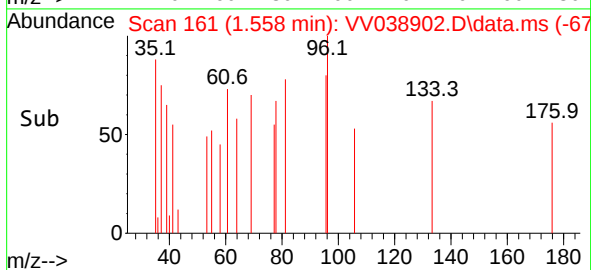
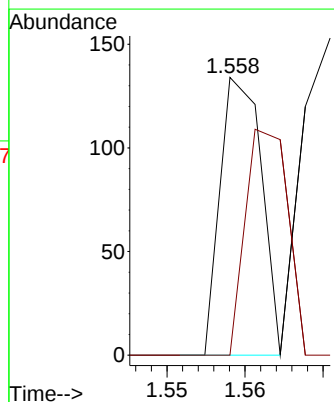
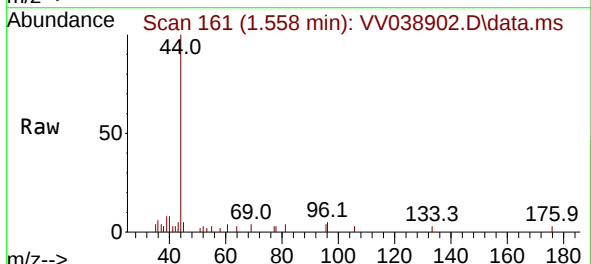
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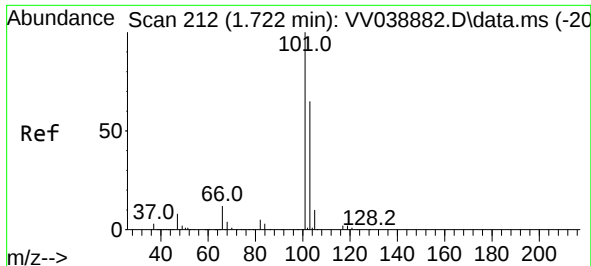
Tgt Ion: 94 Resp: 1752
Ion Ratio Lower Upper
94 100
96 68.1 71.9 107.9#



#6
Chloroethane
Concen: 0.013 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 64 Resp: 49
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.2#

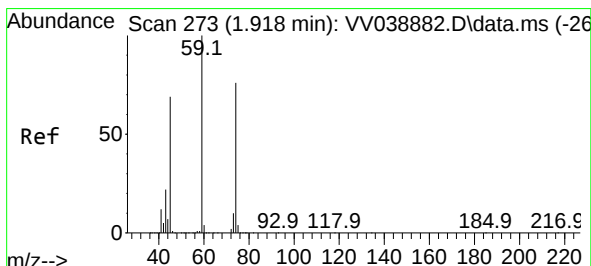
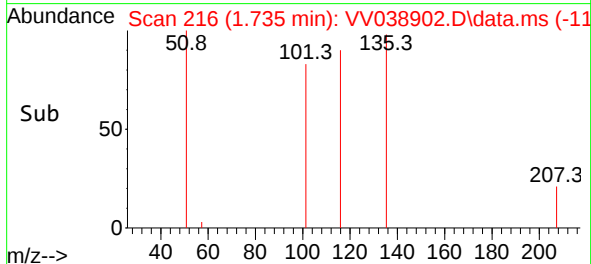
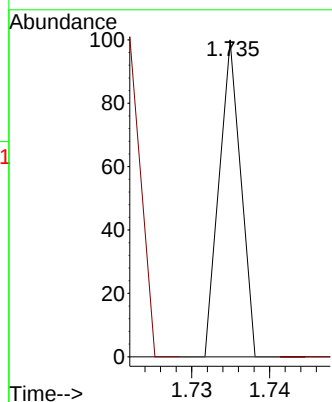
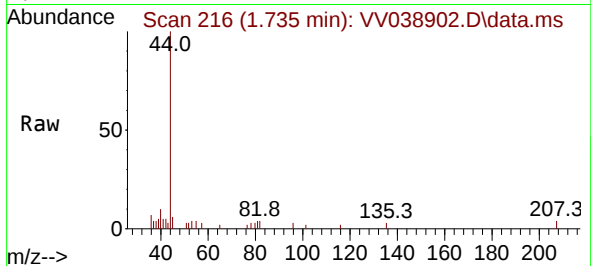




#7
 Trichlorofluoromethane
 Concen: 0.002 ug/l
 RT: 1.735 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

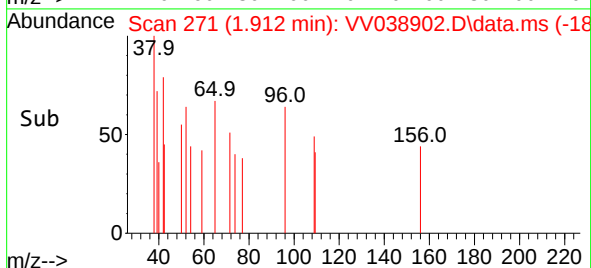
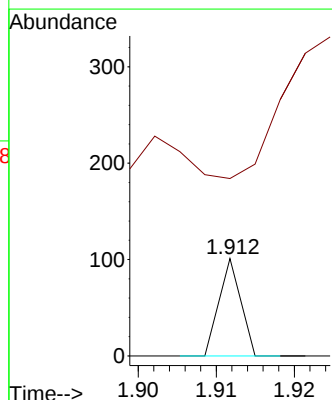
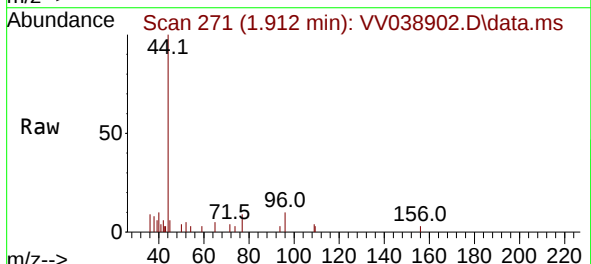
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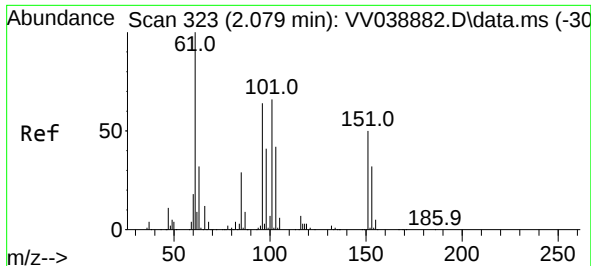
Tgt Ion:101 Resp: 19
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.8 77.6#



#8
 Diethyl Ether
 Concen: 0.005 ug/l
 RT: 1.912 min Scan# 271
 Delta R.T. -0.006 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 74 Resp: 19
 Ion Ratio Lower Upper
 74 100
 45 373.7 45.5 136.5#

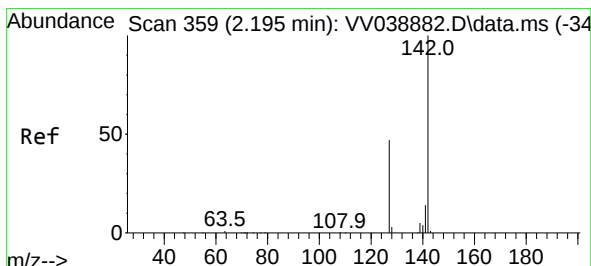
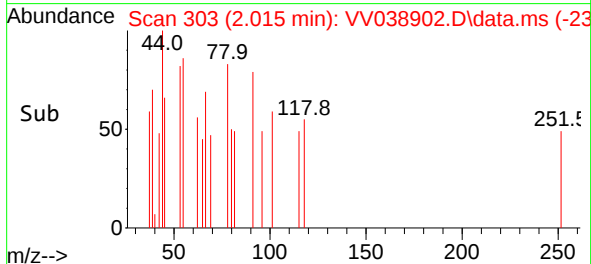
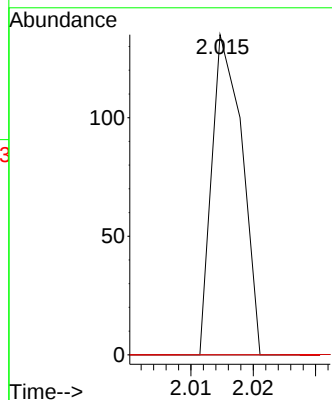
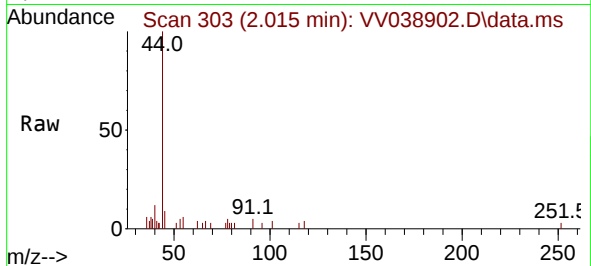




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.007 ug/l
RT: 2.015 min Scan# 30
Delta R.T. -0.064 min
Lab File: VV038902.D
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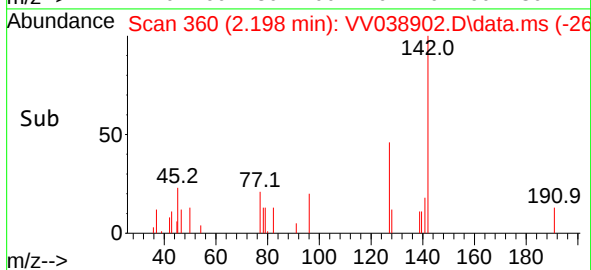
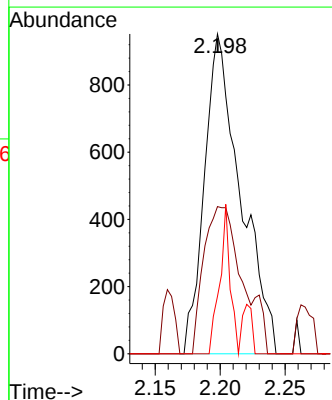
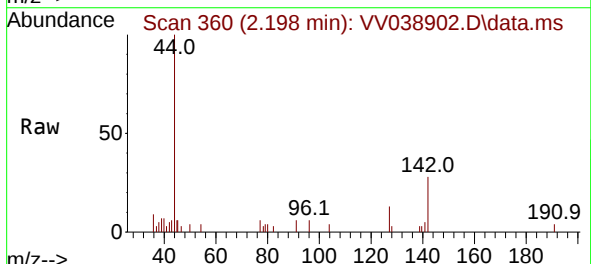
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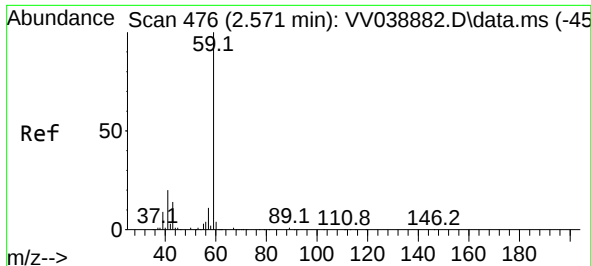
Tgt Ion:101 Resp: 45
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.6#
151 0.0 60.1 90.1#



#10
Methyl Iodide
Concen: 0.265 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:142 Resp: 1845
Ion Ratio Lower Upper
142 100
127 49.3 37.3 55.9
141 13.4 11.2 16.8

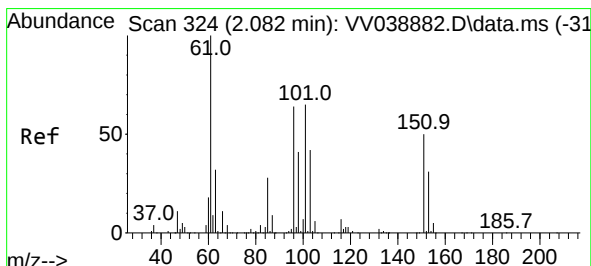
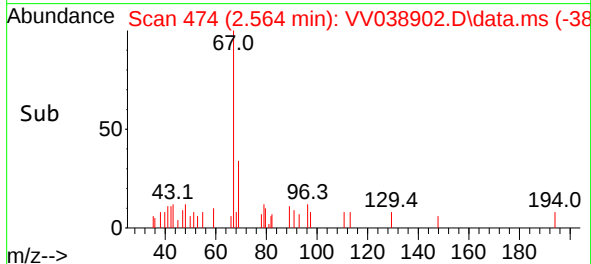
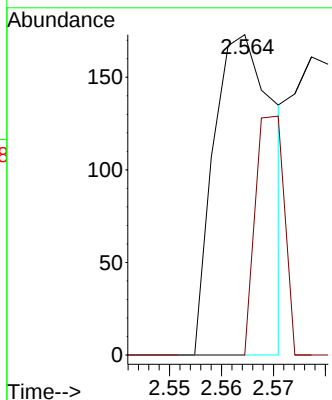
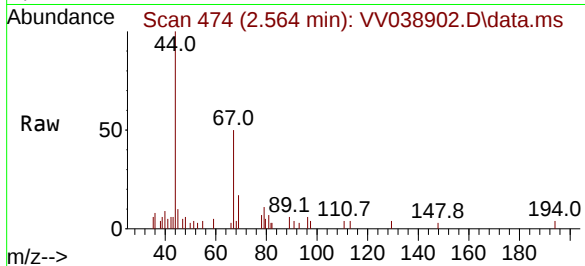




#11
Tert butyl alcohol
Concen: 0.094 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

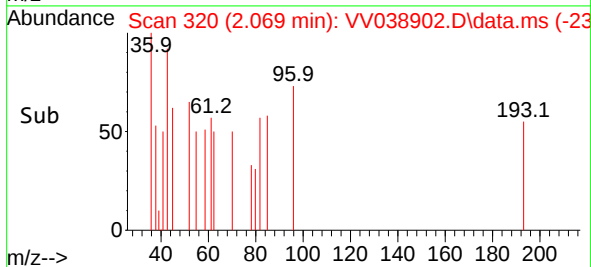
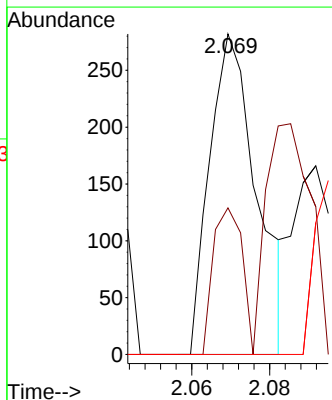
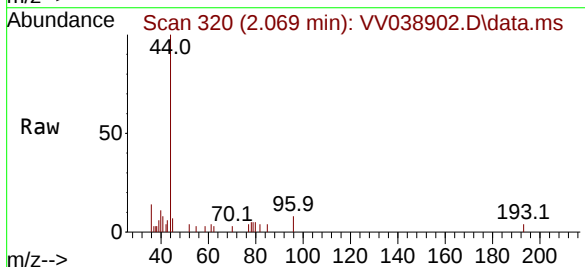
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

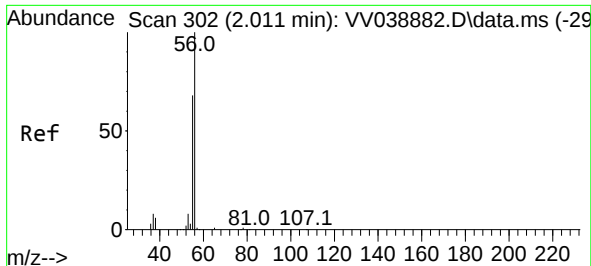
Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 35.7 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.043 ug/l
RT: 2.069 min Scan# 320
Delta R.T. -0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 96 Resp: 237
Ion Ratio Lower Upper
96 100
61 45.7 124.1 186.1#
98 0.0 50.6 75.8#

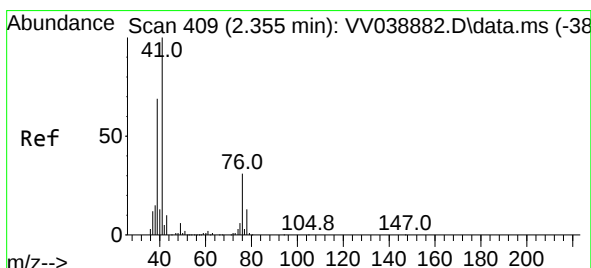
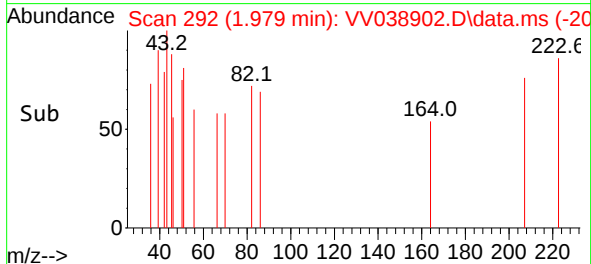
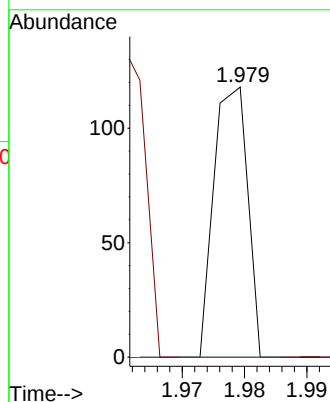
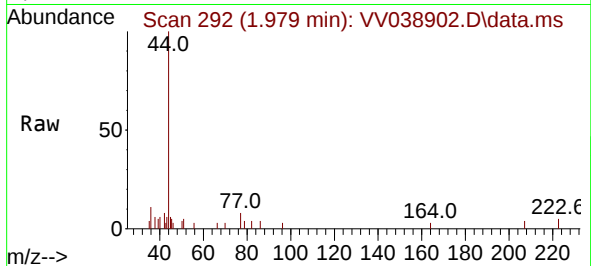




#13
Acrolein
Concen: 0.205 ug/l
RT: 1.979 min Scan# 24
Delta R.T. -0.032 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

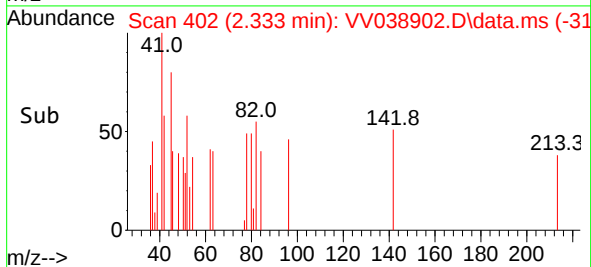
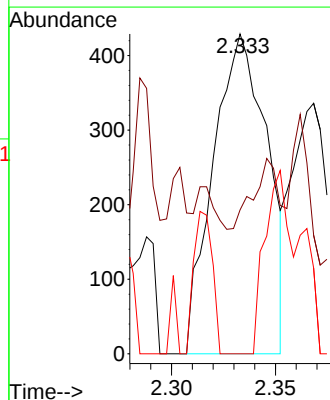
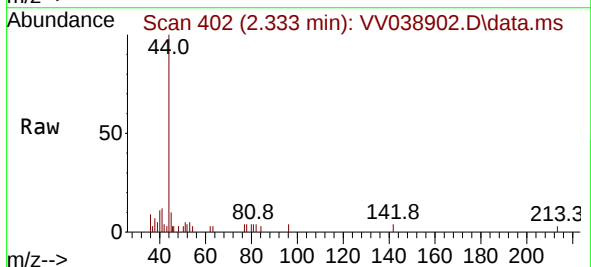
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

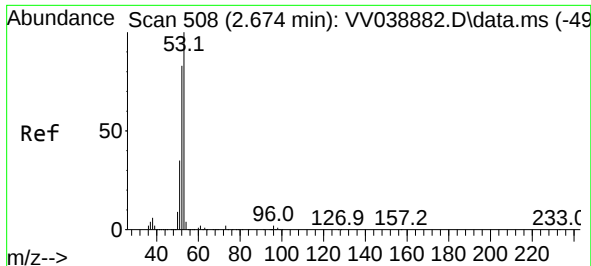
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#



#14
Allyl chloride
Concen: 0.088 ug/l
RT: 2.333 min Scan# 402
Delta R.T. -0.022 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 41 Resp: 773
Ion Ratio Lower Upper
41 100
39 9.8 50.6 76.0#
76 26.5 30.4 45.6#

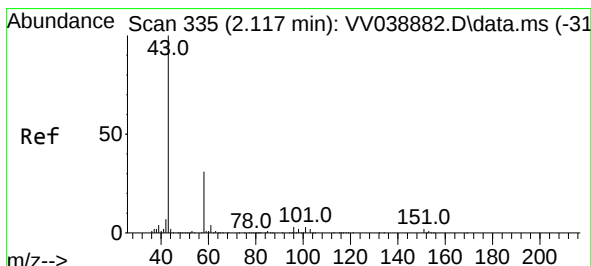
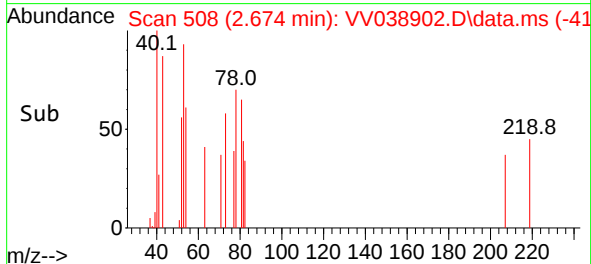
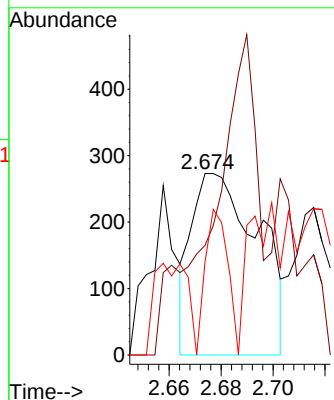
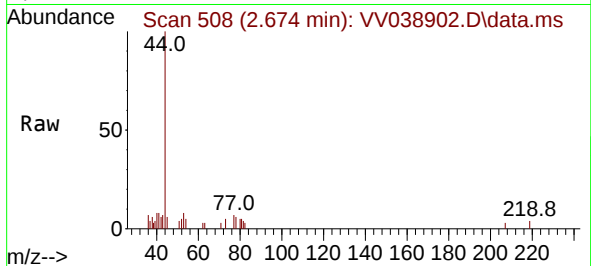




#15
Acrylonitrile
Concen: 0.128 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

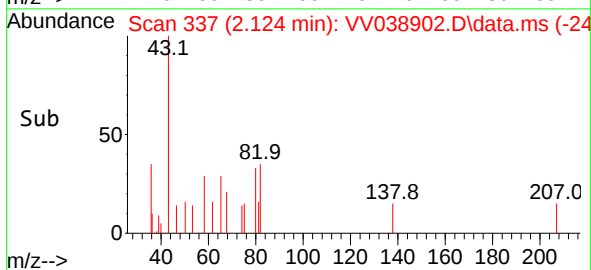
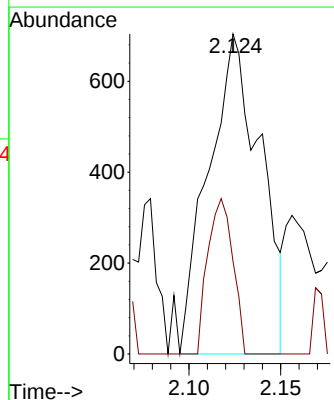
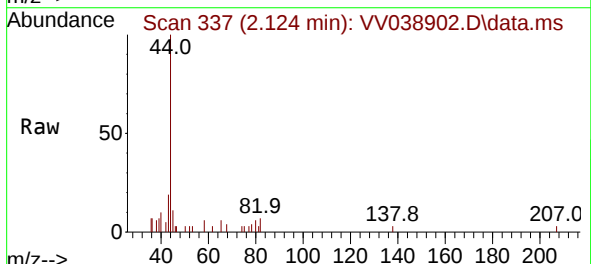
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

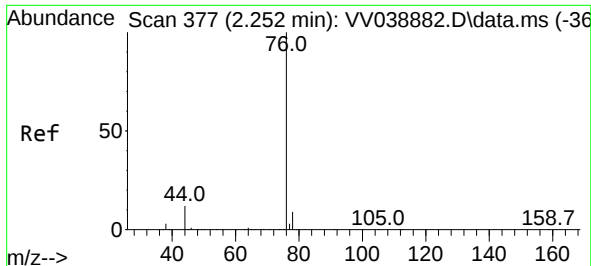
Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	26.9	28.7	43.1#



#16
Acetone
Concen: 0.494 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.8	38.6

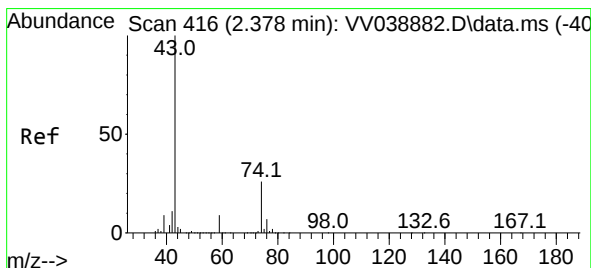
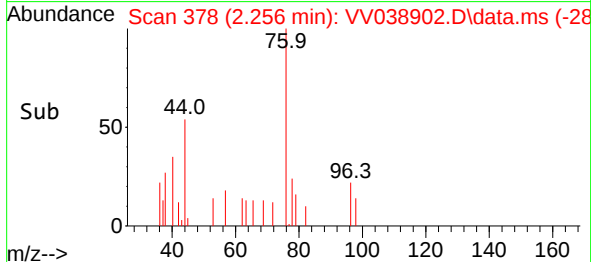
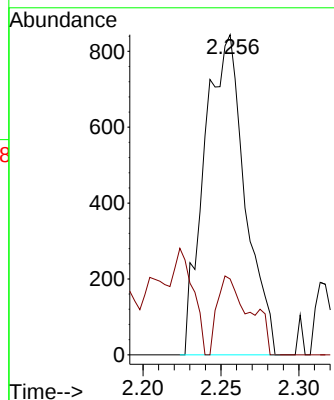
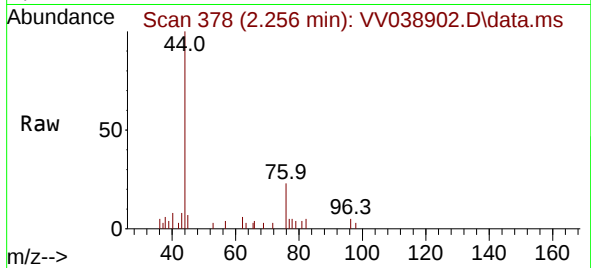




#17
Carbon Disulfide
Concen: 0.133 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.004 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

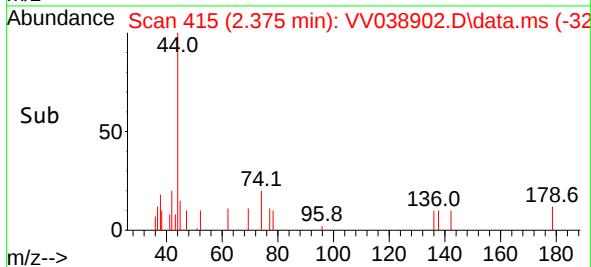
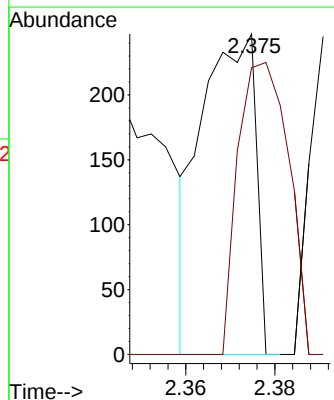
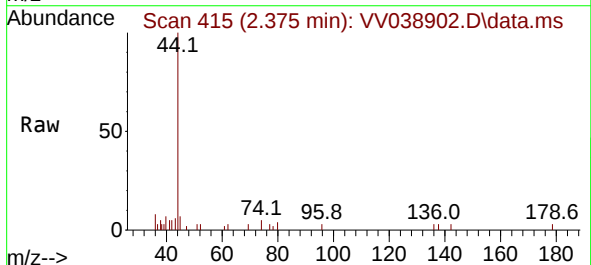
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

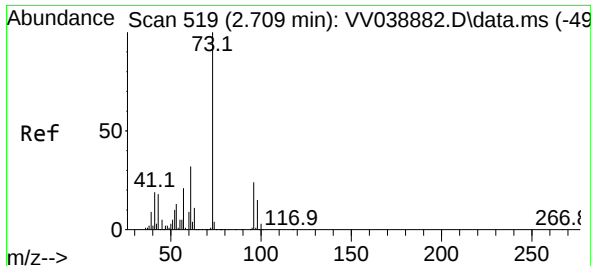
Tgt Ion: 76 Resp: 1530
Ion Ratio Lower Upper
76 100
78 23.7 7.4 11.2#



#18
Methyl Acetate
Concen: 0.022 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
74 86.4 21.1 31.7#

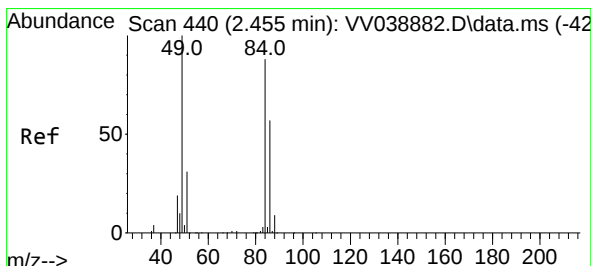
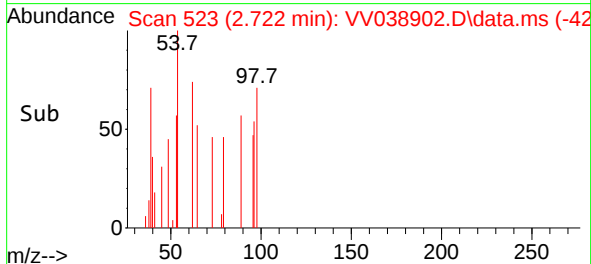
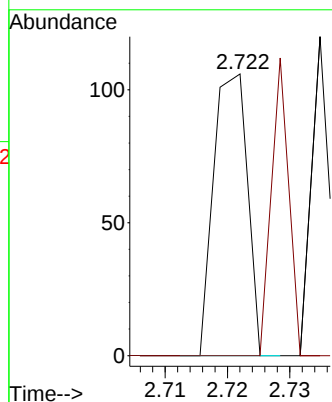
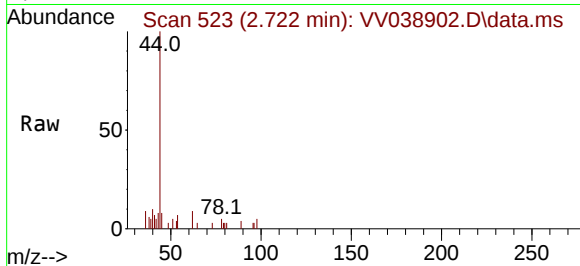




#19
Methyl tert-butyl Ether
Concen: 0.002 ug/l
RT: 2.722 min Scan# 519
Delta R.T. 0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

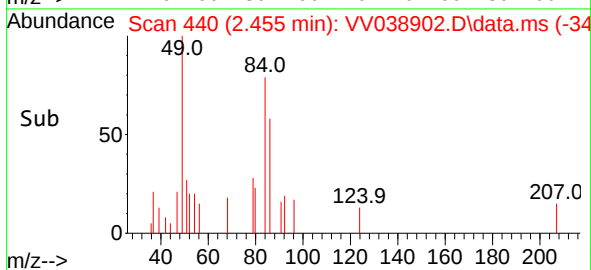
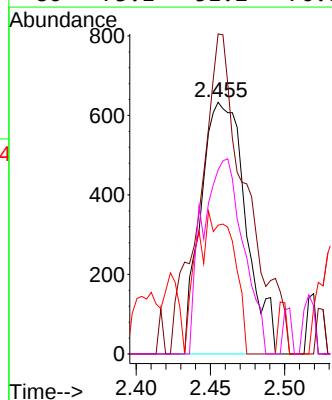
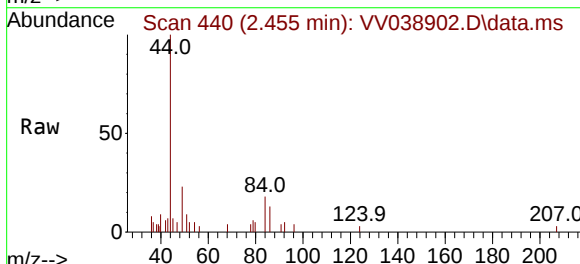
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

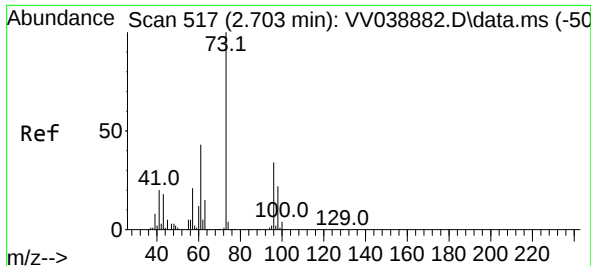
Tgt Ion: 73 Resp: 40
Ion Ratio Lower Upper
73 100
57 0.0 16.5 24.7#



#20
Methylene Chloride
Concen: 0.188 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 84 Resp: 1330
Ion Ratio Lower Upper
84 100
49 102.4 90.5 135.7
51 32.7 27.8 41.6
86 73.1 51.2 76.8

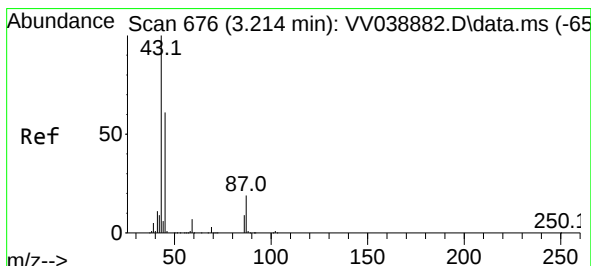
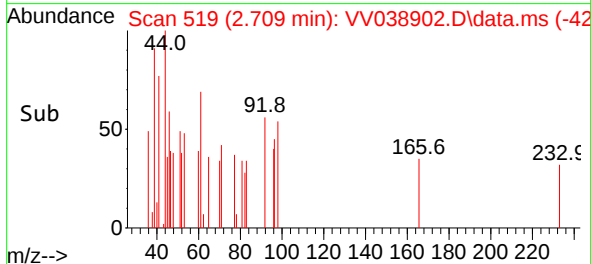
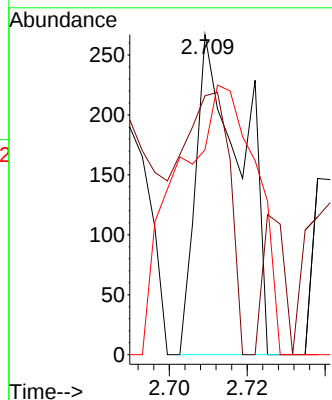
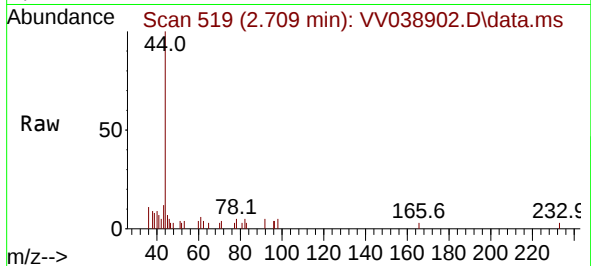




#21
trans-1,2-Dichloroethene
Concen: 0.037 ug/l
RT: 2.709 min Scan# 517
Delta R.T. 0.007 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

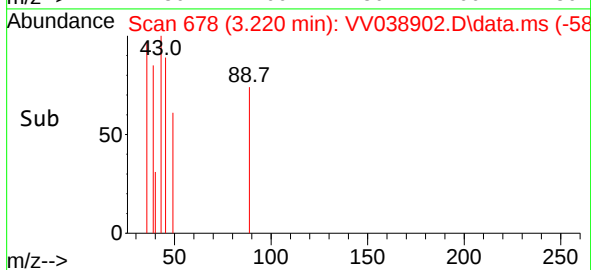
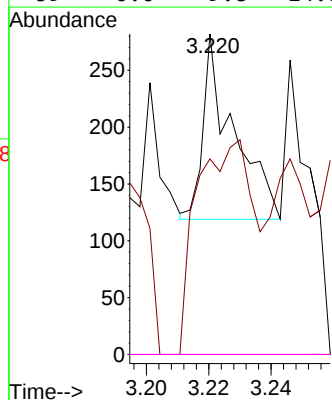
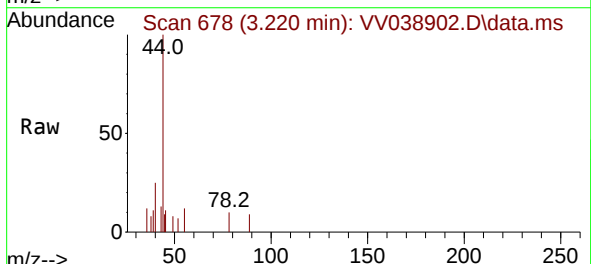
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

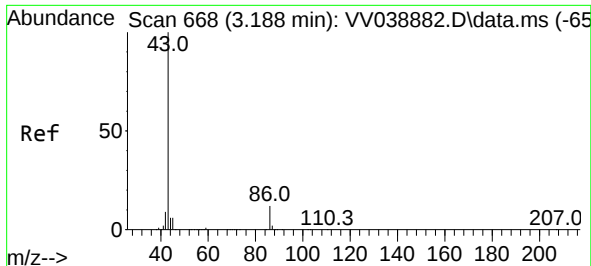
Tgt Ion: 96 Resp: 219
Ion Ratio Lower Upper
96 100
61 40.1 102.0 153.0#
98 64.0 51.0 76.6



#22
Diisopropyl ether
Concen: 0.006 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 45 Resp: 110
Ion Ratio Lower Upper
45 100
43 105.5 132.1 198.1#
87 0.0 25.0 37.4#
59 0.0 9.8 14.8#

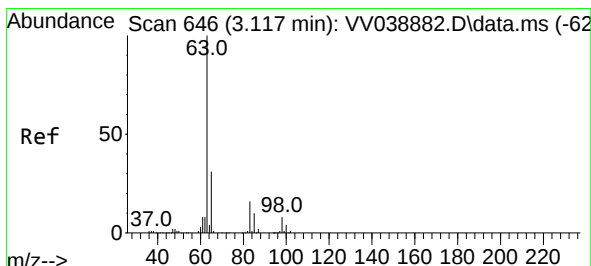
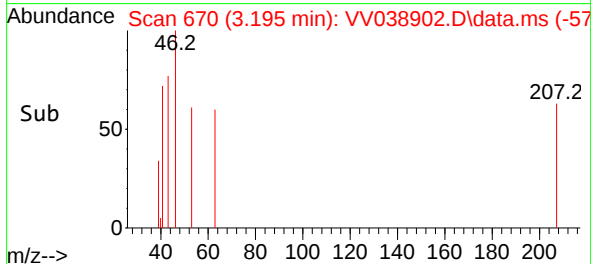
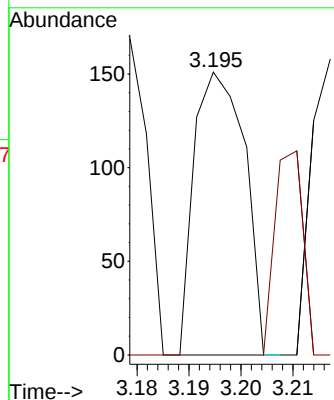
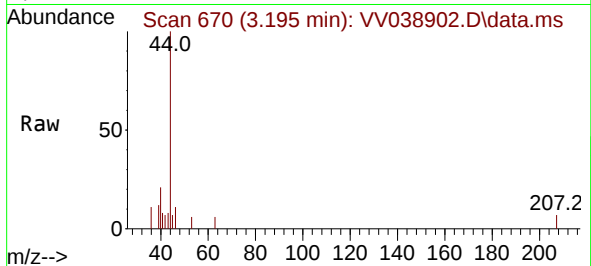




#23
 Vinyl Acetate
 Concen: 0.007 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

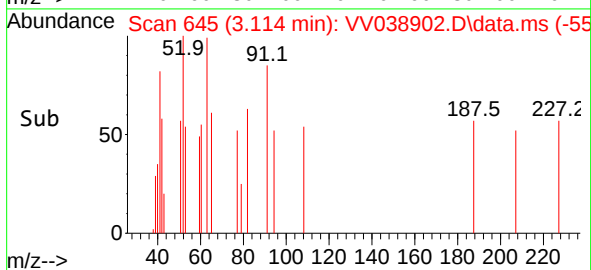
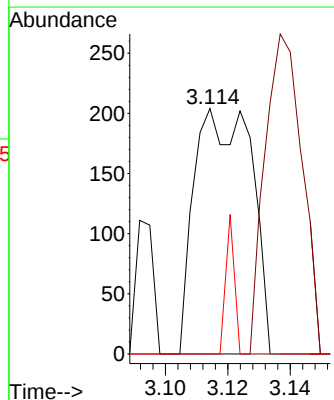
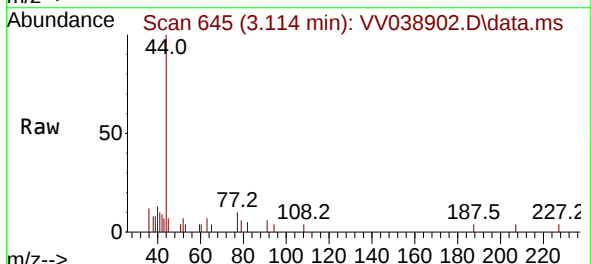
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

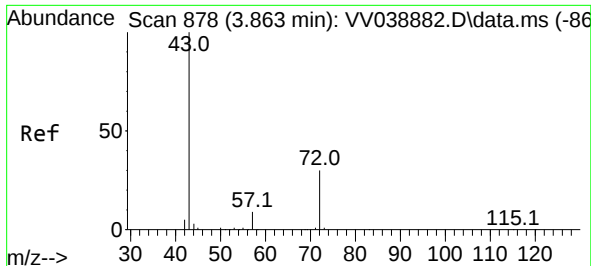
Tgt Ion: 43 Resp: 102
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#24
 1,1-Dichloroethane
 Concen: 0.022 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 63 Resp: 259
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.2 6.6#

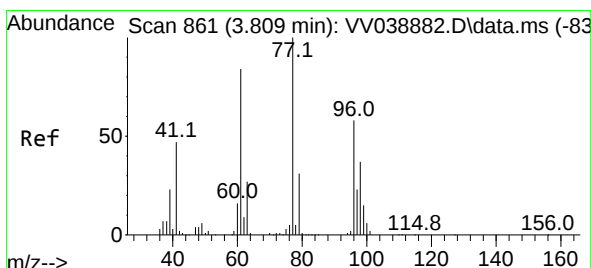
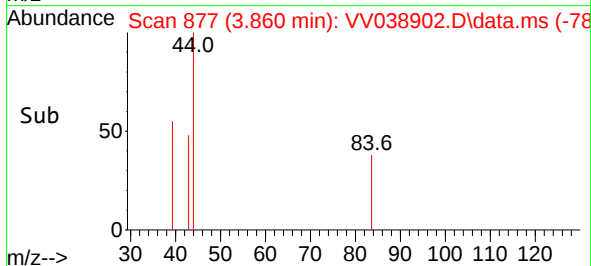
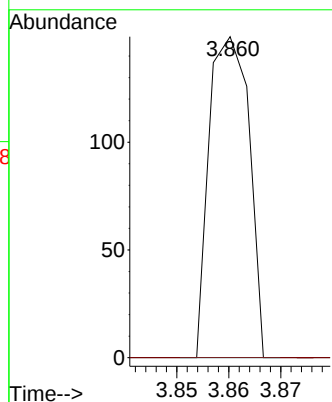
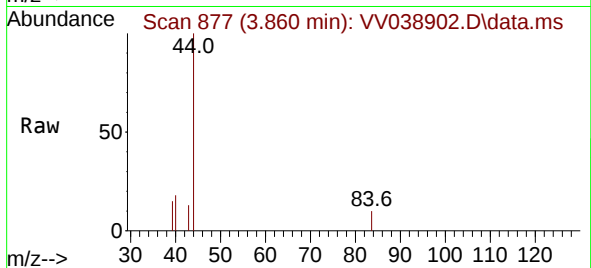




#25
2-Butanone
Concen: 0.020 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

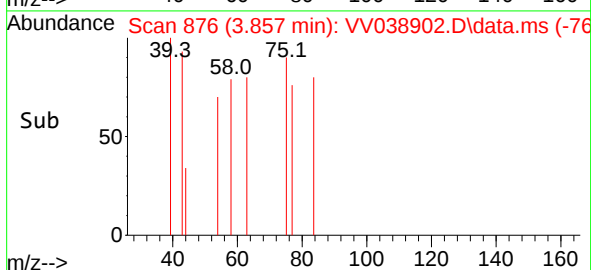
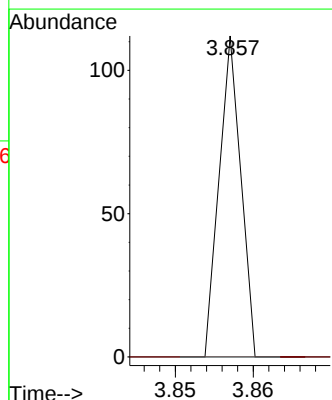
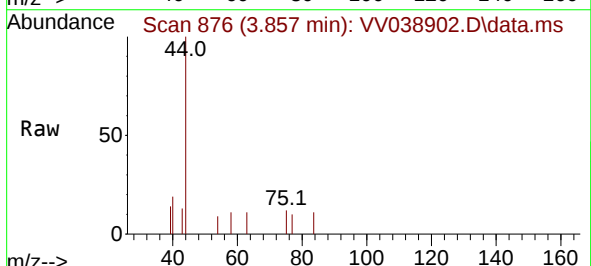
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

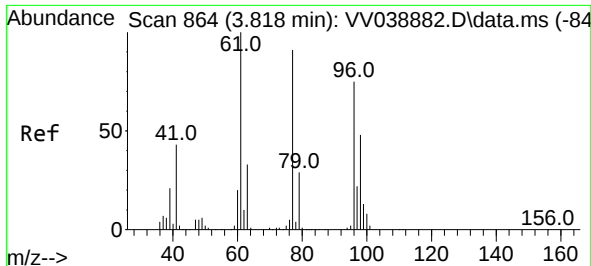
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#26
2,2-Dichloropropane
Concen: 0.002 ug/l
RT: 3.857 min Scan# 876
Delta R.T. 0.048 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 77 Resp: 22
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

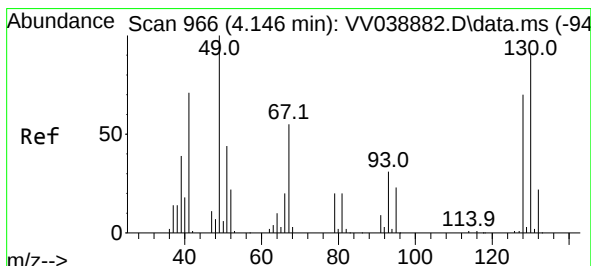
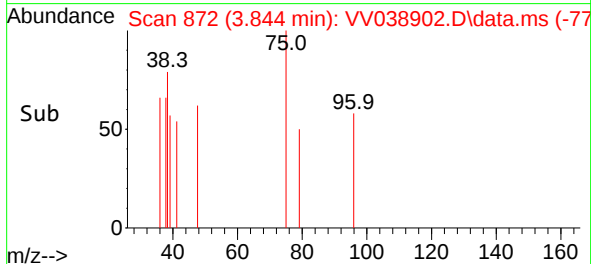
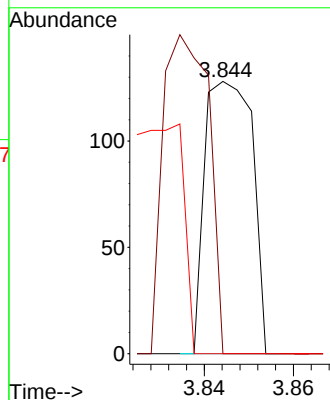
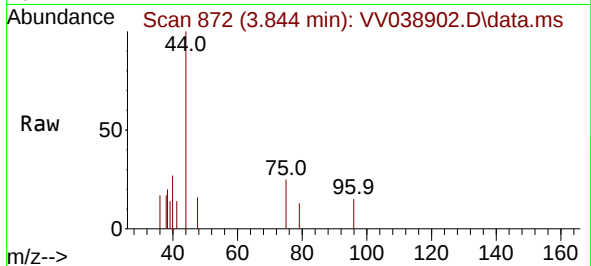




#27
 cis-1,2-Dichloroethene
 Concen: 0.014 ug/l
 RT: 3.844 min Scan# 81
 Delta R.T. 0.026 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

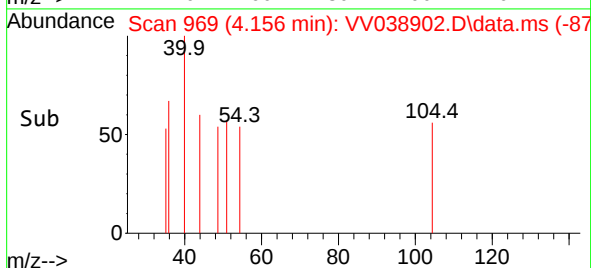
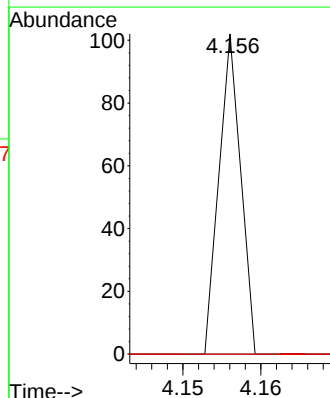
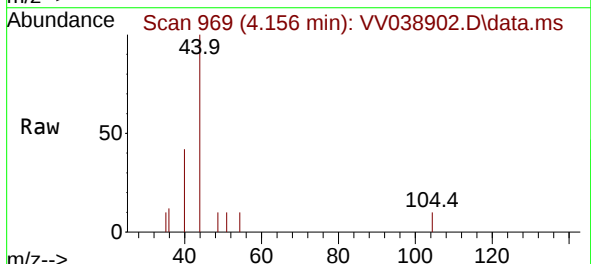
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

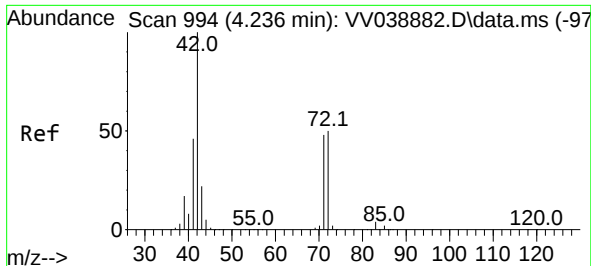
Tgt Ion: 96 Resp: 94
 Ion Ratio Lower Upper
 96 100
 61 113.8 0.0 275.0
 98 86.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 0.004 ug/l
 RT: 4.156 min Scan# 969
 Delta R.T. 0.010 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 49 Resp: 20
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 0.0 70.1 105.1#

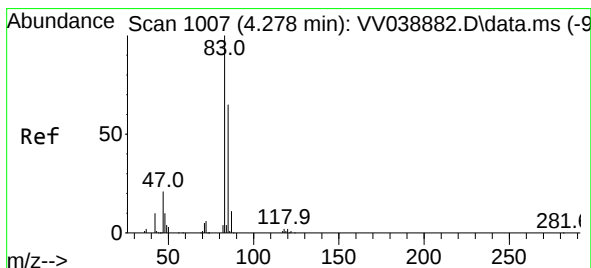
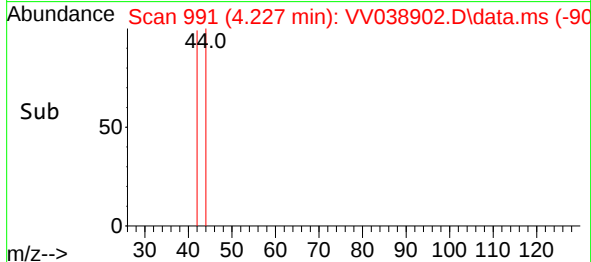
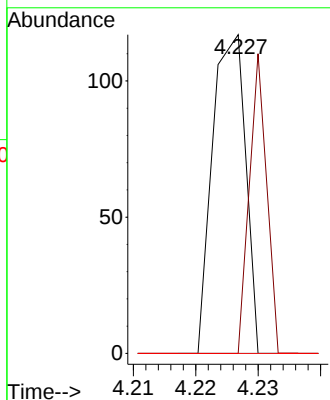
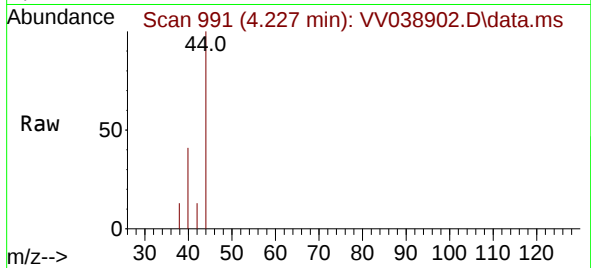




#29
Tetrahydrofuran
Concen: 0.016 ug/l
RT: 4.227 min Scan# 994
Delta R.T. -0.009 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

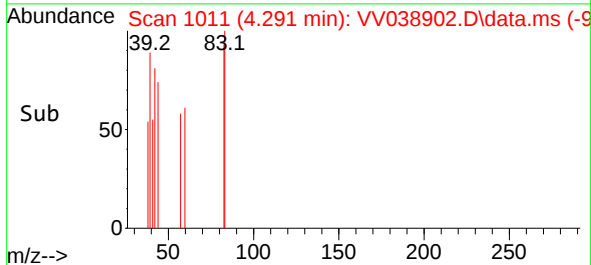
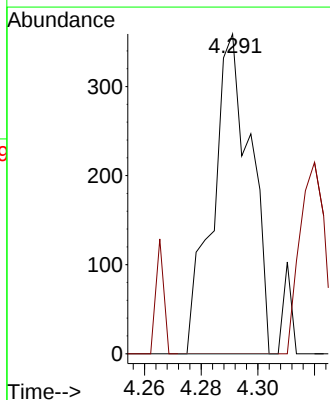
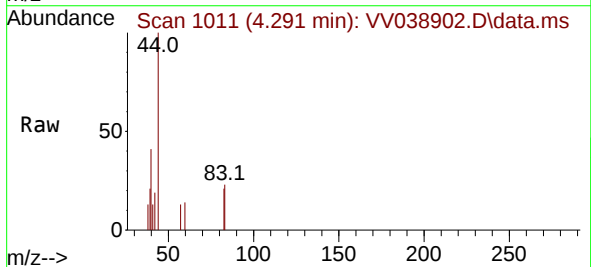
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

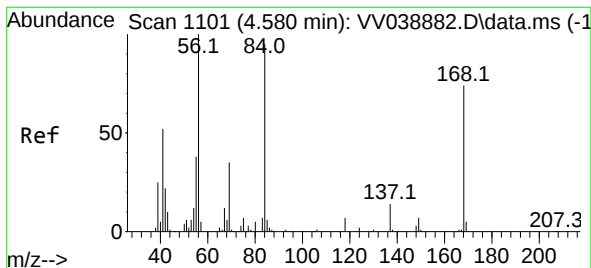
Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.8	41.6	62.4
71	0.0	38.4	57.6



#30
Chloroform
Concen: 0.026 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4





#31

Cyclohexane

Concen: 1.377 ug/l

RT: 4.590 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

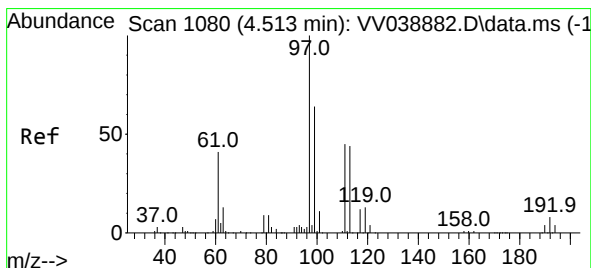
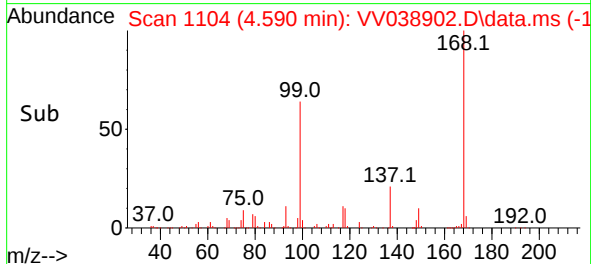
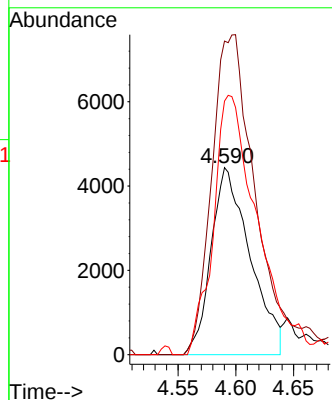
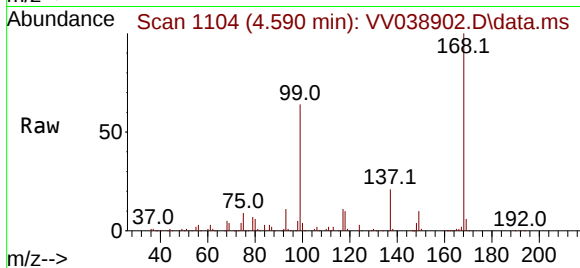
Tgt Ion: 56 Resp: 10427

Ion Ratio Lower Upper

56 100

69 167.6 28.2 42.2#

84 135.5 76.0 114.0#



#32

1,1,1-Trichloroethane

Concen: 0.007 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

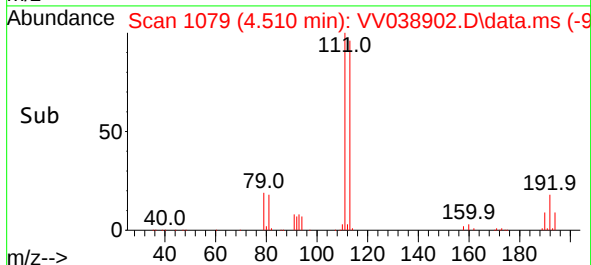
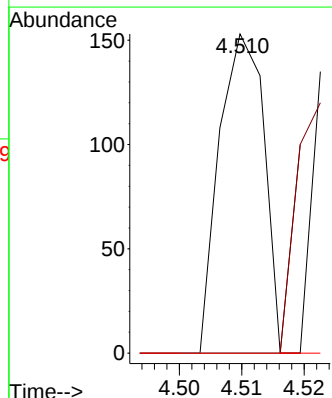
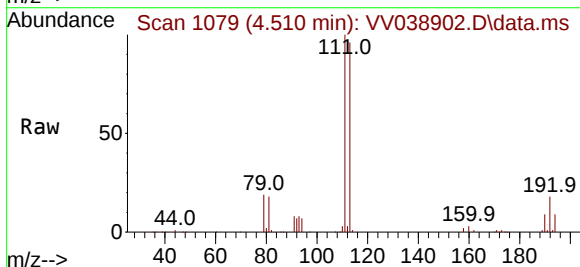
Tgt Ion: 97 Resp: 76

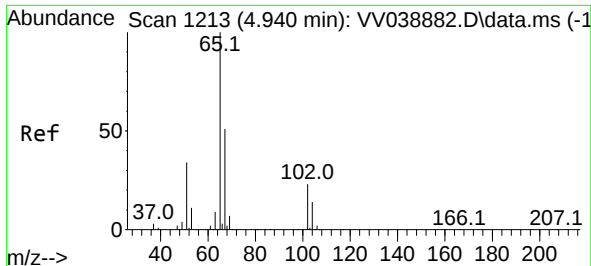
Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1#

61 0.0 32.6 49.0#





#33

1,2-Dichloroethane-d4

Concen: 57.009 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

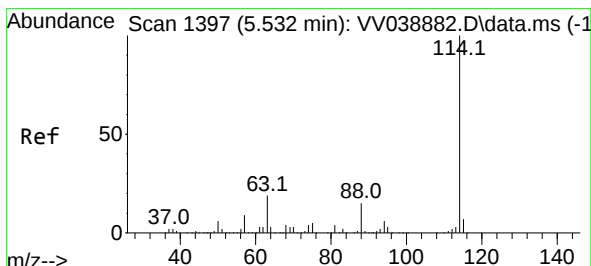
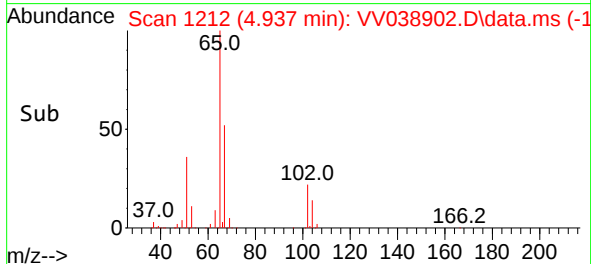
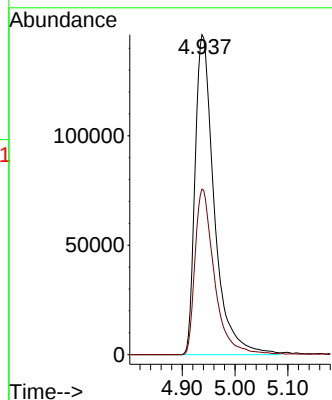
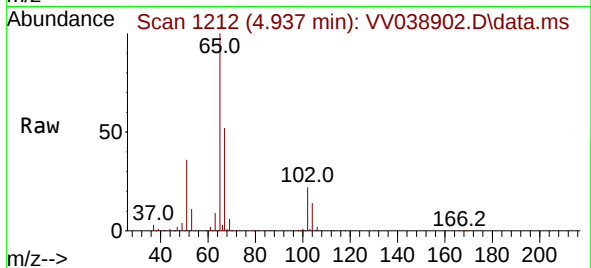
VV0716WBL01

Tgt Ion: 65 Resp: 368229

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

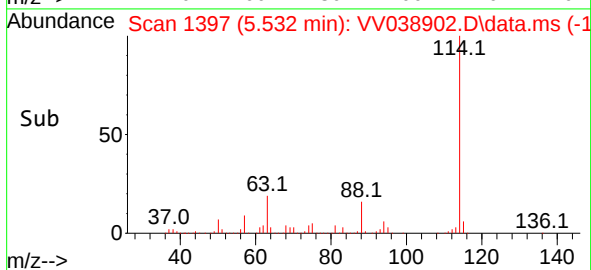
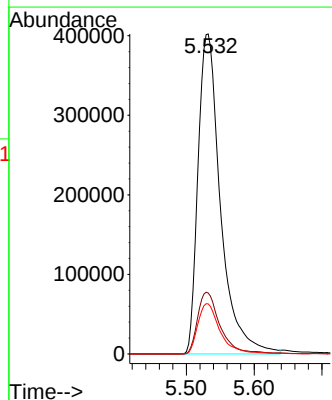
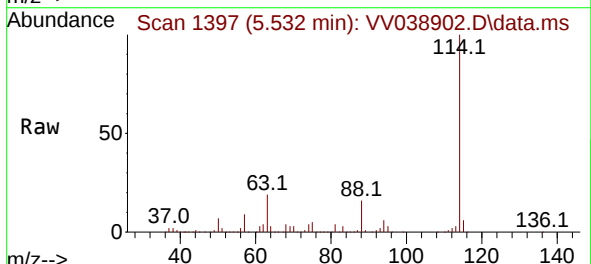
Tgt Ion: 114 Resp: 928044

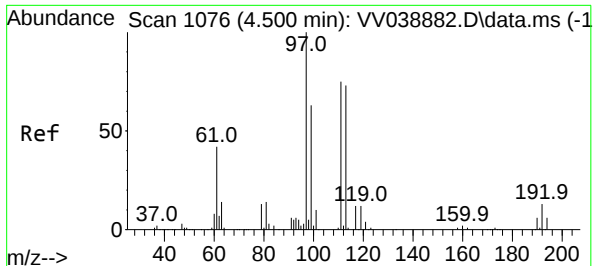
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.880 ug/l

RT: 4.500 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

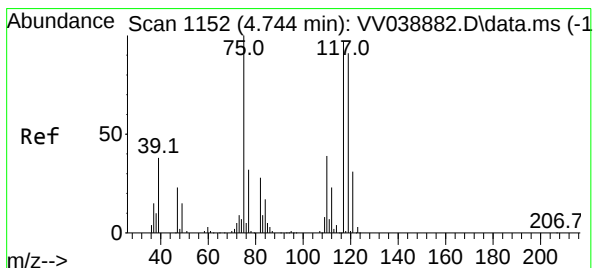
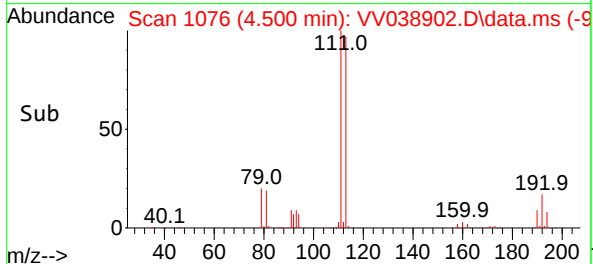
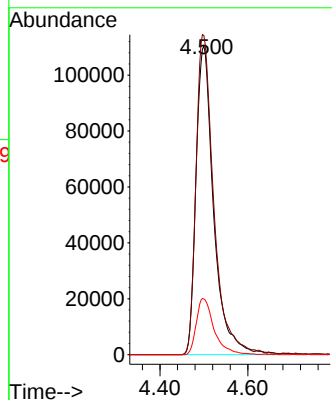
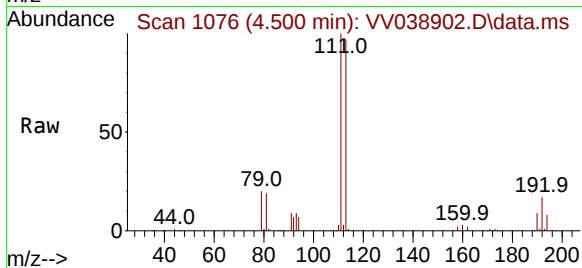
Tgt Ion:113 Resp: 309285

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 18.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 6.092 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. -0.148 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

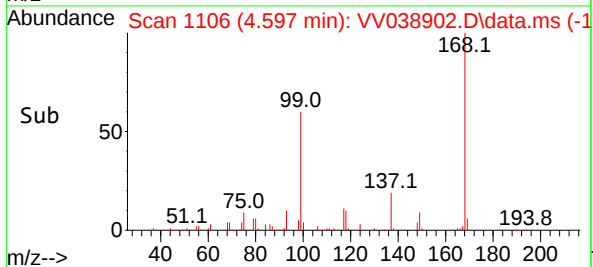
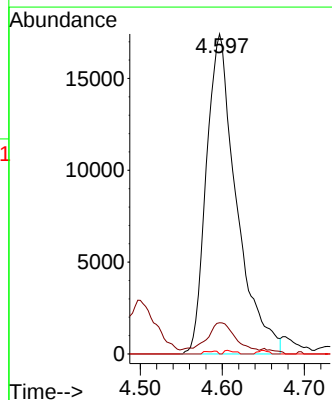
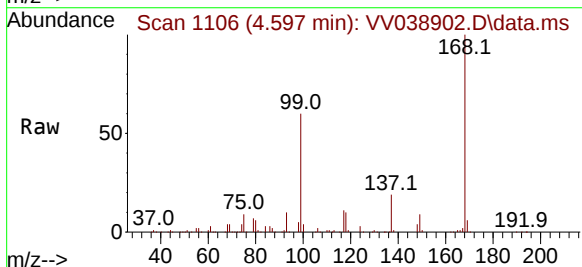
Tgt Ion: 75 Resp: 44298

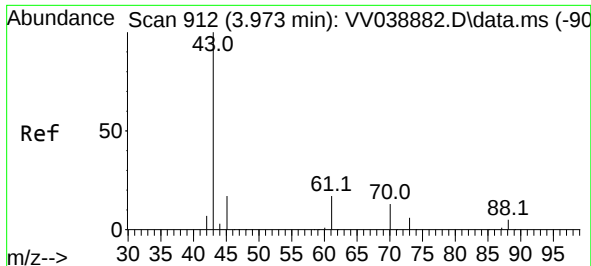
Ion Ratio Lower Upper

75 100

110 8.2 18.8 56.3#

77 0.4 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.005 ug/l

RT: 3.963 min Scan# 909

Delta R.T. -0.009 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

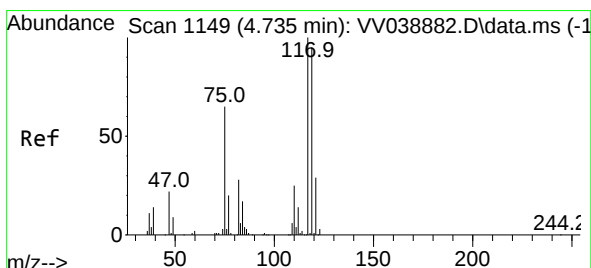
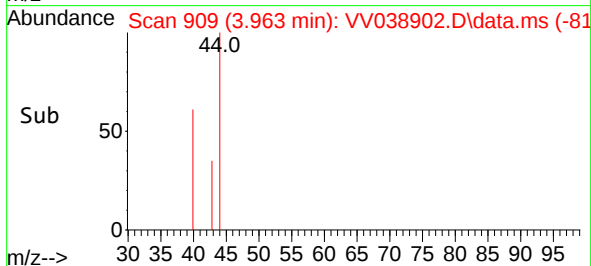
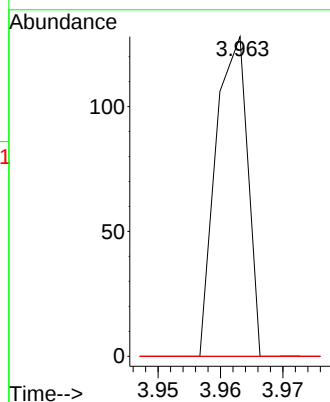
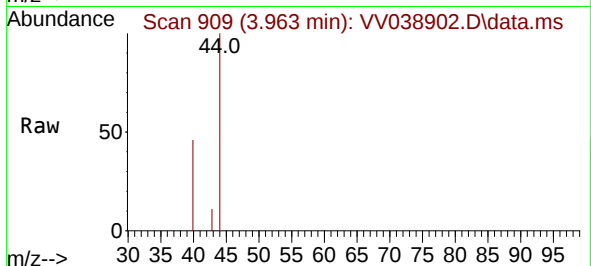
Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

Tgt Ion:	43	Resp:	45
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	8.9	13.3#



#38

Carbon Tetrachloride

Concen: 5.882 ug/l

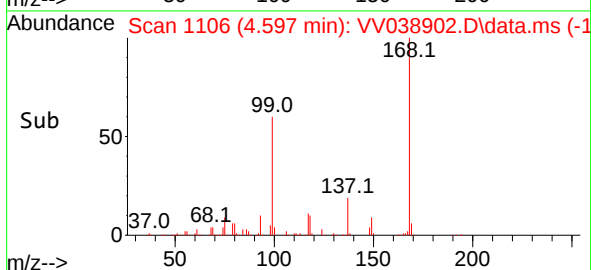
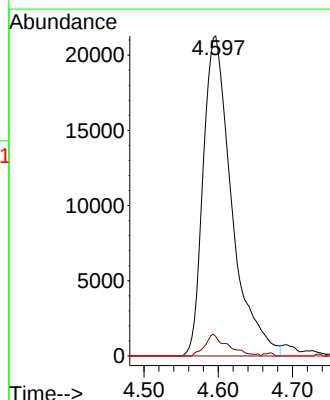
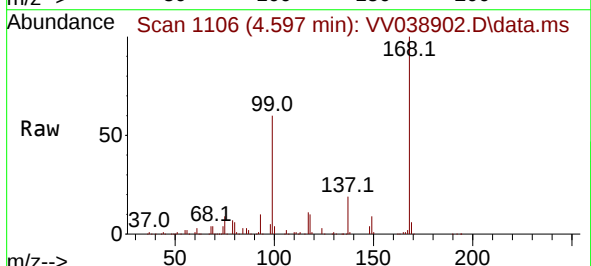
RT: 4.597 min Scan# 1106

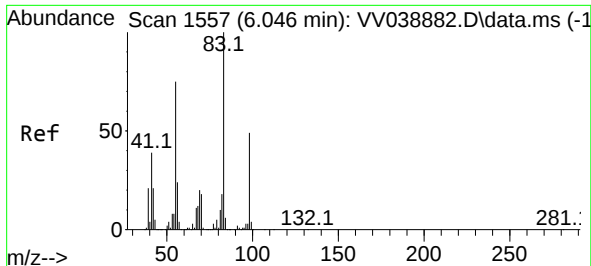
Delta R.T. -0.138 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Tgt Ion:	117	Resp:	56817
Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.0	114.0#
121	0.0	23.1	34.7#





#39

Methylcyclohexane

Concen: 0.013 ug/l

RT: 6.059 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

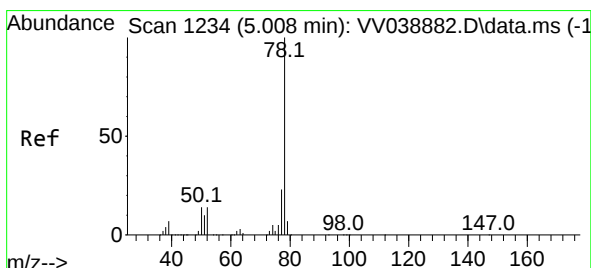
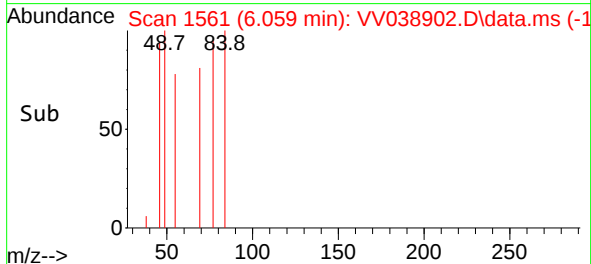
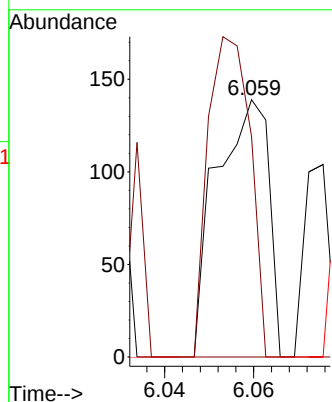
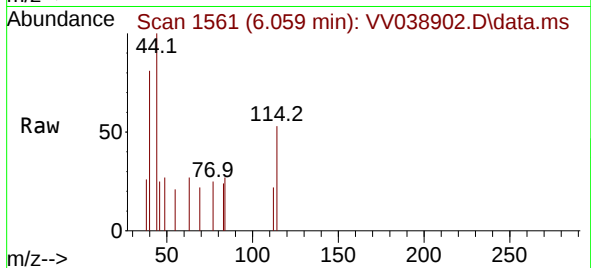
Tgt Ion: 83 Resp: 113

Ion Ratio Lower Upper

83 100

55 85.6 60.0 90.0

98 0.0 39.0 58.6#



#40

Benzene

Concen: 0.003 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038902.D

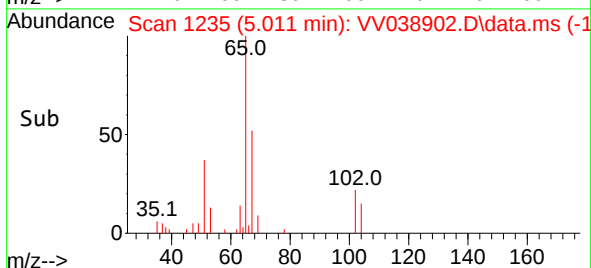
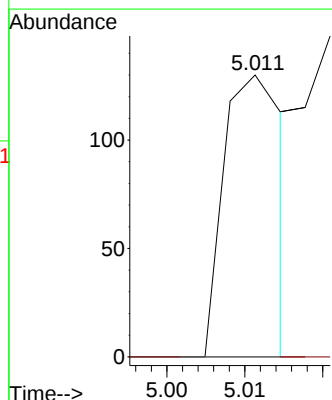
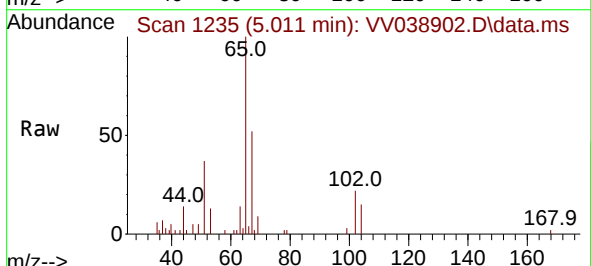
Acq: 16 Jul 2025 11:49

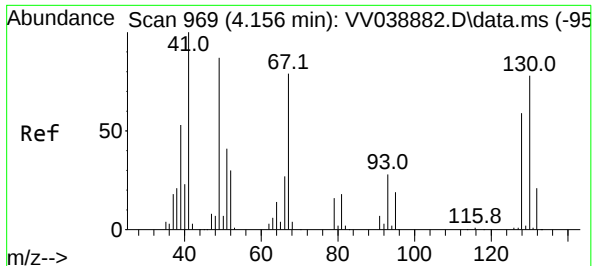
Tgt Ion: 78 Resp: 70

Ion Ratio Lower Upper

78 100

77 0.0 18.6 28.0#

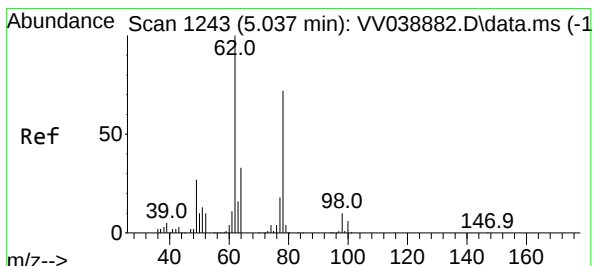
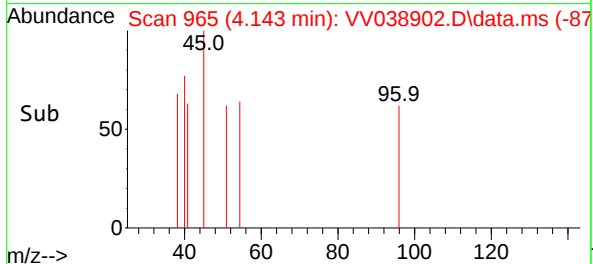
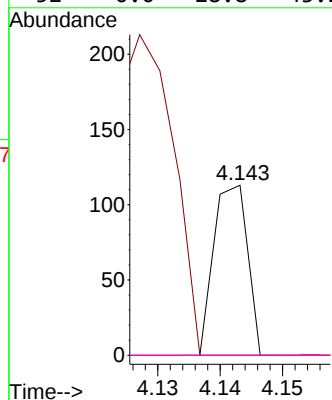
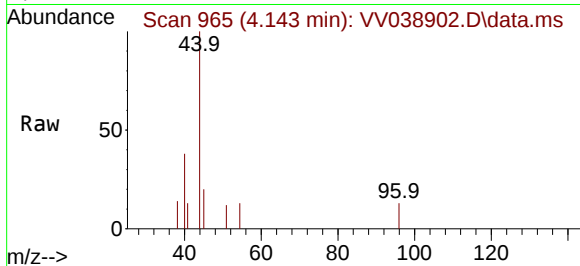




#41
Methacrylonitrile
Concen: 0.011 ug/l
RT: 4.143 min Scan# 91
Delta R.T. -0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

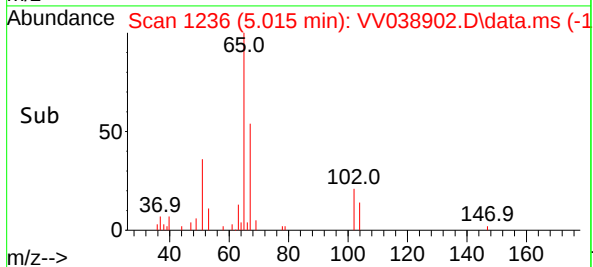
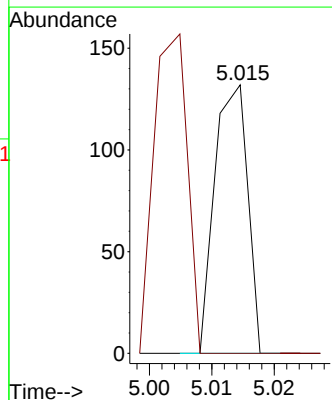
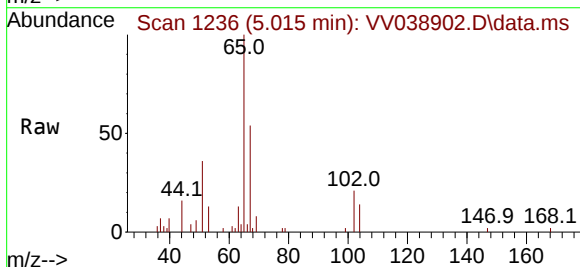
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

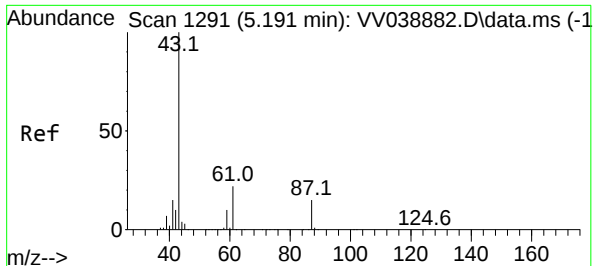
Tgt Ion:	41	Resp:	42
Ion	Ratio	Lower	Upper
41	100		
39	371.4	42.0	63.0#
67	0.0	76.2	114.2#
52	0.0	28.8	43.2#



#42
1,2-Dichloroethane
Concen: 0.005 ug/l
RT: 5.015 min Scan# 1236
Delta R.T. -0.022 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:	62	Resp:	48
Ion	Ratio	Lower	Upper
62	100		
98	120.8	0.0	18.8#

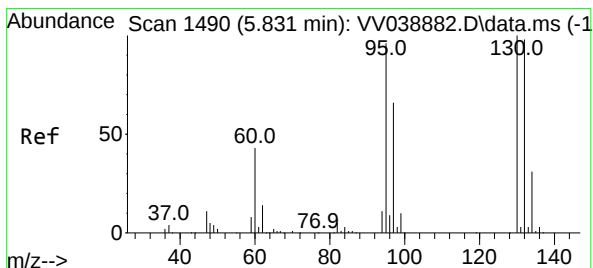
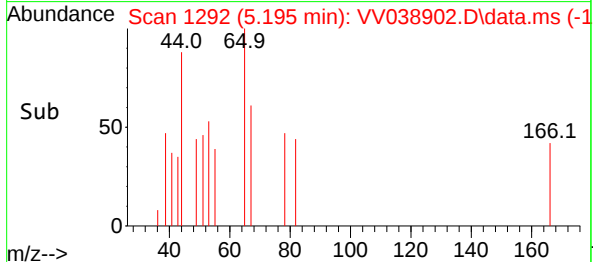
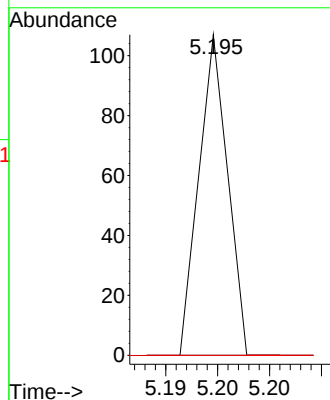
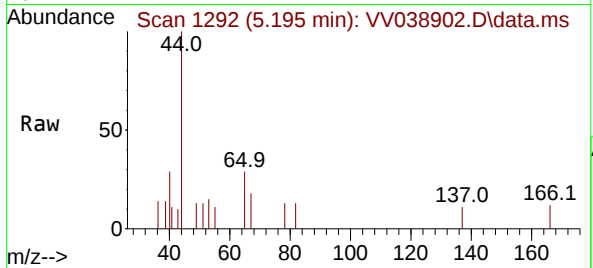




#43
Isopropyl Acetate
Concen: 0.002 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

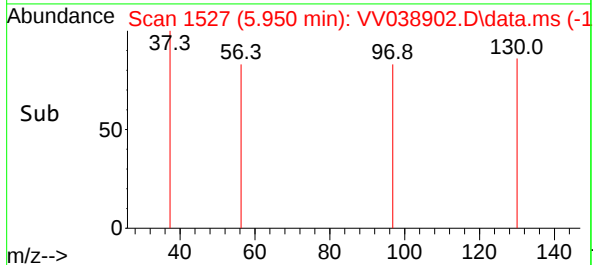
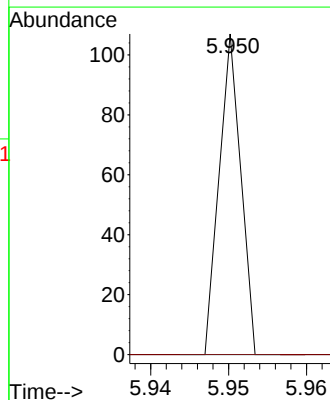
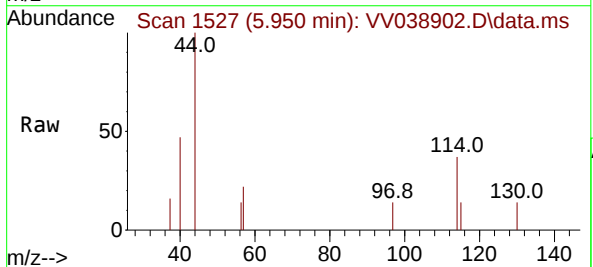
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

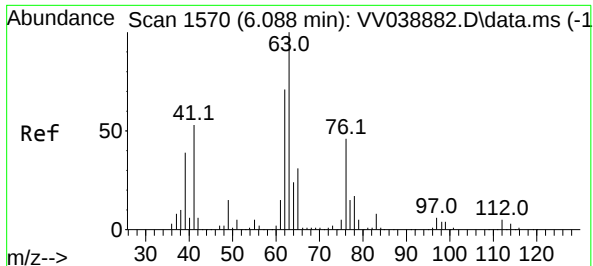
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7#
87 0.0 12.2 18.4#



#44
Trichloroethene
Concen: 0.003 ug/l
RT: 5.950 min Scan# 1527
Delta R.T. 0.119 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:130 Resp: 21
Ion Ratio Lower Upper
130 100
95 0.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.020 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

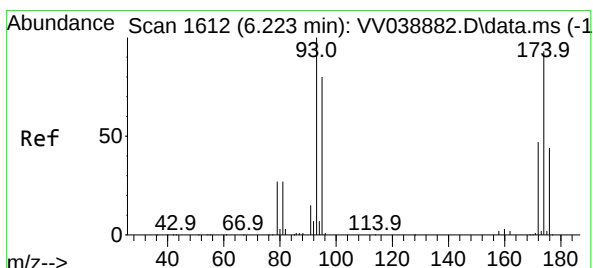
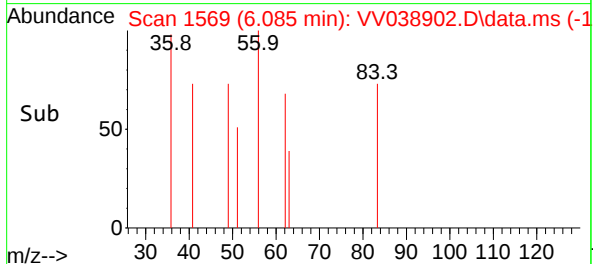
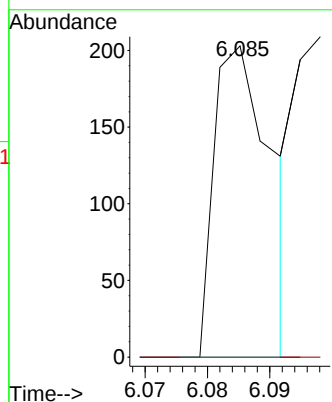
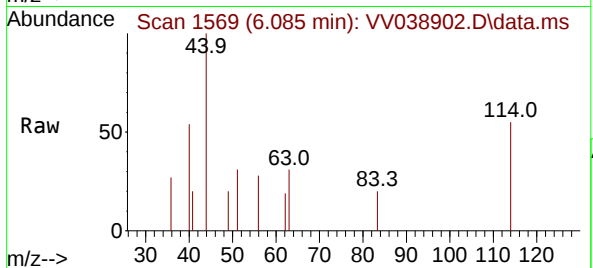
VV0716WBL01

Tgt Ion: 63 Resp: 128

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.014 ug/l

RT: 6.262 min Scan# 1624

Delta R.T. 0.039 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

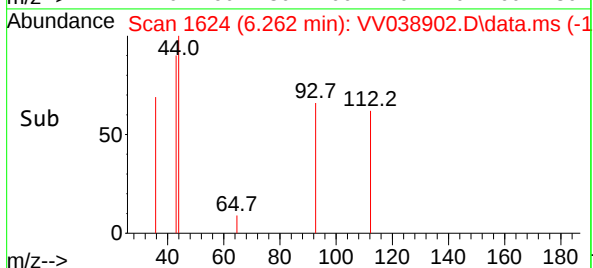
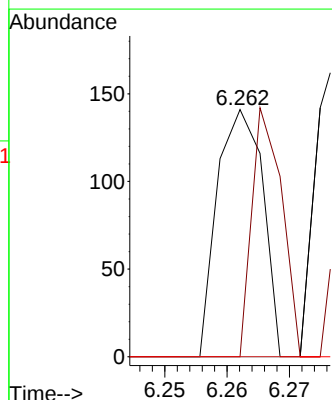
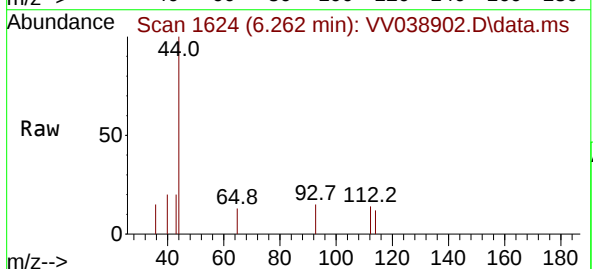
Tgt Ion: 93 Resp: 71

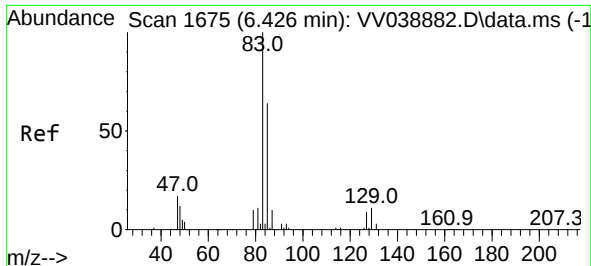
Ion Ratio Lower Upper

93 100

95 66.2 66.2 99.4#

174 0.0 75.3 112.9#

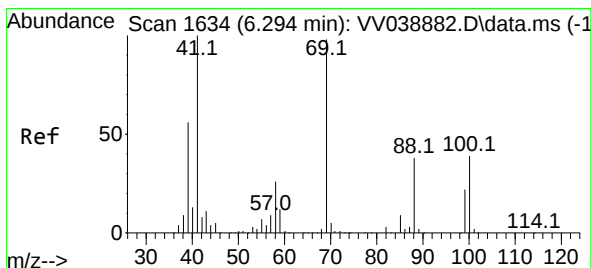
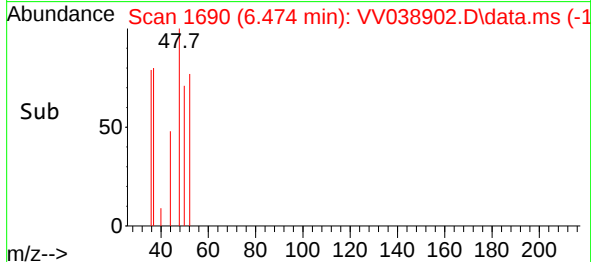
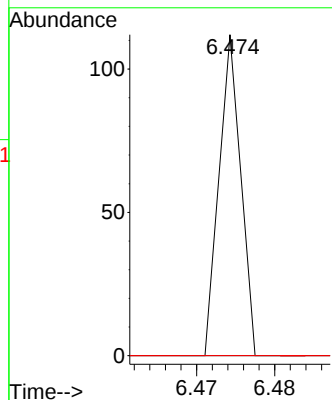
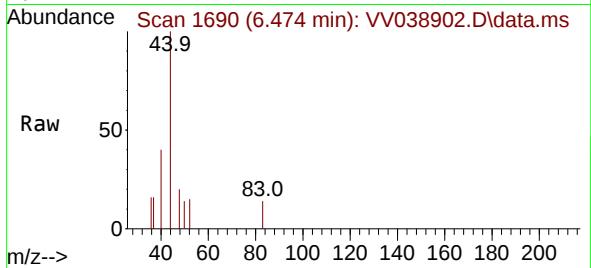




#47
Bromodichloromethane
Concen: 0.002 ug/l
RT: 6.474 min Scan# 1690
Delta R.T. 0.048 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

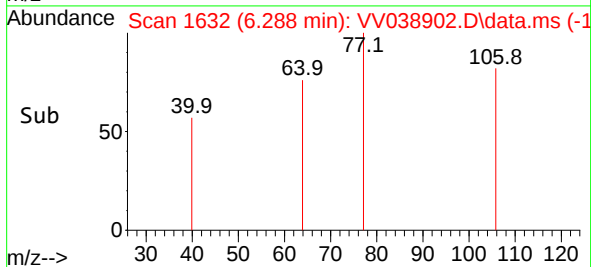
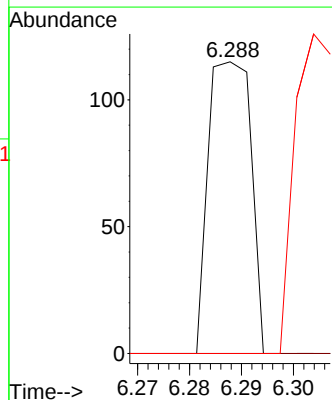
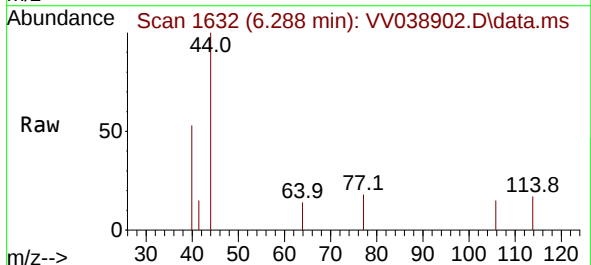
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

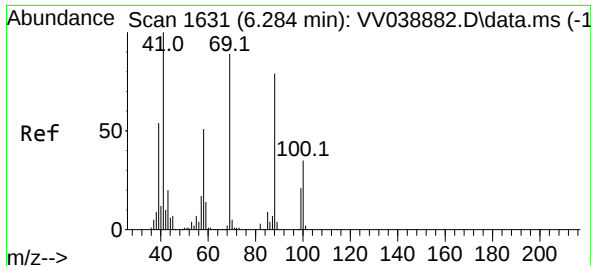
Tgt Ion: 83 Resp: 22
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.011 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 0.0 44.0 66.0#





#49

1,4-Dioxane

Concen: 0.324 ug/l

RT: 6.272 min Scan# 1

Delta R.T. -0.012 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

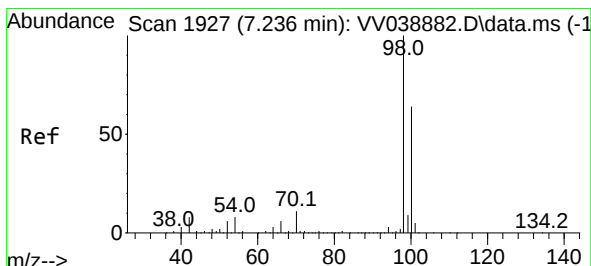
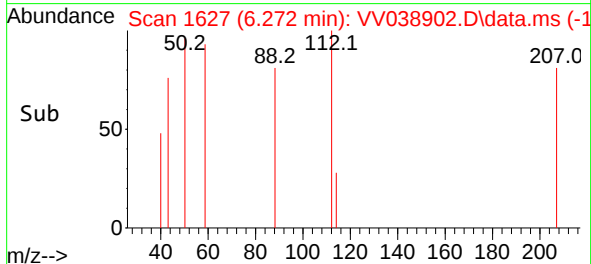
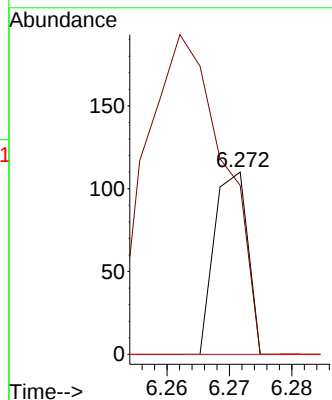
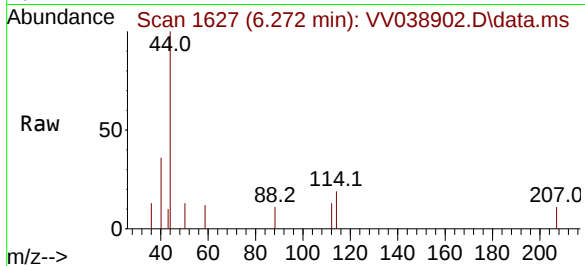
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 402.4 23.0 34.4#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 51.770 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038902.D

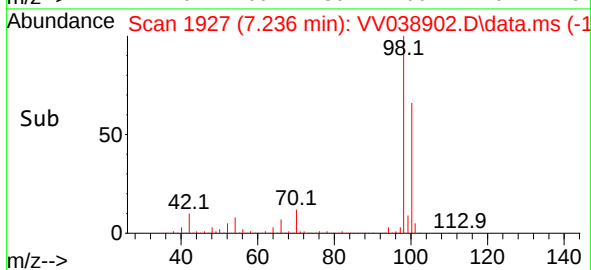
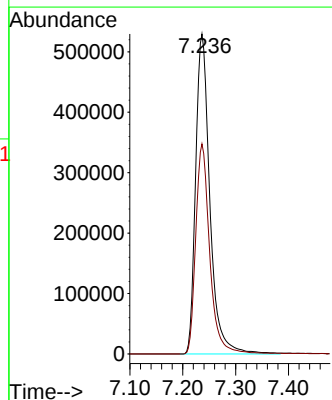
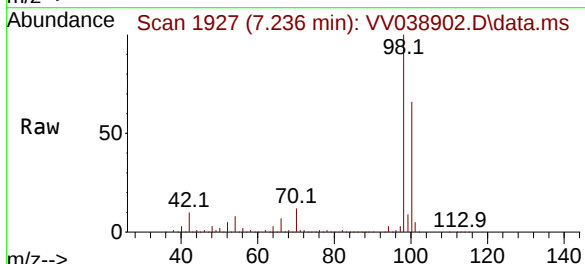
Acq: 16 Jul 2025 11:49

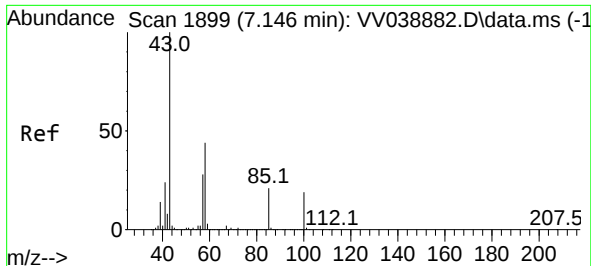
Tgt Ion: 98 Resp: 990147

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3

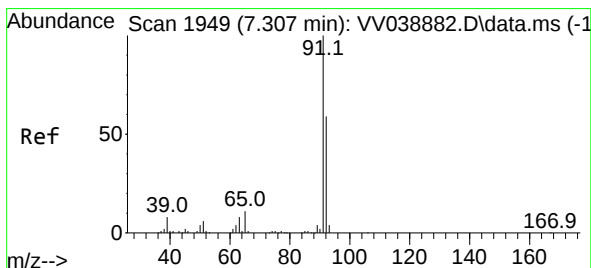
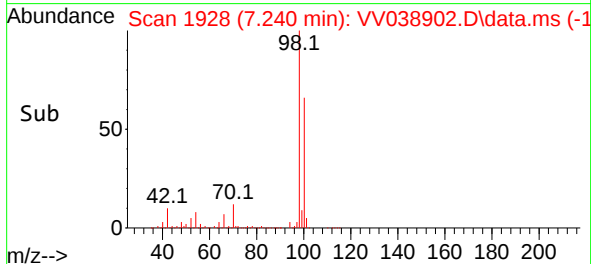
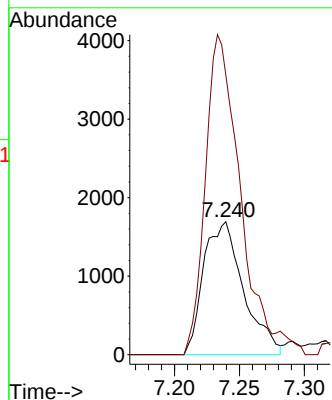
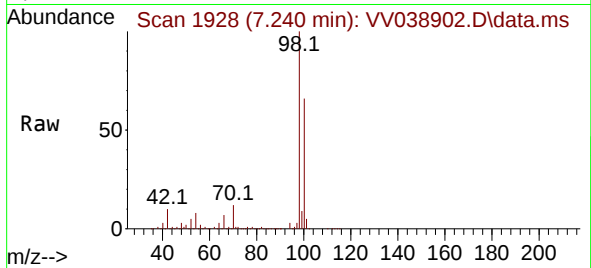




#51
4-Methyl-2-Pentanone
Concen: 0.393 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.093 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

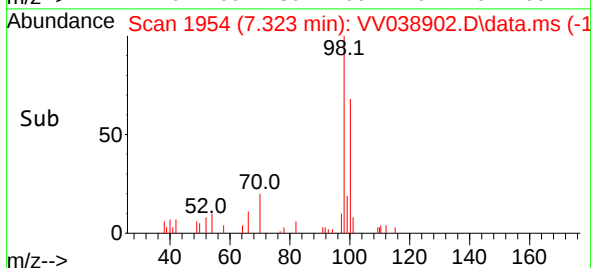
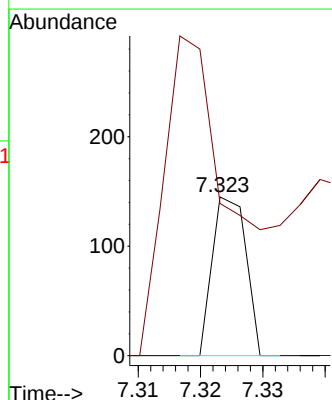
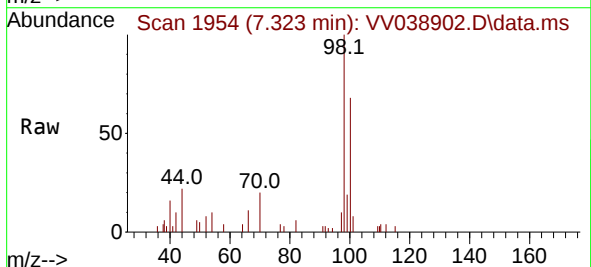
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

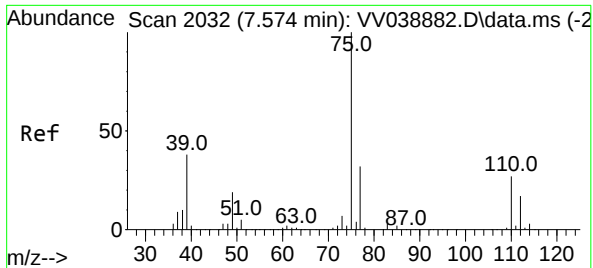
Tgt Ion: 43 Resp: 3625
Ion Ratio Lower Upper
43 100
58 211.3 34.5 51.7#



#52
Toluene
Concen: 0.003 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 92 Resp: 54
Ion Ratio Lower Upper
92 100
91 388.9 137.1 205.7#





#53

t-1,3-Dichloropropene

Concen: 0.008 ug/l

RT: 7.641 min Scan# 2032

Delta R.T. 0.068 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

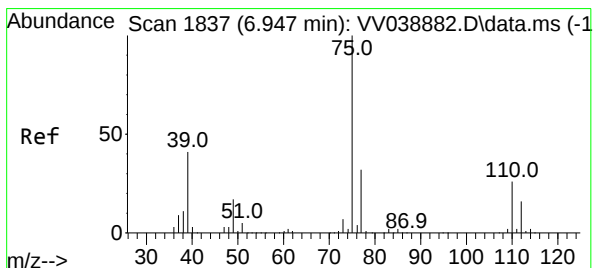
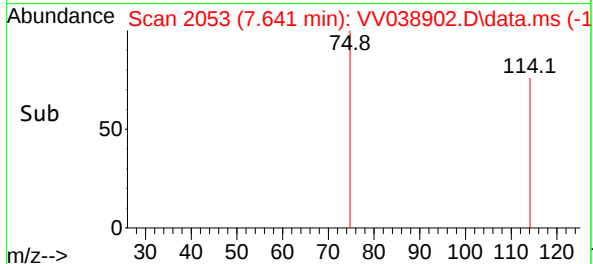
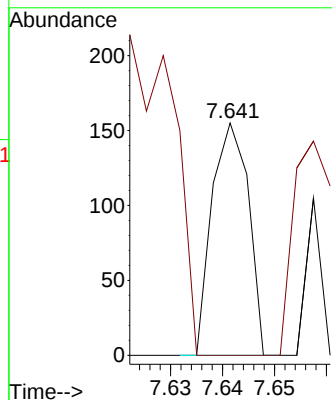
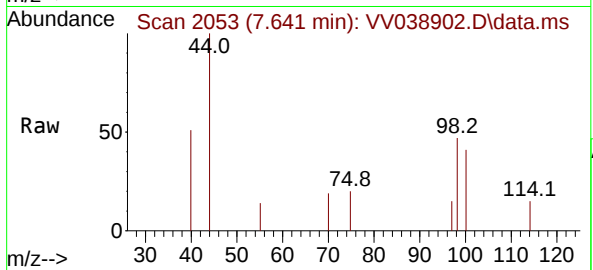
VV0716WBL01

Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#



#54

cis-1,3-Dichloropropene

Concen: 0.007 ug/l

RT: 6.986 min Scan# 1849

Delta R.T. 0.039 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

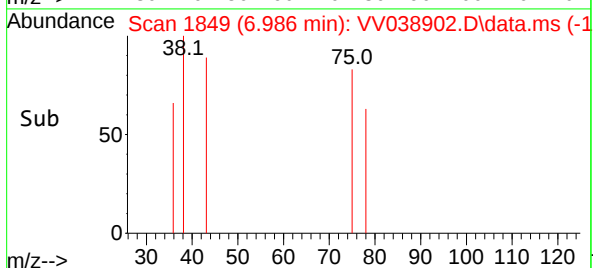
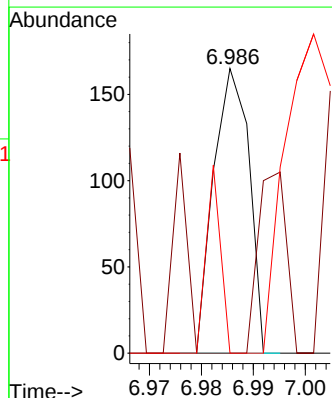
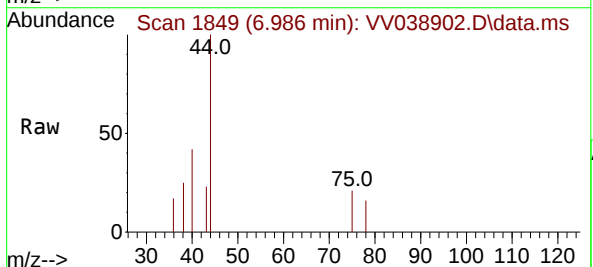
Tgt Ion: 75 Resp: 78

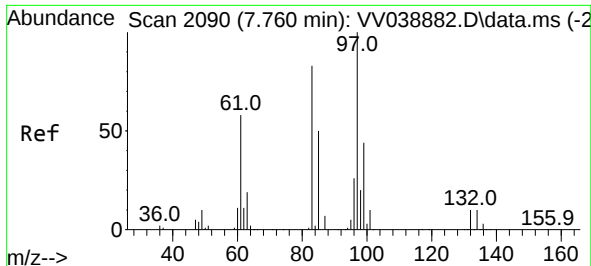
Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 0.0 33.1 49.7#





#55

1,1,2-Trichloroethane

Concen: 0.006 ug/l

RT: 7.805 min Scan# 2104

Delta R.T. 0.045 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

Tgt Ion: 97 Resp: 43

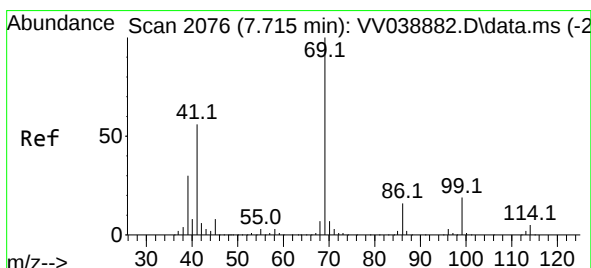
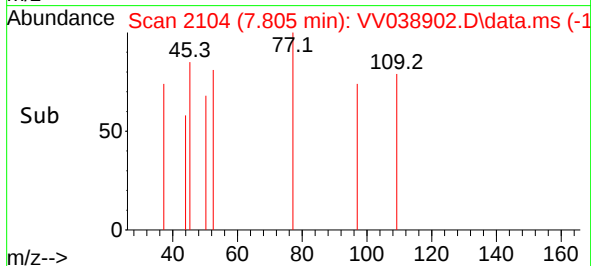
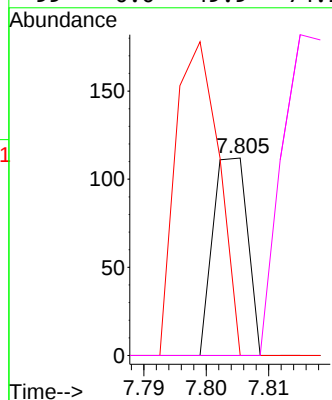
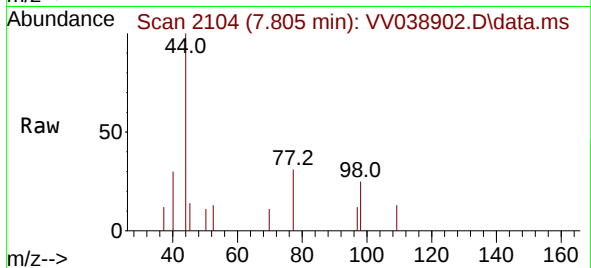
Ion Ratio Lower Upper

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: 7.622 min Scan# 2047

Delta R.T. -0.093 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

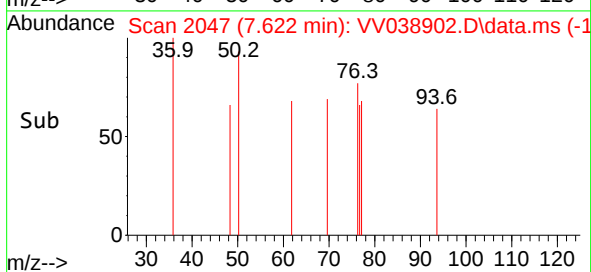
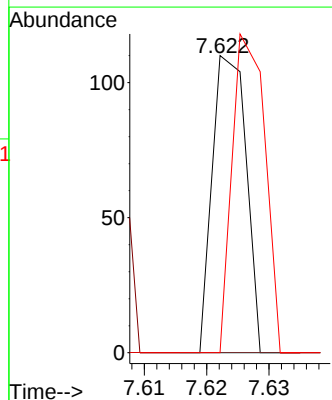
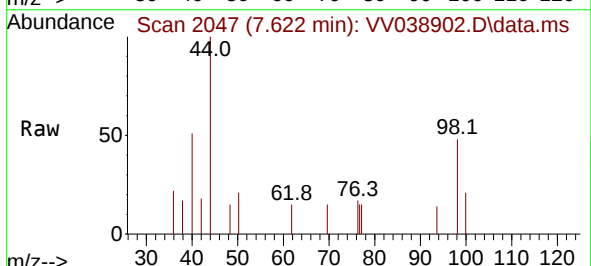
Tgt Ion: 69 Resp: 41

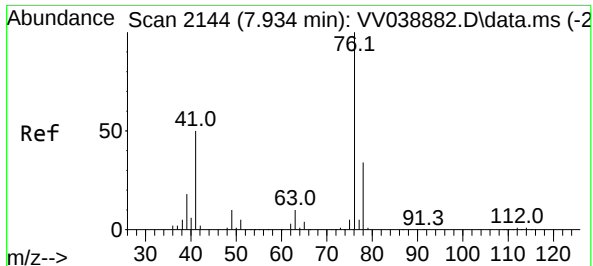
Ion Ratio Lower Upper

69 100

41 0.0 45.7 68.5#

39 104.9 23.8 35.8#

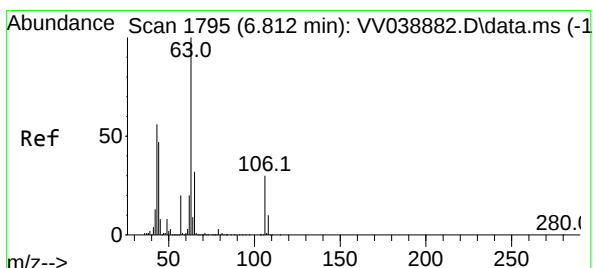
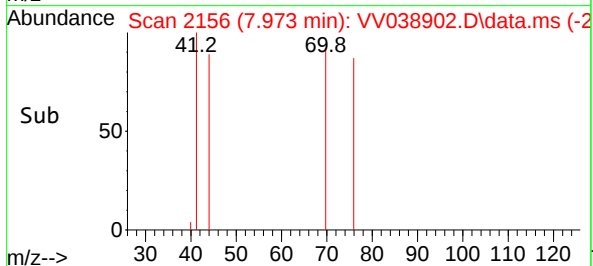
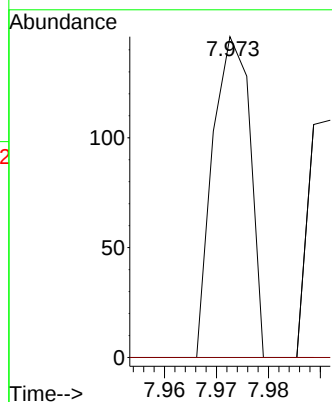
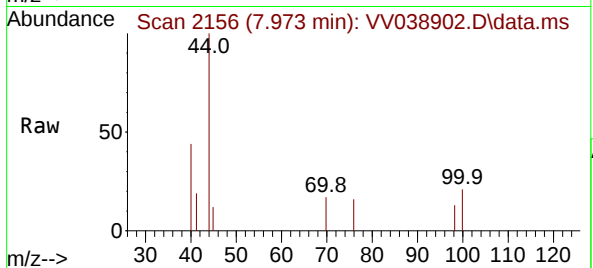




#57
 1,3-Dichloropropane
 Concen: 0.007 ug/l
 RT: 7.973 min Scan# 2144
 Delta R.T. 0.039 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

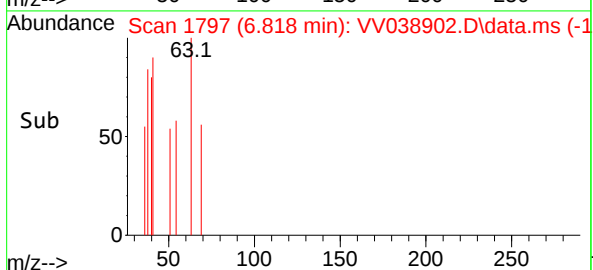
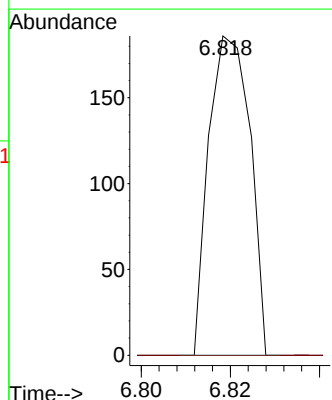
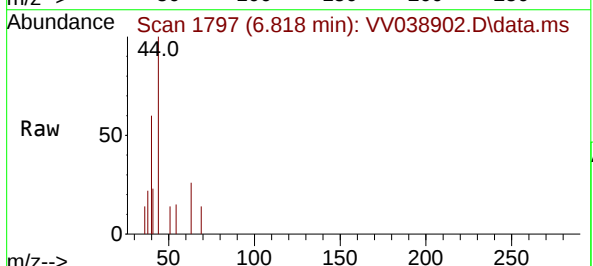
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

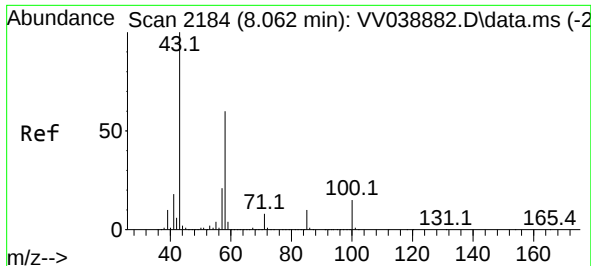
Tgt Ion: 76 Resp: 73
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.8 40.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.023 ug/l
 RT: 6.818 min Scan# 1797
 Delta R.T. 0.006 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 63 Resp: 120
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.1 36.1#

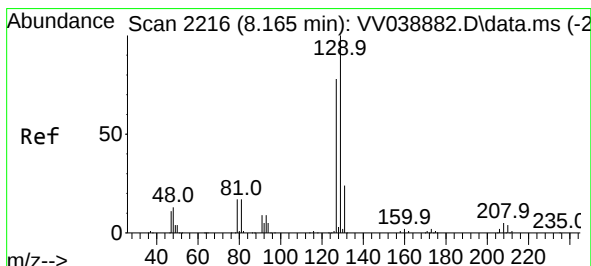
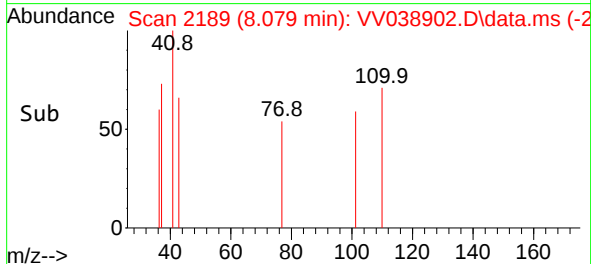
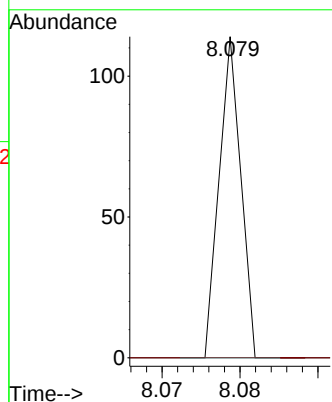
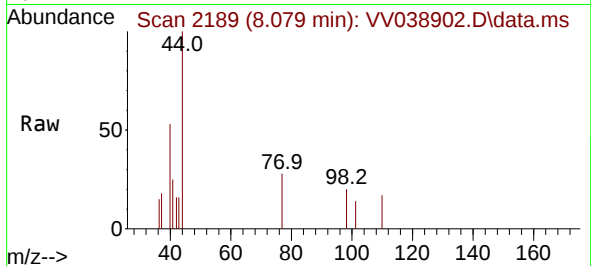




#59
2-Hexanone
Concen: 0.003 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.017 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

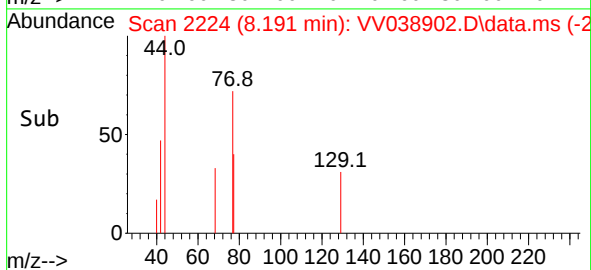
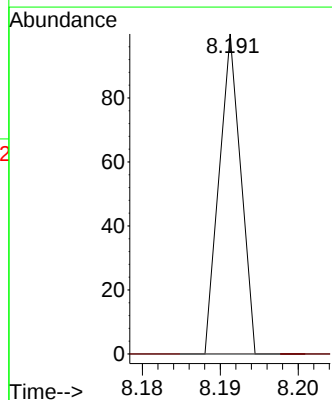
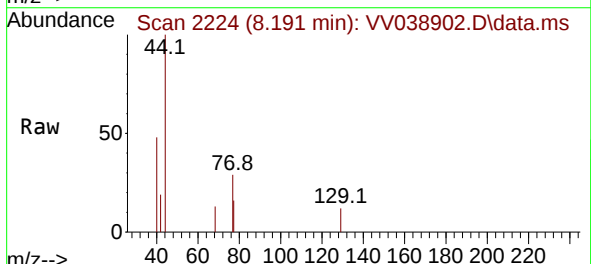
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

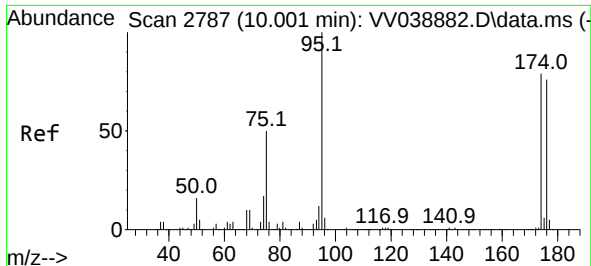
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#



#60
Dibromochloromethane
Concen: 0.002 ug/l
RT: 8.191 min Scan# 2224
Delta R.T. 0.026 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#

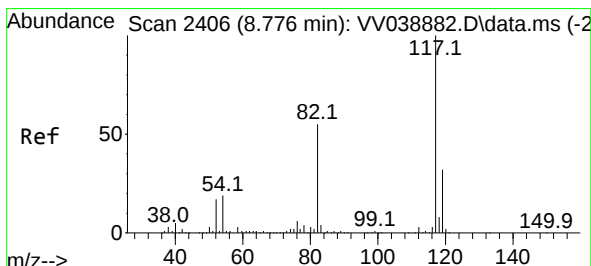
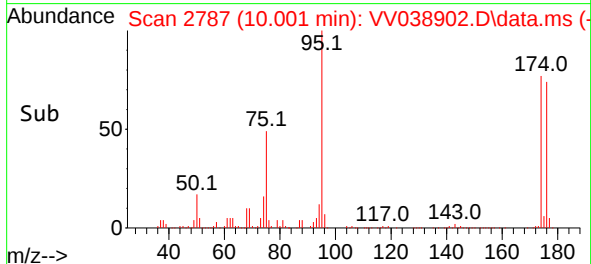
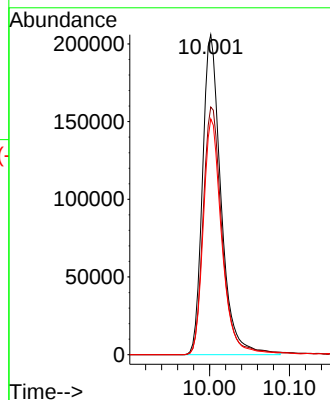
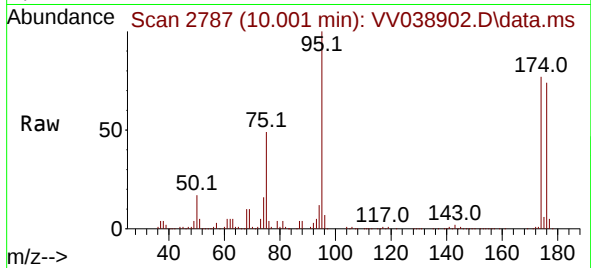




#62
4-Bromofluorobenzene
Concen: 43.058 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

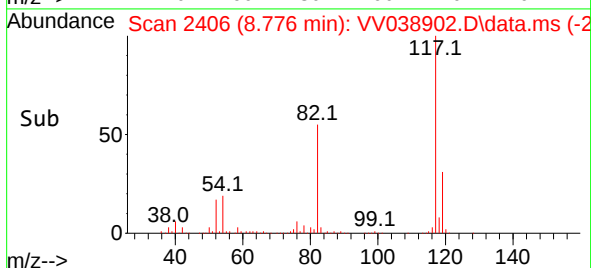
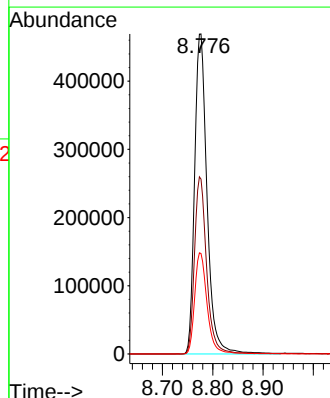
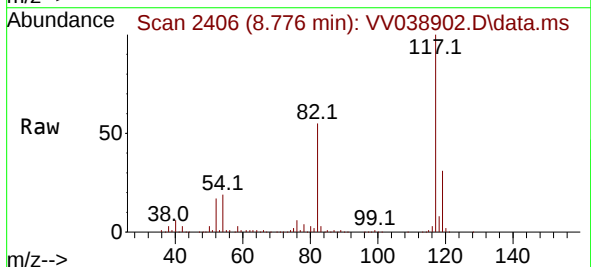
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

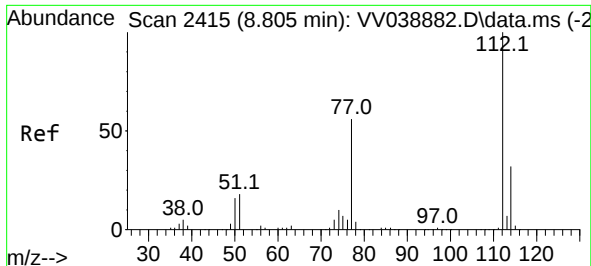
Tgt Ion: 95 Resp: 331749
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 74.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 117 Resp: 804881
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 31.4 25.4 38.0

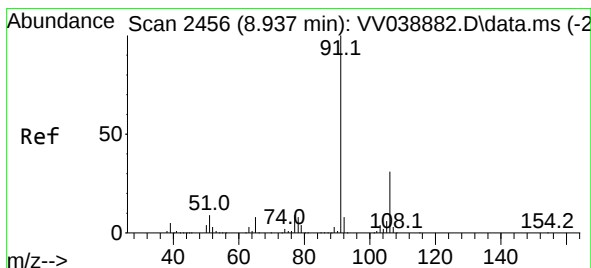
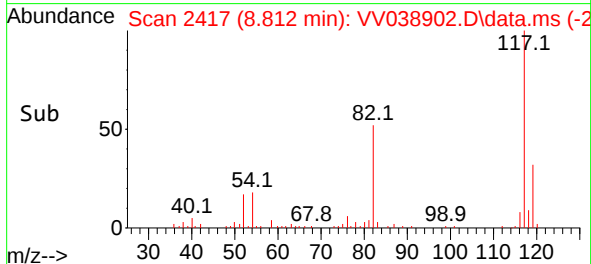
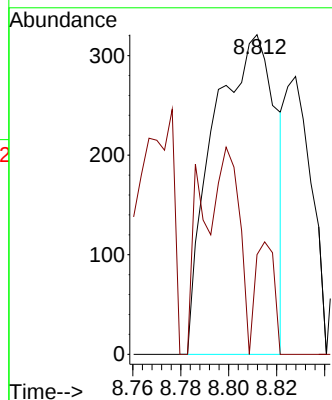
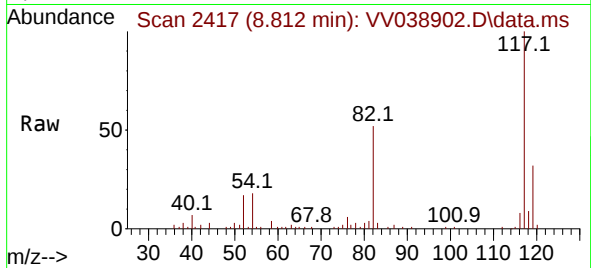




#65
Chlorobenzene
Concen: 0.033 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

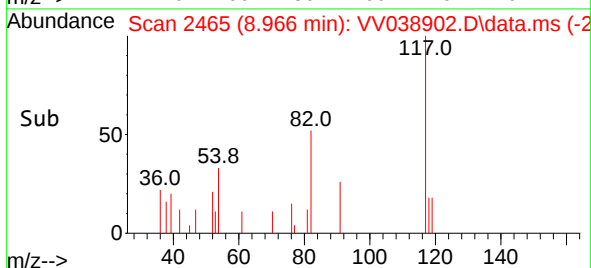
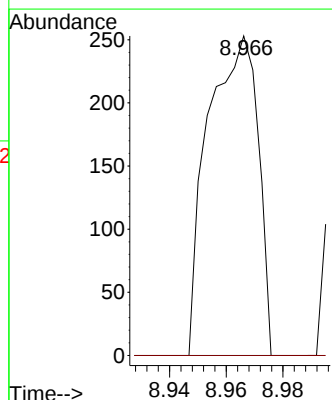
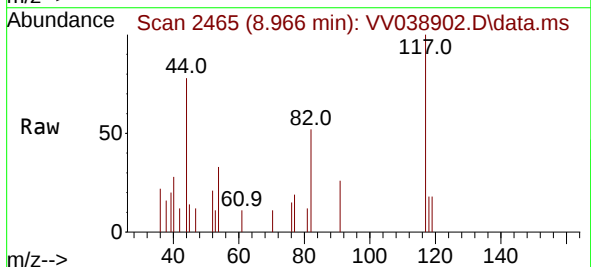
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

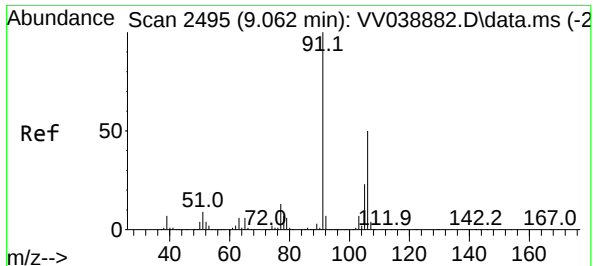
Tgt Ion:112 Resp: 579
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 0.012 ug/l
RT: 8.966 min Scan# 2465
Delta R.T. 0.029 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 91 Resp: 309
Ion Ratio Lower Upper
91 100
106 0.0 24.8 37.2#





#68

m/p-Xylenes

Concen: 0.011 ug/l

RT: 9.104 min Scan# 21

Delta R.T. 0.042 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

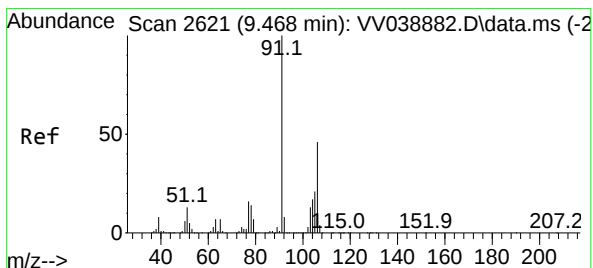
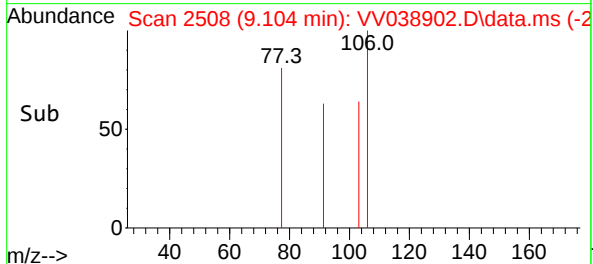
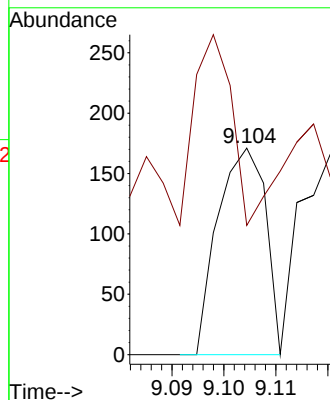
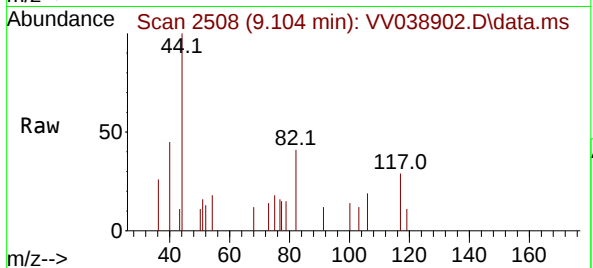
VV0716WBL01

Tgt Ion:106 Resp: 109

Ion Ratio Lower Upper

106 100

91 266.1 161.0 241.6#



#69

o-Xylene

Concen: 0.005 ug/l

RT: 9.619 min Scan# 2668

Delta R.T. 0.151 min

Lab File: VV038902.D

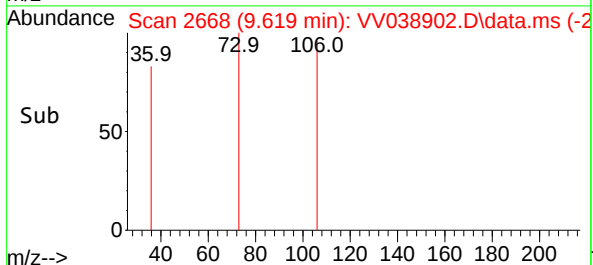
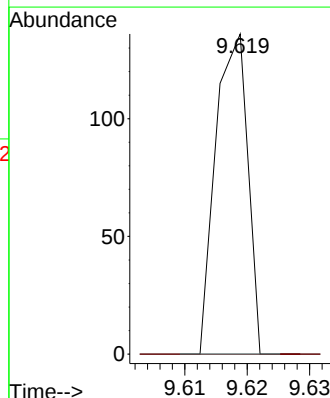
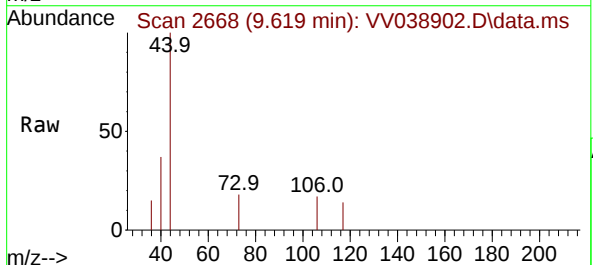
Acq: 16 Jul 2025 11:49

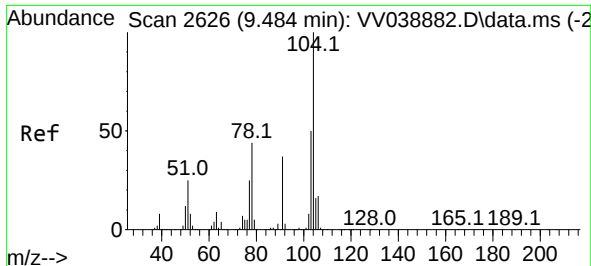
Tgt Ion:106 Resp: 48

Ion Ratio Lower Upper

106 100

91 0.0 108.9 326.6#

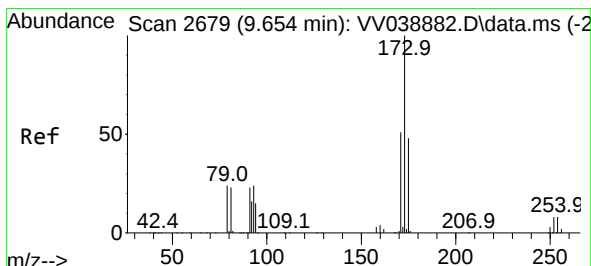
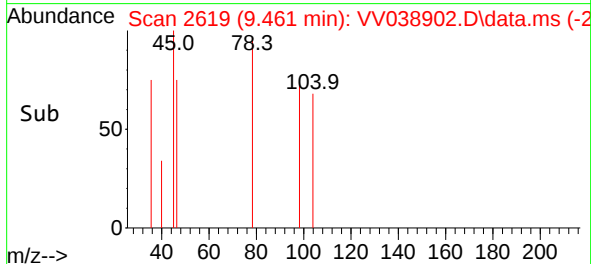
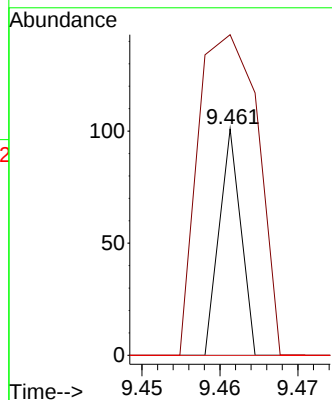
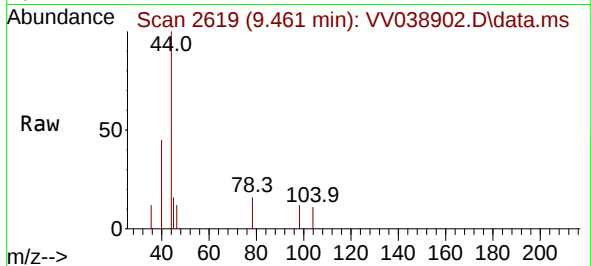




#70
Styrene
Concen: 0.001 ug/l
RT: 9.461 min Scan# 2619
Delta R.T. -0.022 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

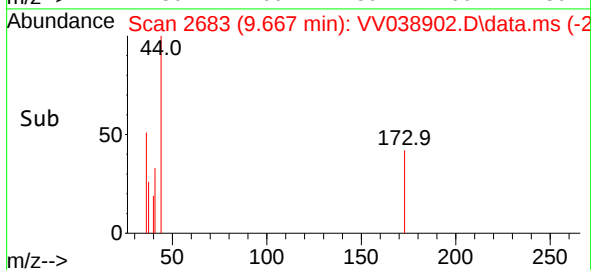
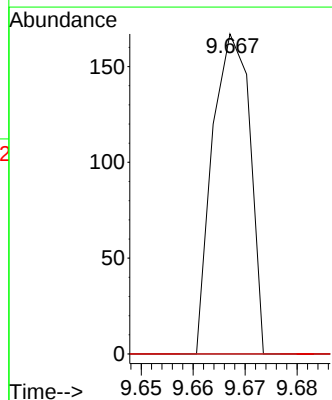
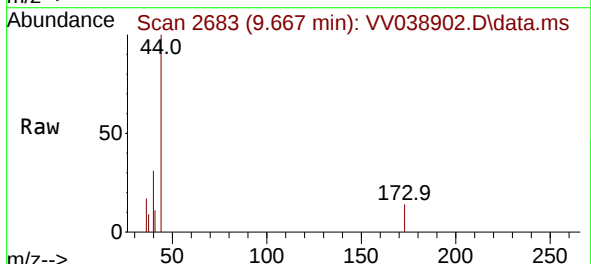
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

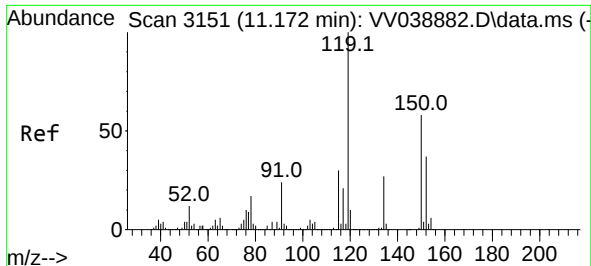
Tgt Ion:104 Resp: 19
Ion Ratio Lower Upper
104 100
78 400.0 39.9 59.9#
103 0.0 43.4 65.2#



#71
Bromoform
Concen: 0.015 ug/l
RT: 9.667 min Scan# 2683
Delta R.T. 0.013 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:173 Resp: 83
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.1 0.1#

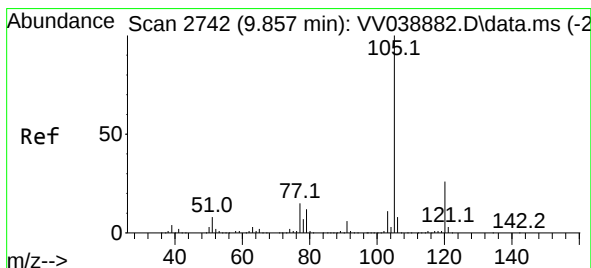
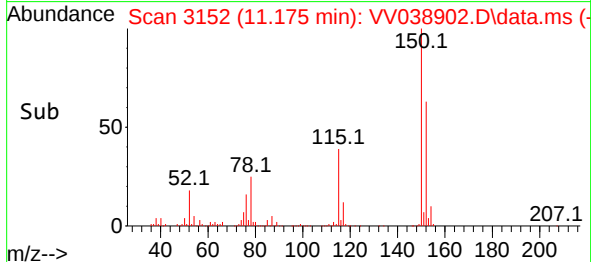
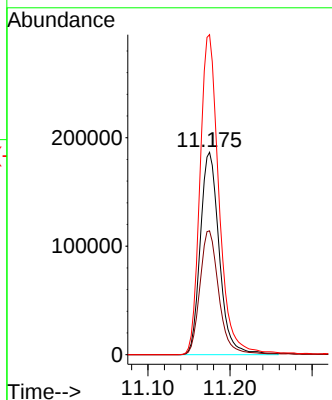
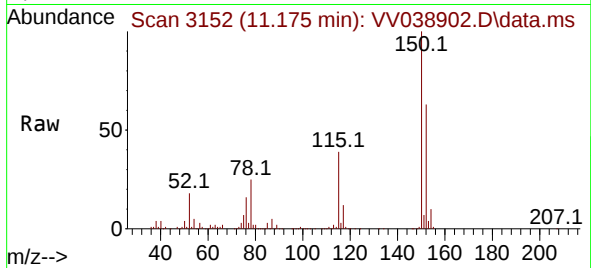




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

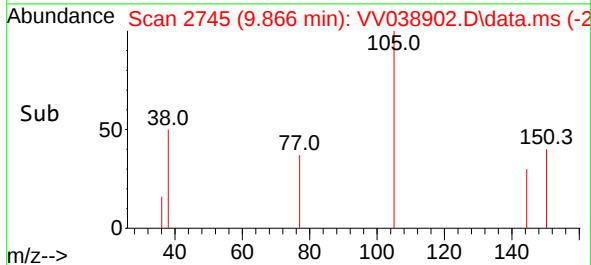
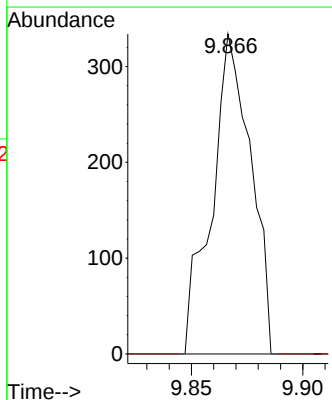
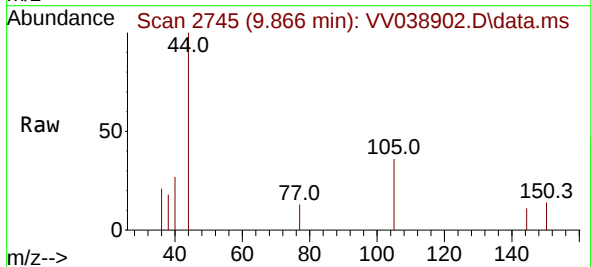
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

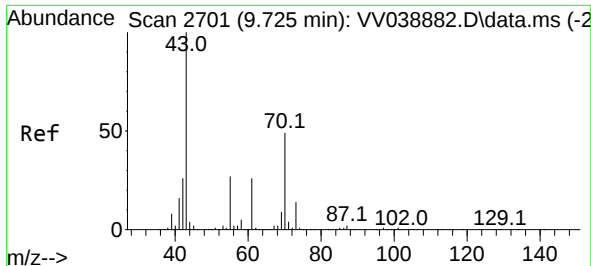
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.8	125.4
150	158.5	0.0	342.4



#73
Isopropylbenzene
Concen: 0.023 ug/l
RT: 9.866 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

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

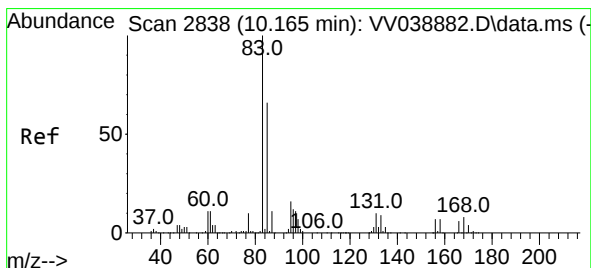
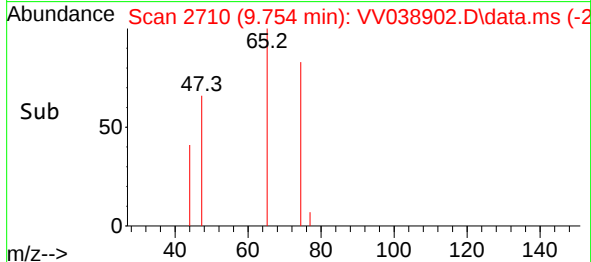
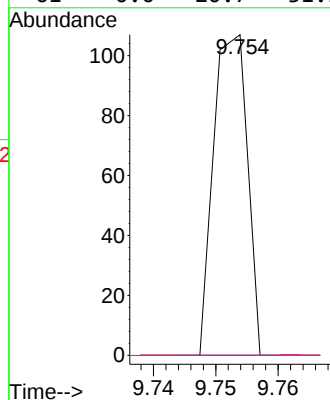
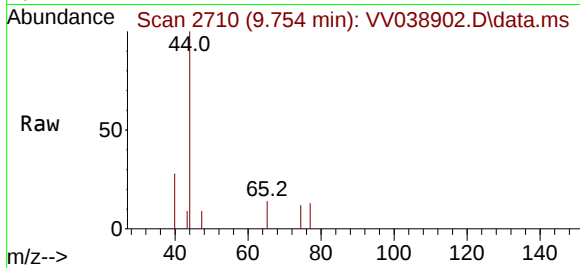




#74
N-amy1 acetate
Concen: 0.006 ug/l
RT: 9.754 min Scan# 21
Delta R.T. 0.029 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

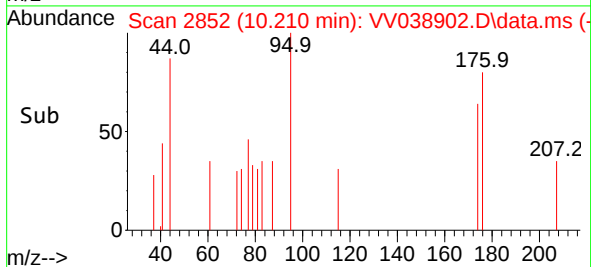
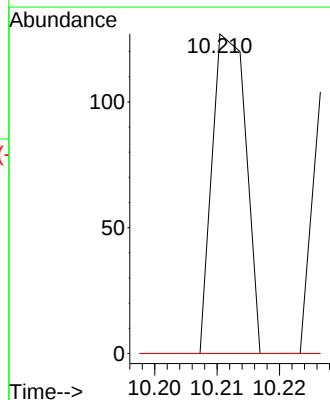
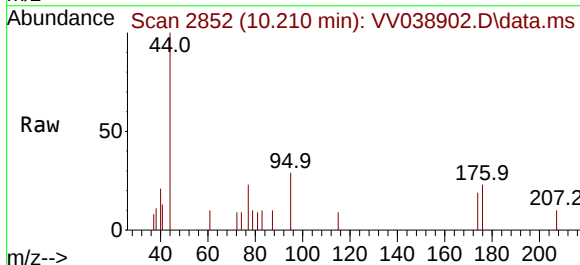
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

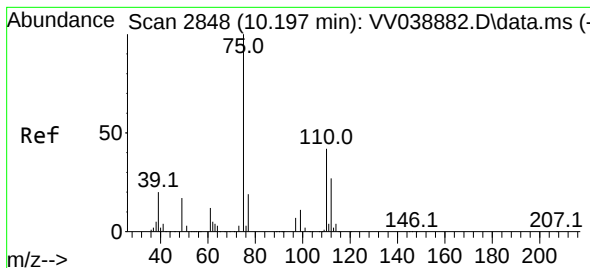
Tgt Ion: 43	Resp: 40
Ion Ratio	Lower Upper
43 100	
70 0.0	38.6 58.0#
55 0.0	21.8 32.8#
61 0.0	20.7 31.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.006 ug/l
RT: 10.210 min Scan# 2852
Delta R.T. 0.045 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 83	Resp:	48	
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: 30.072 ug/l

RT: 10.001 min Scan# 21

Delta R.T. -0.196 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

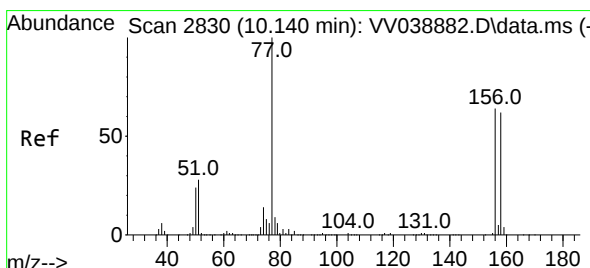
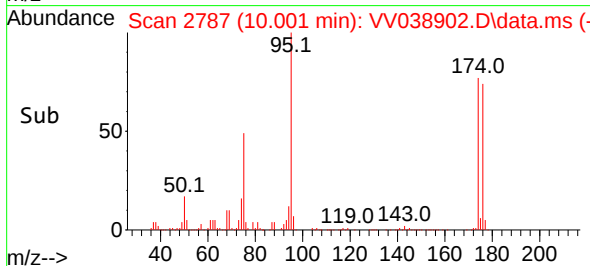
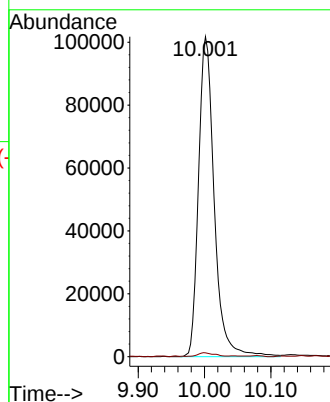
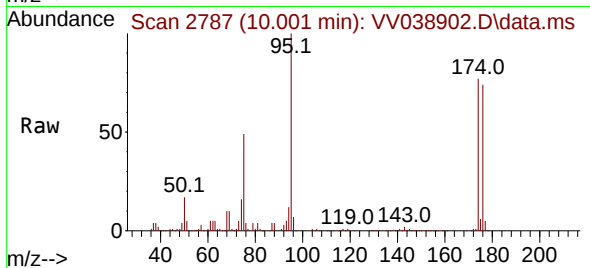
VV0716WBL01

Tgt Ion: 75 Resp: 167613

Ion Ratio Lower Upper

75 100

77 1.2 17.4 52.3#



#77

Bromobenzene

Concen: 0.014 ug/l

RT: 10.146 min Scan# 2832

Delta R.T. 0.007 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

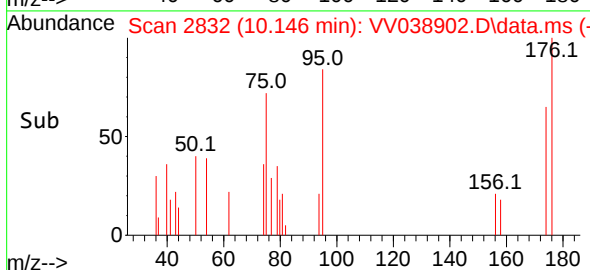
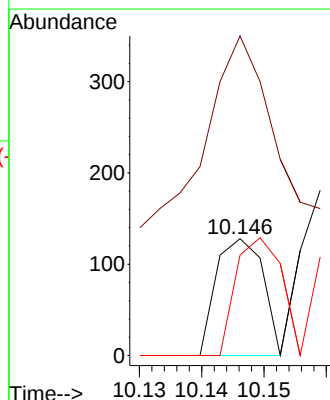
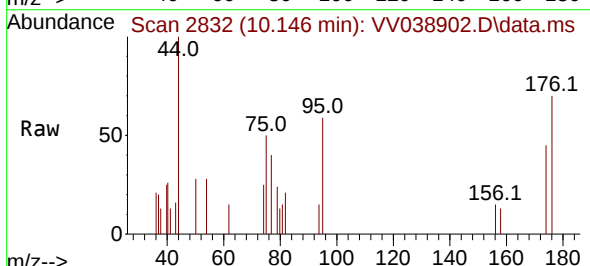
Tgt Ion:156 Resp: 67

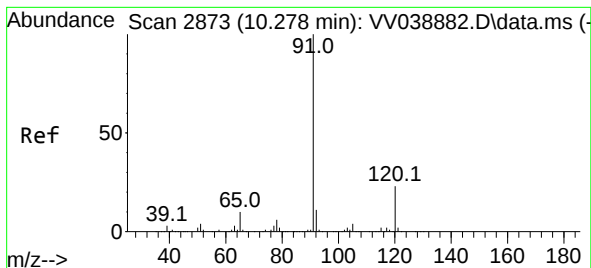
Ion Ratio Lower Upper

156 100

77 231.3 77.2 231.6

158 98.5 48.4 145.3





#78

n-propylbenzene

Concen: 0.013 ug/l

RT: 10.294 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

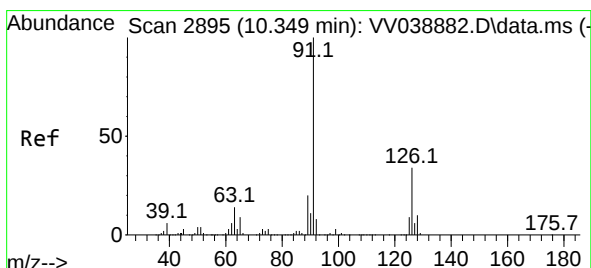
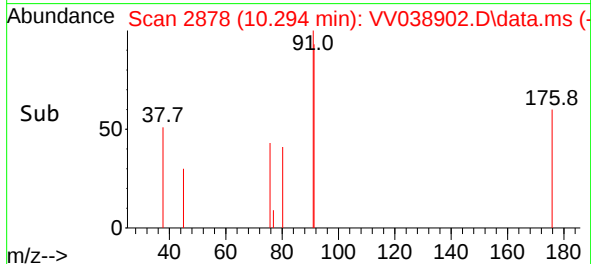
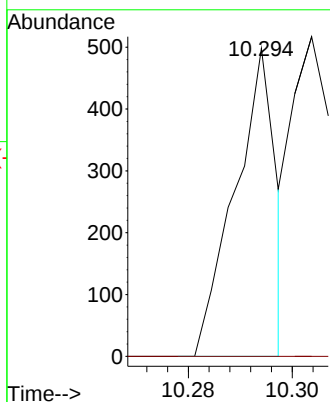
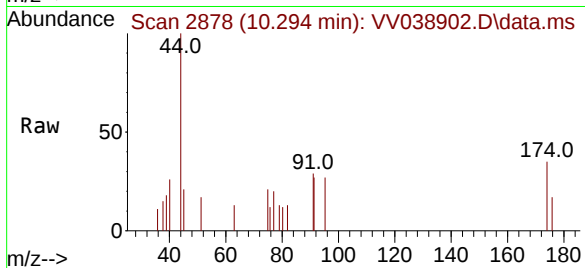
VV0716WBL01

Tgt Ion: 91 Resp: 275

Ion Ratio Lower Upper

91 100

120 0.0 11.6 34.8#



#79

2-Chlorotoluene

Concen: 0.006 ug/l

RT: 10.545 min Scan# 2956

Delta R.T. 0.196 min

Lab File: VV038902.D

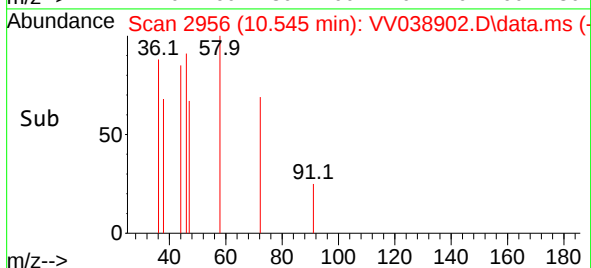
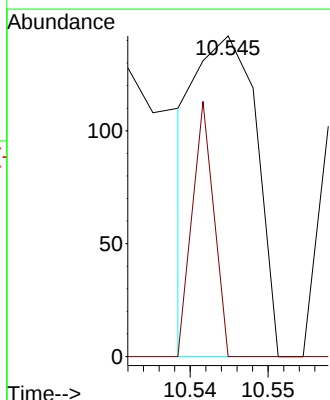
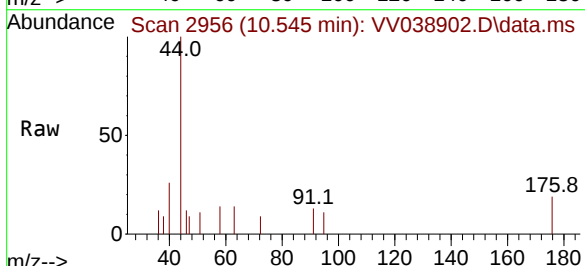
Acq: 16 Jul 2025 11:49

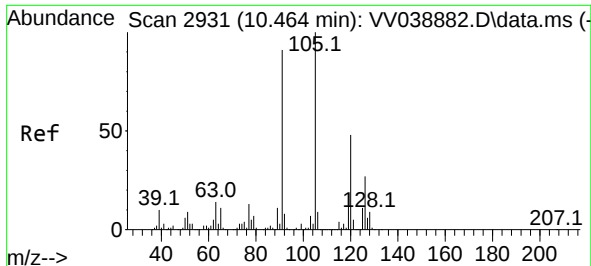
Tgt Ion: 91 Resp: 76

Ion Ratio Lower Upper

91 100

126 28.9 17.1 51.2

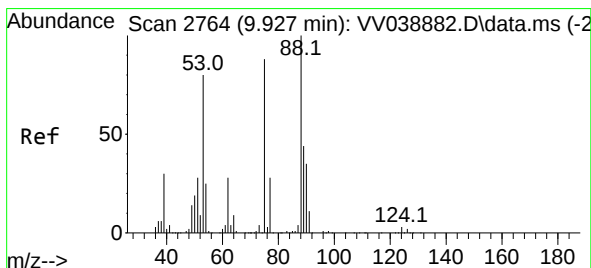
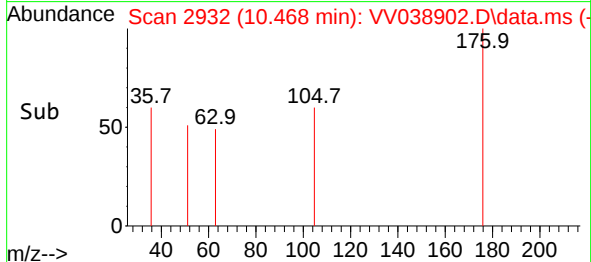
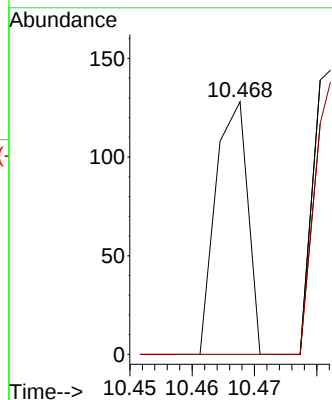
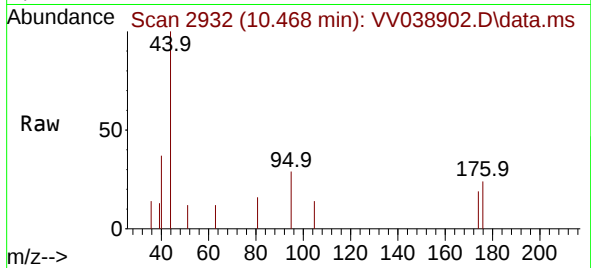




#80
 1,3,5-Trimethylbenzene
 Concen: 0.003 ug/l
 RT: 10.468 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

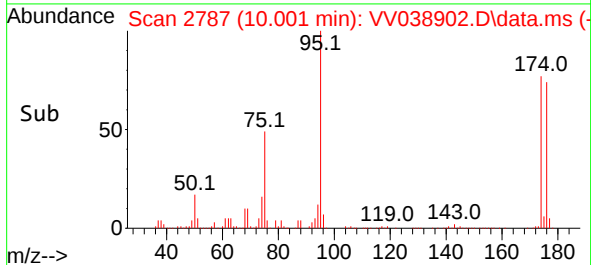
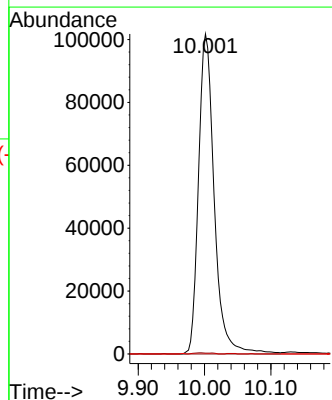
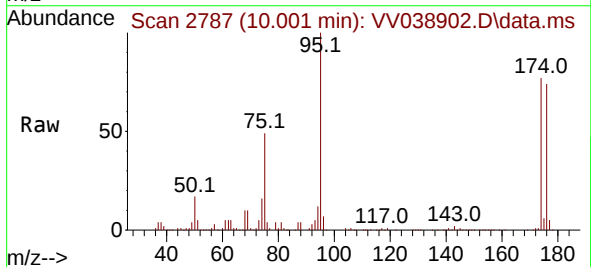
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

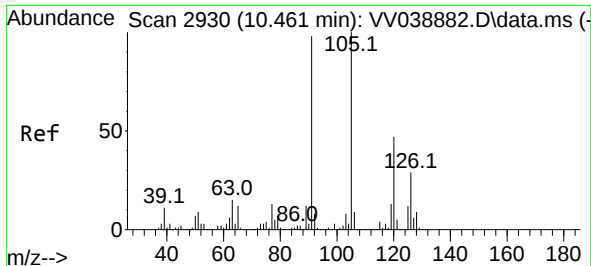
Tgt Ion:105 Resp: 46
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.0 72.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.384 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.074 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 75 Resp: 167613
 Ion Ratio Lower Upper
 75 100
 53 0.3 71.3 106.9#
 89 0.0 42.2 63.2#

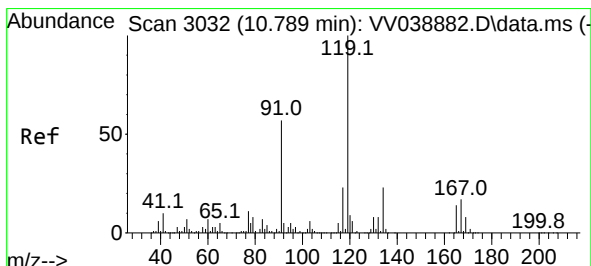
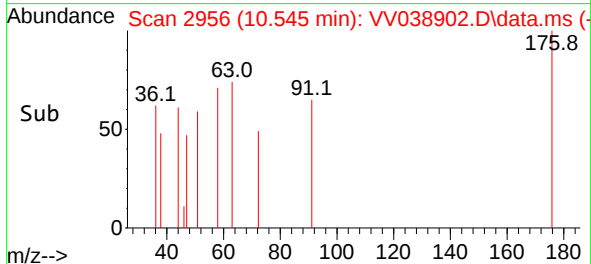
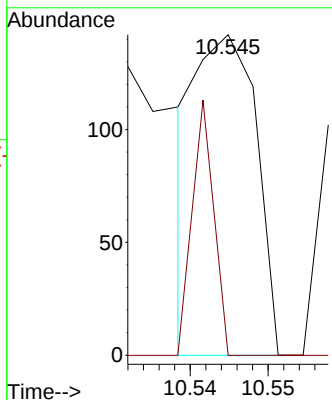
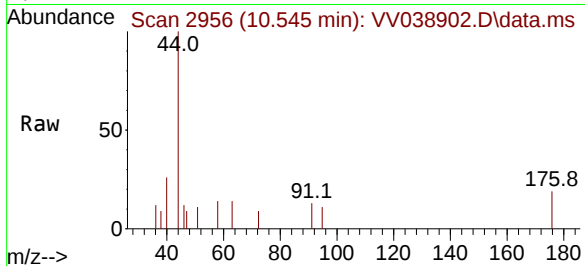




#82
4-Chlorotoluene
Concen: 0.005 ug/l
RT: 10.545 min Scan# 2930
Delta R.T. 0.084 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

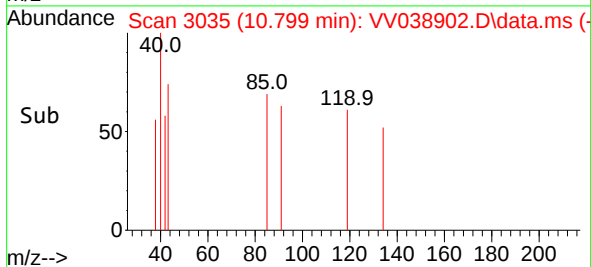
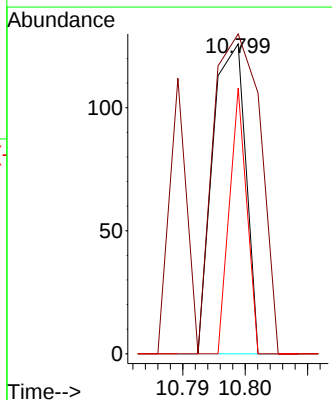
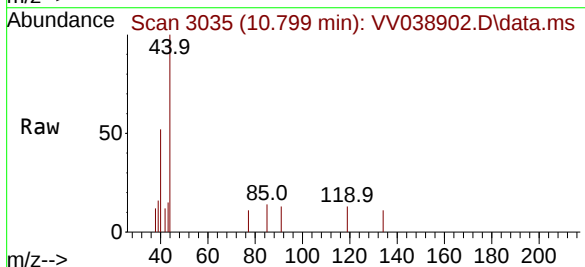
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

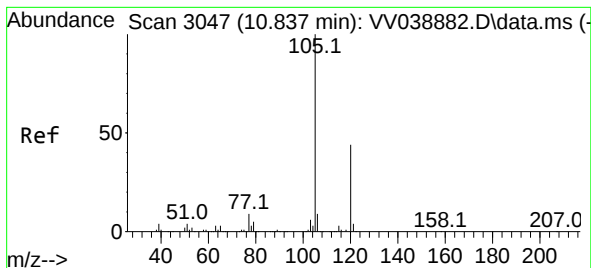
Tgt Ion: 91 Resp: 76
Ion Ratio Lower Upper
91 100
126 28.9 14.9 44.9



#83
tert-Butylbenzene
Concen: 0.003 ug/l
RT: 10.799 min Scan# 3035
Delta R.T. 0.010 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion: 119 Resp: 46
Ion Ratio Lower Upper
119 100
91 195.7 28.1 84.2#
134 45.7 11.4 34.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.003 ug/l

RT: 10.818 min Scan# 3041

Delta R.T. -0.019 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

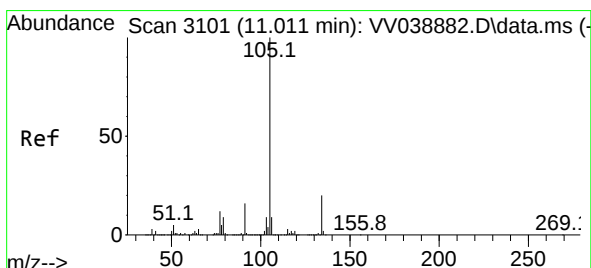
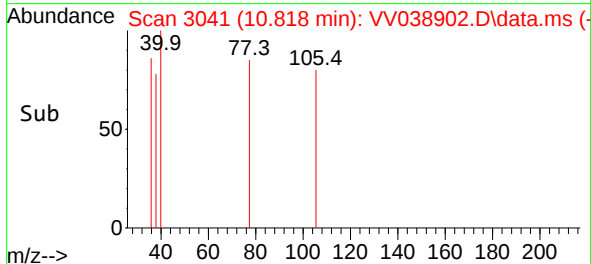
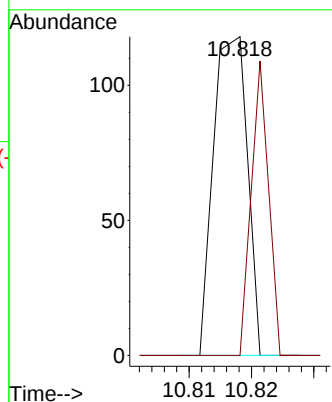
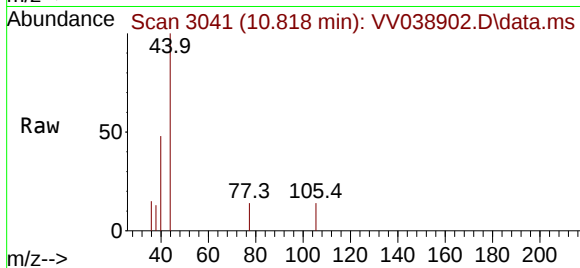
VV0716WBL01

Tgt Ion:105 Resp: 45

Ion Ratio Lower Upper

105 100

120 46.7 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.030 ug/l

RT: 11.021 min Scan# 3104

Delta R.T. 0.010 min

Lab File: VV038902.D

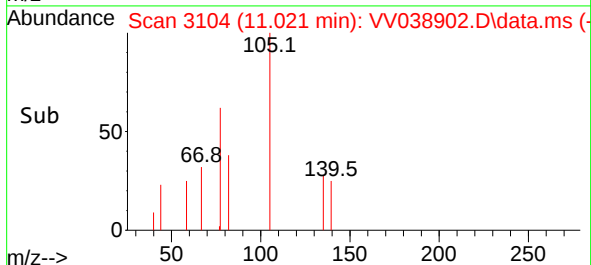
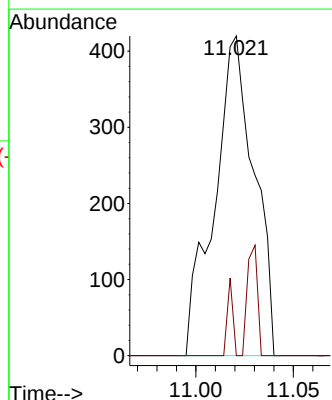
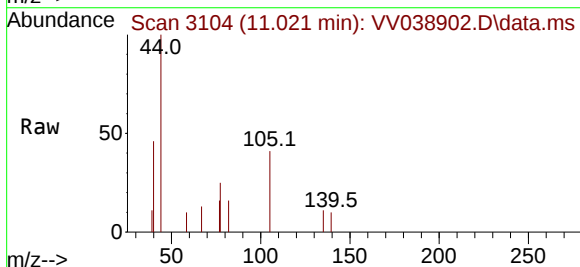
Acq: 16 Jul 2025 11:49

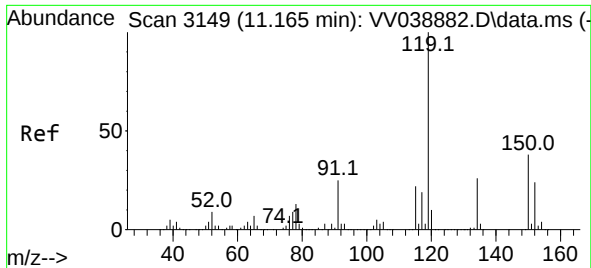
Tgt Ion:105 Resp: 598

Ion Ratio Lower Upper

105 100

134 3.3 9.9 29.7#

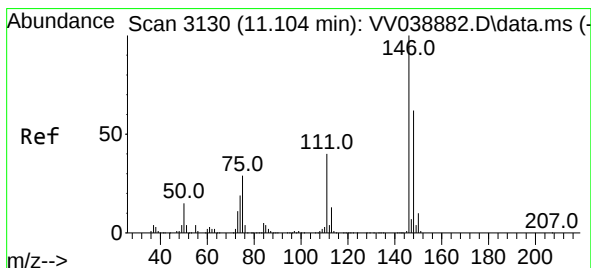
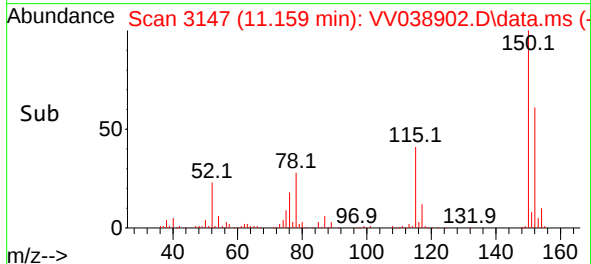
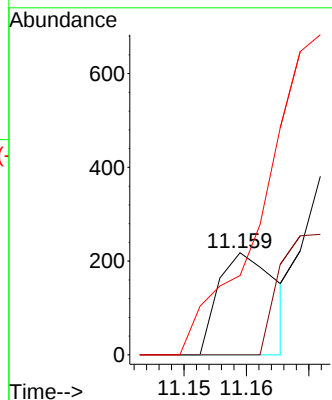
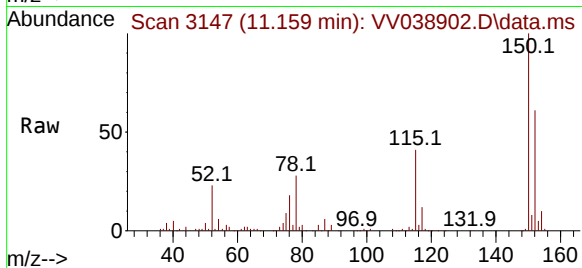




#86
p-Isopropyltoluene
Concen: 0.008 ug/l
RT: 11.159 min Scan# 3149
Delta R.T. -0.006 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

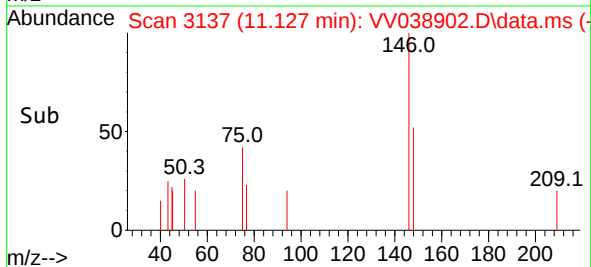
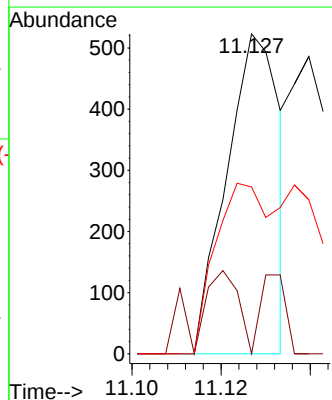
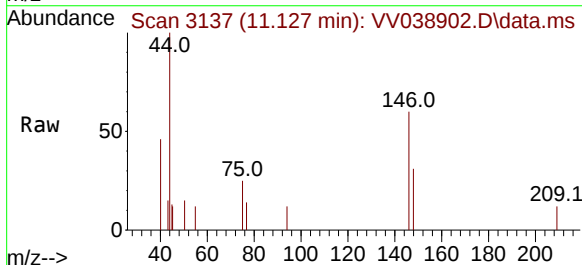
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

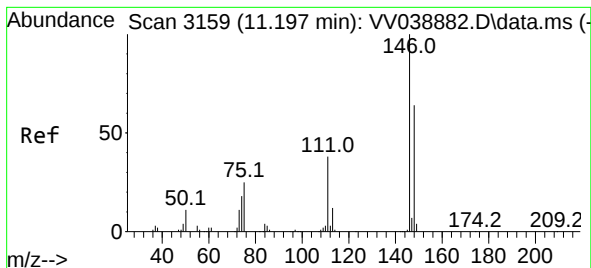
Tgt Ion:119 Resp: 139
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 0.0 12.3 36.8#



#87
1,3-Dichlorobenzene
Concen: 0.045 ug/l
RT: 11.127 min Scan# 3137
Delta R.T. 0.023 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:146 Resp: 429
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 51.0 31.4 94.3





#88

1,4-Dichlorobenzene

Concen: 0.117 ug/l

RT: 11.204 min Scan# 3159

Delta R.T. 0.007 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VV0716WBL01

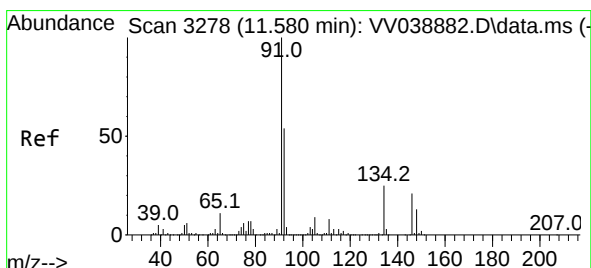
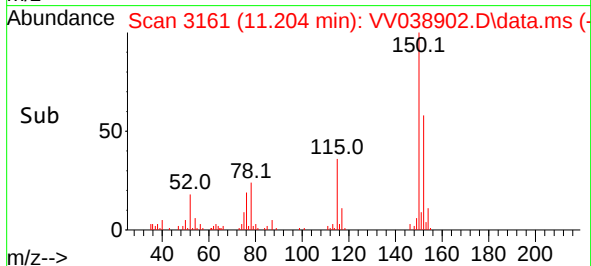
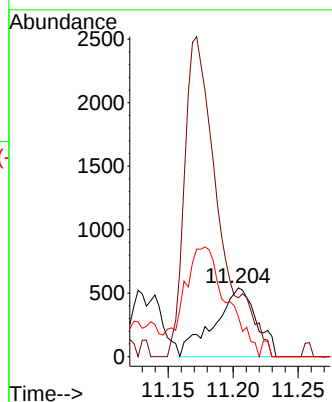
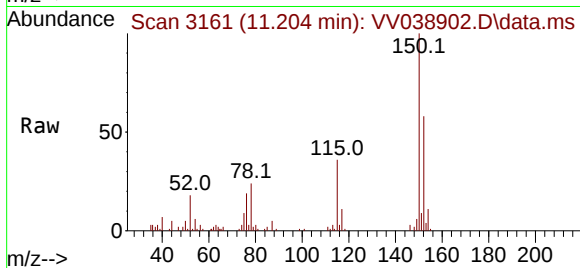
Tgt Ion:146 Resp: 1220

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.3#

148 0.0 32.1 96.5#



#89

n-Butylbenzene

Concen: 0.045 ug/l

RT: 11.606 min Scan# 3286

Delta R.T. 0.026 min

Lab File: VV038902.D

Acq: 16 Jul 2025 11:49

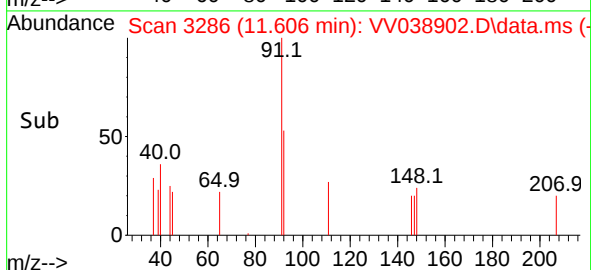
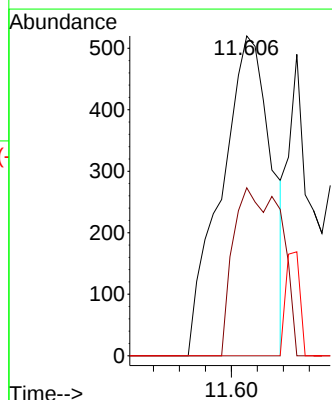
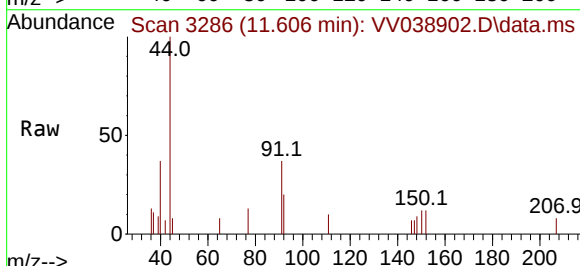
Tgt Ion: 91 Resp: 700

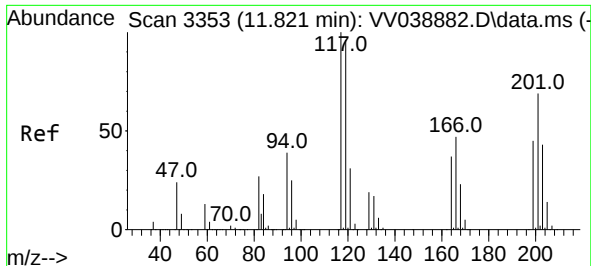
Ion Ratio Lower Upper

91 100

92 49.6 26.7 80.1

134 0.0 12.7 38.1#

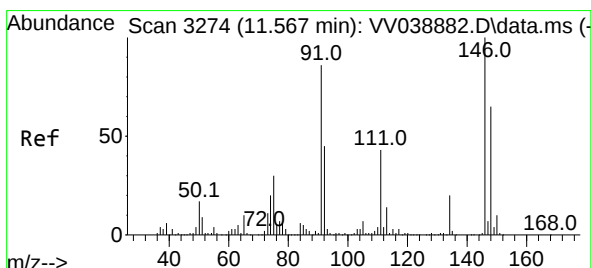
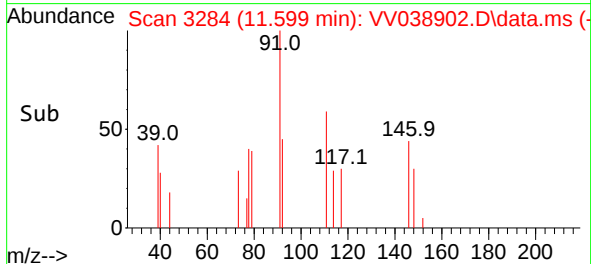
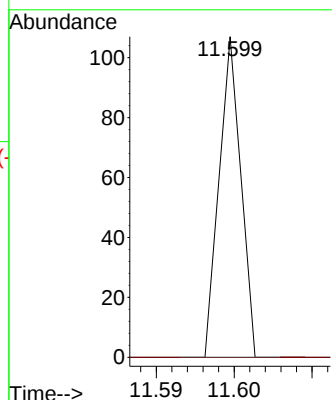
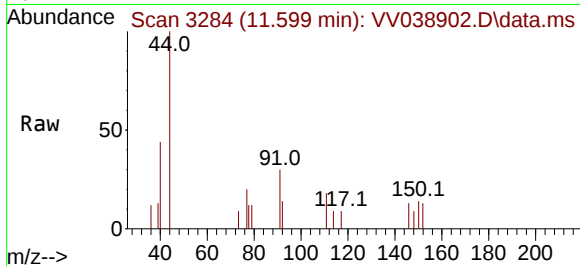




#90
Hexachloroethane
Concen: 0.005 ug/l
RT: 11.599 min Scan# 31
Delta R.T. -0.222 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

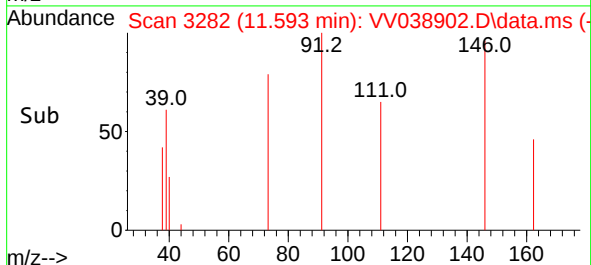
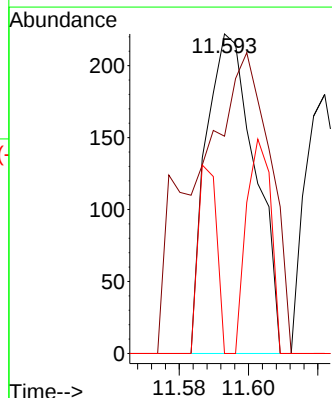
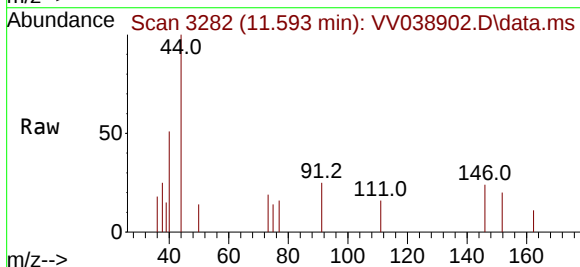
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

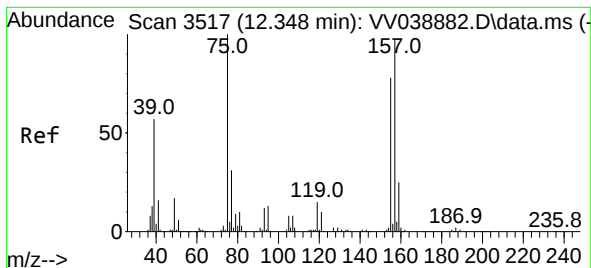
Tgt Ion:117 Resp: 21
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#



#91
1,2-Dichlorobenzene
Concen: 0.023 ug/l
RT: 11.593 min Scan# 3282
Delta R.T. 0.026 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

Tgt Ion:146 Resp: 218
Ion Ratio Lower Upper
146 100
111 0.0 21.4 64.3#
148 22.5 32.0 96.2#

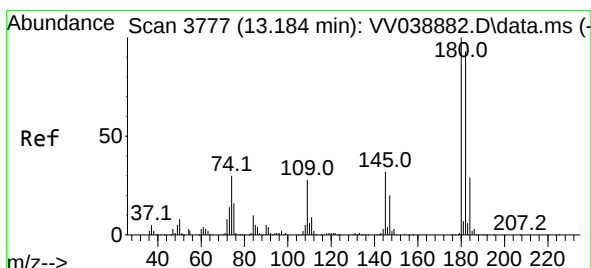
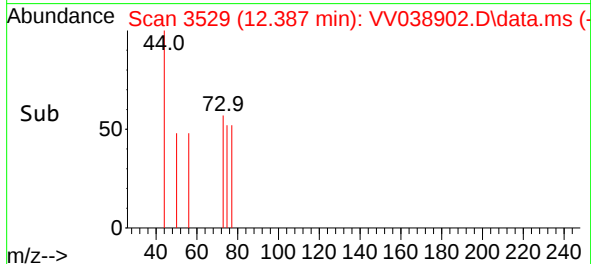
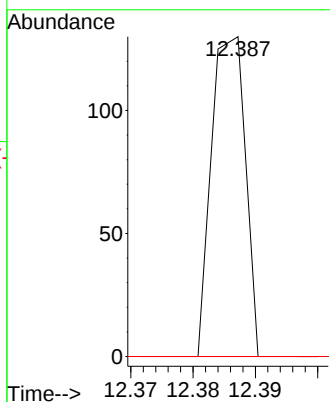
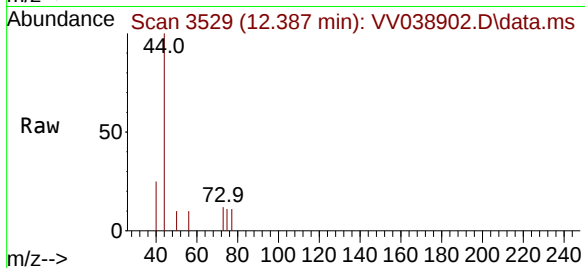




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.029 ug/l
 RT: 12.387 min Scan# 31
 Delta R.T. 0.039 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

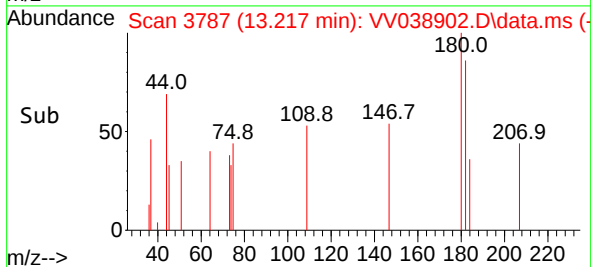
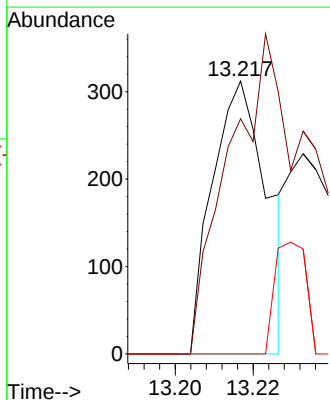
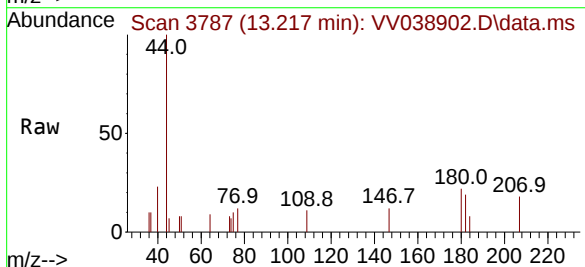
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01

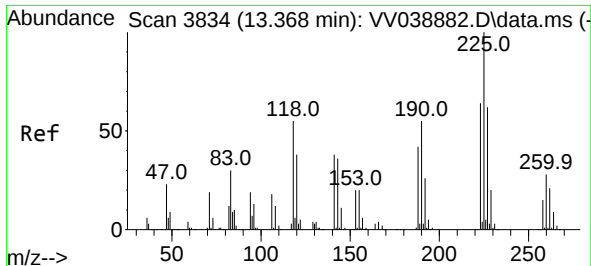
Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.2 120.6#
 157 0.0 51.1 153.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.055 ug/l
 RT: 13.217 min Scan# 3787
 Delta R.T. 0.032 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Tgt Ion: 180 Resp: 303
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 0.0 16.2 48.6#

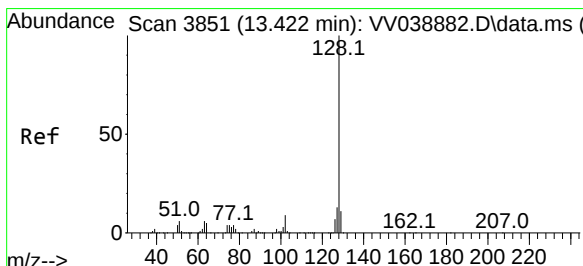
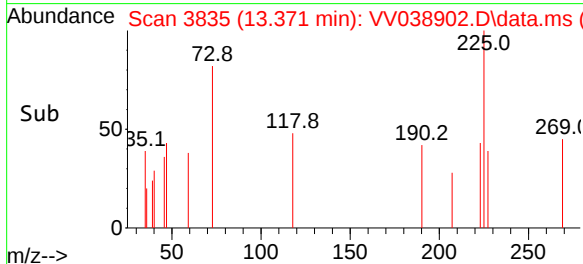
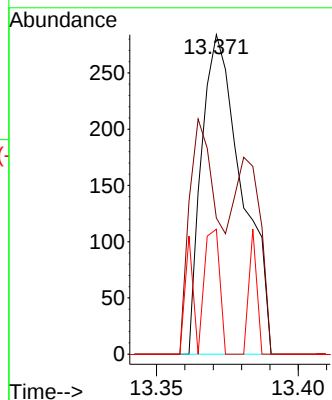
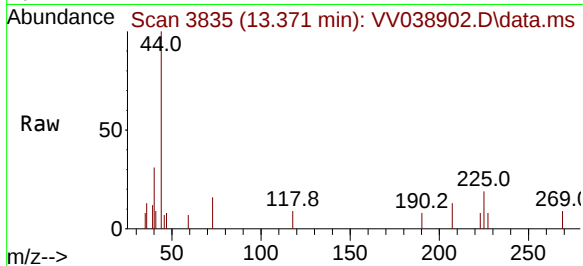




#94
Hexachlorobutadiene
Concen: 0.100 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

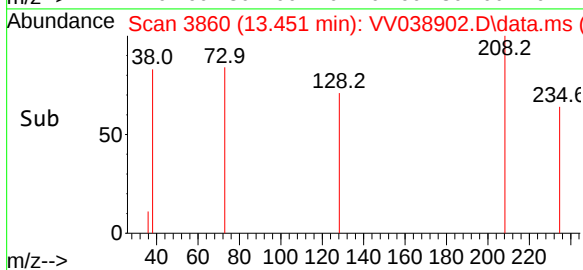
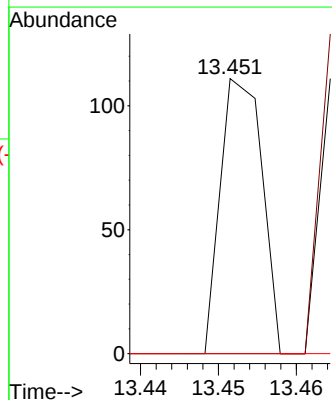
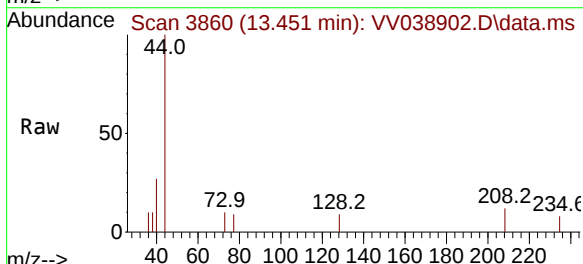
Instrument :
MSVOA_V
ClientSampleId :
VV0716WBL01

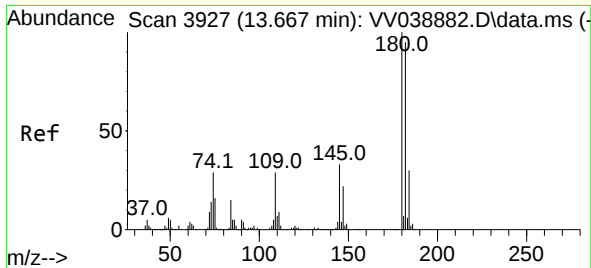
Tgt Ion:	225	Resp:	282
Ion	Ratio	Lower	Upper
225	100		
223	51.8	32.4	97.2
227	22.0	31.3	93.9#



#95
Naphthalene
Concen: 0.002 ug/l
RT: 13.451 min Scan# 3860
Delta R.T. 0.029 min
Lab File: VV038902.D
Acq: 16 Jul 2025 11:49

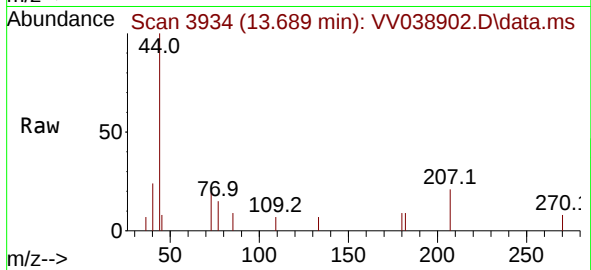
Tgt Ion:	128	Resp:	41
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.013 ug/l
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.023 min
 Lab File: VV038902.D
 Acq: 16 Jul 2025 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBL01



Tgt Ion:	180	Resp:	74
Ion	Ratio	Lower	Upper
180	100		
182	227.0	47.0	141.2#
145	0.0	17.0	51.0#

