

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV081125\
 Data File : VV038937.D
 Acq On : 11 Aug 2025 10:42
 Operator : SY/MD
 Sample : VV0811WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

Quant Time: Aug 12 01:44:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 01:42:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	441418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	774831	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	727563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	330000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	360350	56.765	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 113.520%	
35) Dibromofluoromethane	4.497	113	291655	49.616	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 99.240%	
50) Toluene-d8	7.236	98	915451	44.967	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 89.940%	
62) 4-Bromofluorobenzene	10.001	95	322195	43.944	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 87.880%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	21	0.007	ug/l #	42
3) Chloromethane	1.224	50	568	0.200	ug/l	98
4) Vinyl Chloride	1.310	62	79	0.023	ug/l #	41
5) Bromomethane	1.503	94	783	0.287	ug/l #	51
6) Chloroethane	1.552	64	50	0.020	ug/l #	1
7) Trichlorofluoromethane	1.831	101	66	0.010	ug/l #	18
8) Diethyl Ether	2.002	74	94	0.037	ug/l	61
9) 1,1,2-Trichlorotrifluo...	1.831	101	66	0.015	ug/l #	19
10) Methyl Iodide	2.201	142	745	0.178	ug/l #	74
11) Tert butyl alcohol	2.580	59	112	0.104	ug/l #	73
12) 1,1-Dichloroethene	2.072	96	54	0.015	ug/l #	10
13) Acrolein	2.031	56	124	0.150	ug/l #	15
14) Allyl chloride	2.339	41	137	0.021	ug/l #	64
15) Acrylonitrile	2.683	53	328	0.116	ug/l #	64
16) Acetone	2.124	43	633	0.278	ug/l	94
17) Carbon Disulfide	2.256	76	830	0.141	ug/l	96
18) Methyl Acetate	2.365	43	409	0.050	ug/l #	61
19) Methyl tert-butyl Ether	2.741	73	66	0.004	ug/l #	55
20) Methylene Chloride	2.449	84	535	0.102	ug/l #	62
21) trans-1,2-Dichloroethene	2.706	96	473	0.119	ug/l #	39
22) Diisopropyl ether	3.201	45	134	0.010	ug/l #	33
23) Vinyl Acetate	3.195	43	93	0.010	ug/l #	69
24) 1,1-Dichloroethane	3.124	63	44	0.005	ug/l #	83
25) 2-Butanone	3.867	43	69	0.024	ug/l #	45
26) 2,2-Dichloropropane	3.828	77	55	0.007	ug/l #	54
27) cis-1,2-Dichloroethene	3.809	96	85	0.018	ug/l #	1
28) Bromochloromethane	4.014	49	42	0.015	ug/l #	7
29) Tetrahydrofuran	4.220	42	48	0.025	ug/l #	25
31) Cyclohexane	4.596	56	8330	1.633	ug/l #	1
32) 1,1,1-Trichloroethane	4.510	97	104	0.013	ug/l #	26
36) 1,1-Dichloropropene	4.596	75	36546	6.993	ug/l #	49
37) Ethyl Acetate	3.966	43	49	0.007	ug/l #	67
38) Carbon Tetrachloride	4.596	117	44917	6.507	ug/l #	18
39) Methylcyclohexane	6.059	83	108	0.019	ug/l #	18
40) Benzene	5.014	78	210	0.012	ug/l #	51
41) Methacrylonitrile	4.156	41	20	0.007	ug/l #	19

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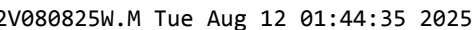
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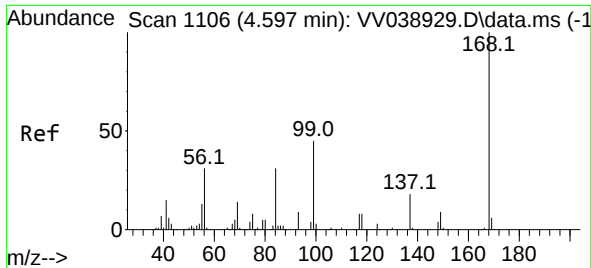
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.050	62	75	0.011	ug/l #	73
43) Isopropyl Acetate	5.182	43	46	0.005	ug/l #	58
44) Trichloroethene	5.876	130	53	0.012	ug/l	4
45) 1,2-Dichloropropane	6.072	63	20	0.004	ug/l #	1
46) Dibromomethane	6.233	93	46	0.013	ug/l #	4
47) Bromodichloromethane	6.416	83	46	0.006	ug/l #	26
48) Methyl methacrylate	6.317	41	200	0.047	ug/l #	15
49) 1,4-Dioxane	6.265	88	71	0.800	ug/l #	17
51) 4-Methyl-2-Pentanone	7.169	43	123	0.018	ug/l #	33
52) Toluene	7.313	92	42	0.004	ug/l	97
53) t-1,3-Dichloropropene	7.767	75	22	0.003	ug/l #	74
54) cis-1,3-Dichloropropene	6.870	75	21	0.003	ug/l #	39
55) 1,1,2-Trichloroethane	7.735	97	75	0.014	ug/l #	16
56) Ethyl methacrylate	7.693	69	89	0.014	ug/l #	1
57) 1,3-Dichloropropane	8.018	76	85	0.010	ug/l #	42
58) 2-Chloroethyl Vinyl ether	6.841	63	20	0.006	ug/l #	45
59) 2-Hexanone	8.226	43	47	0.010	ug/l	79
61) 1,2-Dibromoethane	8.034	107	43	0.008	ug/l #	2
64) Tetrachloroethene	7.908	164	54	0.013	ug/l #	1
65) Chlorobenzene	8.796	112	200	0.014	ug/l #	43
67) Ethyl Benzene	8.966	91	162	0.008	ug/l #	43
68) m/p-Xylenes	9.140	106	21	0.003	ug/l #	1
71) Bromoform	9.664	173	297	0.063	ug/l #	82
73) Isopropylbenzene	9.879	105	20	0.001	ug/l #	48
74) N-amyl acetate	9.725	43	45	0.007	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	10.175	83	20	0.003	ug/l #	25
76) 1,2,3-Trichloropropane	10.001	75	162362	30.113	ug/l #	54
77) Bromobenzene	10.156	156	93	0.020	ug/l #	37
78) n-propylbenzene	10.304	91	135	0.007	ug/l #	52
79) 2-Chlorotoluene	10.374	91	162	0.013	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.480	105	22	0.002	ug/l #	28
81) trans-1,4-Dichloro-2-b...	10.001	75	162362	75.392	ug/l #	15
82) 4-Chlorotoluene	10.416	91	58	0.004	ug/l #	45
83) tert-Butylbenzene	10.789	119	44	0.003	ug/l #	3
84) 1,2,4-Trimethylbenzene	10.873	105	94	0.007	ug/l #	30
85) sec-Butylbenzene	11.011	105	110	0.006	ug/l #	56
86) p-Isopropyltoluene	11.172	119	275	0.016	ug/l #	1
87) 1,3-Dichlorobenzene	11.140	146	345	0.036	ug/l #	66
88) 1,4-Dichlorobenzene	11.201	146	699	0.066	ug/l #	25
89) n-Butylbenzene	11.615	91	382	0.024	ug/l #	73
90) Hexachloroethane	11.654	117	76	0.019	ug/l #	15
91) 1,2-Dichlorobenzene	11.590	146	50	0.005	ug/l #	55
92) 1,2-Dibromo-3-Chloropr...	12.329	75	21	0.013	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.210	180	238	0.041	ug/l #	57
94) Hexachlorobutadiene	13.374	225	104	0.034	ug/l #	36
95) Naphthalene	13.461	128	48	0.003	ug/l #	1

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

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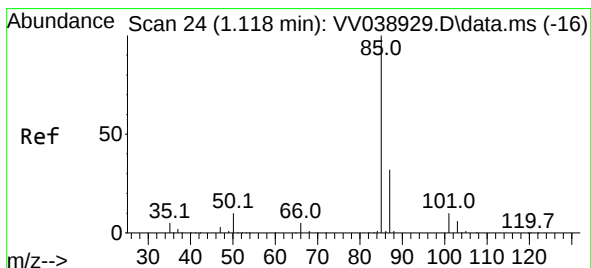
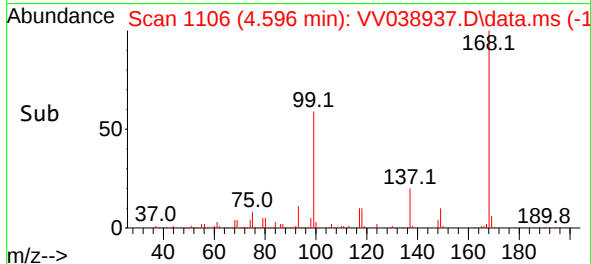
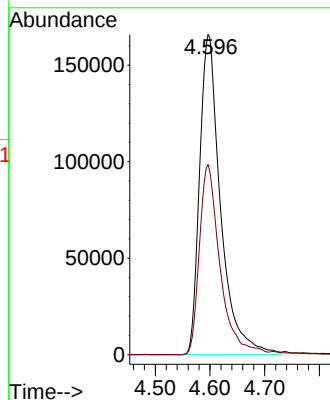
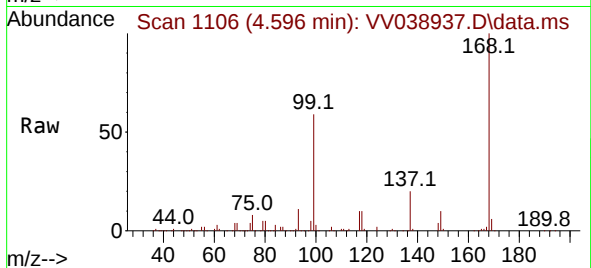




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. -0.001 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

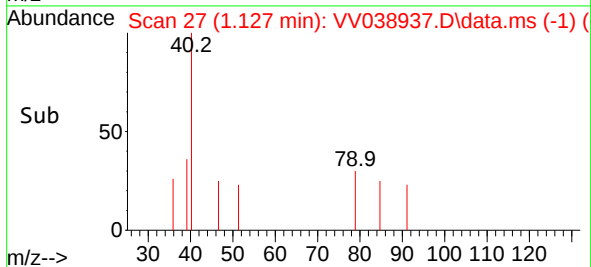
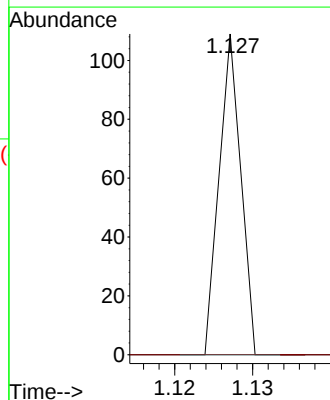
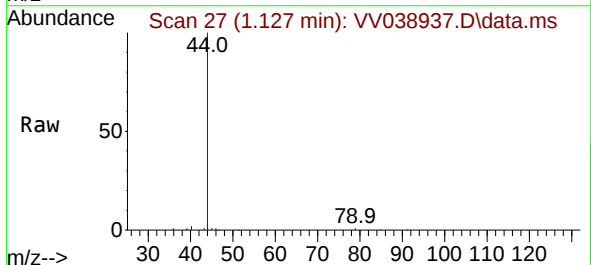
Instrument :
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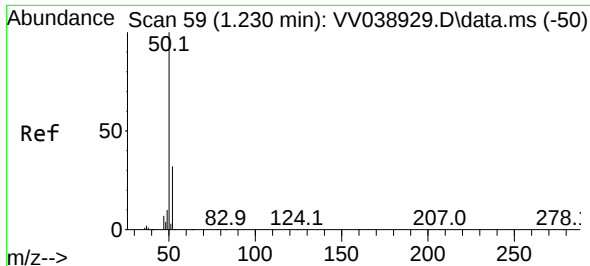
Tgt Ion:168 Resp: 441418
Ion Ratio Lower Upper
168 100
99 59.4 47.3 70.9



#2
Dichlorodifluoromethane
Concen: 0.007 ug/l
RT: 1.127 min Scan# 27
Delta R.T. 0.010 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

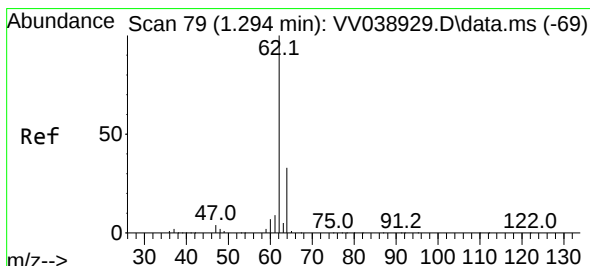
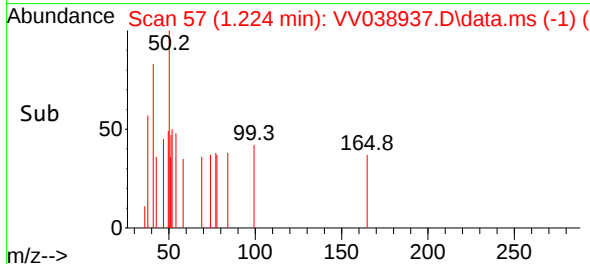
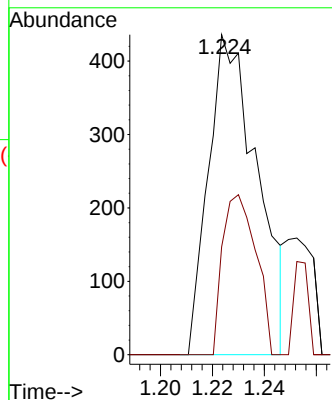
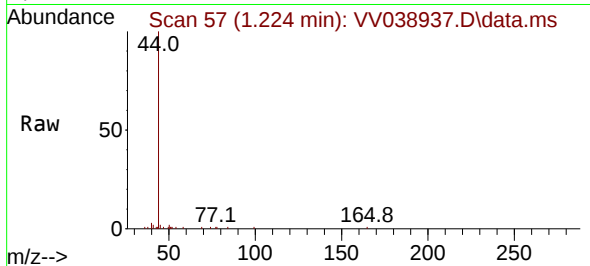




#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.224 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

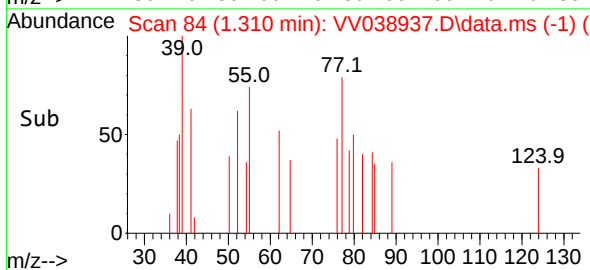
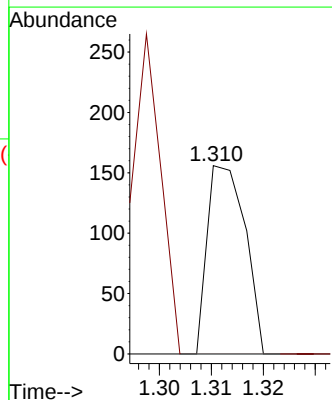
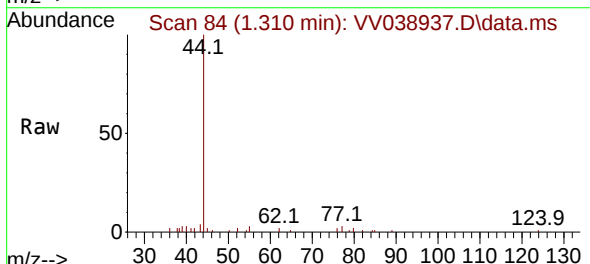
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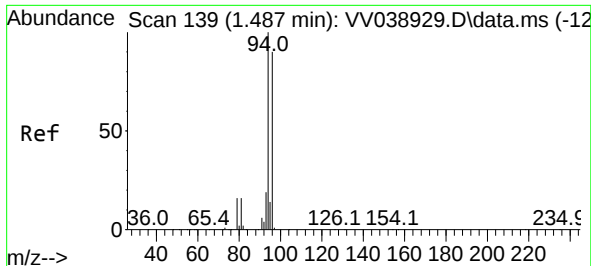
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



#4
Vinyl Chloride
Concen: 0.023 ug/l
RT: 1.310 min Scan# 84
Delta R.T. 0.016 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 62 Resp: 79
Ion Ratio Lower Upper
62 100
64 0.0 26.6 40.0#

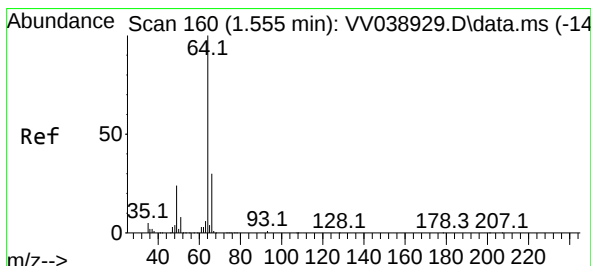
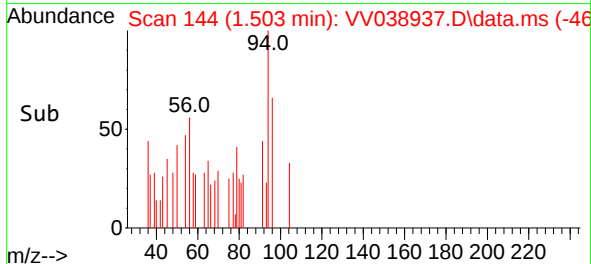
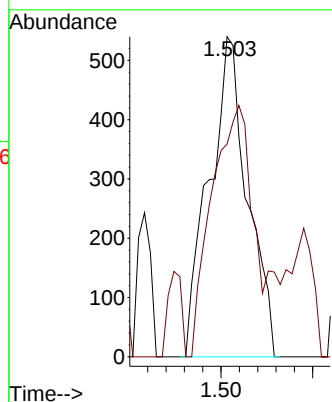
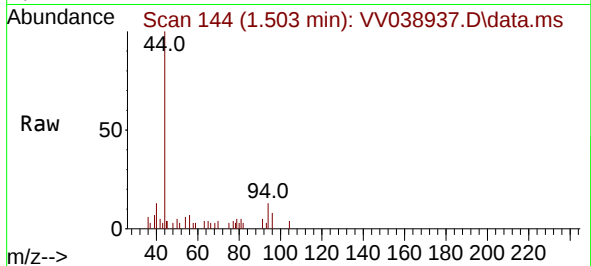




#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.503 min Scan# 14
Delta R.T. 0.016 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

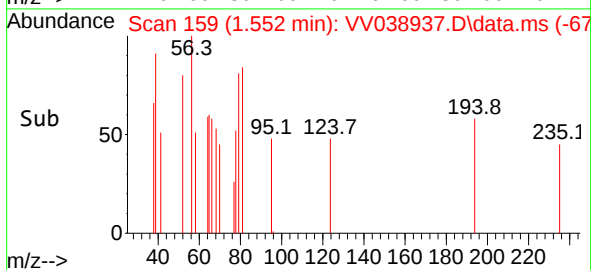
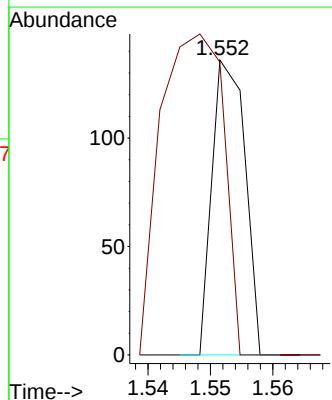
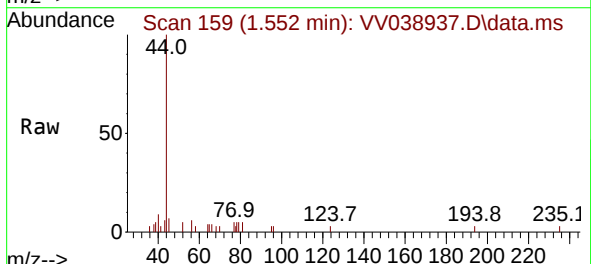
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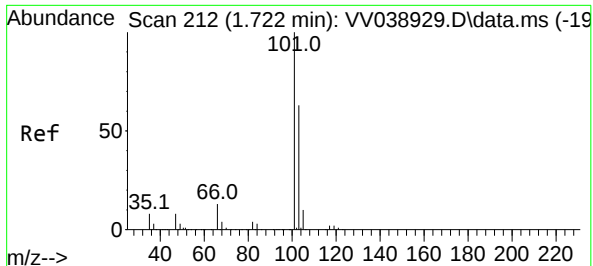
Tgt Ion: 94 Resp: 783
Ion Ratio Lower Upper
94 100
96 43.9 71.8 107.8#



#6
Chloroethane
Concen: 0.020 ug/l
RT: 1.552 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 99.3 24.3 36.5#

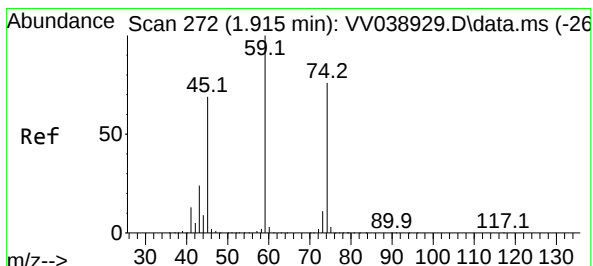
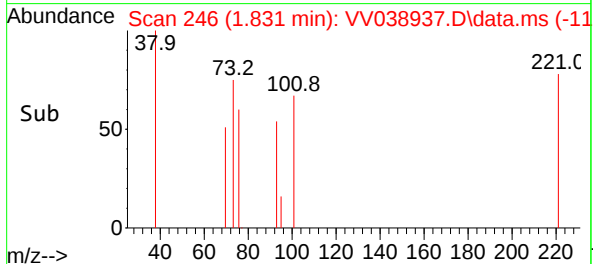
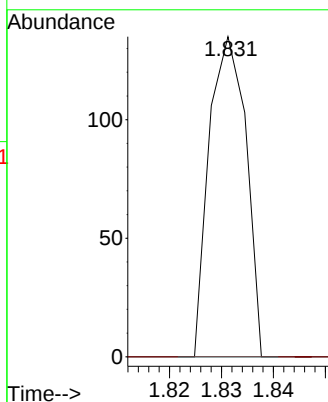
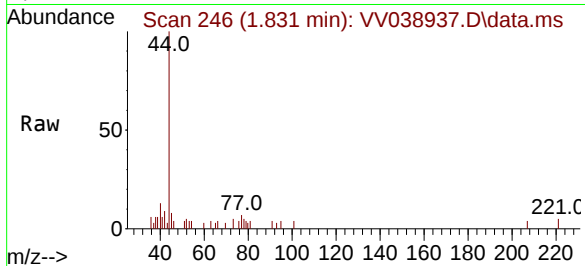




#7
 Trichlorofluoromethane
 Concen: 0.010 ug/l
 RT: 1.831 min Scan# 246
 Delta R.T. 0.109 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

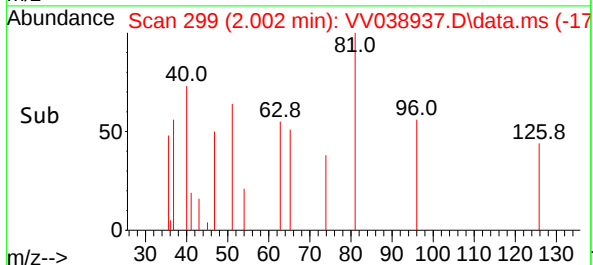
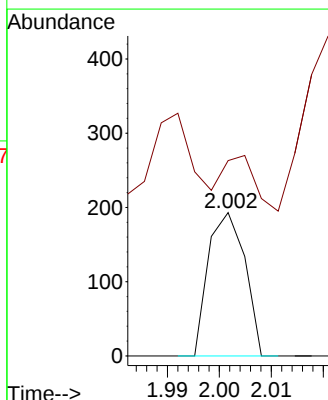
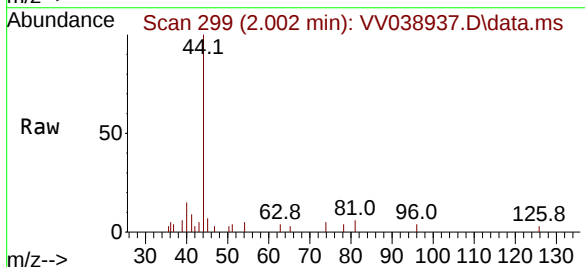
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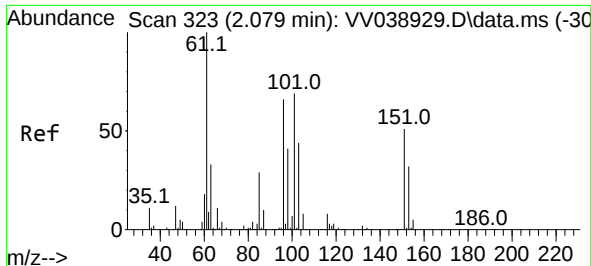
Tgt Ion:101 Resp: 66
 Ion Ratio Lower Upper
 101 100
 103 0.0 50.8 76.2#



#8
 Diethyl Ether
 Concen: 0.037 ug/l
 RT: 2.002 min Scan# 299
 Delta R.T. 0.087 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

Tgt Ion: 74 Resp: 94
 Ion Ratio Lower Upper
 74 100
 45 53.2 44.8 134.4

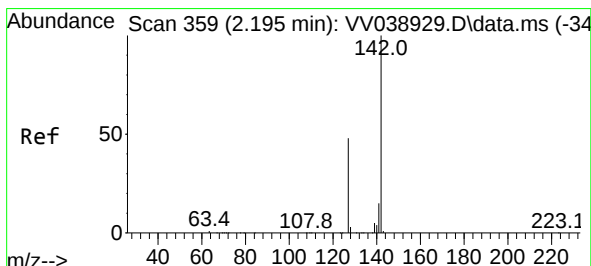
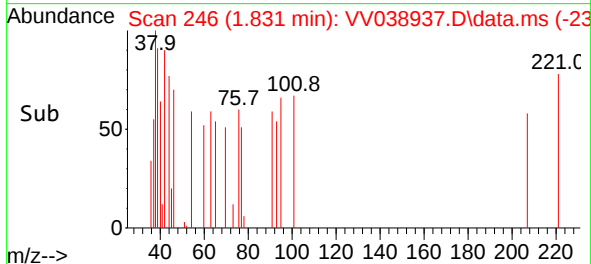
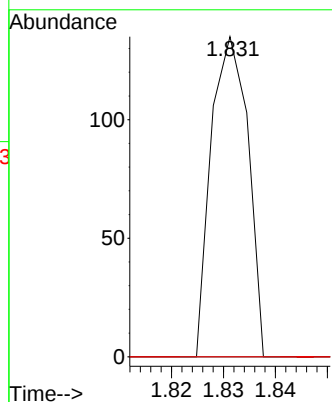
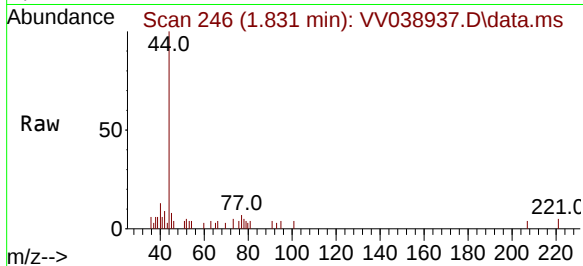




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.015 ug/l
RT: 1.831 min Scan# 246
Delta R.T. -0.248 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

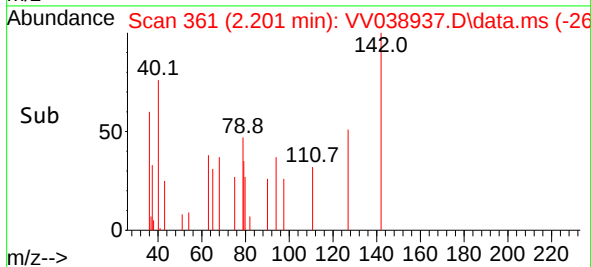
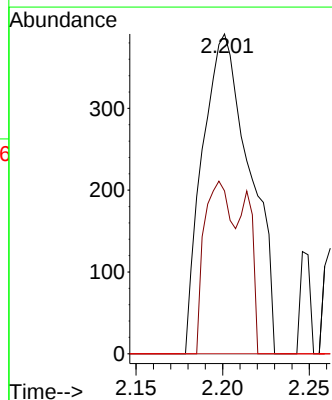
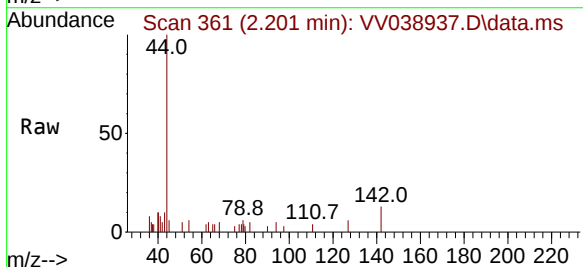
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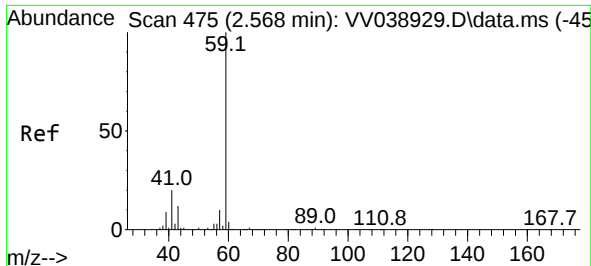
Tgt Ion:101 Resp: 66
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 60.6 91.0#



#10
Methyl Iodide
Concen: 0.178 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:142 Resp: 745
Ion Ratio Lower Upper
142 100
127 32.3 38.2 57.2#
141 0.0 11.6 17.4#

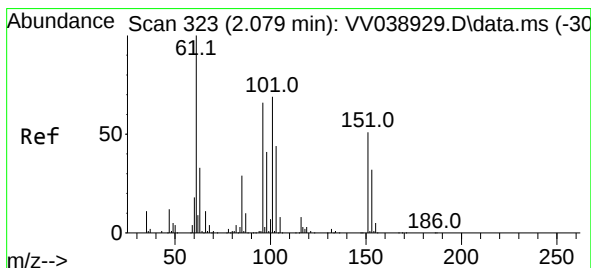
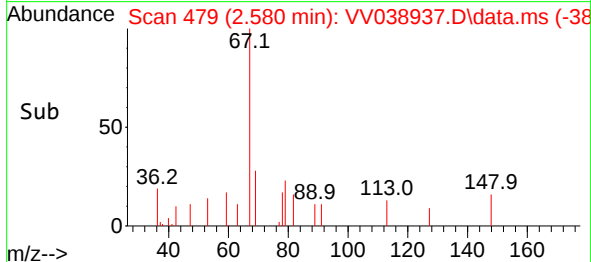
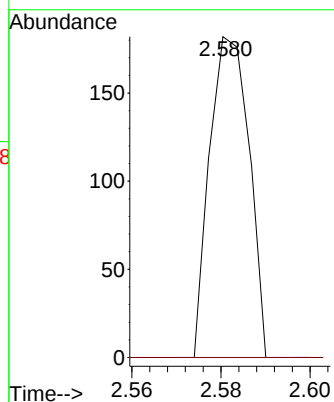
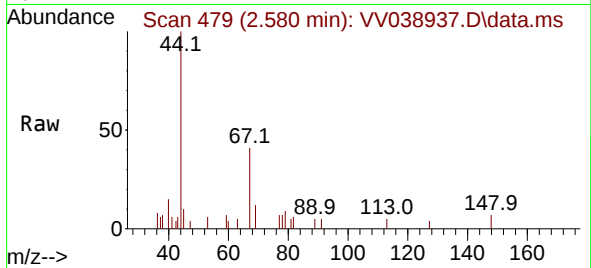




#11
Tert butyl alcohol
Concen: 0.104 ug/l
RT: 2.580 min Scan# 411
Delta R.T. 0.012 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

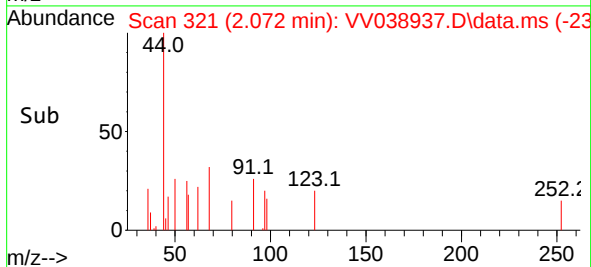
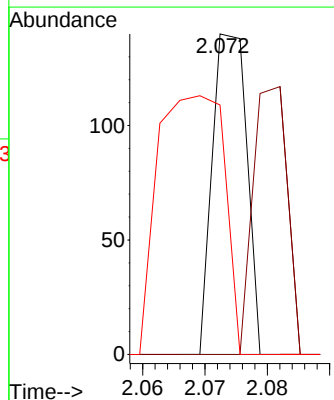
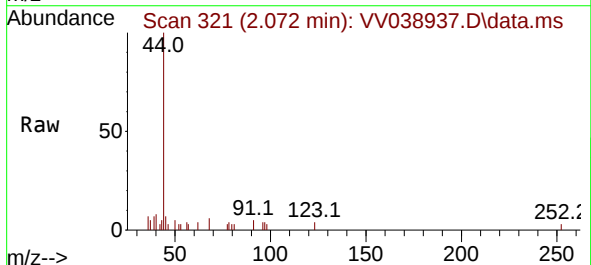
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

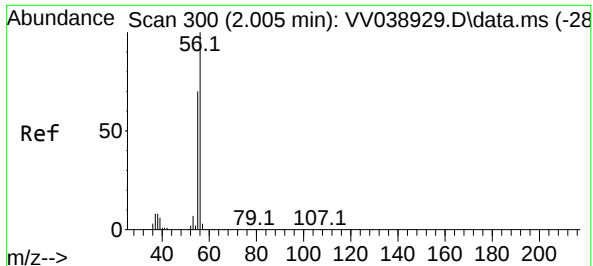
Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.015 ug/l
RT: 2.072 min Scan# 321
Delta R.T. -0.007 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 121.0 181.4#
98 77.9 49.4 74.2#





#13

Acrolein

Concen: 0.150 ug/l

RT: 2.031 min Scan# 30

Delta R.T. 0.026 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

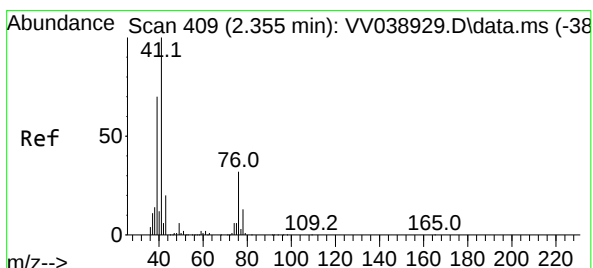
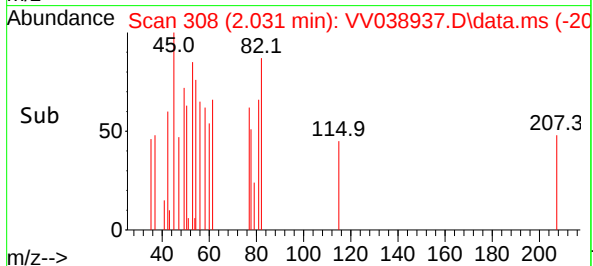
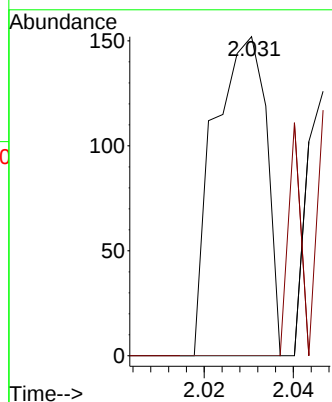
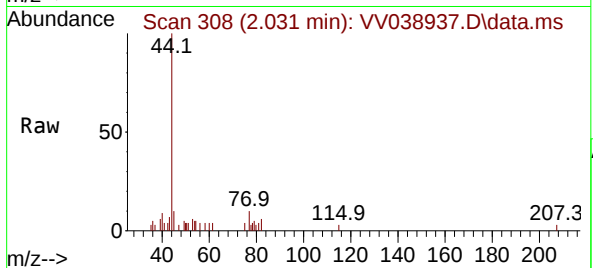
VV0811WBL01

Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#



#14

Allyl chloride

Concen: 0.021 ug/l

RT: 2.339 min Scan# 404

Delta R.T. -0.016 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

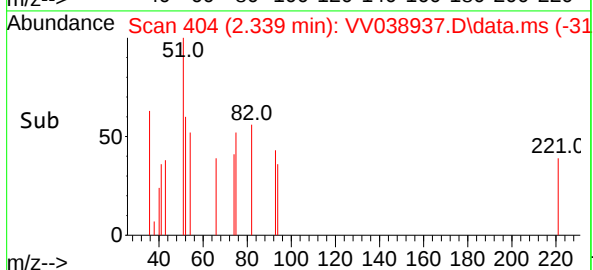
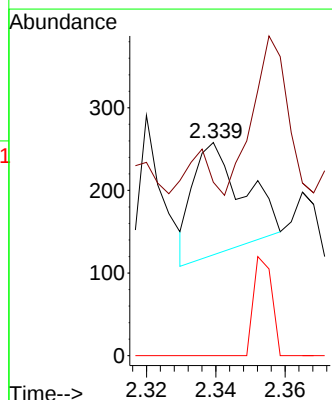
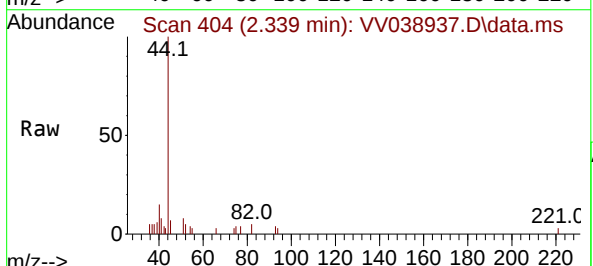
Tgt Ion: 41 Resp: 137

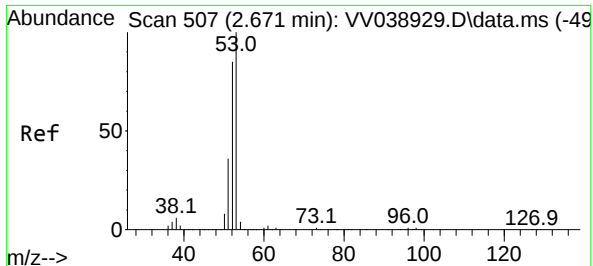
Ion Ratio Lower Upper

41 100

39 102.9 49.9 74.9#

76 31.4 29.7 44.5

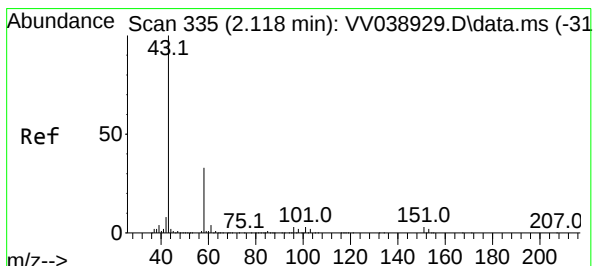
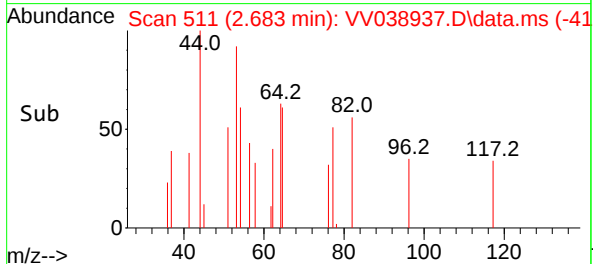
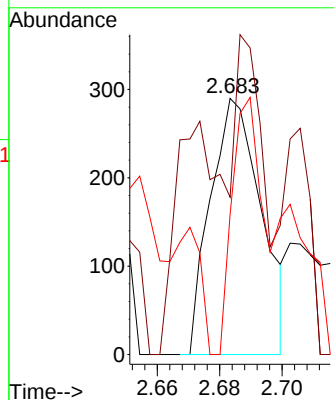
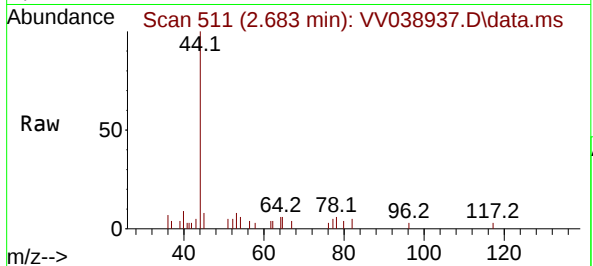




#15
Acrylonitrile
Concen: 0.116 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.013 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

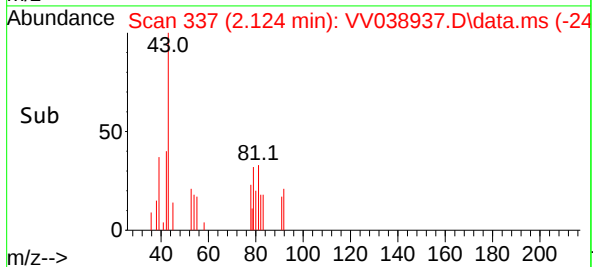
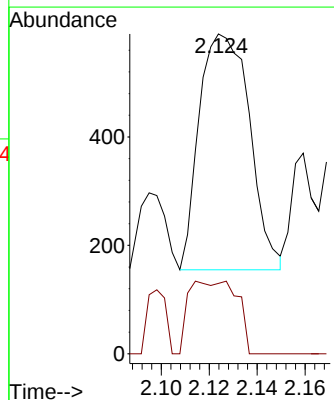
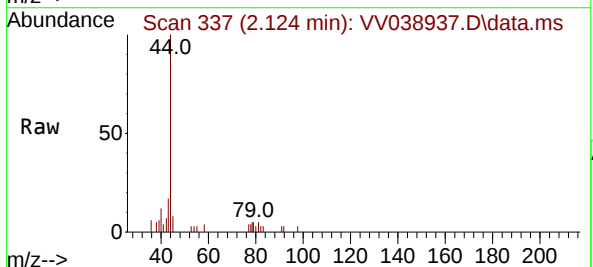
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

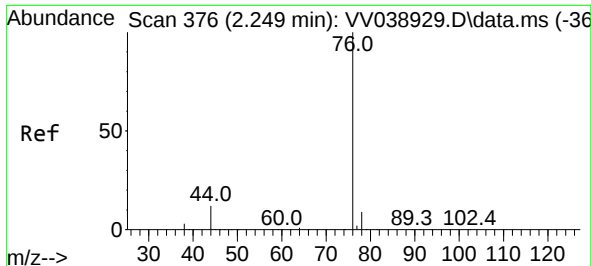
Tgt Ion: 53 Resp: 328
Ion Ratio Lower Upper
53 100
52 52.7 66.4 99.6#
51 59.8 28.6 43.0#



#16
Acetone
Concen: 0.278 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
58 29.9 26.8 40.2

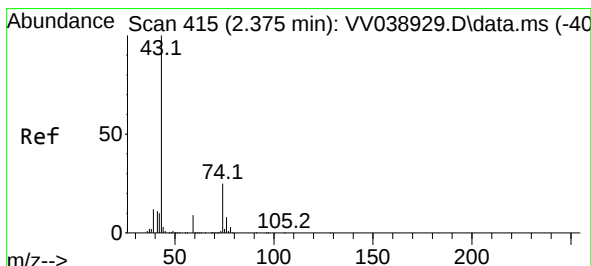
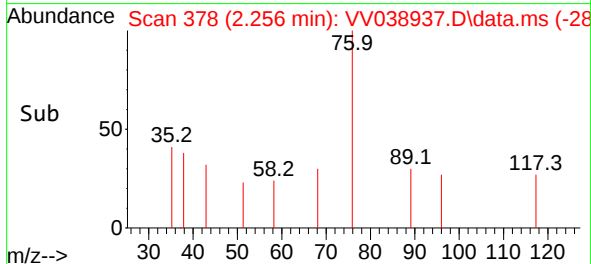
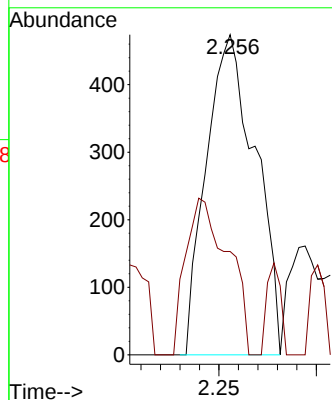
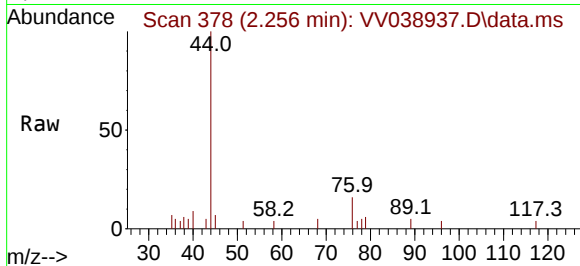




#17
Carbon Disulfide
Concen: 0.141 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

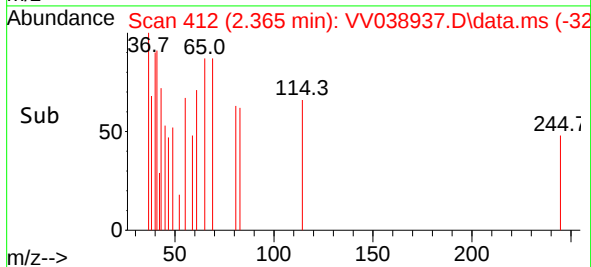
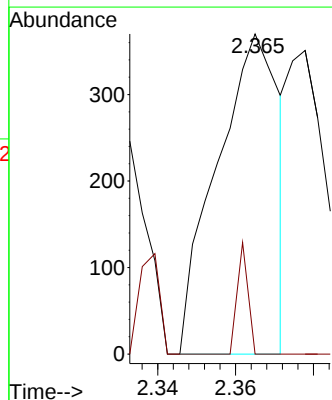
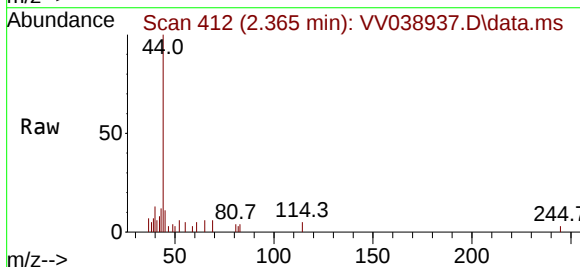
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

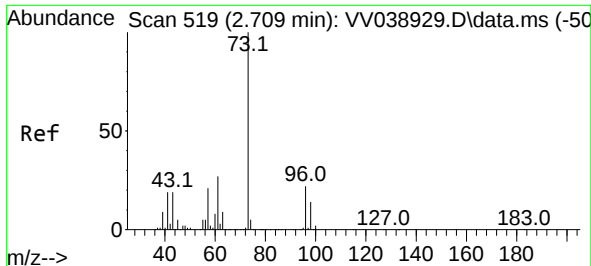
Tgt Ion: 76 Resp: 830
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2



#18
Methyl Acetate
Concen: 0.050 ug/l
RT: 2.365 min Scan# 412
Delta R.T. -0.010 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
74 6.1 20.6 30.8#





#19

Methyl tert-butyl Ether

Concen: 0.004 ug/l

RT: 2.741 min Scan# 519

Delta R.T. 0.032 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

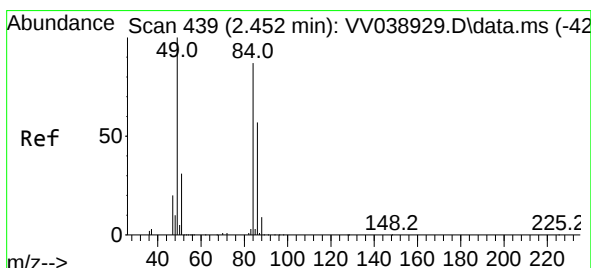
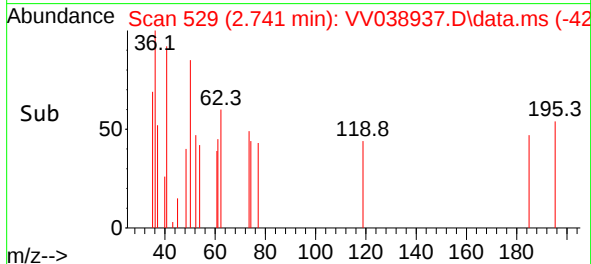
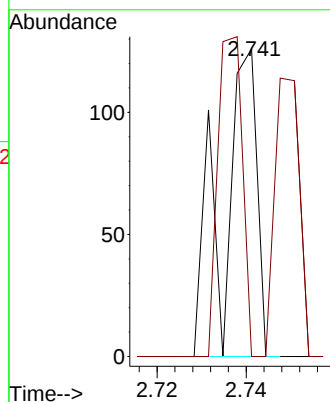
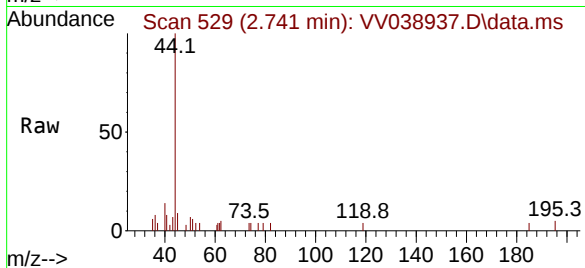
VV0811WBL01

Tgt Ion: 73 Resp: 66

Ion Ratio Lower Upper

73 100

57 0.0 17.0 25.6#



#20

Methylene Chloride

Concen: 0.102 ug/l

RT: 2.449 min Scan# 438

Delta R.T. -0.003 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Tgt Ion: 84 Resp: 535

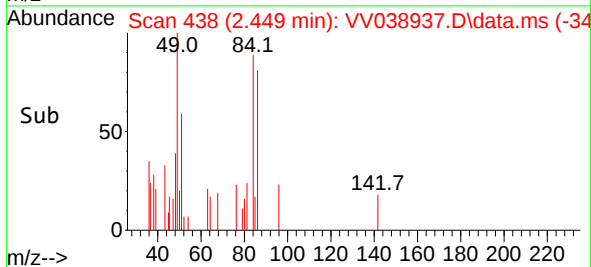
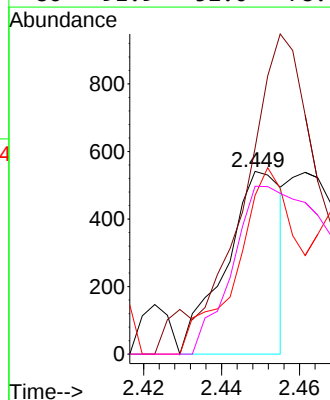
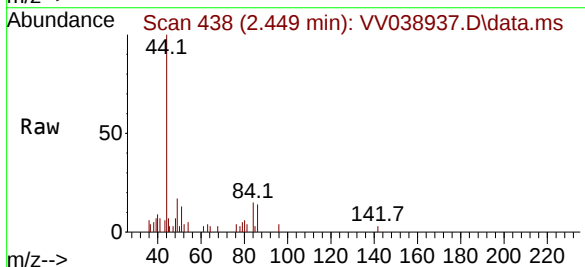
Ion Ratio Lower Upper

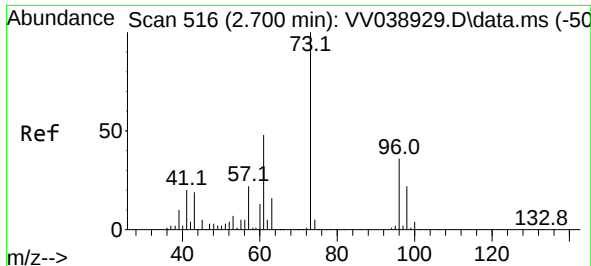
84 100

49 88.4 91.7 137.5#

51 86.9 28.3 42.5#

86 91.9 52.0 78.0#

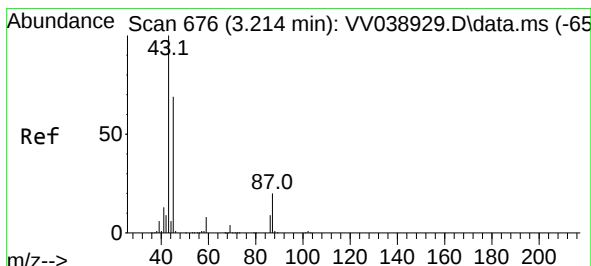
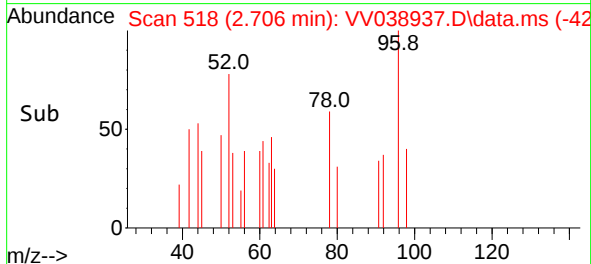
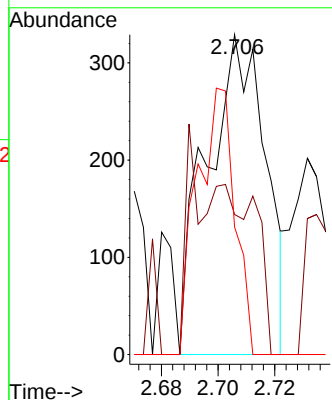
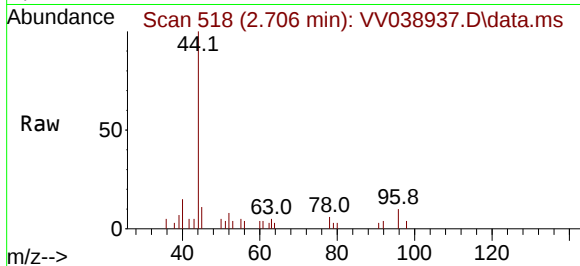




#21
trans-1,2-Dichloroethene
Concen: 0.119 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

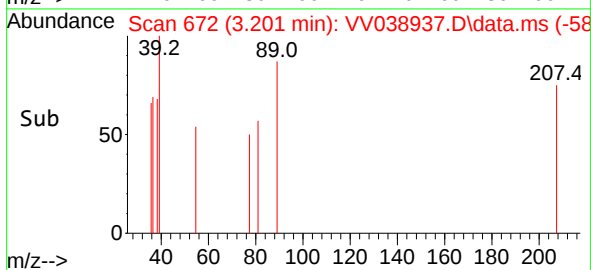
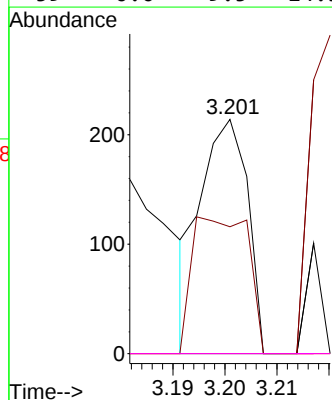
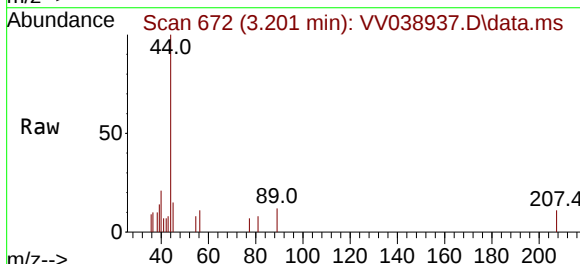
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

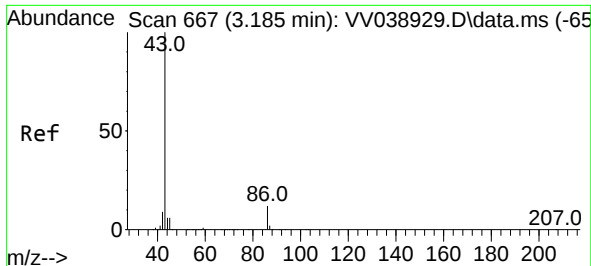
Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 43.8 106.2 159.4#
98 39.8 49.8 74.8#



#22
Diisopropyl ether
Concen: 0.010 ug/l
RT: 3.201 min Scan# 672
Delta R.T. -0.013 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 45 Resp: 134
Ion Ratio Lower Upper
45 100
43 54.2 115.3 172.9#
87 0.0 23.8 35.6#
59 0.0 9.5 14.3#

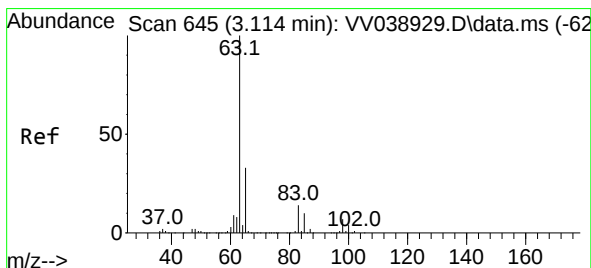
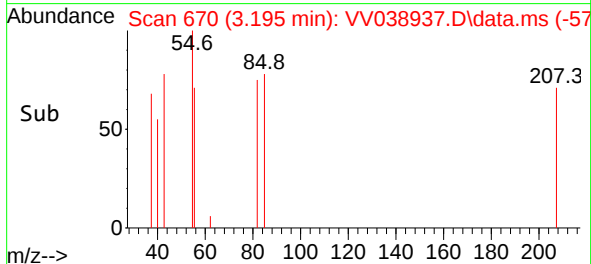
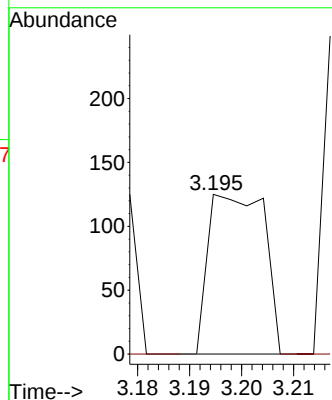
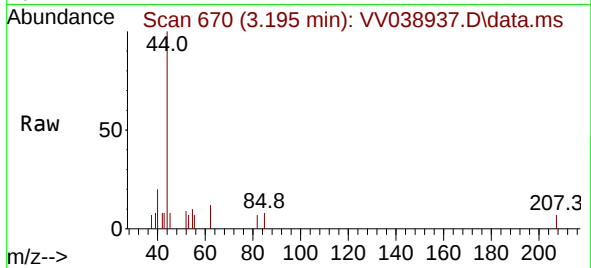




#23
 Vinyl Acetate
 Concen: 0.010 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

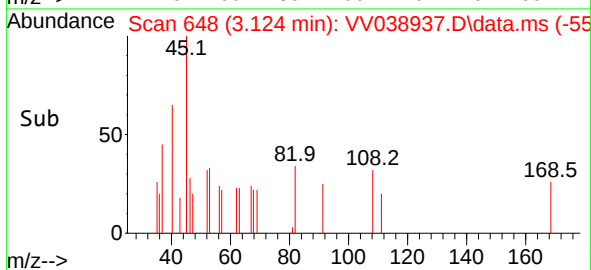
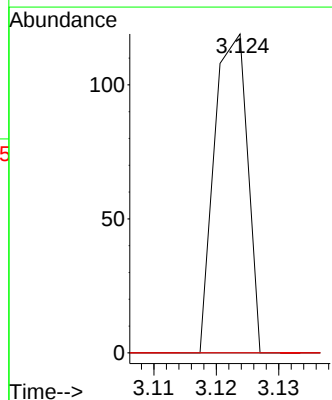
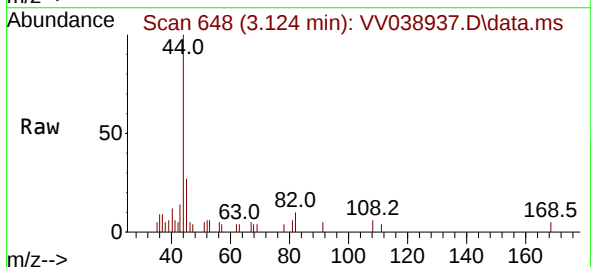
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

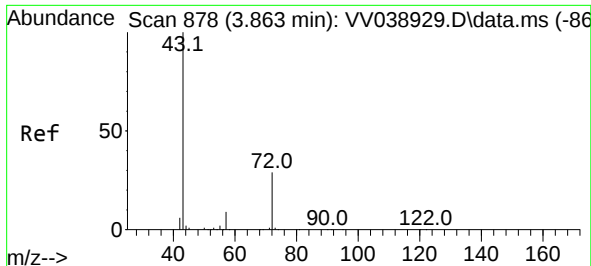
Tgt Ion: 43 Resp: 93
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.5 14.3#



#24
 1,1-Dichloroethane
 Concen: 0.005 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.010 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

Tgt Ion: 63 Resp: 44
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.2 6.6#

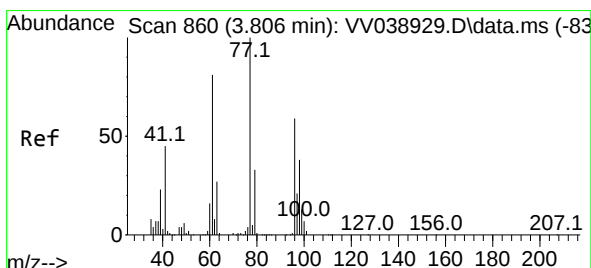
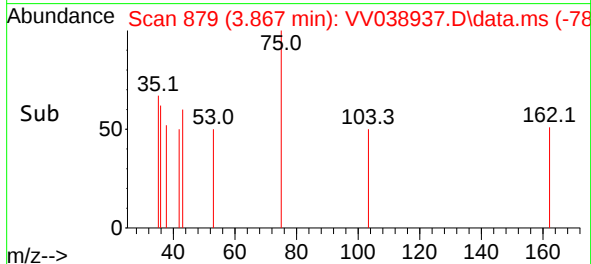
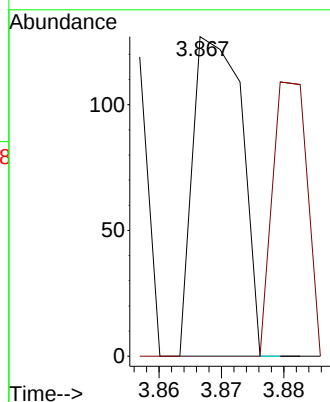
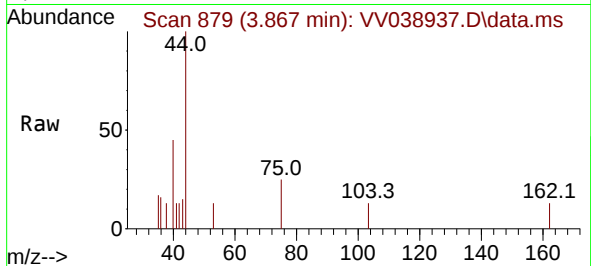




#25
2-Butanone
Concen: 0.024 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

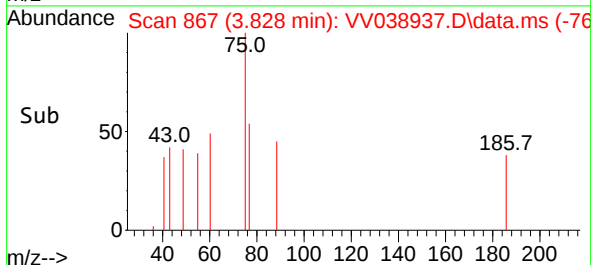
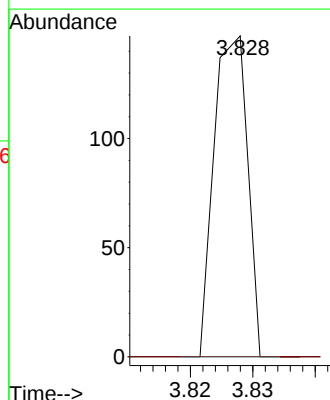
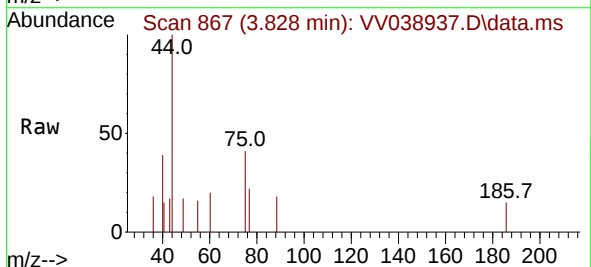
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

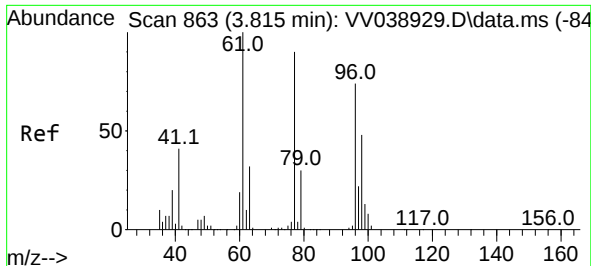
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
72 0.0 23.5 35.3#



#26
2,2-Dichloropropane
Concen: 0.007 ug/l
RT: 3.828 min Scan# 867
Delta R.T. 0.022 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.3#

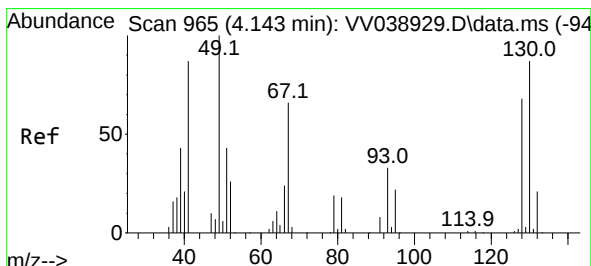
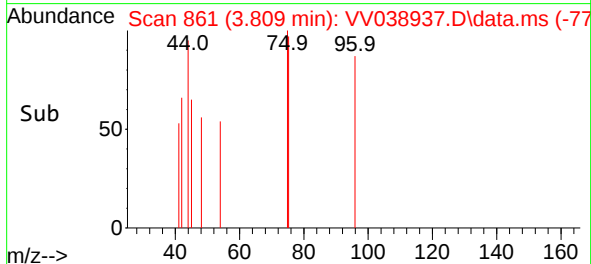
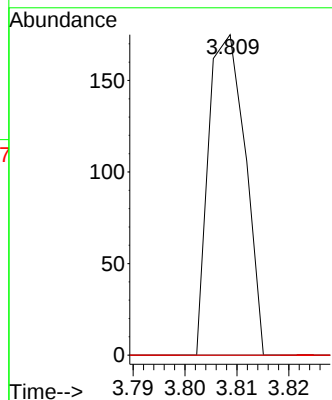
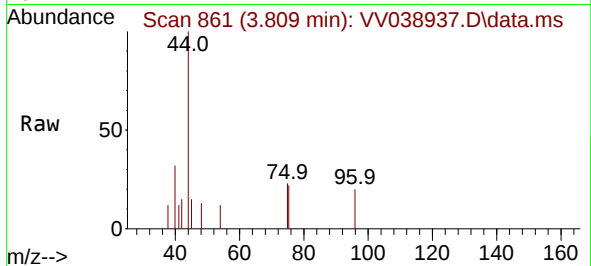




#27
 cis-1,2-Dichloroethene
 Concen: 0.018 ug/l
 RT: 3.809 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

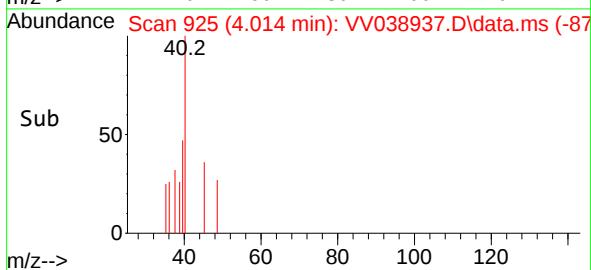
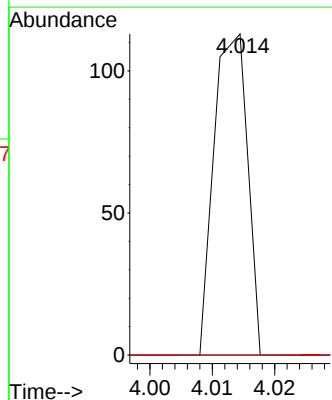
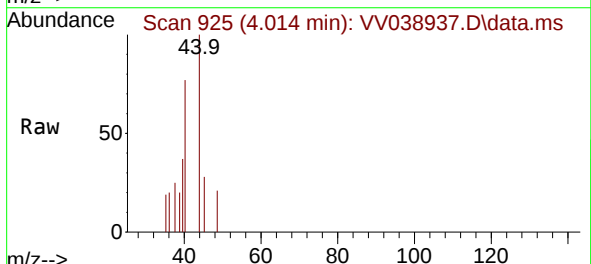
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

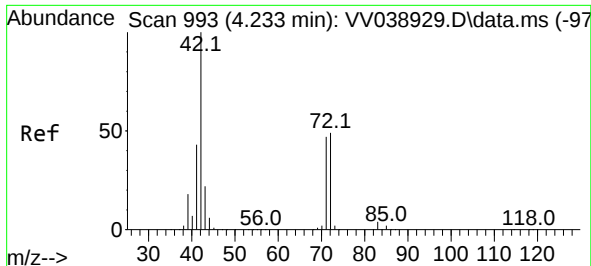
Tgt Ion: 96 Resp: 85
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 270.4
 98 0.0 0.0 128.0



#28
 Bromochloromethane
 Concen: 0.015 ug/l
 RT: 4.014 min Scan# 925
 Delta R.T. -0.129 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

Tgt Ion: 49 Resp: 42
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.4
 130 0.0 70.9 106.3#





#29

Tetrahydrofuran

Concen: 0.025 ug/l

RT: 4.220 min Scan# 91

Delta R.T. -0.013 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

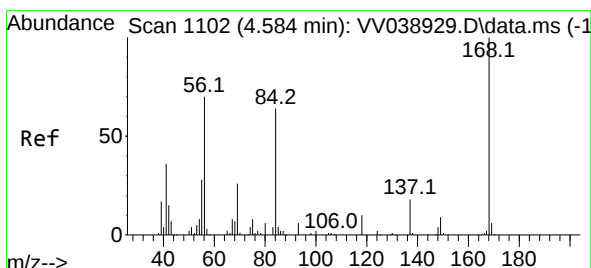
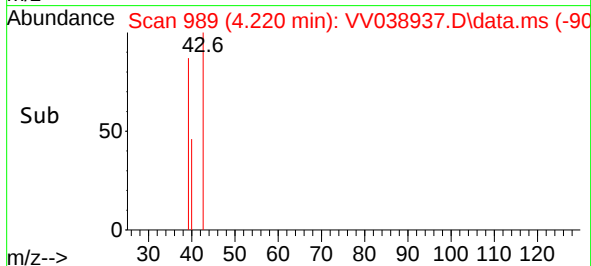
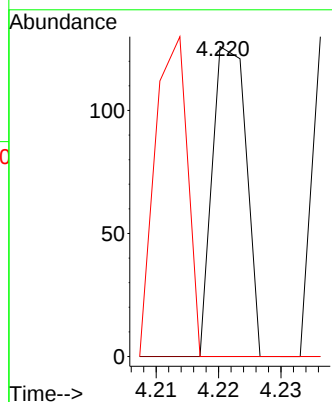
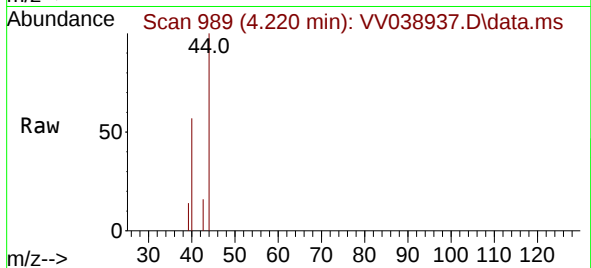
Tgt Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

72 0.0 39.9 59.9#

71 97.9 37.4 56.0#



#31

Cyclohexane

Concen: 1.633 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. 0.013 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

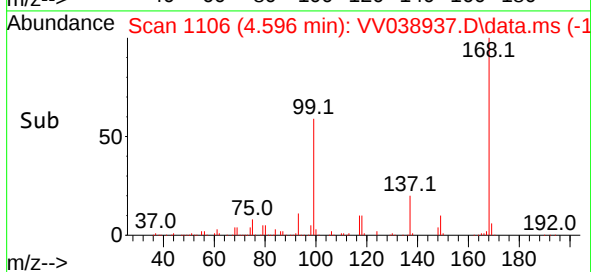
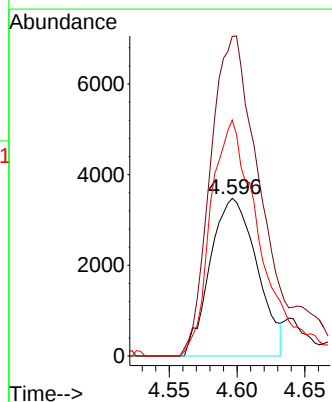
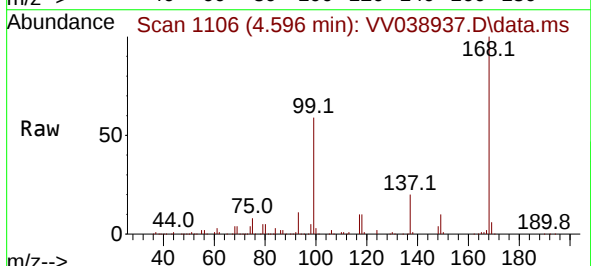
Tgt Ion: 56 Resp: 8330

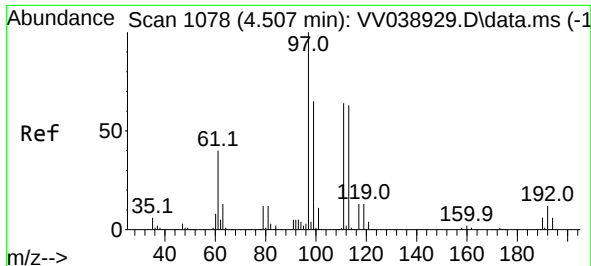
Ion Ratio Lower Upper

56 100

69 202.8 30.2 45.2#

84 149.7 73.6 110.4#





#32

1,1,1-Trichloroethane

Concen: 0.013 ug/l

RT: 4.510 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

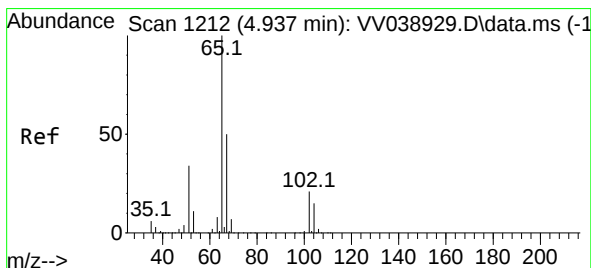
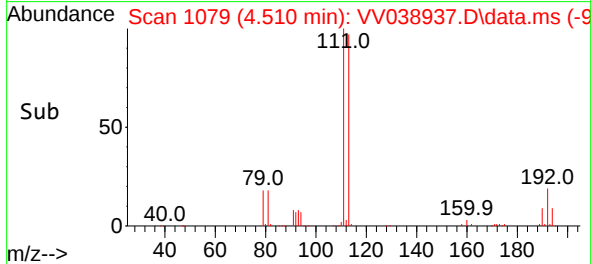
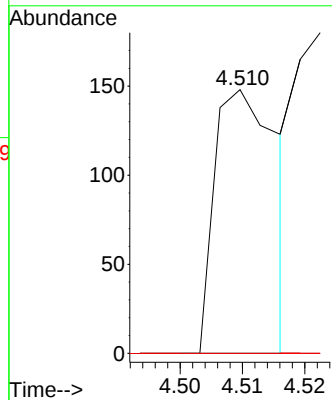
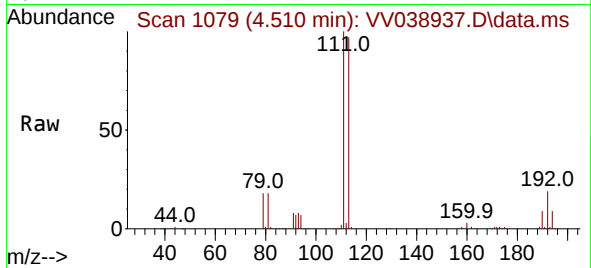
Tgt Ion: 97 Resp: 104

Ion Ratio Lower Upper

97 100

99 0.0 49.8 74.6#

61 0.0 31.8 47.8#



#33

1,2-Dichloroethane-d4

Concen: 56.765 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VV038937.D

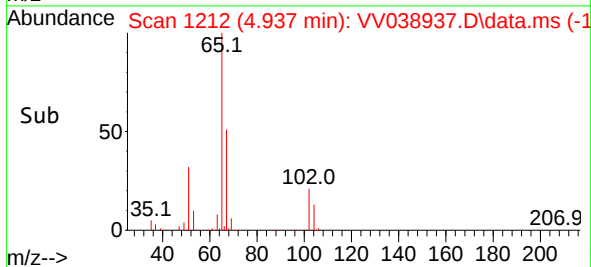
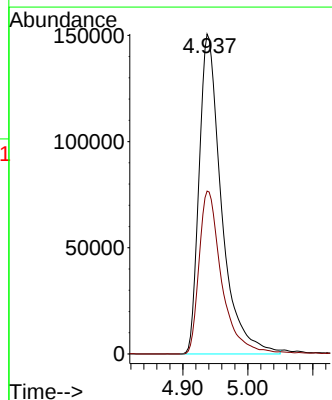
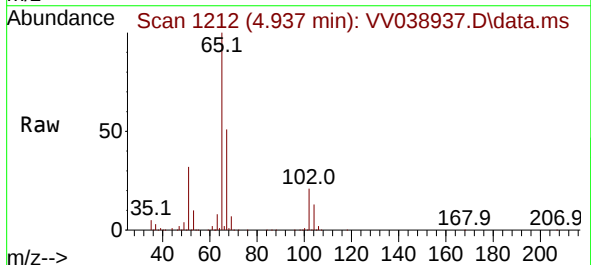
Acq: 11 Aug 2025 10:42

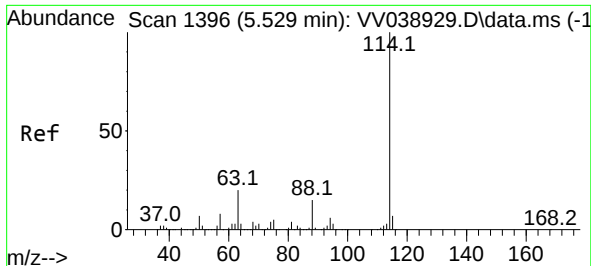
Tgt Ion: 65 Resp: 360350

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4

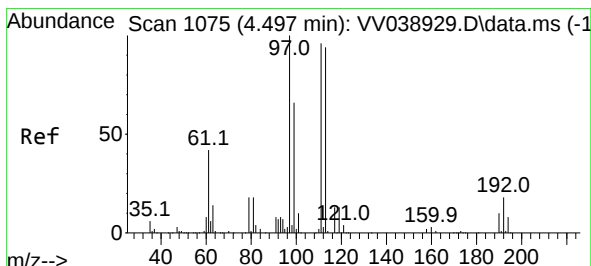
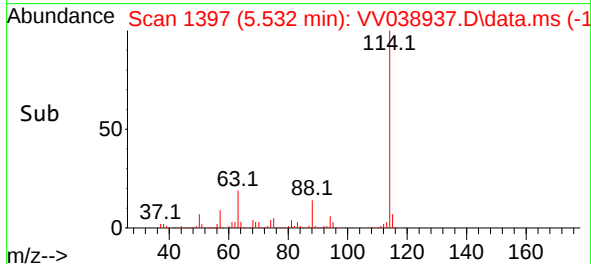
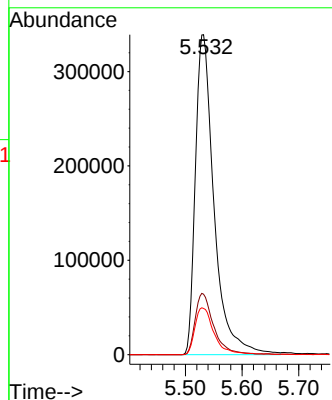
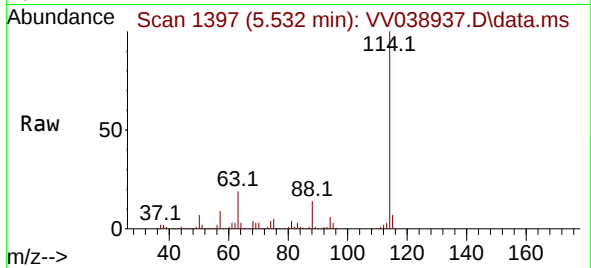




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

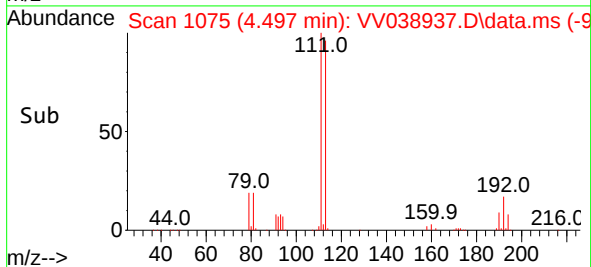
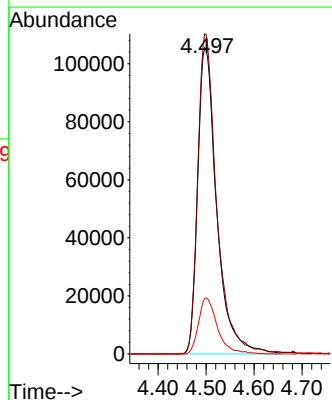
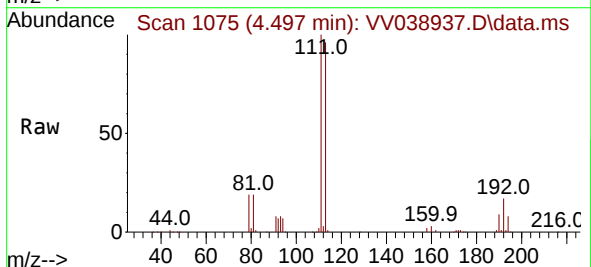
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

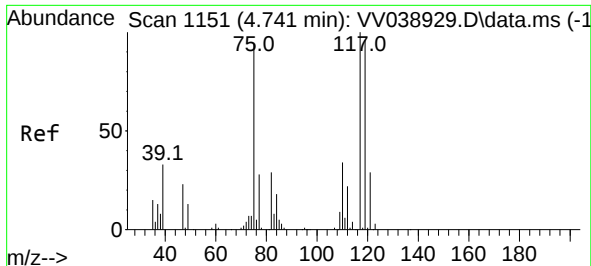
Tgt Ion:114 Resp: 774831
Ion Ratio Lower Upper
114 100
63 18.9 0.0 40.0
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:113 Resp: 291655
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.1 14.9 22.3





#36

1,1-Dichloropropene

Concen: 6.993 ug/l

RT: 4.596 min Scan# 1106

Delta R.T. -0.145 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

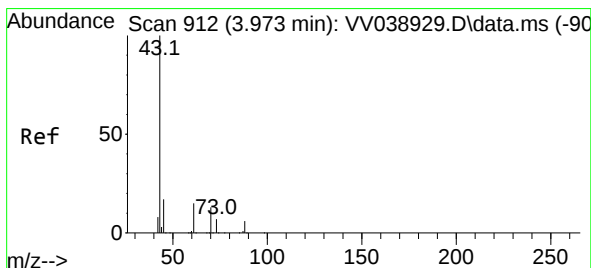
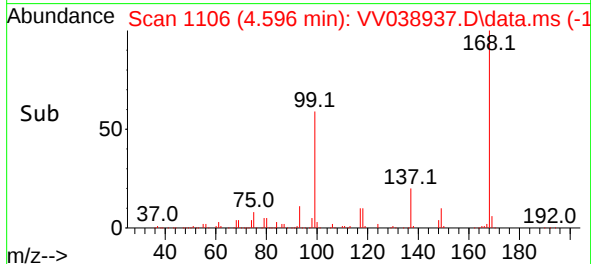
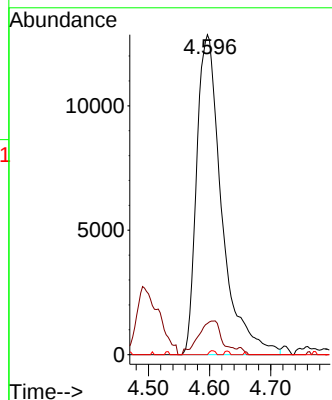
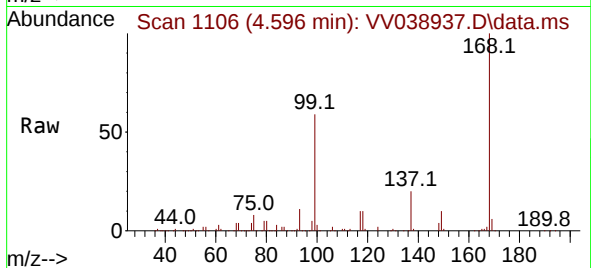
Tgt Ion: 75 Resp: 36546

Ion Ratio Lower Upper

75 100

110 10.0 19.5 58.5#

77 0.3 25.0 37.6#



#37

Ethyl Acetate

Concen: 0.007 ug/l

RT: 3.966 min Scan# 910

Delta R.T. -0.007 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

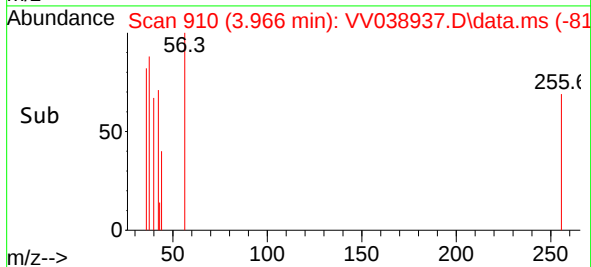
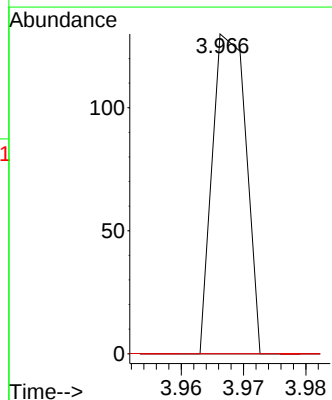
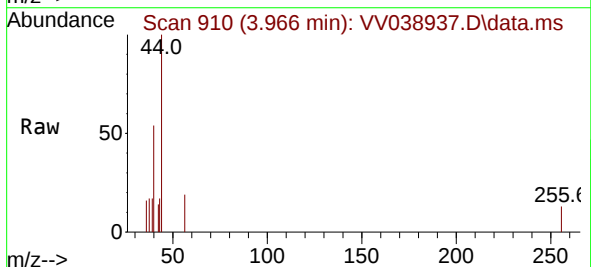
Tgt Ion: 43 Resp: 49

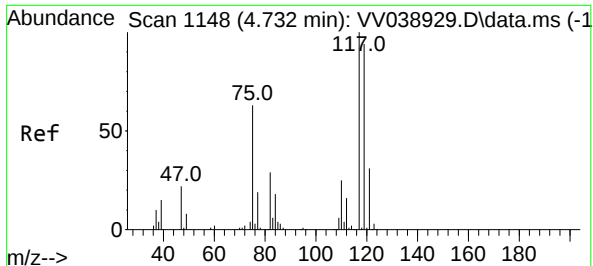
Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

70 0.0 8.6 13.0#

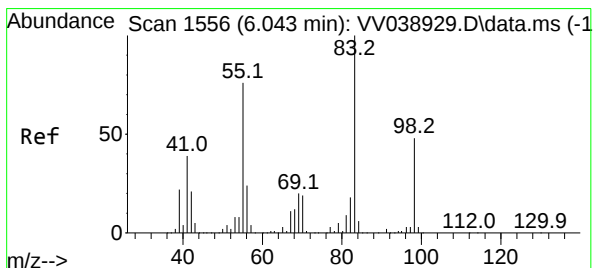
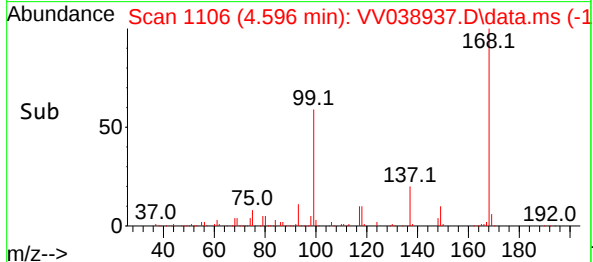
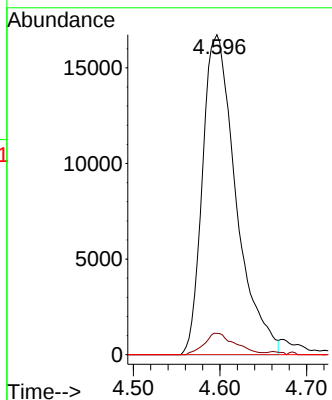
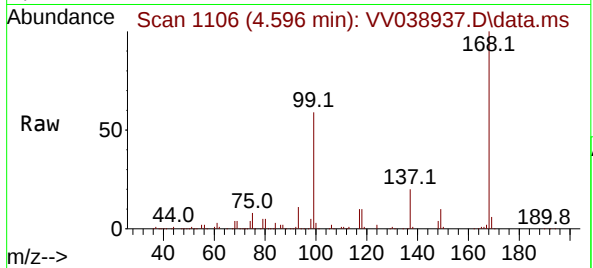




#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

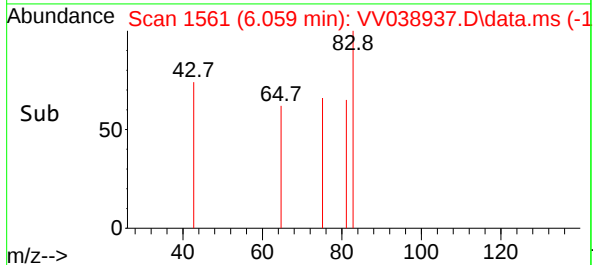
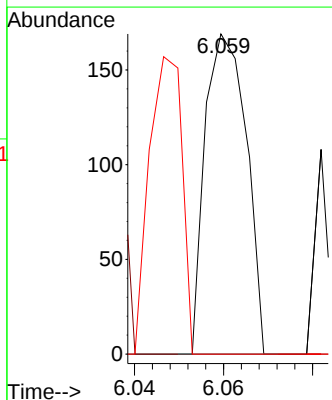
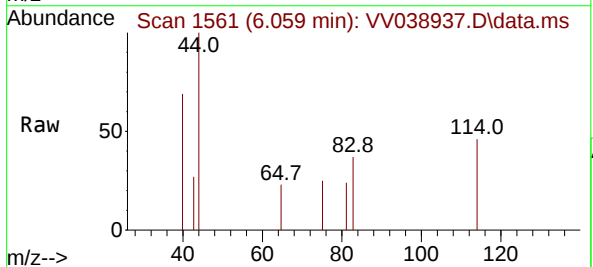
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

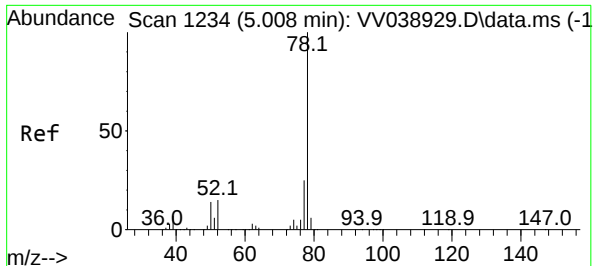
Tgt Ion:117 Resp: 44917
Ion Ratio Lower Upper
117 100
119 6.7 74.9 112.3#
121 0.0 24.6 36.8#



#39
Methylcyclohexane
Concen: 0.019 ug/l
RT: 6.059 min Scan# 1561
Delta R.T. 0.016 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 83 Resp: 108
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.0 38.6 57.8#





#40

Benzene

Concen: 0.012 ug/l

RT: 5.014 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

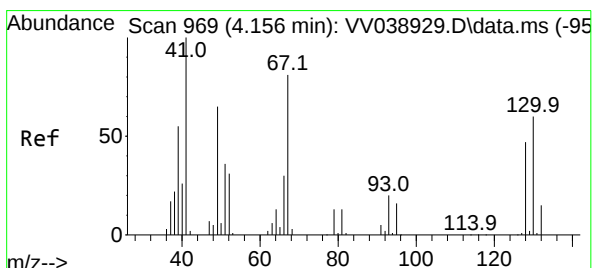
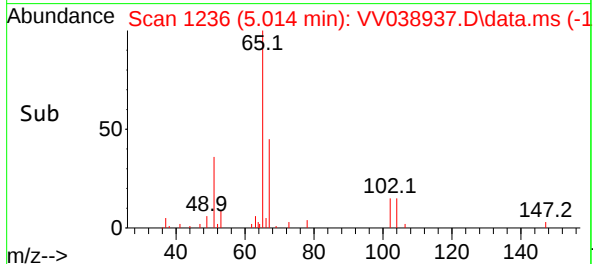
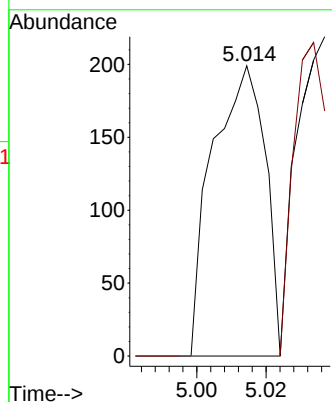
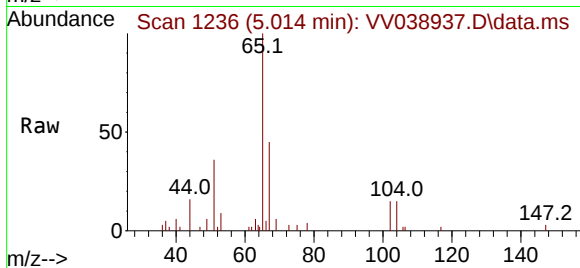
VV0811WBL01

Tgt Ion: 78 Resp: 210

Ion Ratio Lower Upper

78 100

77 0.0 19.6 29.4#



#41

Methacrylonitrile

Concen: 0.007 ug/l

RT: 4.156 min Scan# 969

Delta R.T. -0.000 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Tgt Ion: 41 Resp: 20

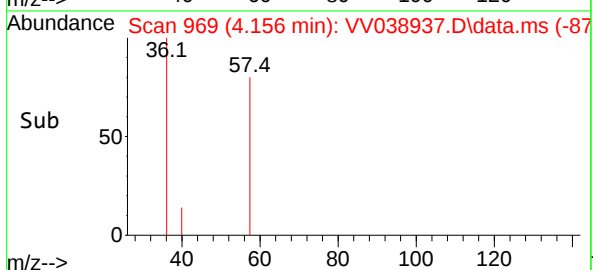
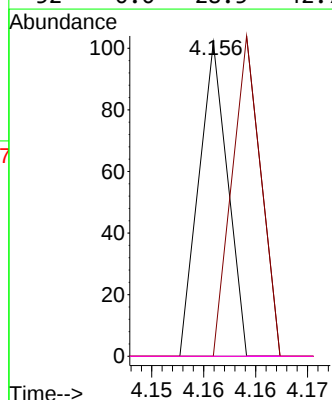
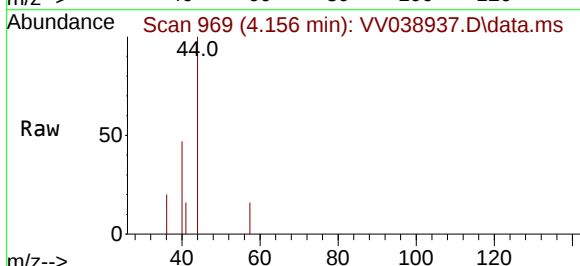
Ion Ratio Lower Upper

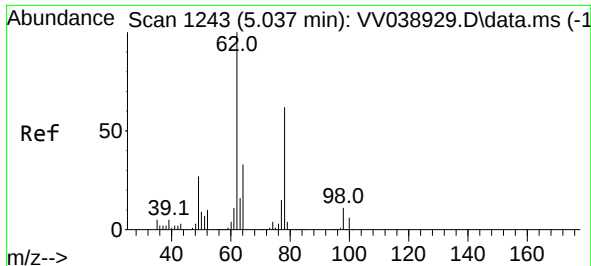
41 100

39 100.0 41.8 62.6#

67 0.0 72.6 109.0#

52 0.0 28.5 42.7#





#42

1,2-Dichloroethane

Concen: 0.011 ug/l

RT: 5.050 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

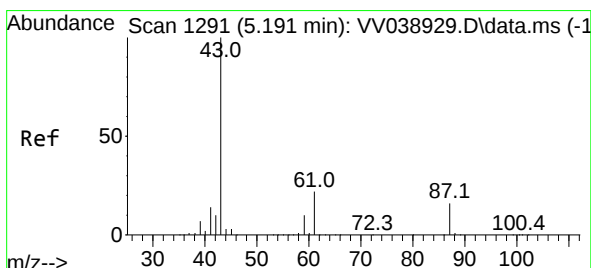
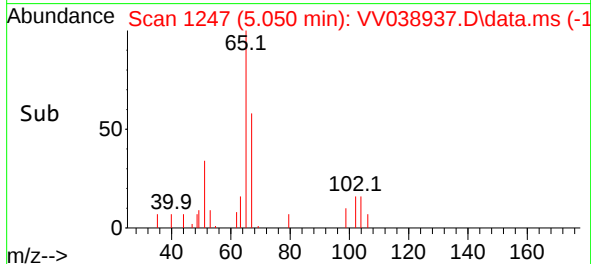
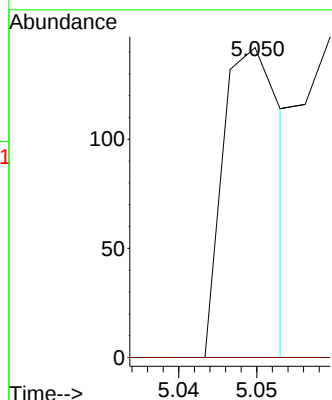
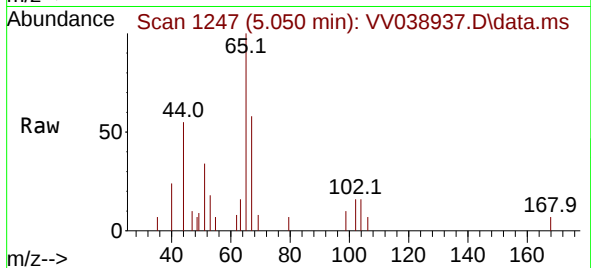
VV0811WBL01

Tgt Ion: 62 Resp: 75

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6



#43

Isopropyl Acetate

Concen: 0.005 ug/l

RT: 5.182 min Scan# 1288

Delta R.T. -0.009 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

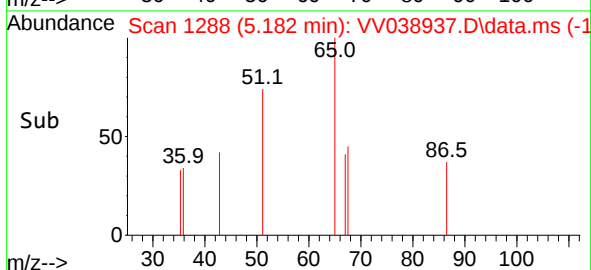
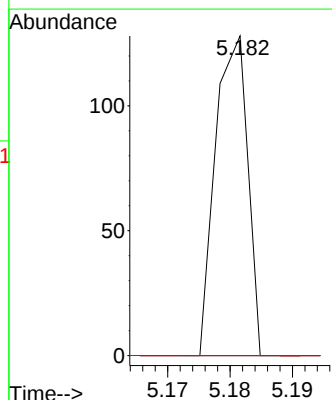
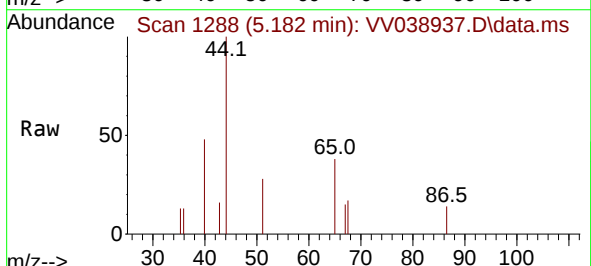
Tgt Ion: 43 Resp: 46

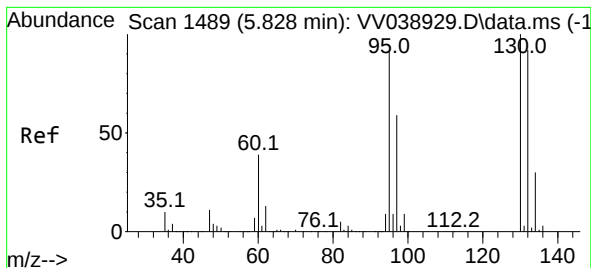
Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.6#

87 0.0 12.2 18.4#





#44

Trichloroethene

Concen: 0.012 ug/l

RT: 5.876 min Scan# 1

Delta R.T. 0.048 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

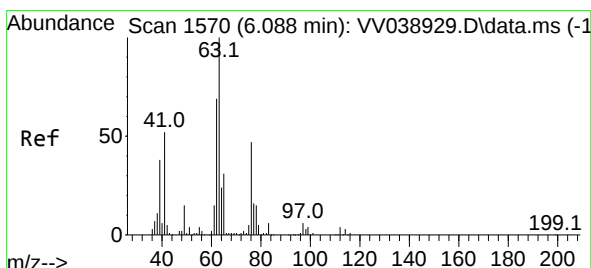
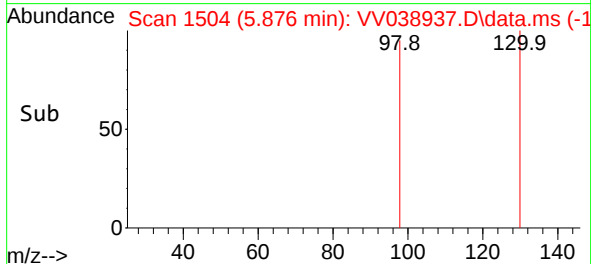
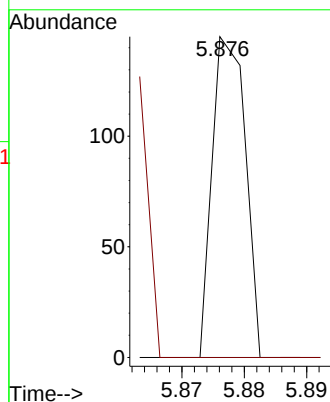
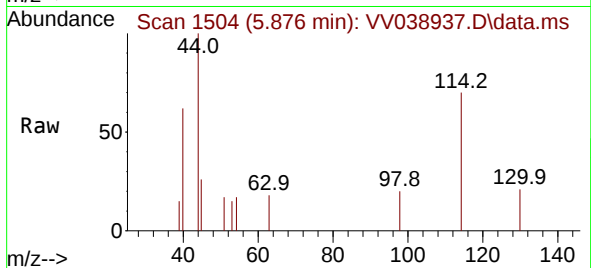
VV0811WBL01

Tgt Ion:130 Resp: 53

Ion Ratio Lower Upper

130 100

95 0.0 0.0 181.2



#45

1,2-Dichloropropane

Concen: 0.004 ug/l

RT: 6.072 min Scan# 1565

Delta R.T. -0.016 min

Lab File: VV038937.D

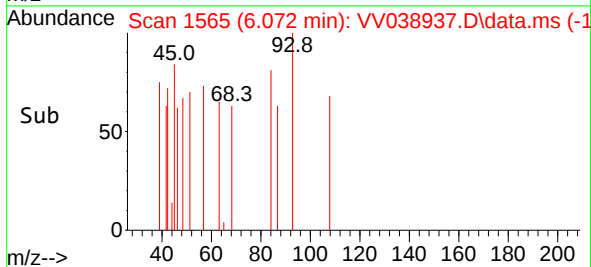
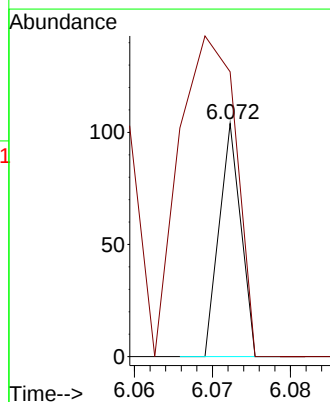
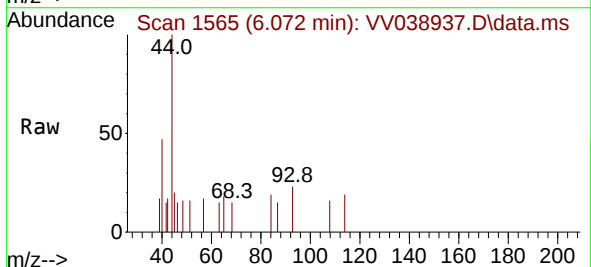
Acq: 11 Aug 2025 10:42

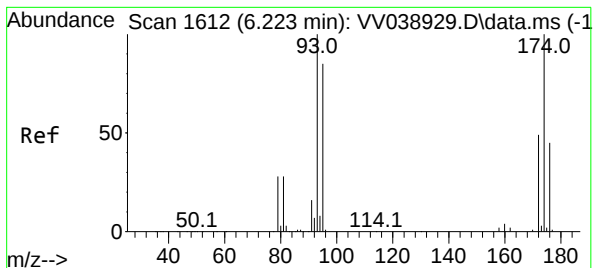
Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

63 100

65 122.1 25.0 37.6#





#46

Dibromomethane

Concen: 0.013 ug/l

RT: 6.233 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

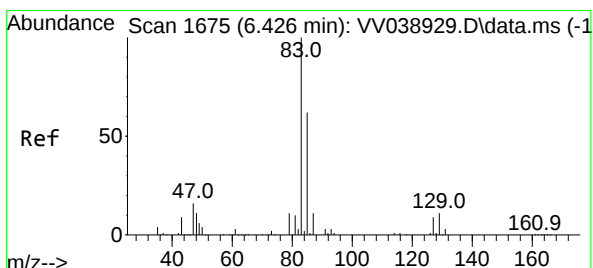
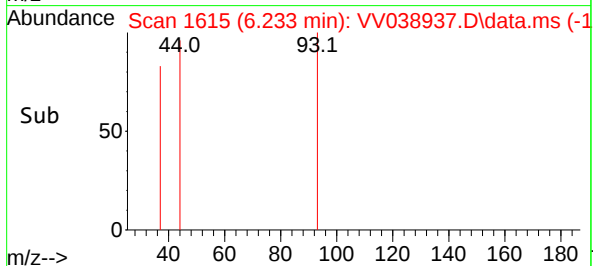
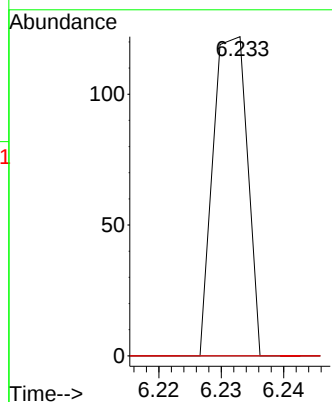
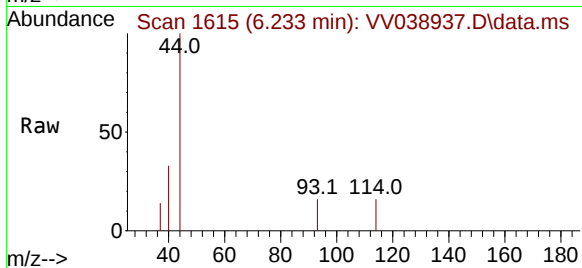
Tgt Ion: 93 Resp: 46

Ion Ratio Lower Upper

93 100

95 0.0 67.8 101.6#

174 0.0 77.4 116.0#



#47

Bromodichloromethane

Concen: 0.006 ug/l

RT: 6.416 min Scan# 1672

Delta R.T. -0.010 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

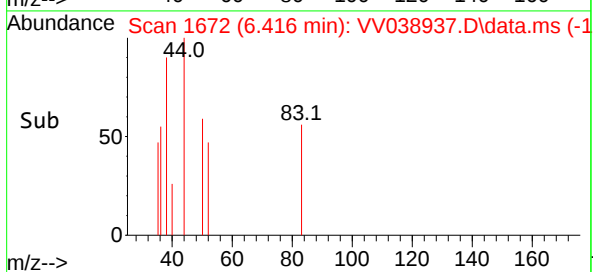
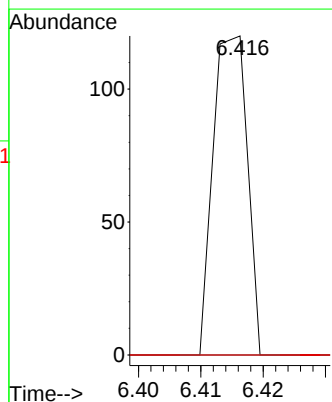
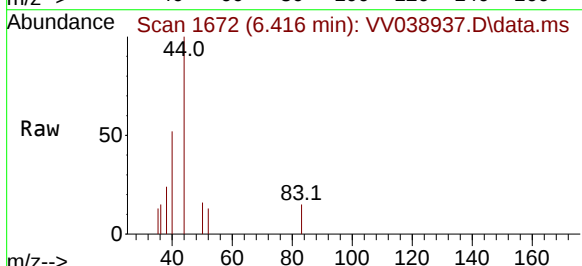
Tgt Ion: 83 Resp: 46

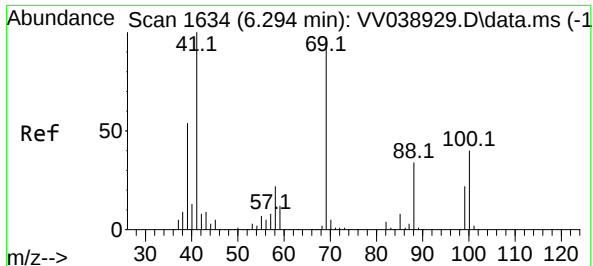
Ion Ratio Lower Upper

83 100

85 0.0 49.8 74.6#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.047 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

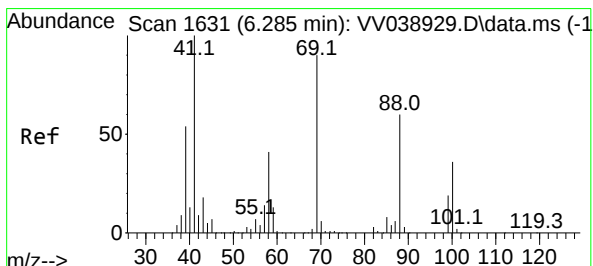
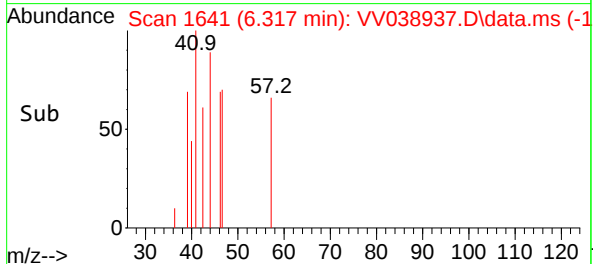
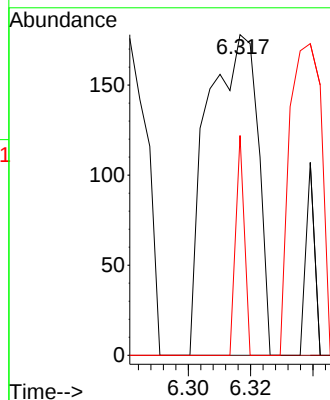
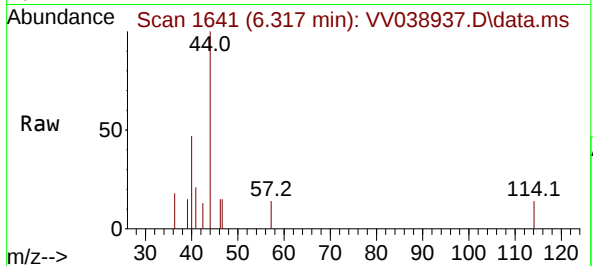
Tgt Ion: 41 Resp: 200

Ion Ratio Lower Upper

41 100

69 0.0 78.4 117.6#

39 12.0 43.3 64.9#



#49

1,4-Dioxane

Concen: 0.800 ug/l

RT: 6.265 min Scan# 1625

Delta R.T. -0.019 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

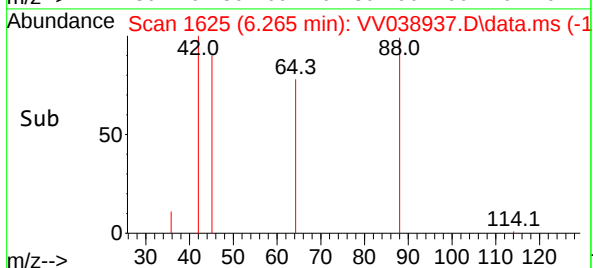
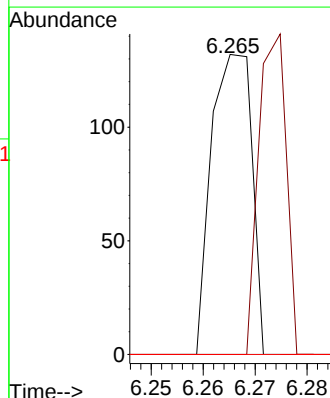
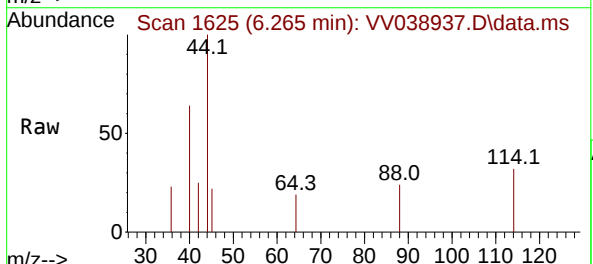
Tgt Ion: 88 Resp: 71

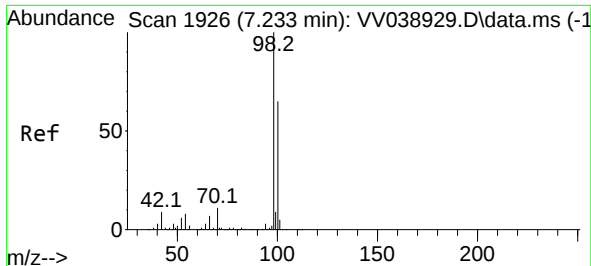
Ion Ratio Lower Upper

88 100

43 73.2 24.2 36.2#

58 0.0 55.4 83.2#

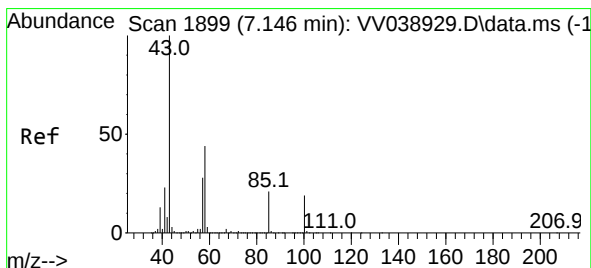
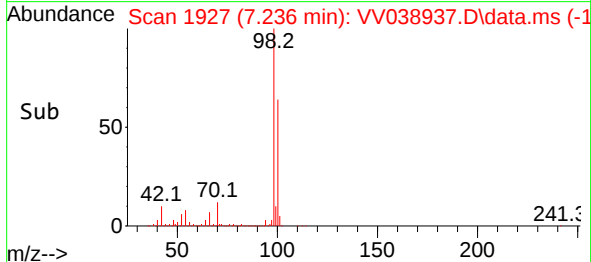
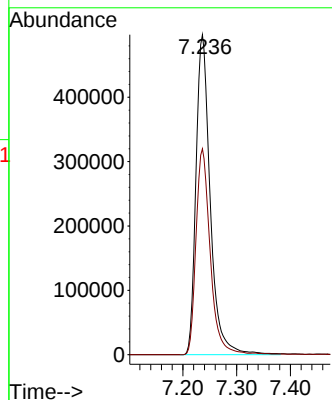
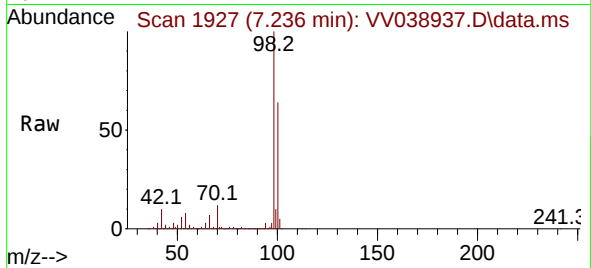




#50
Toluene-d8
Concen: 44.967 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

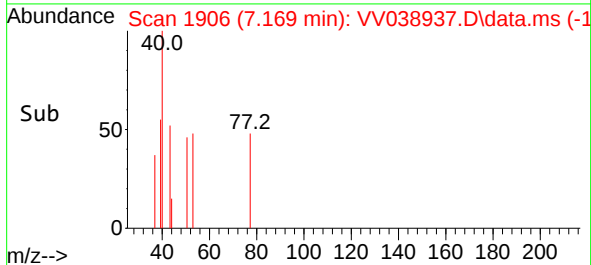
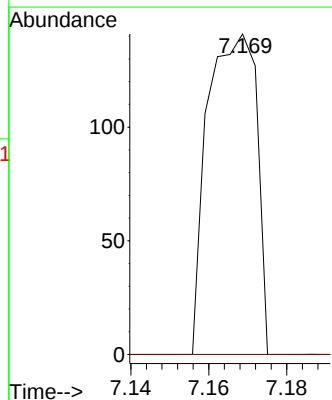
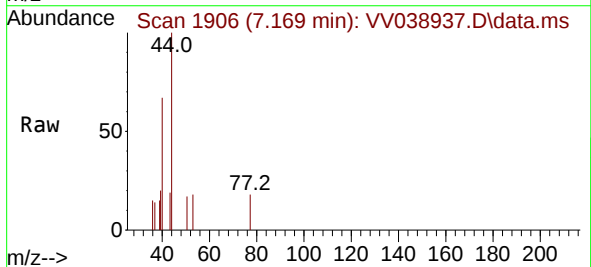
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

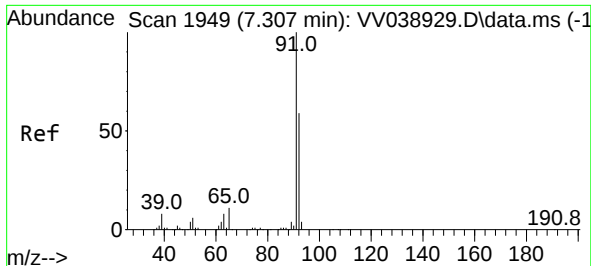
Tgt Ion: 98 Resp: 915451
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.018 ug/l
RT: 7.169 min Scan# 1906
Delta R.T. 0.022 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 34.2 51.2#

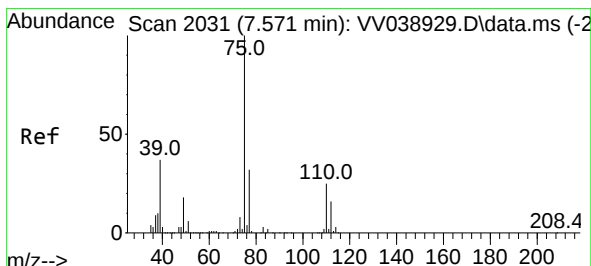
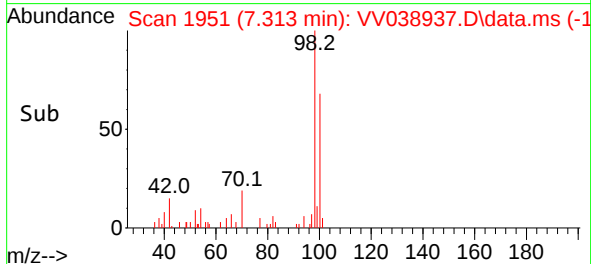
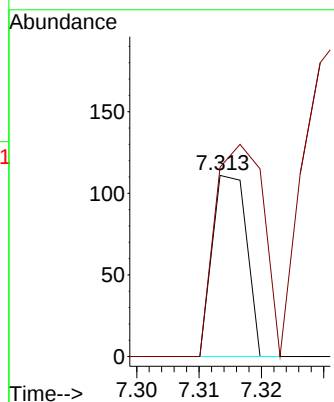
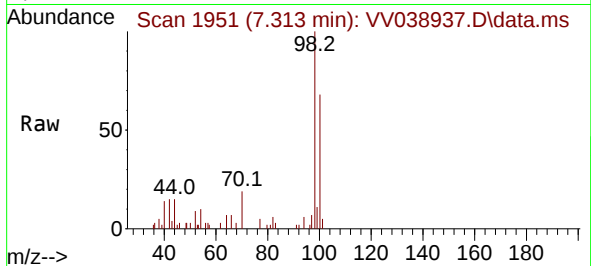




#52
Toluene
Concen: 0.004 ug/l
RT: 7.313 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

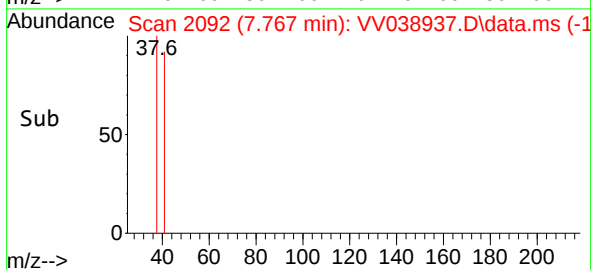
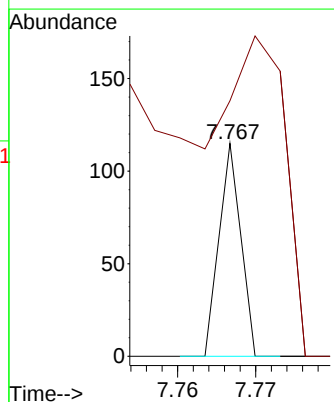
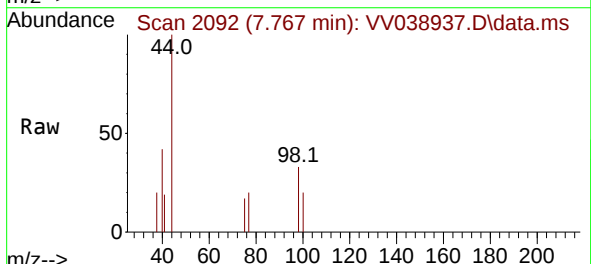
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

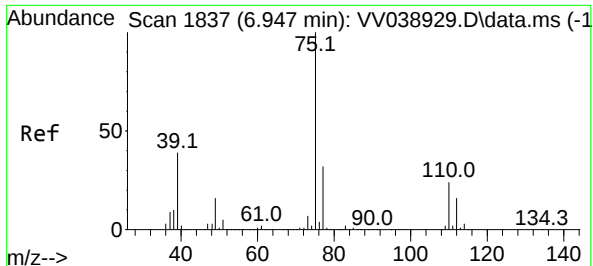
Tgt Ion: 92 Resp: 42
Ion Ratio Lower Upper
92 100
91 166.7 136.8 205.2



#53
t-1,3-Dichloropropene
Concen: 0.003 ug/l
RT: 7.767 min Scan# 2092
Delta R.T. 0.196 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 17.4 25.3 37.9#

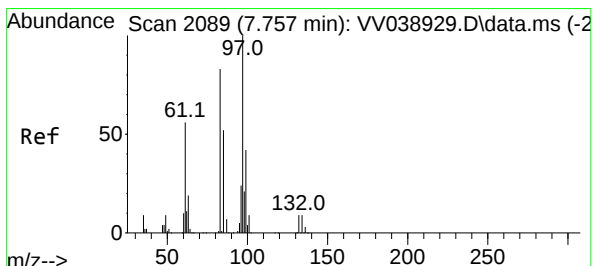
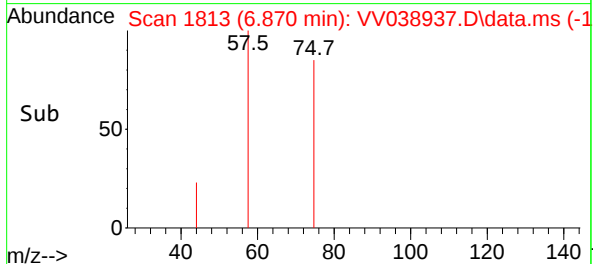
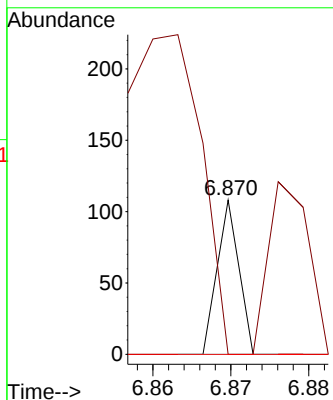
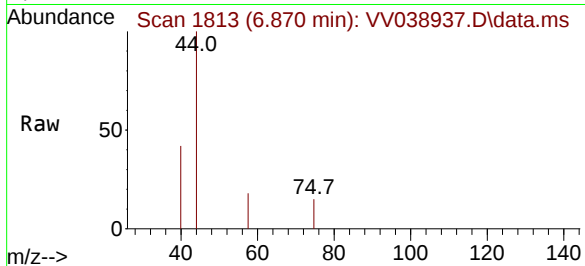




#54
 cis-1,3-Dichloropropene
 Concen: 0.003 ug/l
 RT: 6.870 min Scan# 11
 Delta R.T. -0.077 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

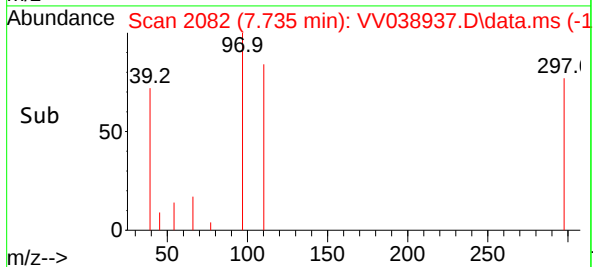
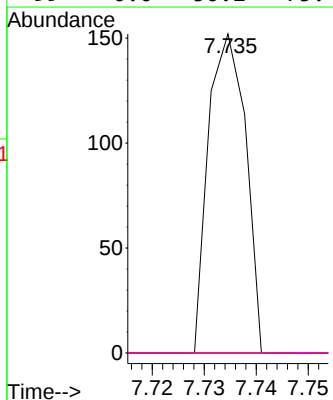
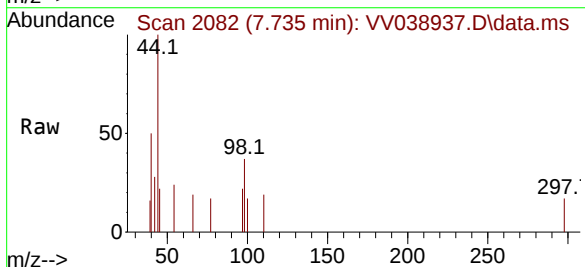
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

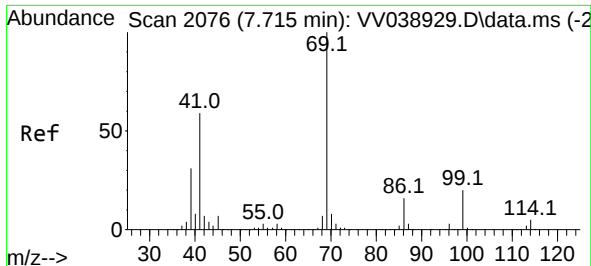
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 0.0 31.6 47.4#



#55
 1,1,2-Trichloroethane
 Concen: 0.014 ug/l
 RT: 7.735 min Scan# 2082
 Delta R.T. -0.023 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

Tgt Ion: 97 Resp: 75
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.2 99.4#
 85 0.0 42.9 64.3#
 99 0.0 50.2 75.4#

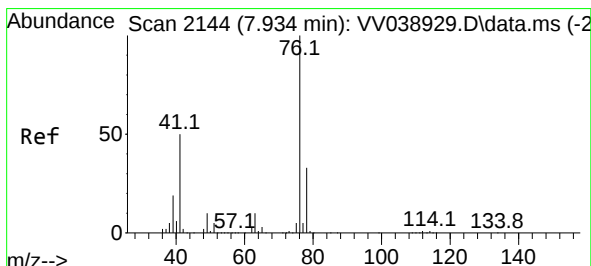
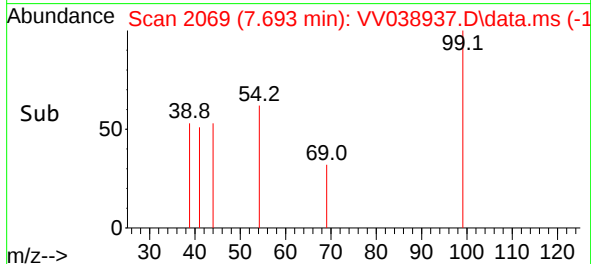
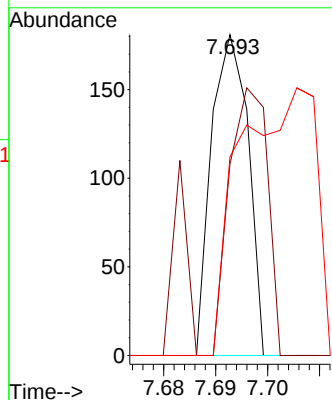
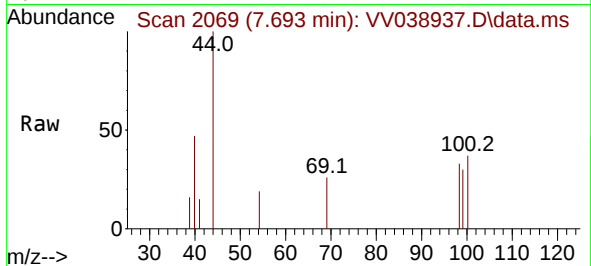




#56
Ethyl methacrylate
Concen: 0.014 ug/l
RT: 7.693 min Scan# 2076
Delta R.T. -0.022 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

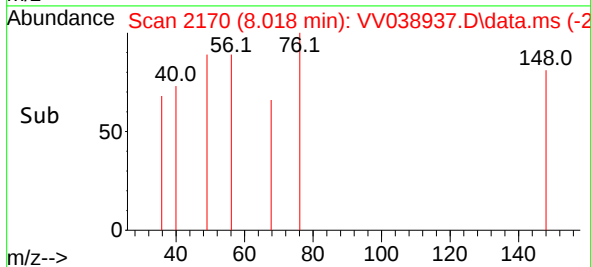
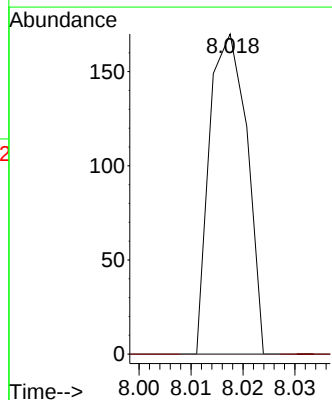
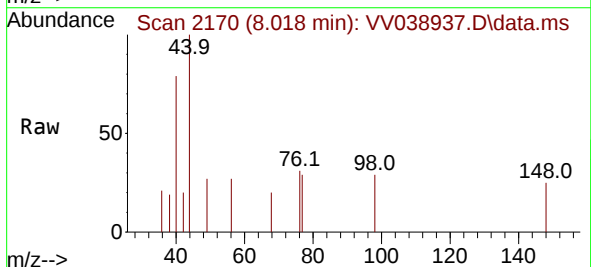
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

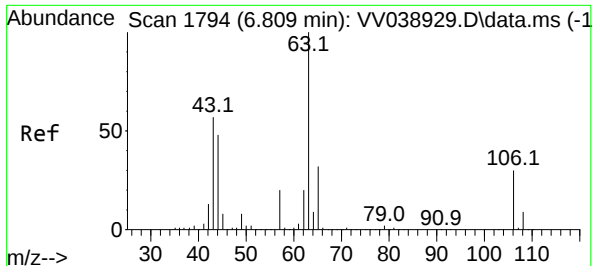
Tgt Ion: 69 Resp: 89
Ion Ratio Lower Upper
69 100
41 86.5 45.8 68.8#
39 170.8 23.4 35.0#



#57
1,3-Dichloropropane
Concen: 0.010 ug/l
RT: 8.018 min Scan# 2170
Delta R.T. 0.083 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 76 Resp: 85
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

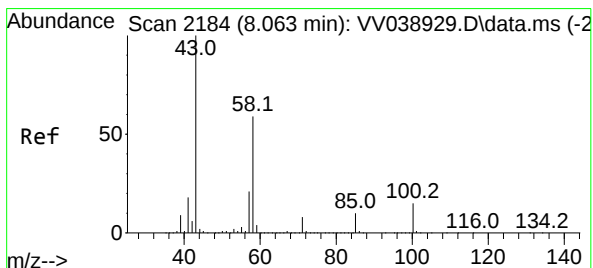
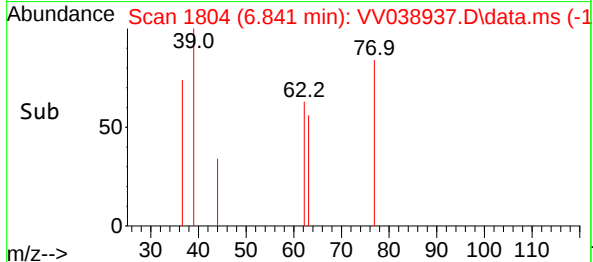
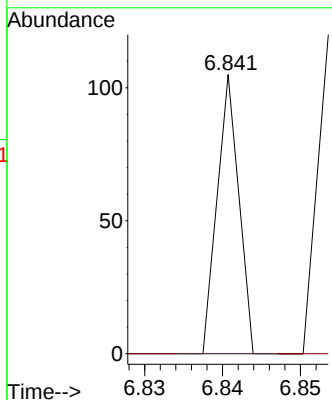
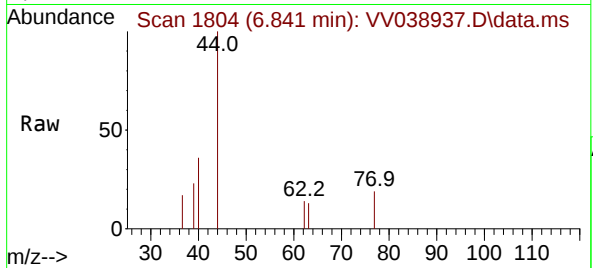




#58
2-Chloroethyl Vinyl ether
Concen: 0.006 ug/l
RT: 6.841 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

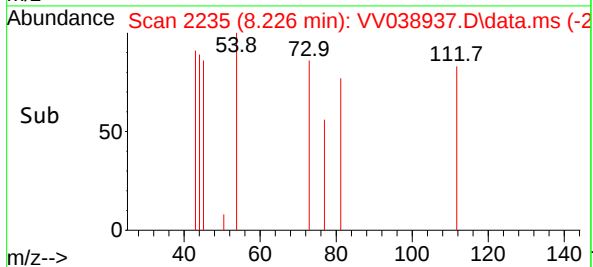
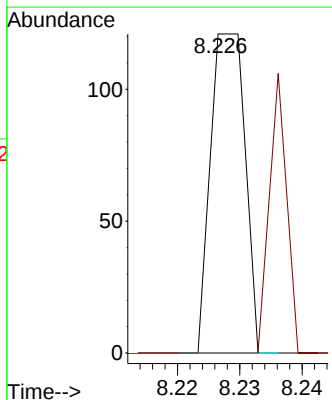
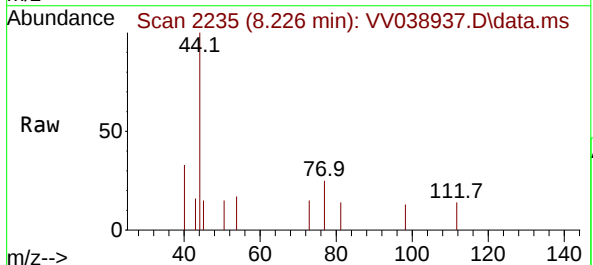
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

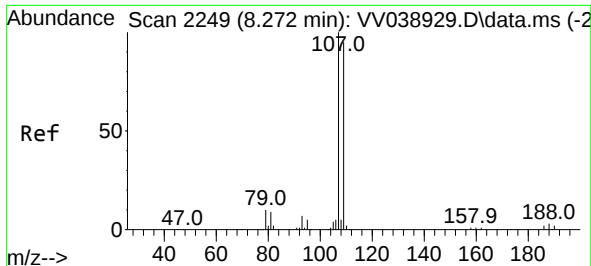
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 24.1 36.1#



#59
2-Hexanone
Concen: 0.010 ug/l
RT: 8.226 min Scan# 2235
Delta R.T. 0.164 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
58 42.6 29.3 87.8

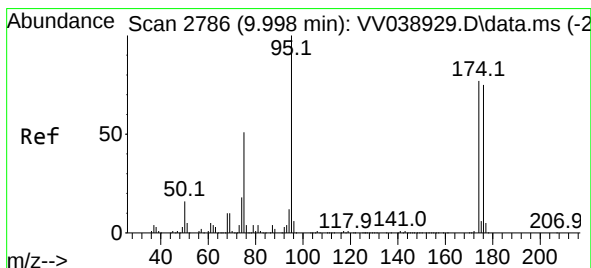
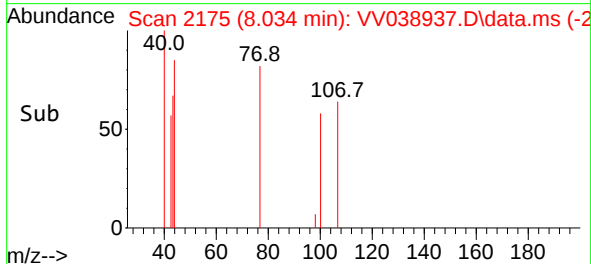
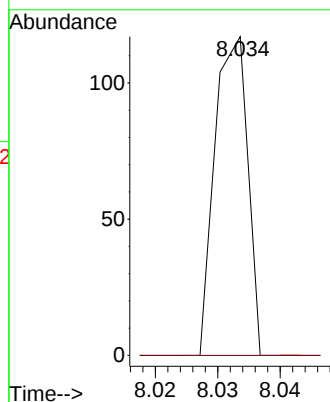
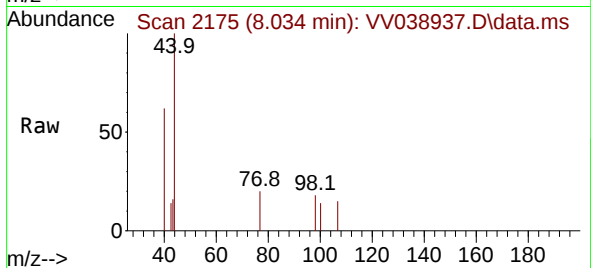




#61
1,2-Dibromoethane
Concen: 0.008 ug/l
RT: 8.034 min Scan# 2175
Delta R.T. -0.238 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

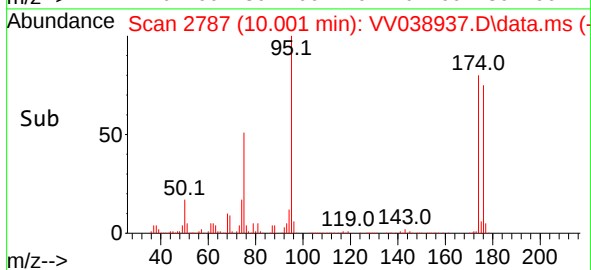
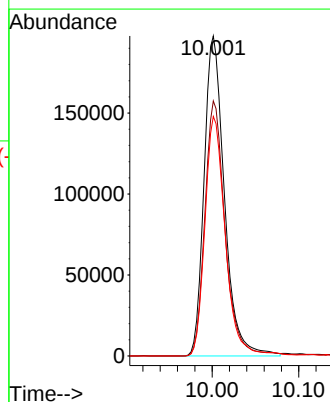
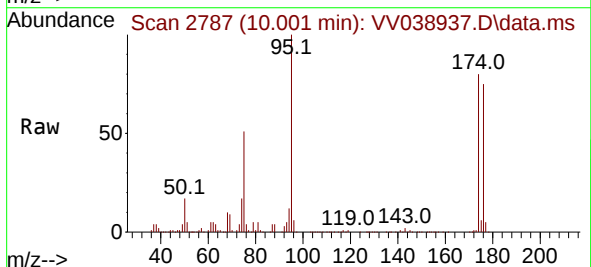
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

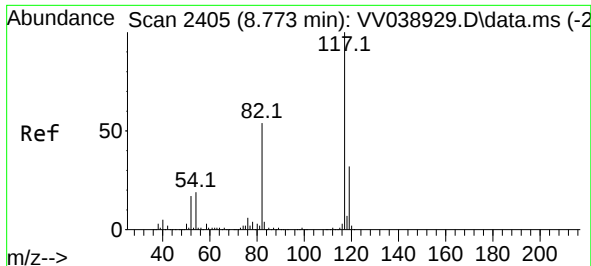
Tgt Ion:107 Resp: 43
Ion Ratio Lower Upper
107 100
109 0.0 76.2 114.2#



#62
4-Bromofluorobenzene
Concen: 43.944 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 95 Resp: 322195
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 75.2 0.0 153.0

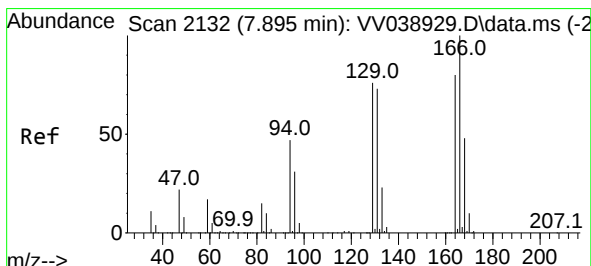
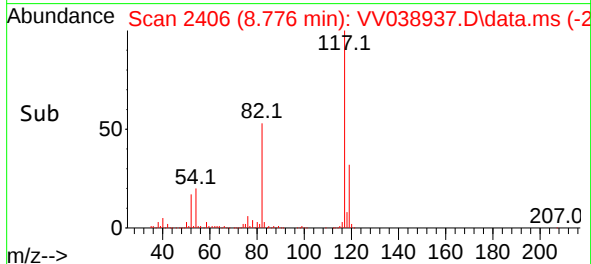
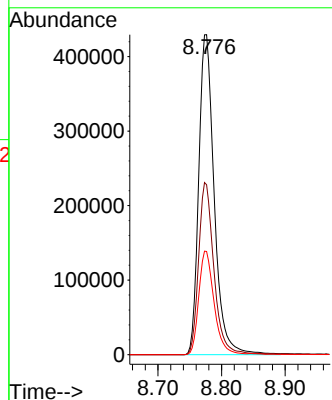
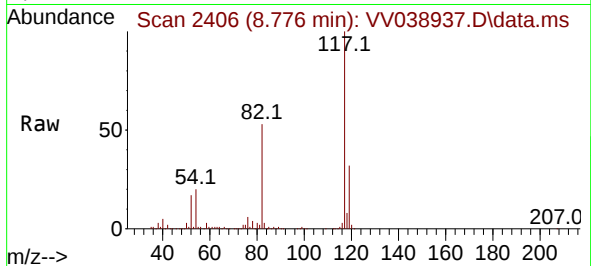




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

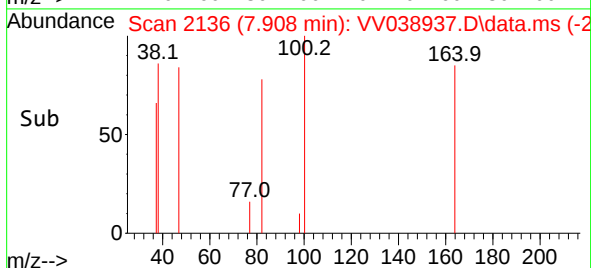
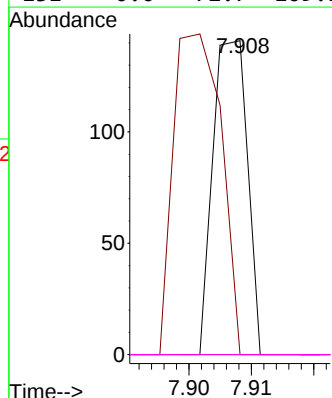
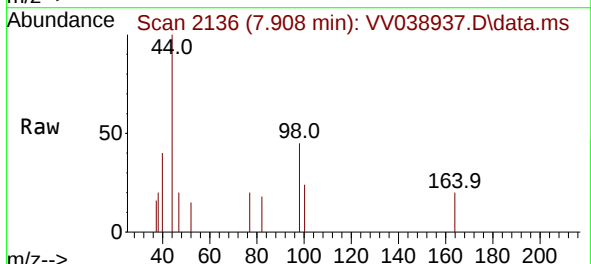
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

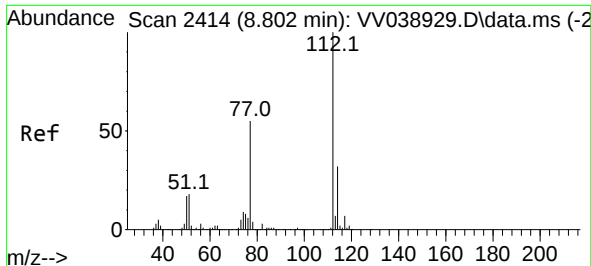
Tgt Ion:117 Resp: 727563
Ion Ratio Lower Upper
117 100
82 53.1 43.2 64.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 0.013 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:164 Resp: 54
Ion Ratio Lower Upper
164 100
166 0.0 100.2 150.4#
129 0.0 76.7 115.1#
131 0.0 72.7 109.1#

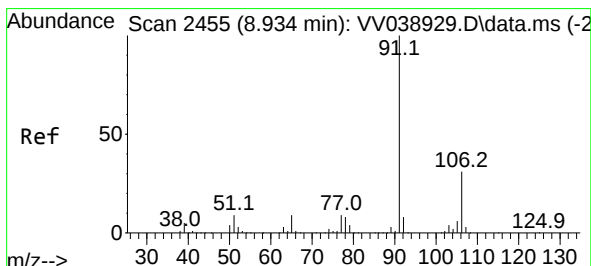
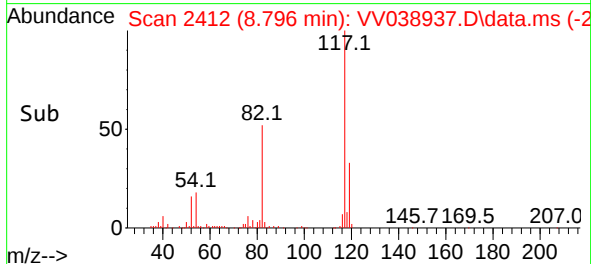
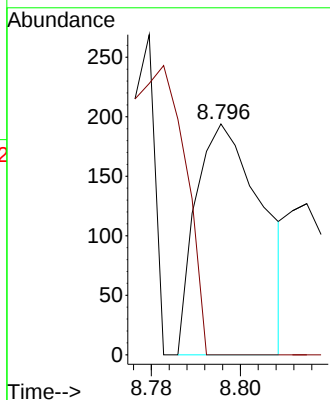
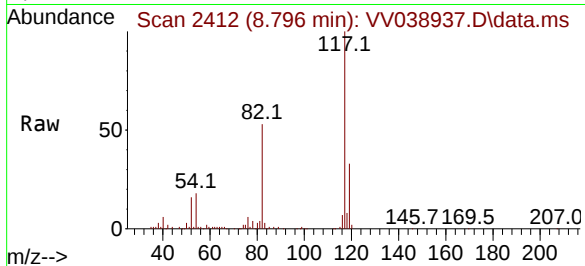




#65
Chlorobenzene
Concen: 0.014 ug/l
RT: 8.796 min Scan# 2412
Delta R.T. -0.007 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

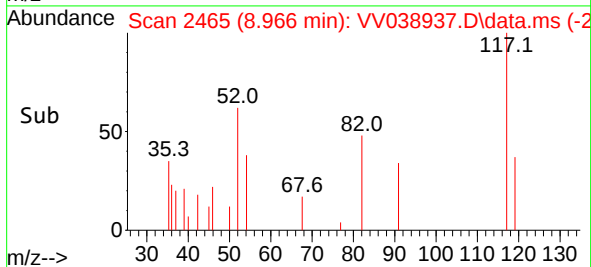
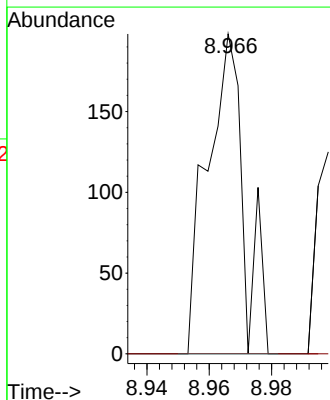
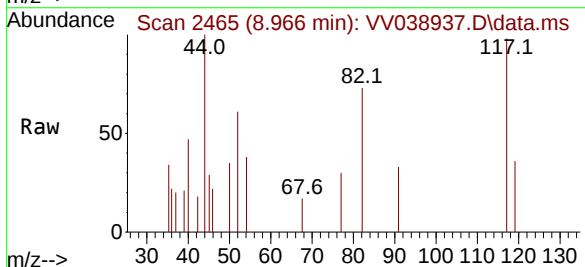
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

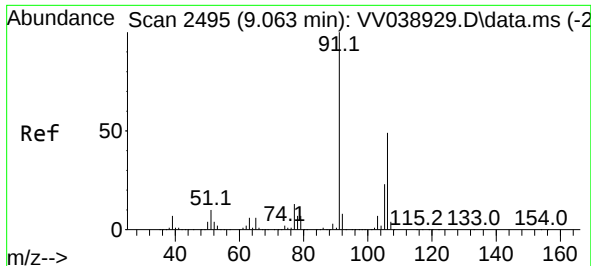
Tgt Ion:112 Resp: 200
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#67
Ethyl Benzene
Concen: 0.008 ug/l
RT: 8.966 min Scan# 2465
Delta R.T. 0.032 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 91 Resp: 162
Ion Ratio Lower Upper
91 100
106 0.0 25.0 37.6#

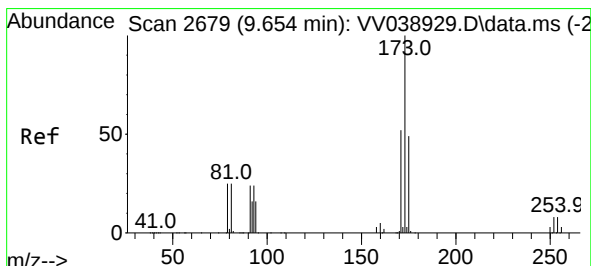
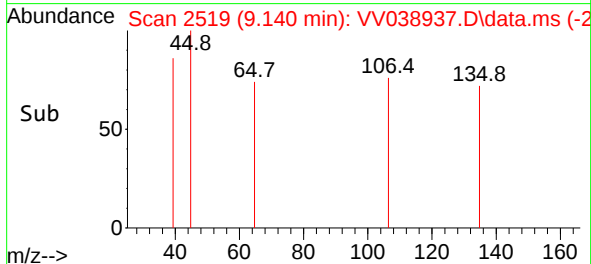
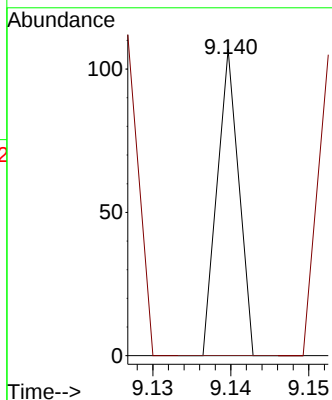
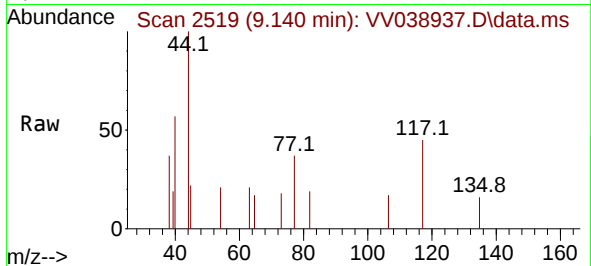




#68
m/p-Xylenes
Concen: 0.003 ug/l
RT: 9.140 min Scan# 21
Delta R.T. 0.077 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

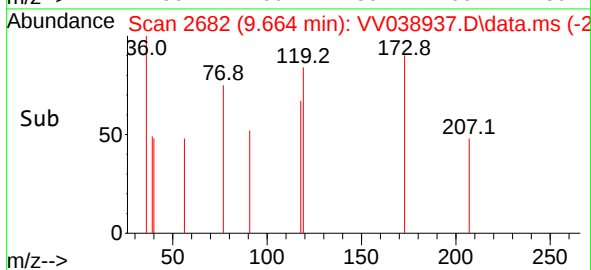
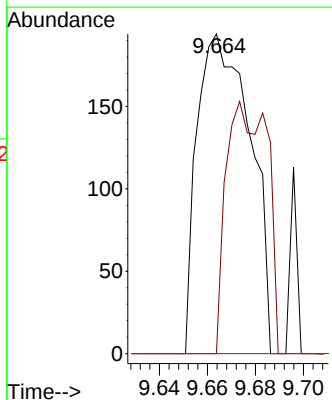
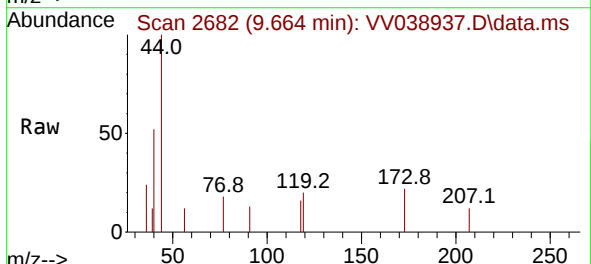
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

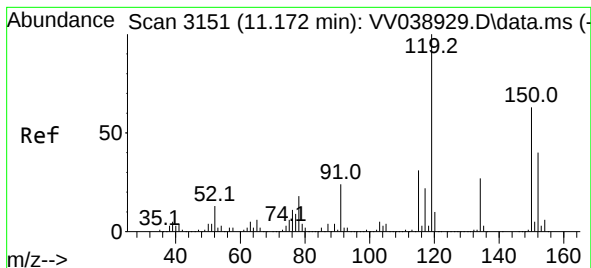
Tgt Ion:106 Resp: 21
Ion Ratio Lower Upper
106 100
91 0.0 163.4 245.2#



#71
Bromoform
Concen: 0.063 ug/l
RT: 9.664 min Scan# 2682
Delta R.T. 0.010 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:173 Resp: 297
Ion Ratio Lower Upper
173 100
175 60.9 24.3 72.9
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: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

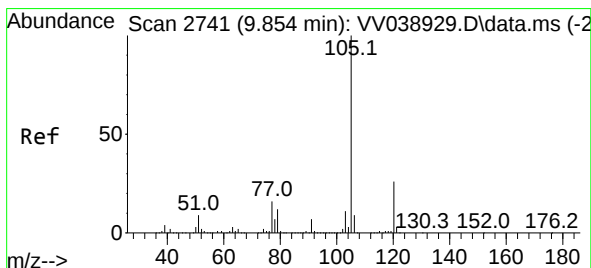
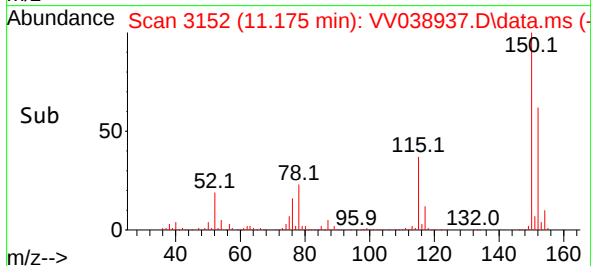
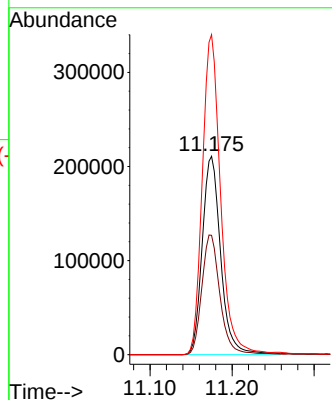
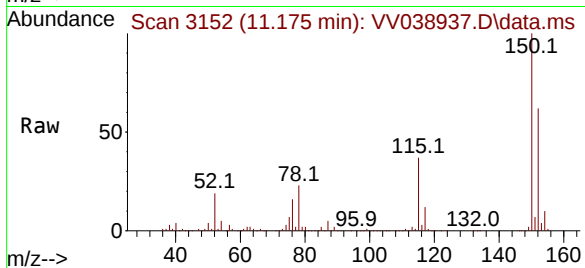
Tgt Ion:152 Resp: 330000

Ion Ratio Lower Upper

152 100

115 59.6 41.0 123.2

150 159.1 0.0 345.4



#73

Isopropylbenzene

Concen: 0.001 ug/l

RT: 9.879 min Scan# 2749

Delta R.T. 0.026 min

Lab File: VV038937.D

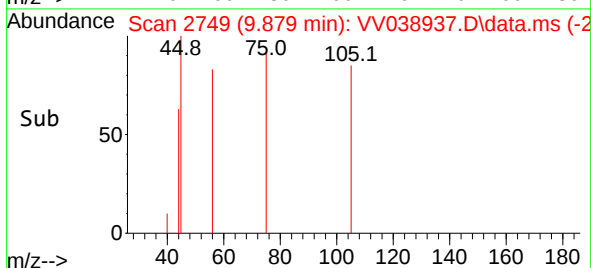
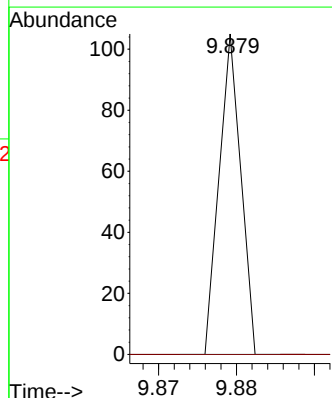
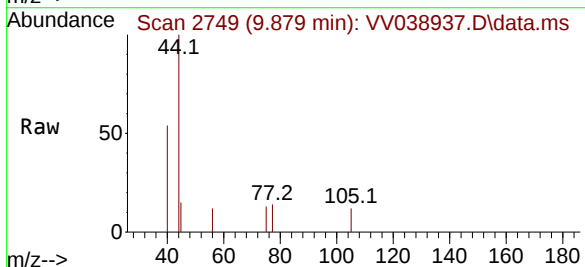
Acq: 11 Aug 2025 10:42

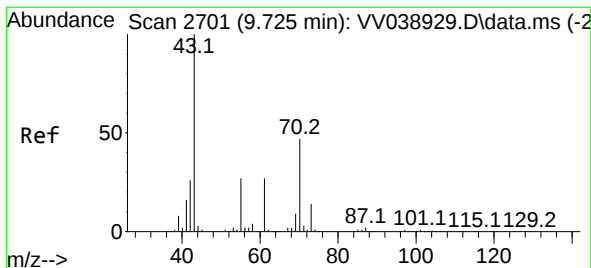
Tgt Ion:105 Resp: 20

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#





#74

N-amy1 acetate

Concen: 0.007 ug/l

RT: 9.725 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

Tgt Ion: 43 Resp: 45

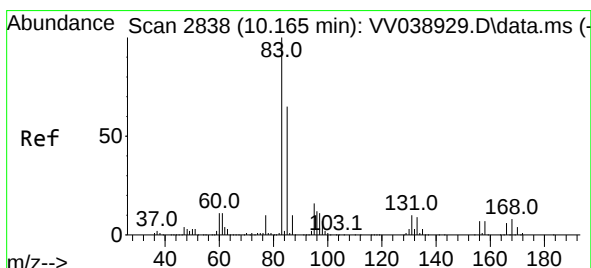
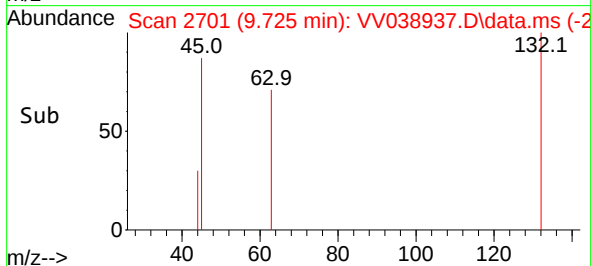
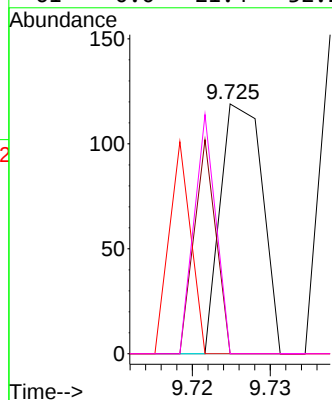
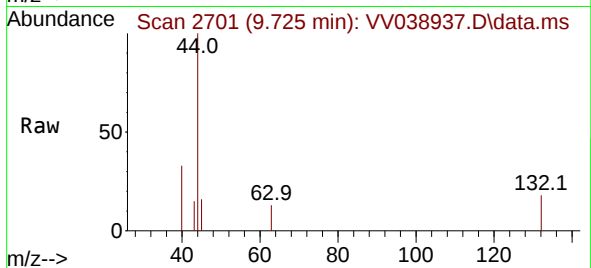
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 22.1 33.1#

61 0.0 21.4 32.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.003 ug/l

RT: 10.175 min Scan# 2841

Delta R.T. 0.010 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

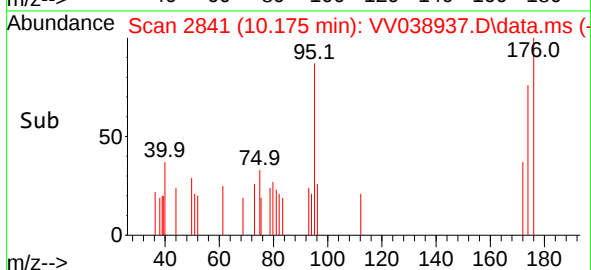
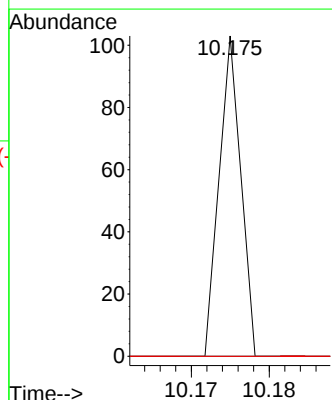
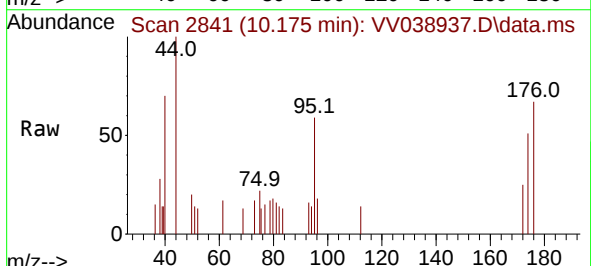
Tgt Ion: 83 Resp: 20

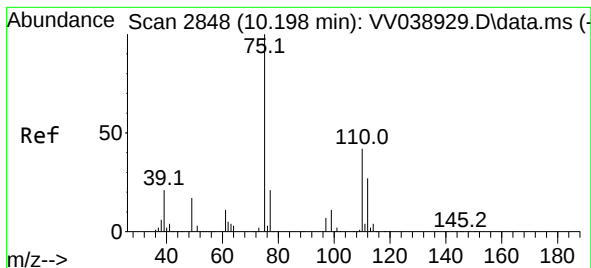
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.5 97.4#





#76

1,2,3-Trichloropropane

Concen: 30.113 ug/l

RT: 10.001 min Scan# 21

Delta R.T. -0.196 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

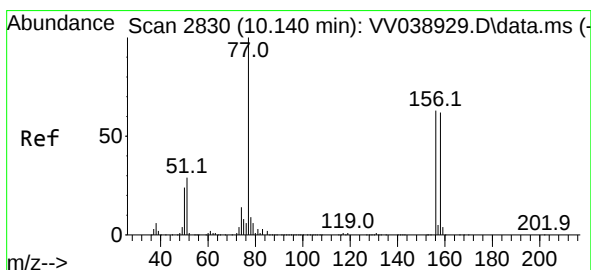
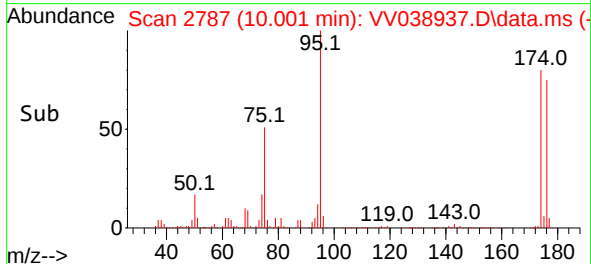
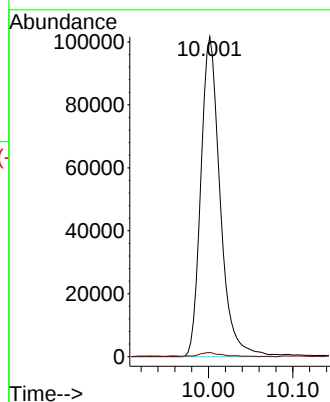
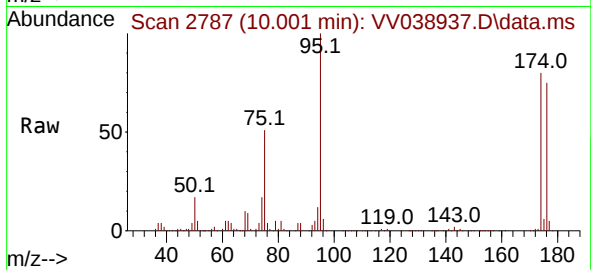
VV0811WBL01

Tgt Ion: 75 Resp: 162362

Ion Ratio Lower Upper

75 100

77 1.3 11.9 35.9#



#77

Bromobenzene

Concen: 0.020 ug/l

RT: 10.156 min Scan# 2835

Delta R.T. 0.016 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

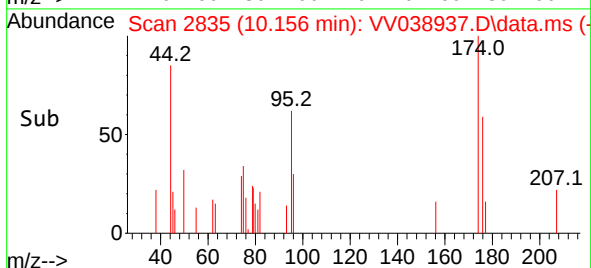
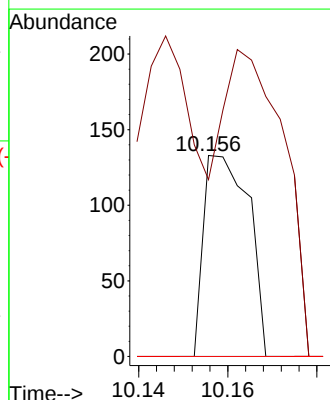
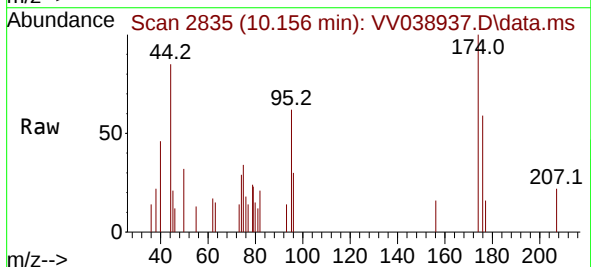
Tgt Ion:156 Resp: 93

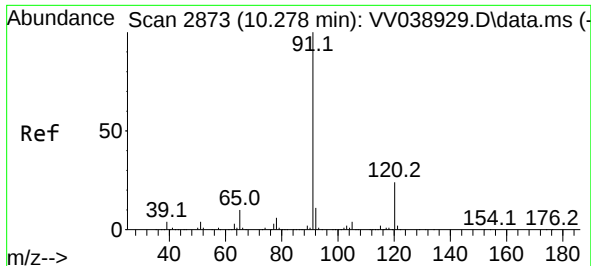
Ion Ratio Lower Upper

156 100

77 209.7 78.8 236.5

158 0.0 49.6 148.8#

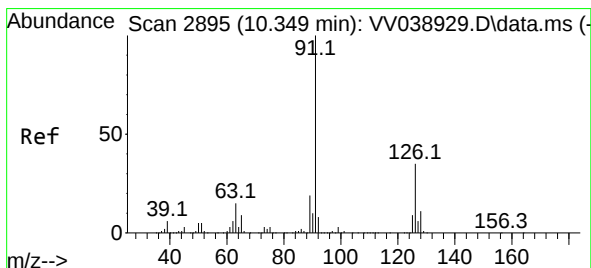
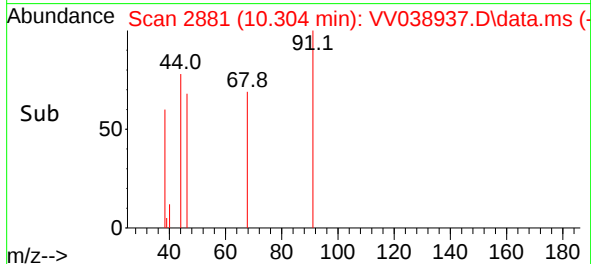
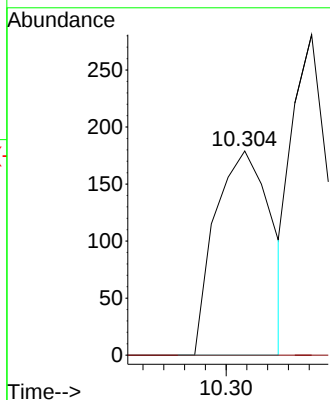
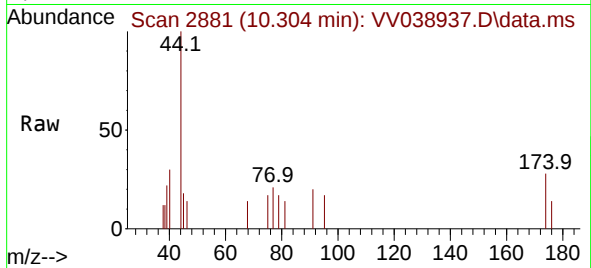




#78
n-propylbenzene
Concen: 0.007 ug/l
RT: 10.304 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

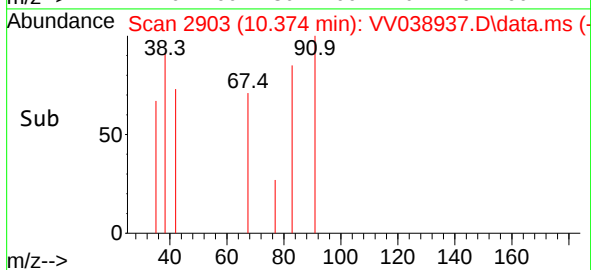
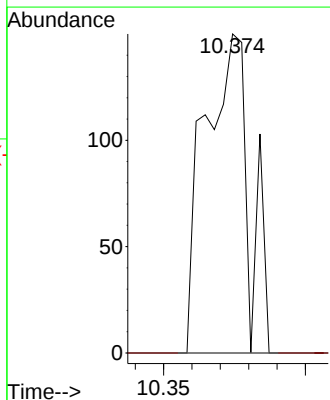
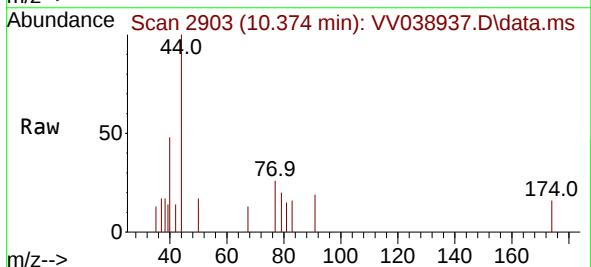
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

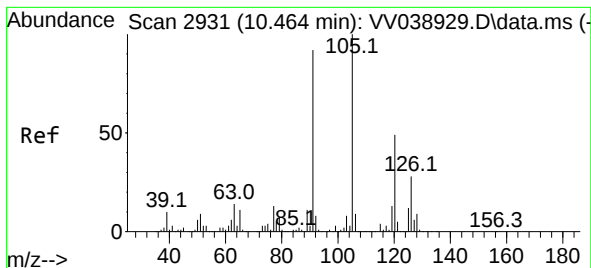
Tgt Ion: 91 Resp: 135
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.7#



#79
2-Chlorotoluene
Concen: 0.013 ug/l
RT: 10.374 min Scan# 2903
Delta R.T. 0.026 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 91 Resp: 162
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.002 ug/l

RT: 10.480 min Scan# 2931

Delta R.T. 0.016 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

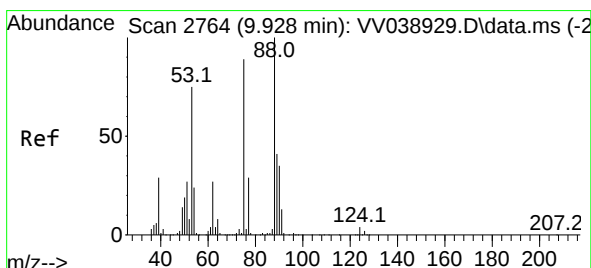
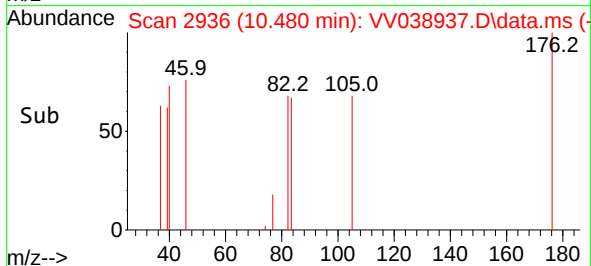
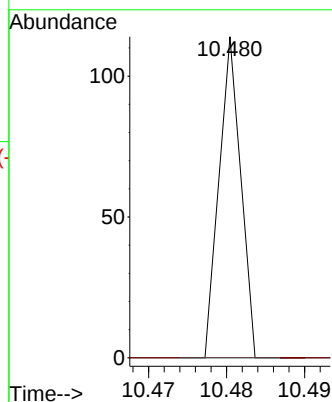
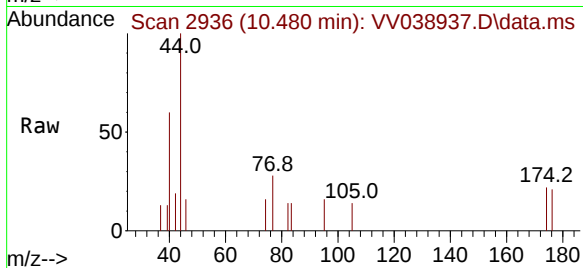
VV0811WBL01

Tgt Ion:105 Resp: 22

Ion Ratio Lower Upper

105 100

120 0.0 24.6 73.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.392 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.074 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

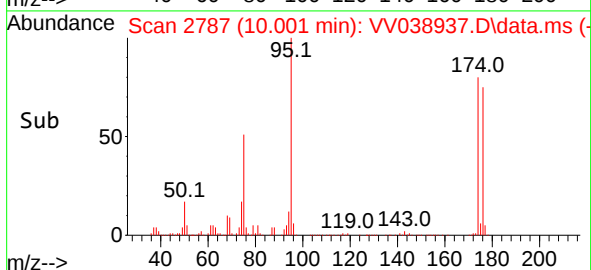
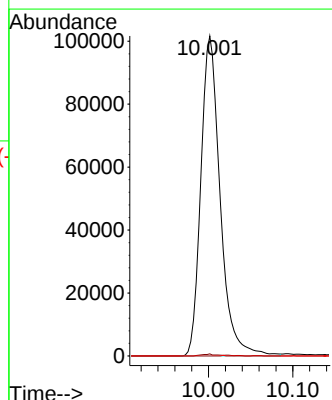
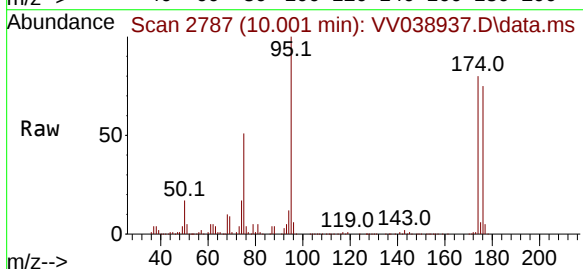
Tgt Ion: 75 Resp: 162362

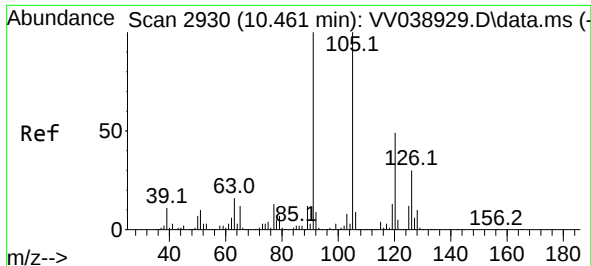
Ion Ratio Lower Upper

75 100

53 0.5 69.0 103.4#

89 0.0 38.8 58.2#

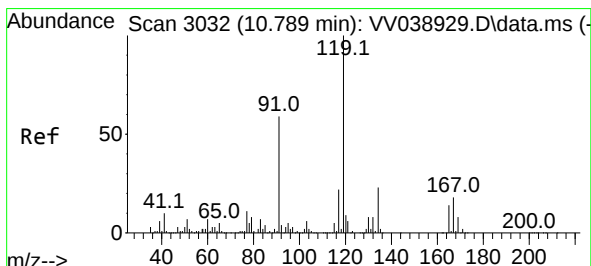
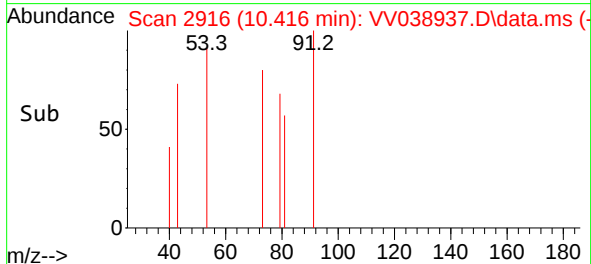
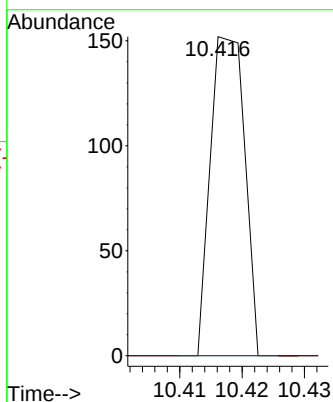
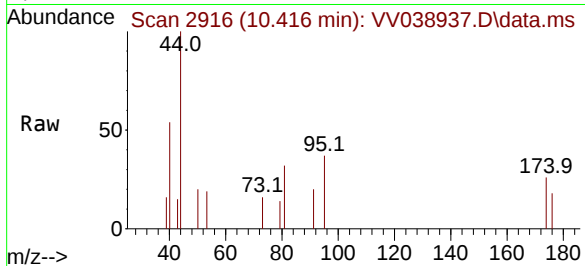




#82
4-Chlorotoluene
Concen: 0.004 ug/l
RT: 10.416 min Scan# 2916
Delta R.T. -0.045 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

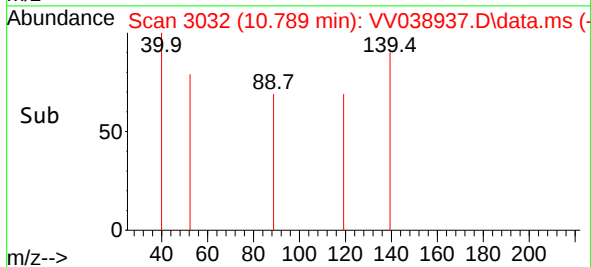
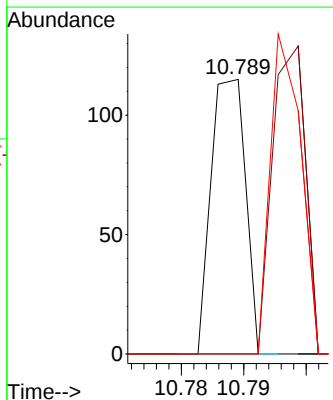
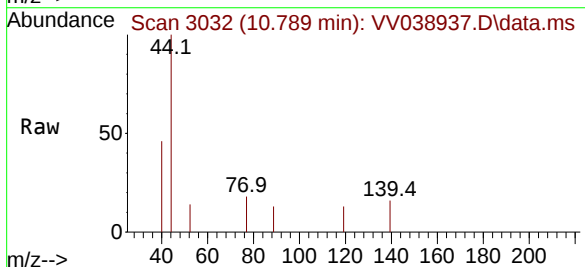
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

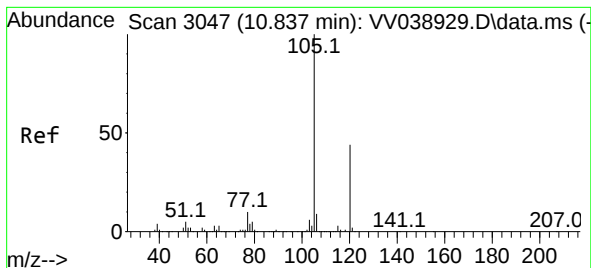
Tgt Ion: 91 Resp: 58
Ion Ratio Lower Upper
91 100
126 0.0 15.0 45.0#



#83
tert-Butylbenzene
Concen: 0.003 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 119 Resp: 44
Ion Ratio Lower Upper
119 100
91 106.8 28.5 85.5#
134 104.5 11.5 34.4#





#84

1,2,4-Trimethylbenzene

Concen: 0.007 ug/l

RT: 10.873 min Scan# 3058

Delta R.T. 0.035 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

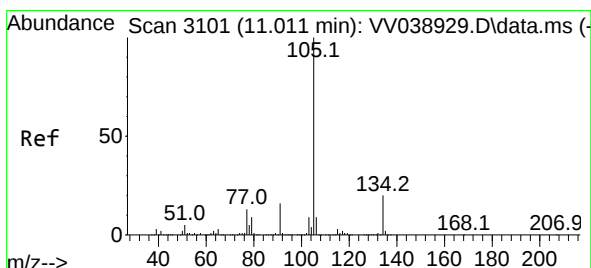
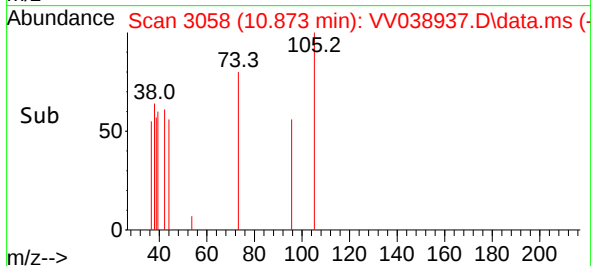
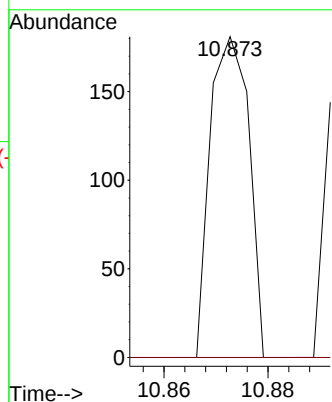
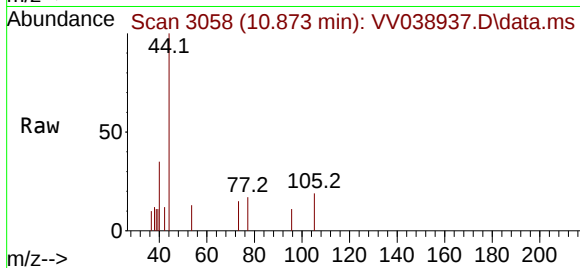
VV0811WBL01

Tgt Ion:105 Resp: 94

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.5#



#85

sec-Butylbenzene

Concen: 0.006 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038937.D

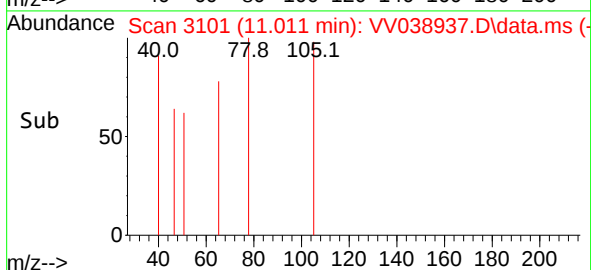
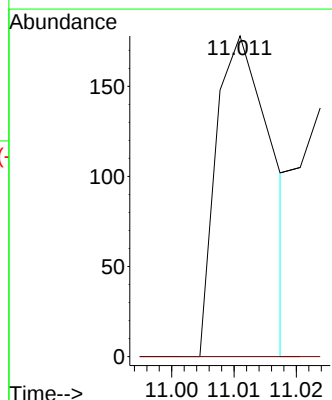
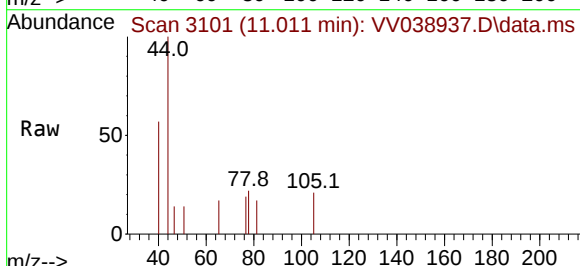
Acq: 11 Aug 2025 10:42

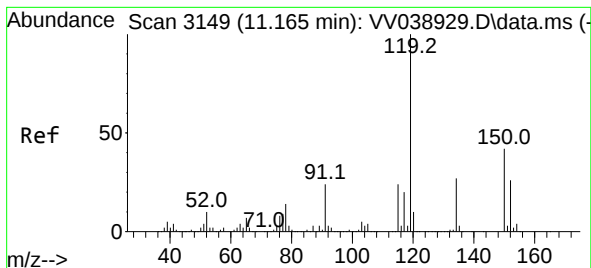
Tgt Ion:105 Resp: 110

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.016 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

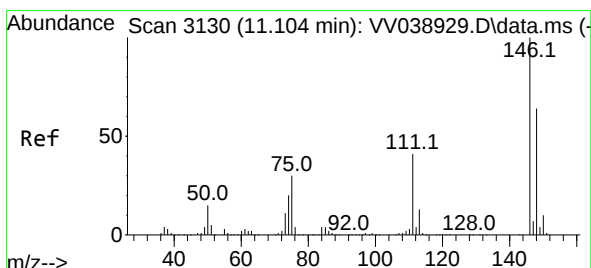
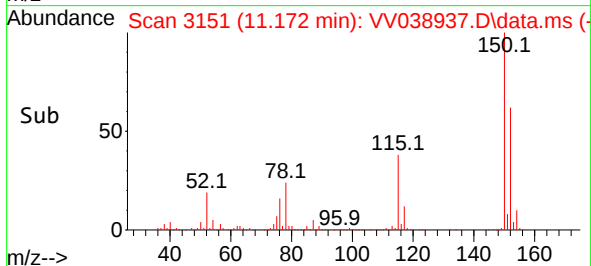
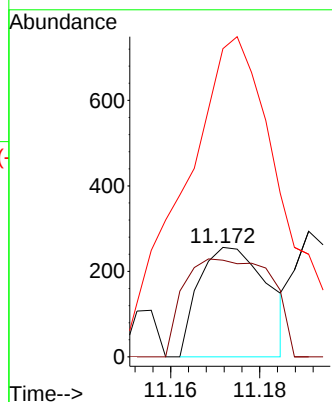
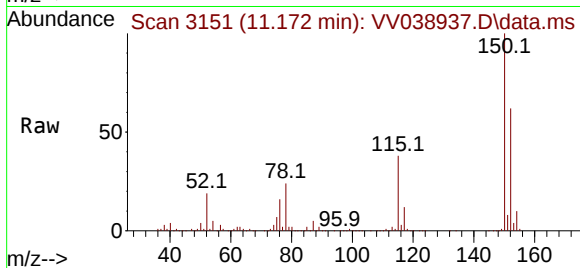
Tgt Ion:119 Resp: 275

Ion Ratio Lower Upper

119 100

134 113.5 13.2 39.6#

91 408.0 12.2 36.4#



#87

1,3-Dichlorobenzene

Concen: 0.036 ug/l

RT: 11.140 min Scan# 3141

Delta R.T. 0.035 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

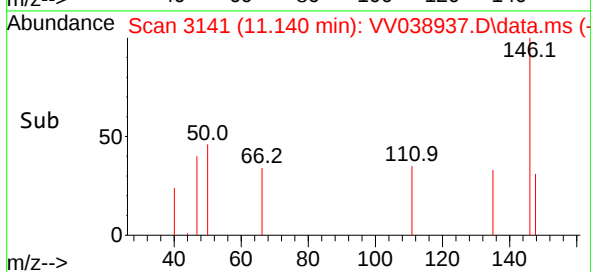
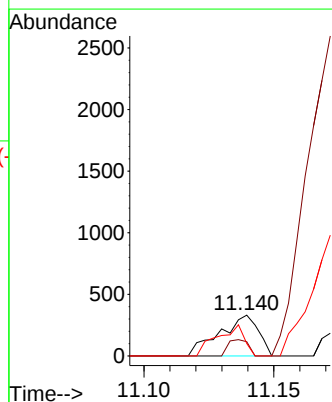
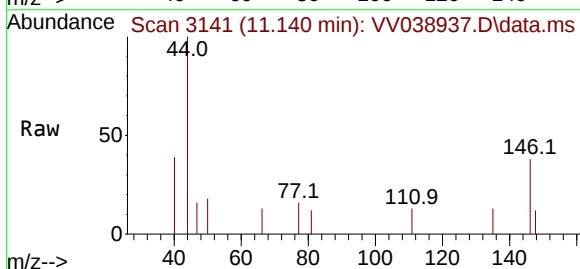
Tgt Ion:146 Resp: 345

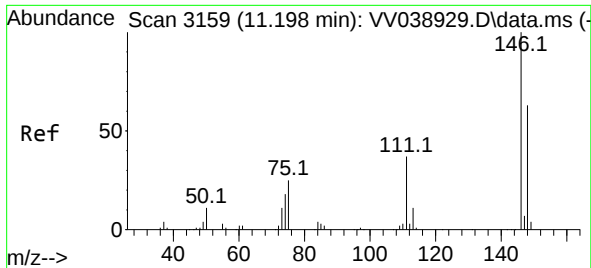
Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.2#

148 53.6 32.0 96.2

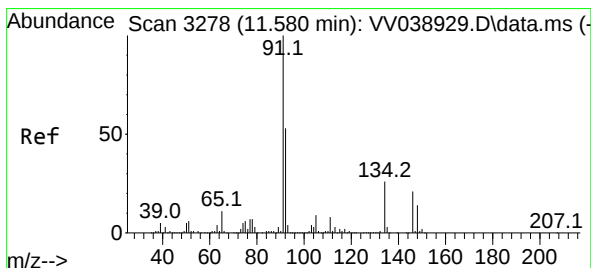
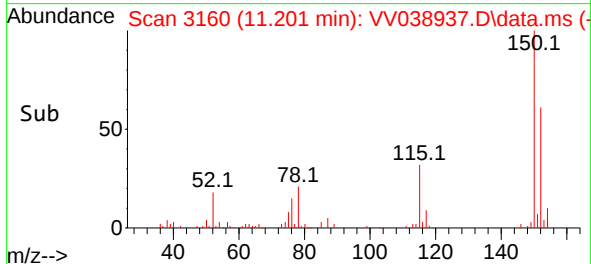
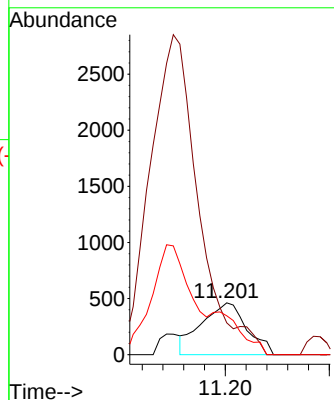
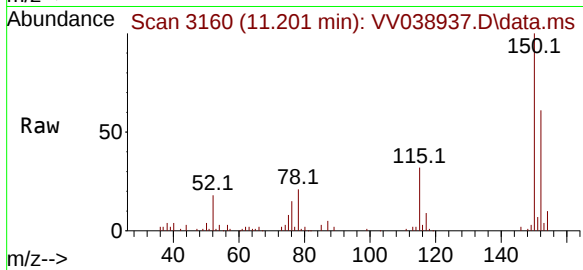




#88
1,4-Dichlorobenzene
Concen: 0.066 ug/l
RT: 11.201 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

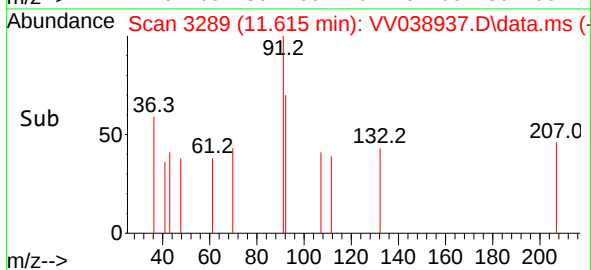
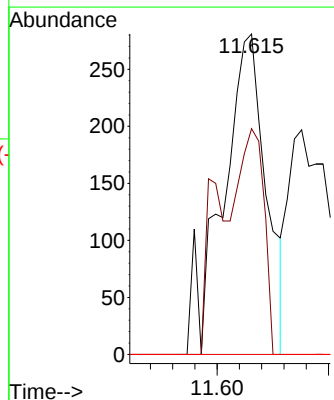
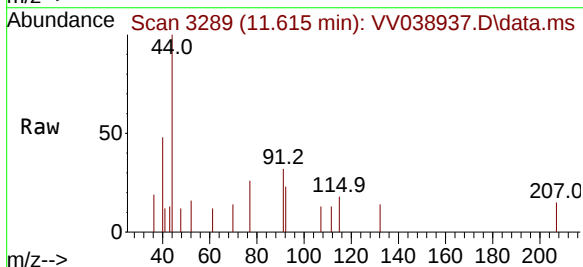
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

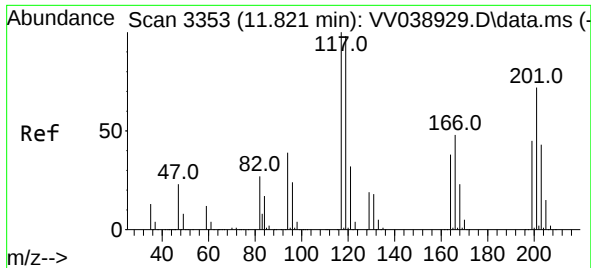
Tgt Ion:146 Resp: 699
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.1#
148 0.0 31.4 94.2#



#89
n-Butylbenzene
Concen: 0.024 ug/l
RT: 11.615 min Scan# 3289
Delta R.T. 0.035 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion: 91 Resp: 382
Ion Ratio Lower Upper
91 100
92 41.6 26.2 78.6
134 0.0 13.0 38.9#

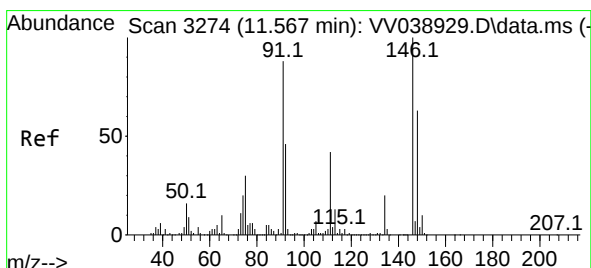
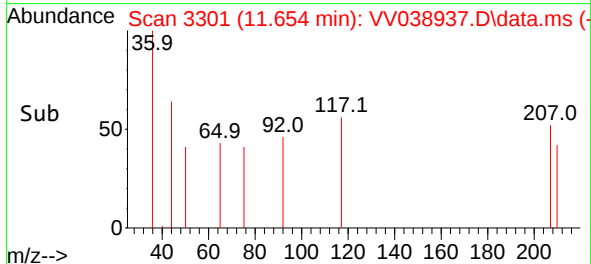
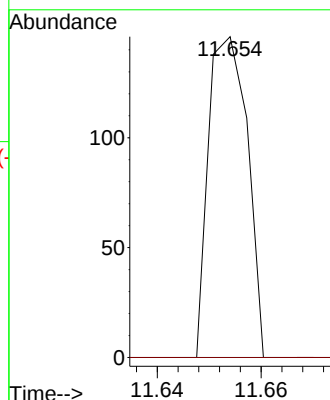
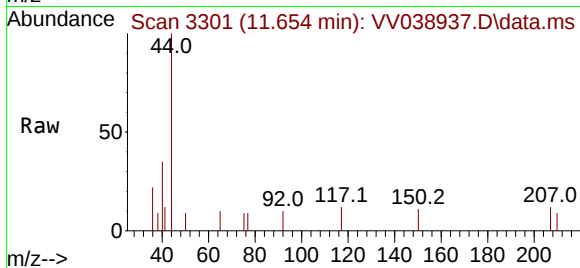




#90
Hexachloroethane
Concen: 0.019 ug/l
RT: 11.654 min Scan# 31
Delta R.T. -0.167 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

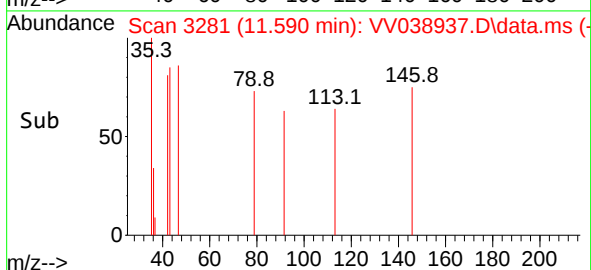
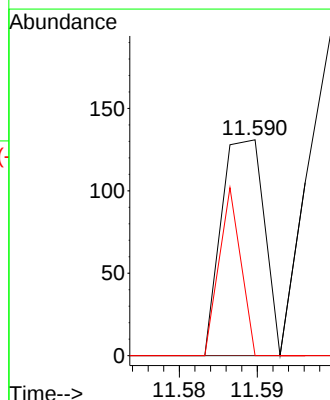
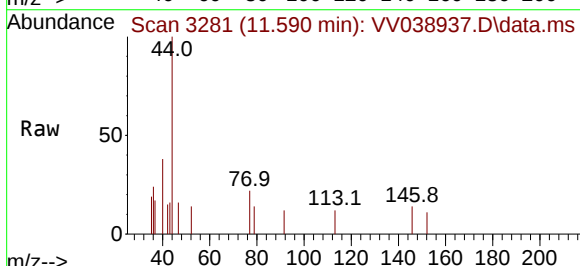
Instrument :
MSVOA_V
ClientSampleId :
VV0811WBL01

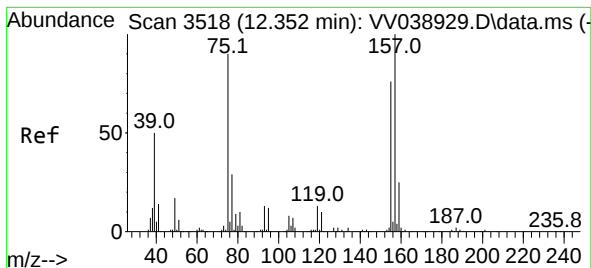
Tgt Ion:117 Resp: 76
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.5#



#91
1,2-Dichlorobenzene
Concen: 0.005 ug/l
RT: 11.590 min Scan# 3281
Delta R.T. 0.022 min
Lab File: VV038937.D
Acq: 11 Aug 2025 10:42

Tgt Ion:146 Resp: 50
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 40.0 32.1 96.5

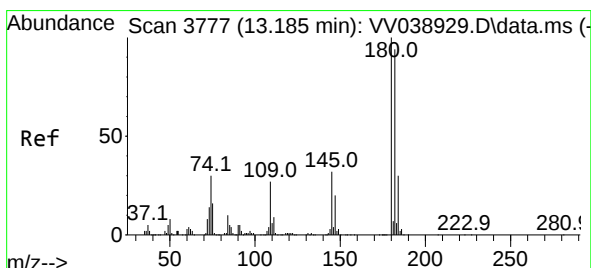
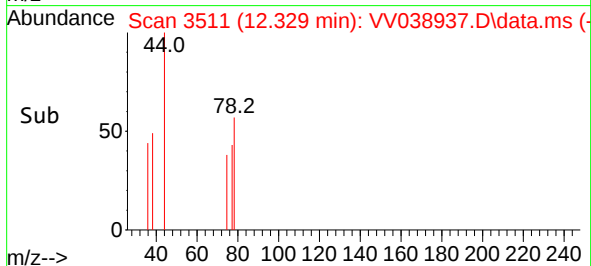
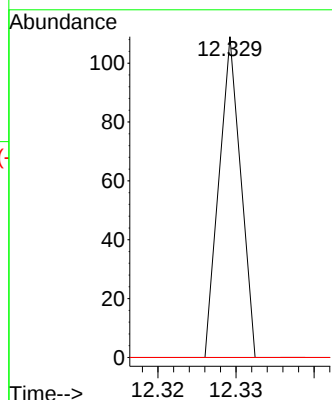
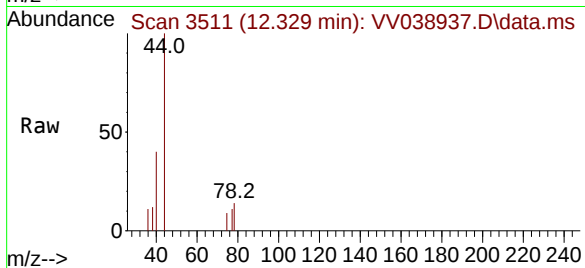




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.013 ug/l
 RT: 12.329 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

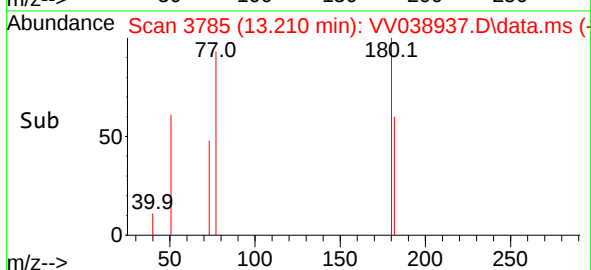
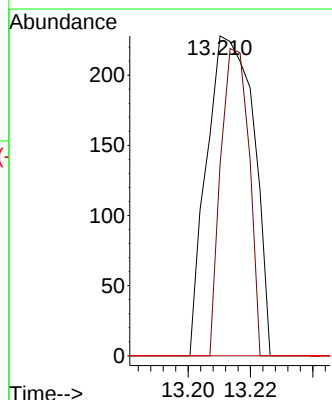
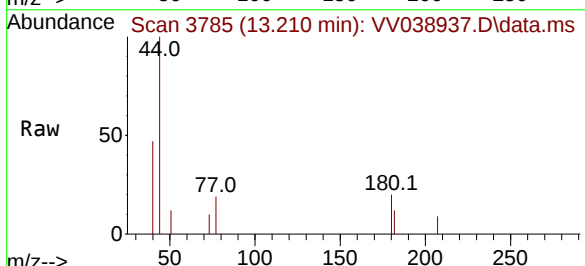
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0811WBL01

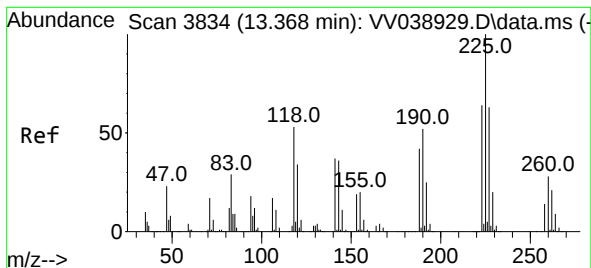
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.4 124.2#
 157 0.0 53.6 160.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.041 ug/l
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.026 min
 Lab File: VV038937.D
 Acq: 11 Aug 2025 10:42

Tgt Ion: 180 Resp: 238
 Ion Ratio Lower Upper
 180 100
 182 57.6 47.1 141.3
 145 0.0 15.9 47.6#





#94

Hexachlorobutadiene

Concen: 0.034 ug/l

RT: 13.374 min Scan# 3834

Delta R.T. 0.006 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

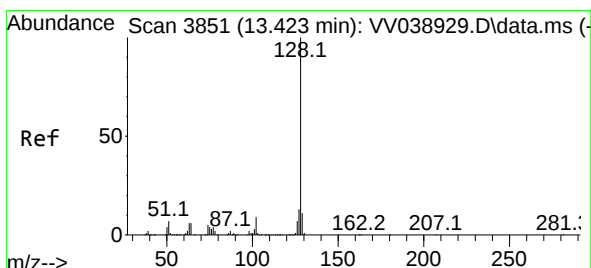
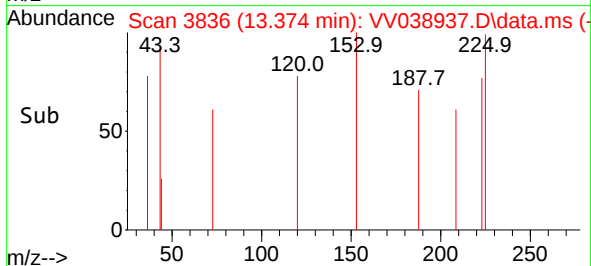
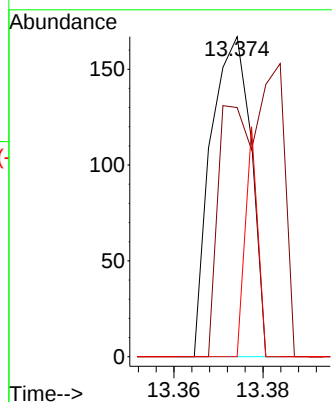
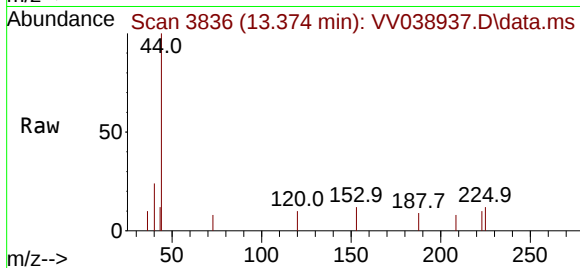
Instrument :

MSVOA_V

ClientSampleId :

VV0811WBL01

Tgt Ion:225	Resp:	104
Ion Ratio	Lower	Upper
225	100	
223	123.1	32.0 96.0#
227	22.1	31.3 93.9#



#95

Naphthalene

Concen: 0.003 ug/l

RT: 13.461 min Scan# 3863

Delta R.T. 0.038 min

Lab File: VV038937.D

Acq: 11 Aug 2025 10:42

Tgt Ion:128	Resp:	48
Ion Ratio	Lower	Upper
128	100	
127	89.6	10.6 15.8#
129	0.0	8.8 13.2#

