

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038875.D
 Acq On : 07 Jul 2025 17:13
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Jul 08 02:47:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	419043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	732929	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	684347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	326131	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	266687	56.786	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 113.580%	
35) Dibromofluoromethane	4.503	113	241979	52.122	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.240%	
50) Toluene-d8	7.239	98	680285	45.291	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 90.580%	
62) 4-Bromofluorobenzene	10.001	95	285142	46.987	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 93.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	2040	0.513	ug/l	83
3) Chloromethane	1.230	50	3625	0.743	ug/l	99
4) Vinyl Chloride	1.298	62	2838	0.625	ug/l	98
5) Bromomethane	1.497	94	3032	1.095	ug/l	96
6) Chloroethane	1.558	64	1849	0.608	ug/l	99
7) Trichlorofluoromethane	1.728	101	4879	0.608	ug/l	93
8) Diethyl Ether	1.918	74	1487m	0.532	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.079	101	2937	0.647	ug/l	94
10) Methyl Iodide	2.201	142	2732	0.474	ug/l #	88
11) Tert butyl alcohol	2.577	59	1795	2.928	ug/l #	82
12) 1,1-Dichloroethene	2.085	96	2666	0.618	ug/l	83
13) Acrolein	2.008	56	493m	3.221	ug/l	
14) Allyl chloride	2.365	41	3400m	0.586	ug/l	
15) Acrylonitrile	2.712	53	5697m	2.657	ug/l	
16) Acetone	2.127	43	6391	4.084	ug/l	88
17) Carbon Disulfide	2.252	76	7018	0.702	ug/l	98
18) Methyl Acetate	2.404	43	3326m	0.623	ug/l	
19) Methyl tert-butyl Ether	2.712	73	6486	0.486	ug/l	99
20) Methylene Chloride	2.465	84	5203	1.006	ug/l	91
21) trans-1,2-Dichloroethene	2.715	96	2582	0.598	ug/l	93
22) Diisopropyl ether	3.227	45	5403	0.454	ug/l #	30
23) Vinyl Acetate	3.249	43	13464m	1.569	ug/l	
24) 1,1-Dichloroethane	3.137	63	5325	0.664	ug/l	94
26) 2,2-Dichloropropane	3.822	77	4069	0.547	ug/l	82
27) cis-1,2-Dichloroethene	3.863	96	2476m	0.492	ug/l	
28) Bromochloromethane	4.175	49	2915m	0.850	ug/l	
29) Tetrahydrofuran	4.301	42	3946m	2.517	ug/l	
30) Chloroform	4.301	83	4964	0.568	ug/l	93
31) Cyclohexane	4.593	56	11576	1.822	ug/l #	36
32) 1,1,1-Trichloroethane	4.510	97	4689	0.578	ug/l #	48
36) 1,1-Dichloropropene	4.773	75	3878m	0.688	ug/l	
38) Carbon Tetrachloride	4.748	117	5921m	0.799	ug/l	
39) Methylcyclohexane	6.047	83	3881	0.527	ug/l #	81
40) Benzene	5.040	78	8762	0.471	ug/l #	78
42) 1,2-Dichloroethane	5.072	62	4551m	0.691	ug/l	
44) Trichloroethene	5.863	130	2626	0.541	ug/l	79

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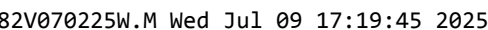
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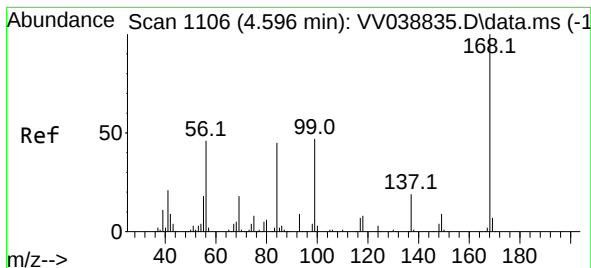
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	6.111	63	2782m	0.595	ug/l	
46) Dibromomethane	6.259	93	1801m	0.489	ug/l	
47) Bromodichloromethane	6.452	83	4160	0.533	ug/l #	91
51) 4-Methyl-2-Pentanone	7.169	43	9609	1.660	ug/l	98
52) Toluene	7.320	92	7328m	0.631	ug/l	
53) t-1,3-Dichloropropene	7.616	75	3190m	0.427	ug/l	
54) cis-1,3-Dichloropropene	6.982	75	3733m	0.489	ug/l	
55) 1,1,2-Trichloroethane	7.786	97	2853	0.561	ug/l #	88
56) Ethyl methacrylate	7.767	69	2539m	0.380	ug/l	
57) 1,3-Dichloropropane	7.963	76	3648	0.456	ug/l #	87
58) 2-Chloroethyl Vinyl ether	6.863	63	6758m	2.226	ug/l	
59) 2-Hexanone	8.117	43	5222m	1.279	ug/l	
60) Dibromochloromethane	8.178	129	3123	0.488	ug/l	98
61) 1,2-Dibromoethane	8.300	107	2262	0.430	ug/l #	66
64) Tetrachloroethene	7.911	164	2413	0.548	ug/l #	84
65) Chlorobenzene	8.812	112	7469	0.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	2738	0.508	ug/l #	65
67) Ethyl Benzene	8.953	91	10101	0.447	ug/l	98
68) m/p-Xylenes	9.079	106	6805	0.786	ug/l	93
69) o-Xylene	9.484	106	3280	0.397	ug/l	90
70) Styrene	9.529	104	4886m	0.338	ug/l	
71) Bromoform	9.667	173	2416	0.552	ug/l #	93
73) Isopropylbenzene	9.866	105	8897	0.465	ug/l	96
74) N-amyl acetate	9.783	43	2107m	0.315	ug/l	
75) 1,1,2,2-Tetrachloroethane	10.178	83	4100	0.591	ug/l	98
76) 1,2,3-Trichloropropane	10.210	75	3561m	0.706	ug/l	
77) Bromobenzene	10.156	156	3054m	0.619	ug/l	
78) n-propylbenzene	10.288	91	11110	0.488	ug/l	99
79) 2-Chlorotoluene	10.361	91	6340	0.458	ug/l	85
80) 1,3,5-Trimethylbenzene	10.477	105	7426	0.454	ug/l	94
81) trans-1,4-Dichloro-2-b...	9.940	75	1111m	0.469	ug/l	
82) 4-Chlorotoluene	10.487	91	7227	0.453	ug/l	100
83) tert-Butylbenzene	10.792	119	8020	0.473	ug/l	88
84) 1,2,4-Trimethylbenzene	10.850	105	7394	0.461	ug/l	96
85) sec-Butylbenzene	11.017	105	9632	0.446	ug/l	89
86) p-Isopropyltoluene	11.175	119	8594	0.464	ug/l	83
87) 1,3-Dichlorobenzene	11.124	146	5426	0.541	ug/l	94
88) 1,4-Dichlorobenzene	11.201	146	7065m	0.668	ug/l	
89) n-Butylbenzene	11.593	91	6599	0.384	ug/l	92
90) Hexachloroethane	11.821	117	2007	0.499	ug/l	99
91) 1,2-Dichlorobenzene	11.586	146	5365	0.567	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.371	75	901m	0.613	ug/l	
93) 1,2,4-Trichlorobenzene	13.201	180	2431	0.396	ug/l	73
94) Hexachlorobutadiene	13.368	225	1323	0.447	ug/l	95
95) Naphthalene	13.448	128	7189	0.368	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.676	180	2936	0.464	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038875.D

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Instrument :

MSVOA_V

ClientSampleId :

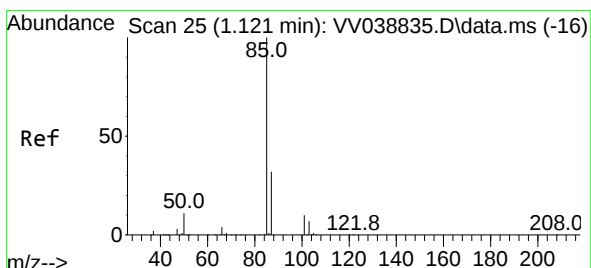
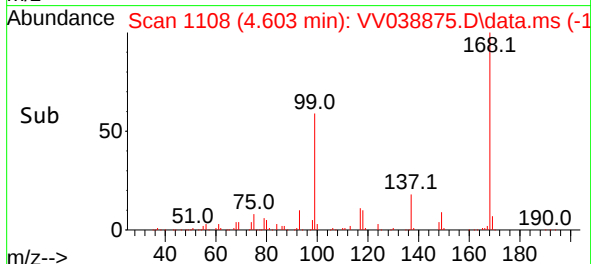
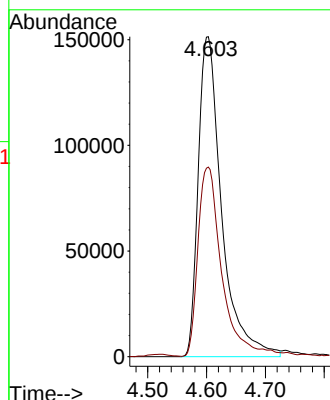
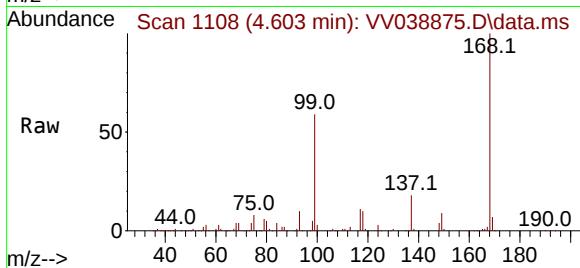
MDL05

Tgt Ion:168 Resp: 419043

Ion Ratio Lower Upper

168 100

99 59.1 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.513 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038875.D

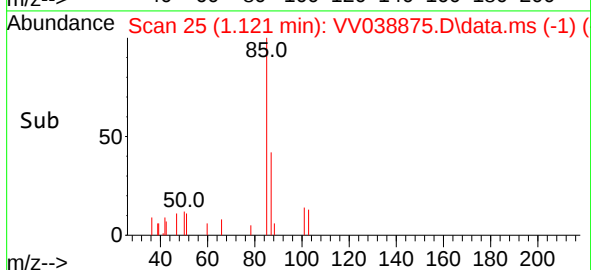
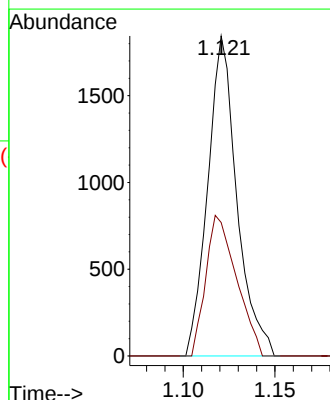
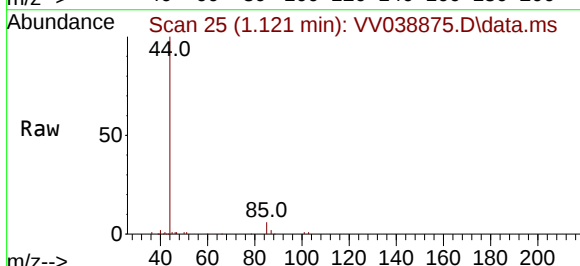
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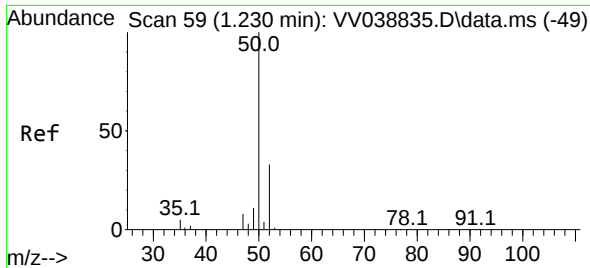
Tgt Ion: 85 Resp: 2040

Ion Ratio Lower Upper

85 100

87 41.7 16.1 48.3

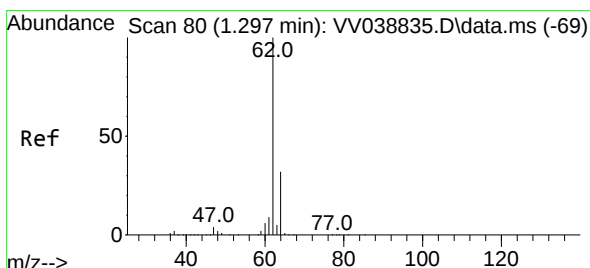
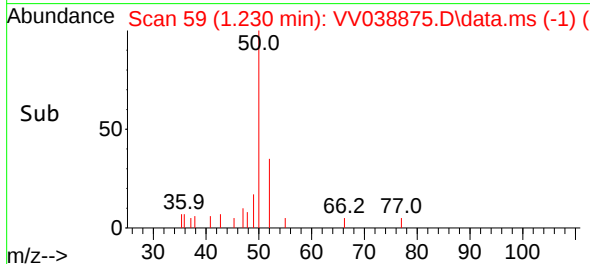
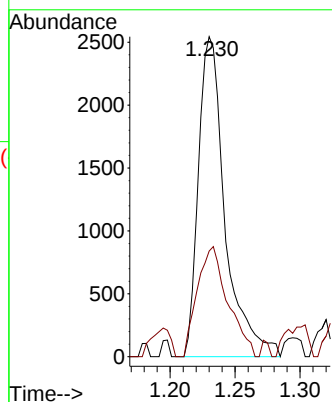
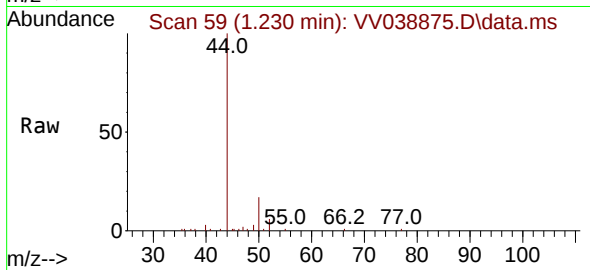




#3
Chloromethane
Concen: 0.743 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

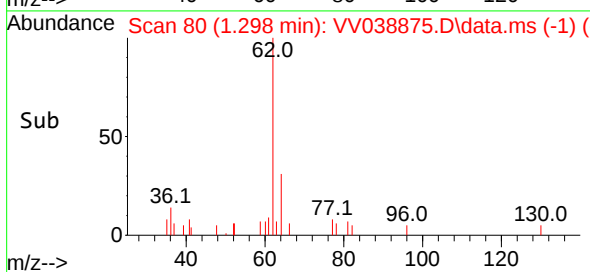
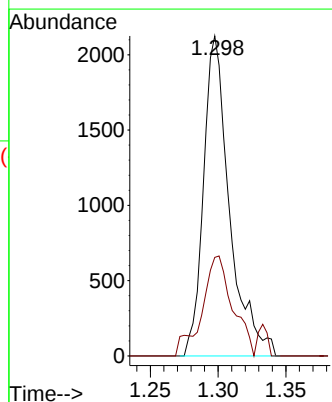
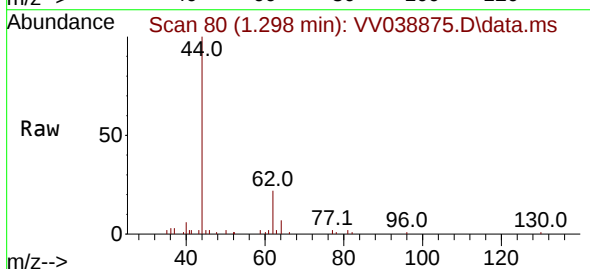
Instrument :
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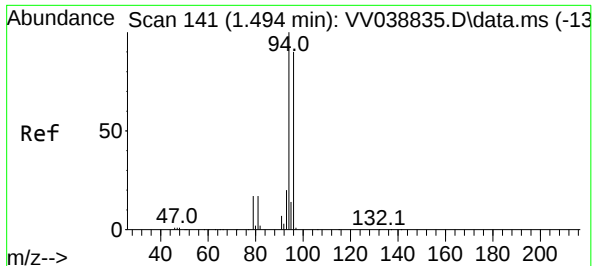
Tgt Ion: 50 Resp: 3625
Ion Ratio Lower Upper
50 100
52 33.0 26.7 40.1



#4
Vinyl Chloride
Concen: 0.625 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 62 Resp: 2838
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3

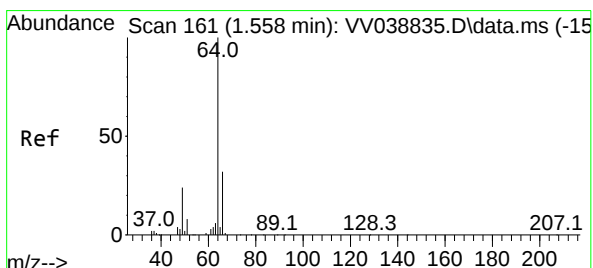
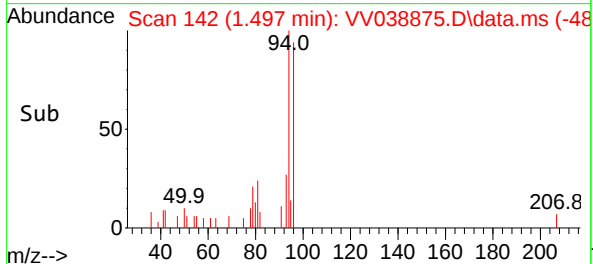
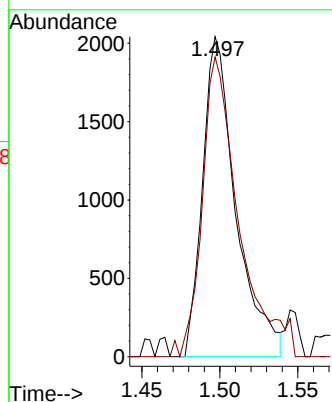
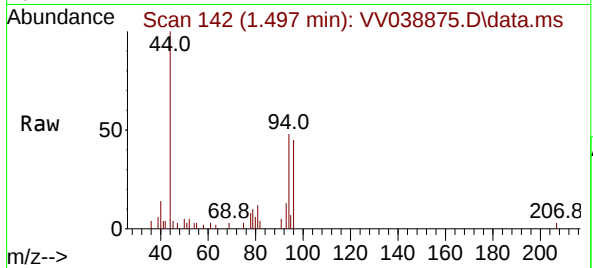




#5
Bromomethane
Concen: 1.095 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

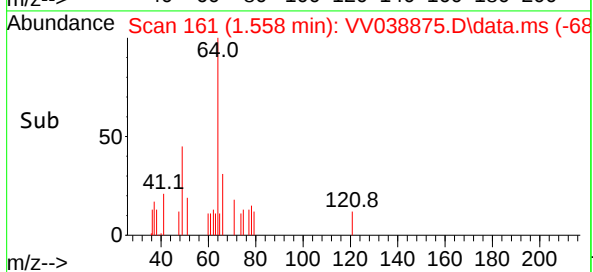
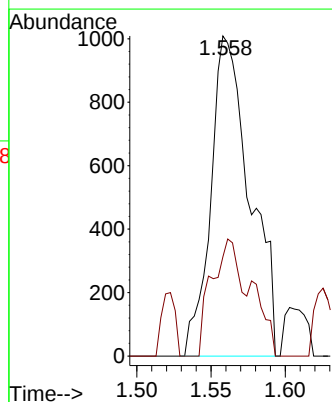
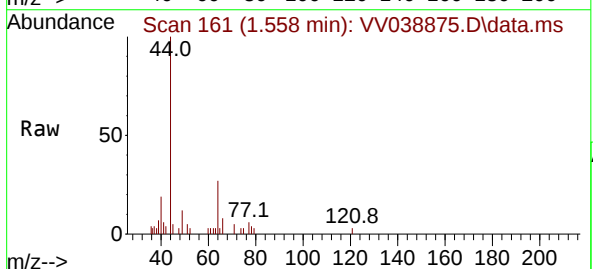
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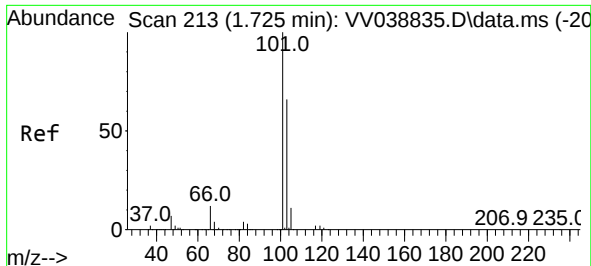
Tgt Ion: 94 Resp: 3032
Ion Ratio Lower Upper
94 100
96 93.6 72.2 108.4



#6
Chloroethane
Concen: 0.608 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 64 Resp: 1849
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

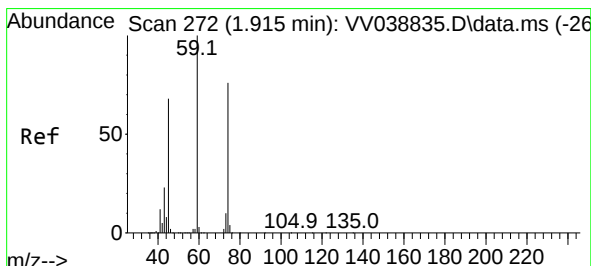
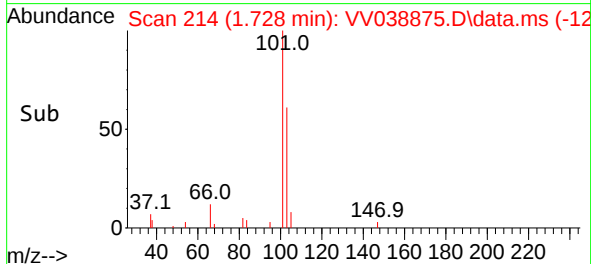
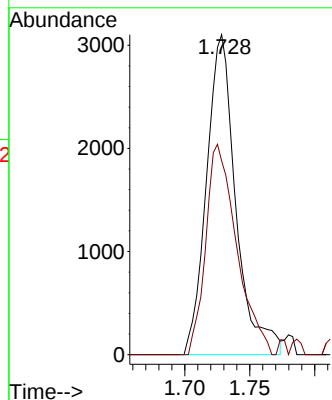
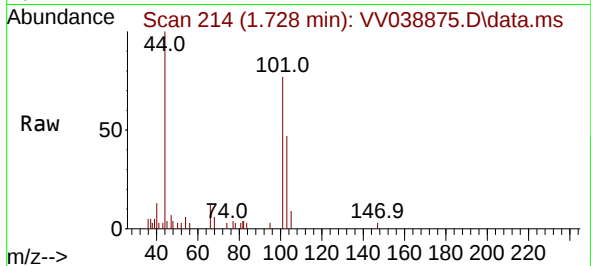




#7
 Trichlorofluoromethane
 Concen: 0.608 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

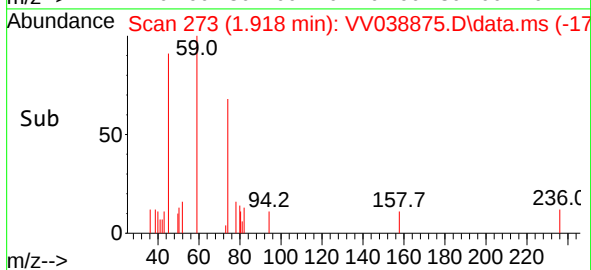
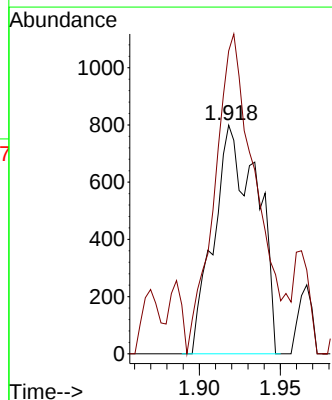
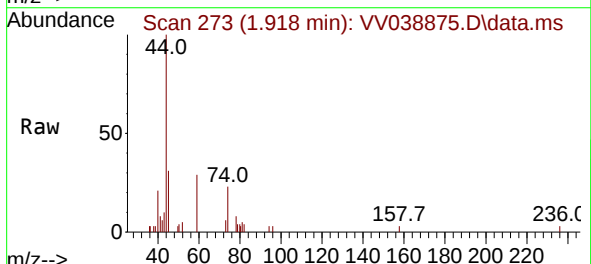
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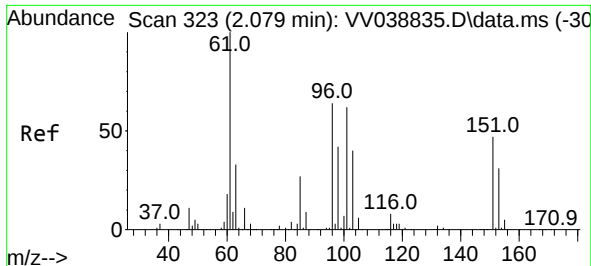
Tgt Ion:101 Resp: 4879
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.8 79.2



#8
 Diethyl Ether
 Concen: 0.532 ug/l m
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion: 74 Resp: 1487
 Ion Ratio Lower Upper
 74 100
 45 131.5 43.9 131.7

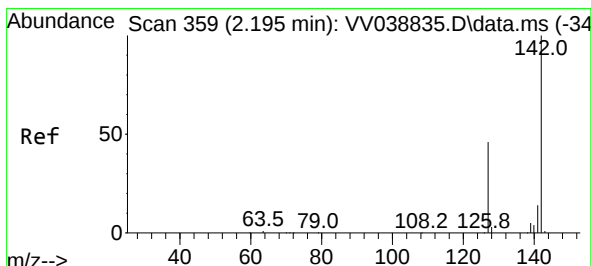
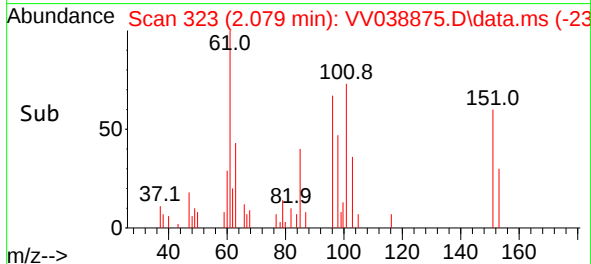
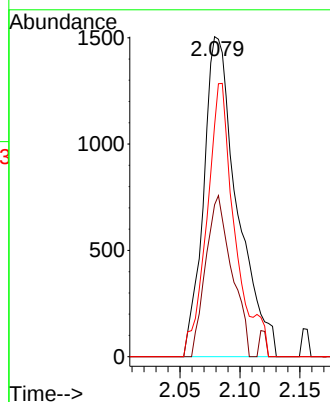
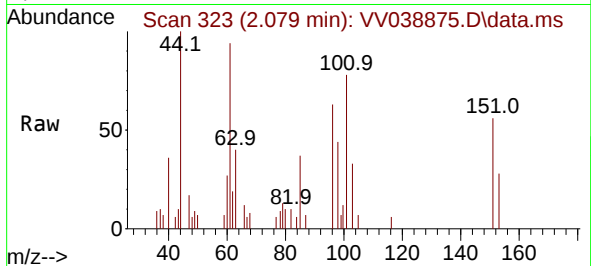




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.647 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

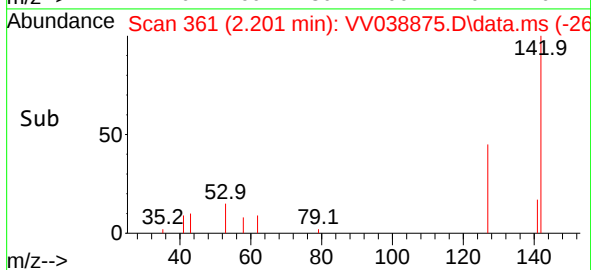
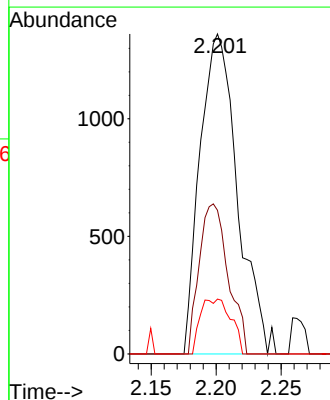
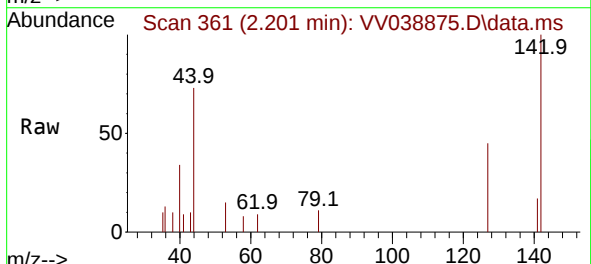
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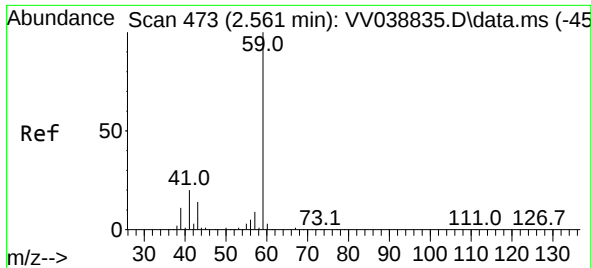
Tgt Ion:	101	Resp:	2937
Ion	Ratio	Lower	Upper
101	100		
85	39.1	34.6	52.0
151	70.9	60.4	90.6



#10
Methyl Iodide
Concen: 0.474 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion:	142	Resp:	2732
Ion	Ratio	Lower	Upper
142	100		
127	36.3	36.9	55.3#
141	14.0	11.8	17.8

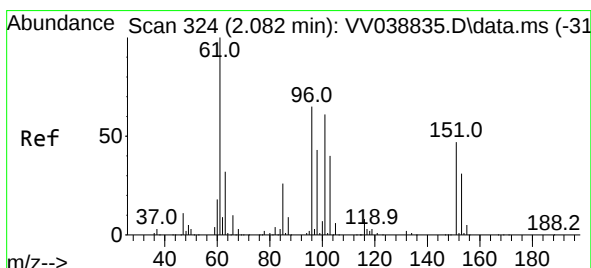
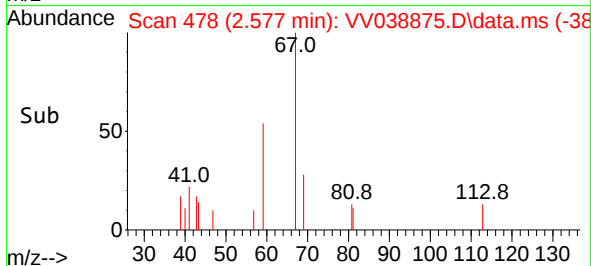
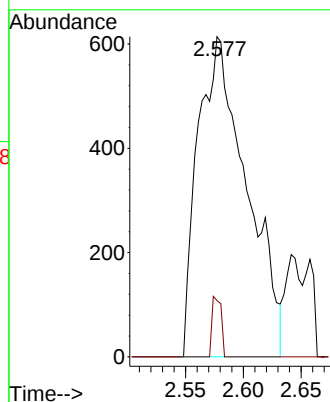
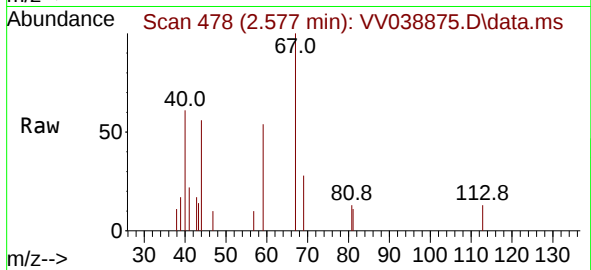




#11
Tert butyl alcohol
Concen: 2.928 ug/l
RT: 2.577 min Scan# 411
Delta R.T. 0.016 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

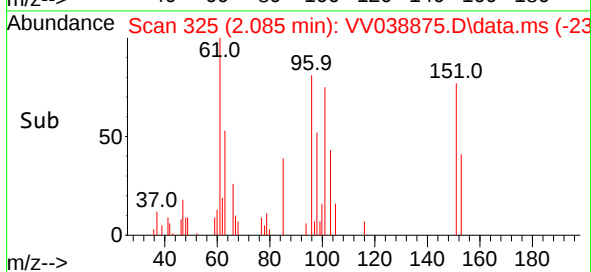
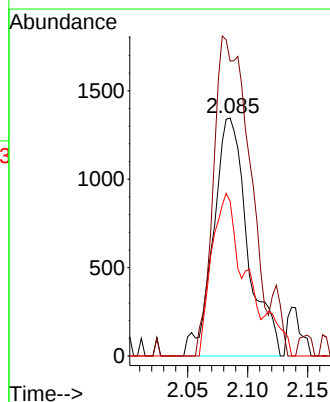
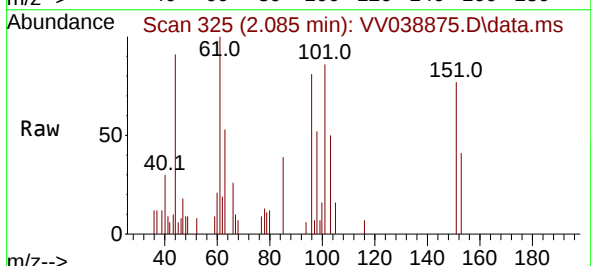
Instrument :
MSVOA_V
ClientSampleId :
MDL05

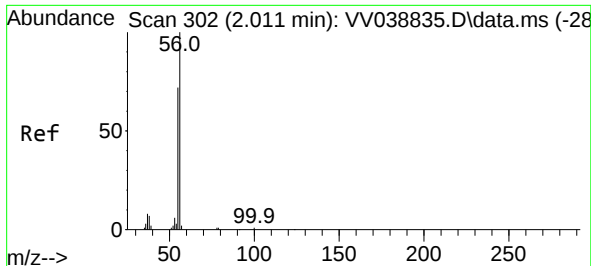
Tgt Ion: 59 Resp: 1795
Ion Ratio Lower Upper
59 100
57 3.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.618 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 96 Resp: 2666
Ion Ratio Lower Upper
96 100
61 123.9 123.5 185.3
98 65.0 52.5 78.7





#13

Acrolein

Concen: 3.221 ug/l m

RT: 2.008 min Scan# 301

Delta R.T. -0.003 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

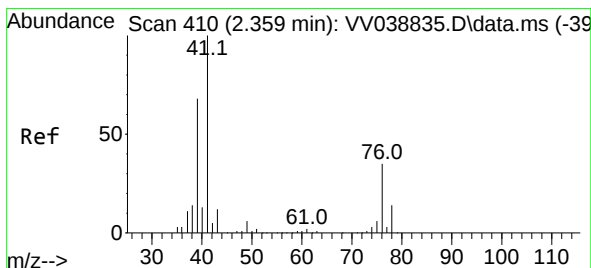
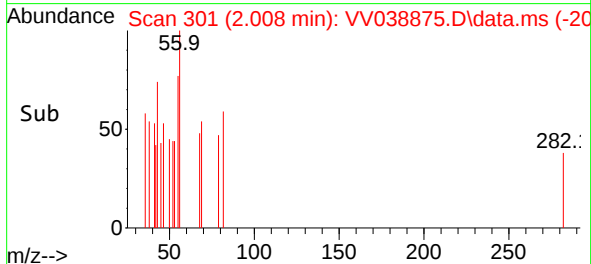
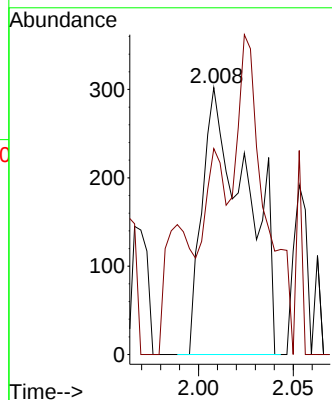
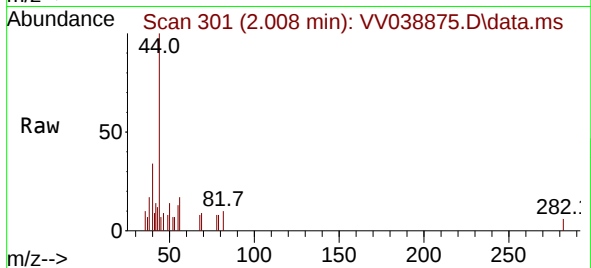
MDL05

Tgt Ion: 56 Resp: 493

Ion Ratio Lower Upper

56 100

55 36.5 53.4 80.2#



#14

Allyl chloride

Concen: 0.586 ug/l m

RT: 2.365 min Scan# 412

Delta R.T. 0.006 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

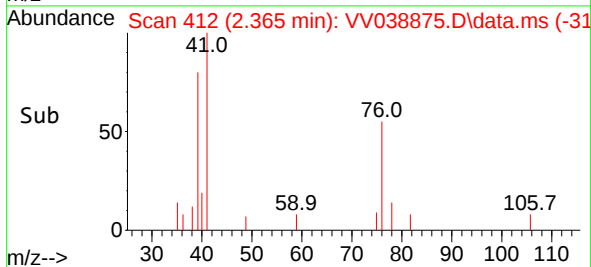
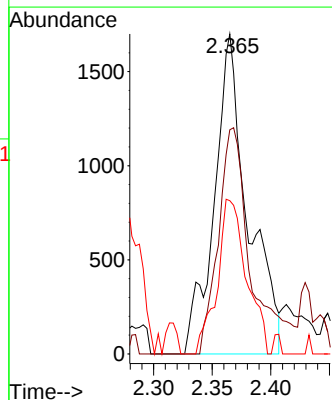
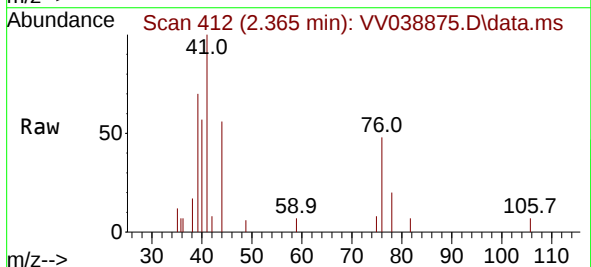
Tgt Ion: 41 Resp: 3400

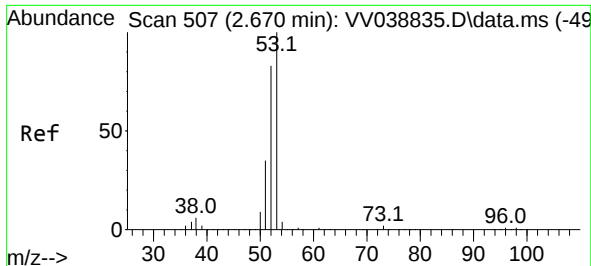
Ion Ratio Lower Upper

41 100

39 68.0 51.0 76.4

76 42.0 33.6 50.4

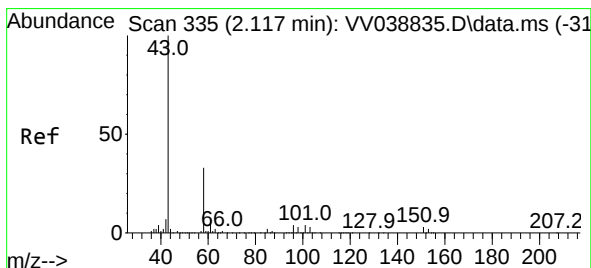
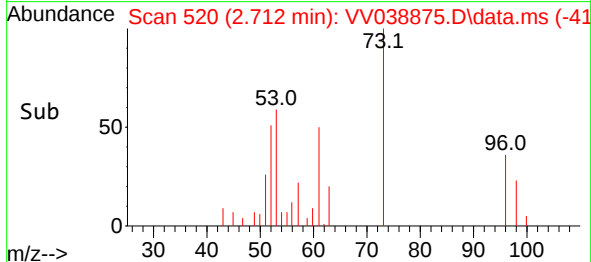
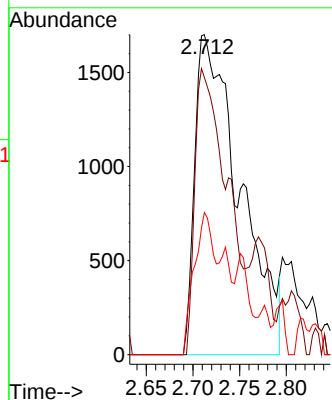
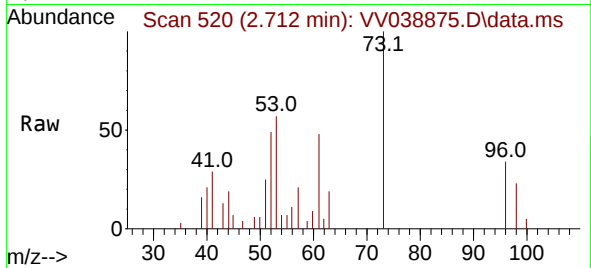




#15
Acrylonitrile
Concen: 2.657 ug/l m
RT: 2.712 min Scan# 51
Delta R.T. 0.042 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

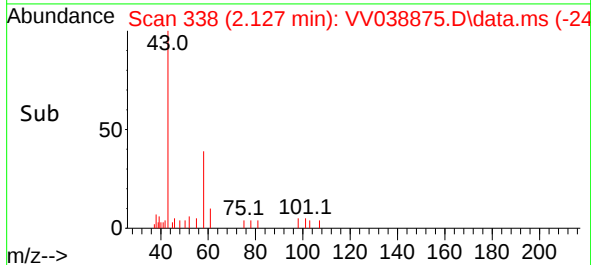
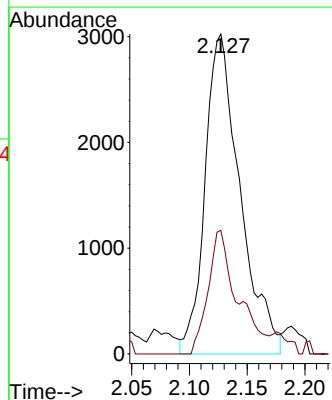
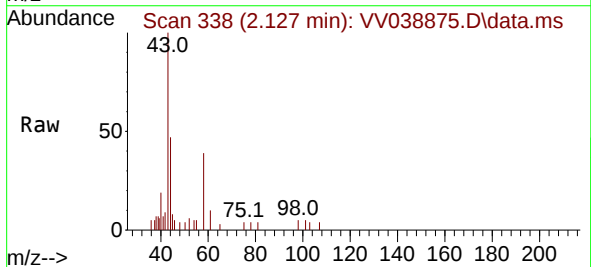
Instrument :
MSVOA_V
ClientSampleId :
MDL05

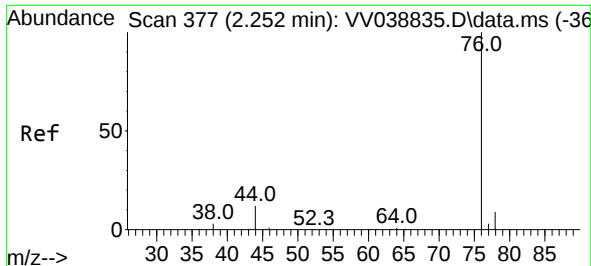
Tgt Ion: 53 Resp: 5697
Ion Ratio Lower Upper
53 100
52 62.9 65.8 98.6#
51 19.6 28.5 42.7#



#16
Acetone
Concen: 4.084 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 43 Resp: 6391
Ion Ratio Lower Upper
43 100
58 40.4 27.0 40.4

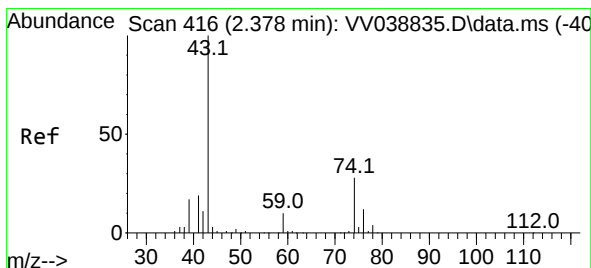
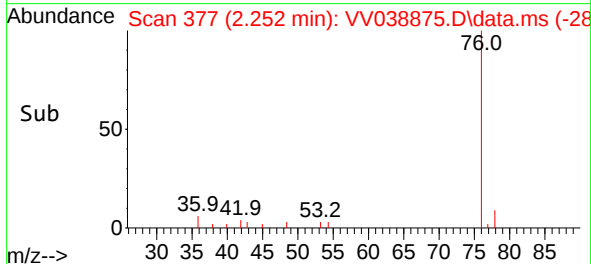
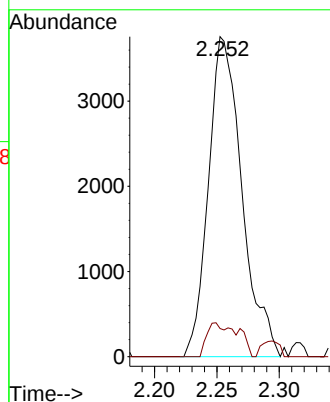
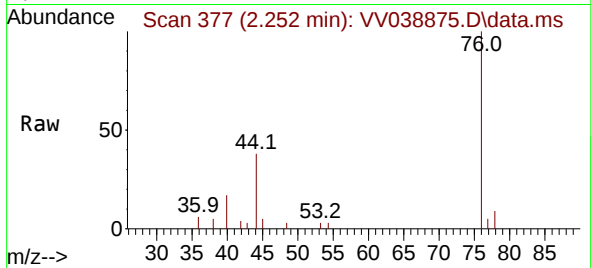




#17
Carbon Disulfide
Concen: 0.702 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

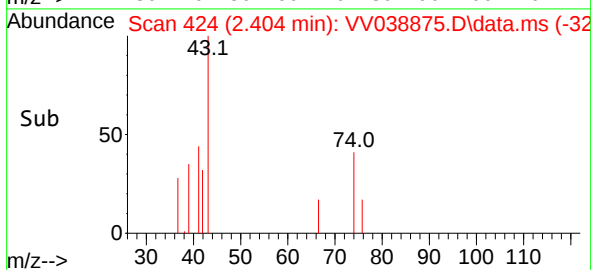
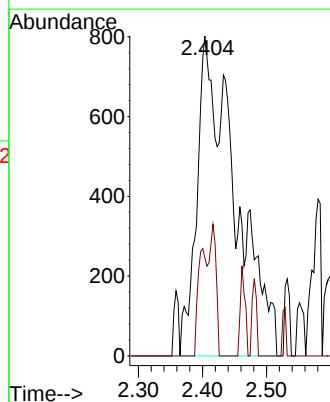
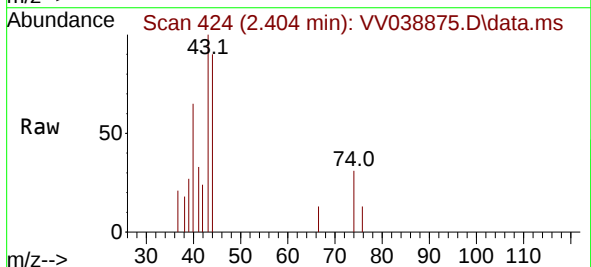
Instrument :
MSVOA_V
ClientSampleId :
MDL05

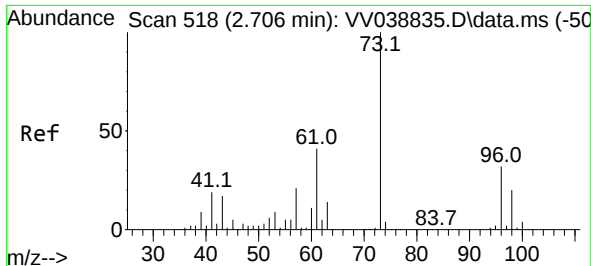
Tgt Ion: 76 Resp: 7018
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 0.623 ug/l m
RT: 2.404 min Scan# 424
Delta R.T. 0.026 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
74 7.8 21.4 32.0#





#19

Methyl tert-butyl Ether

Concen: 0.486 ug/l

RT: 2.712 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

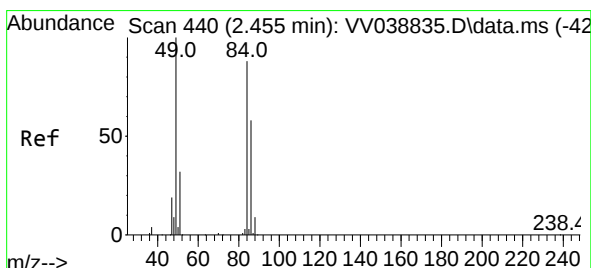
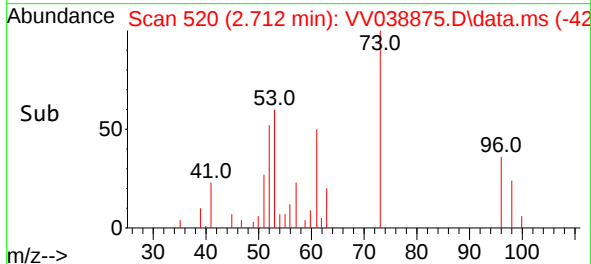
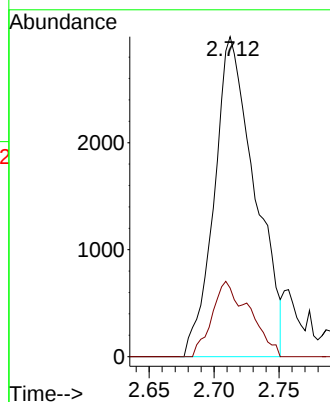
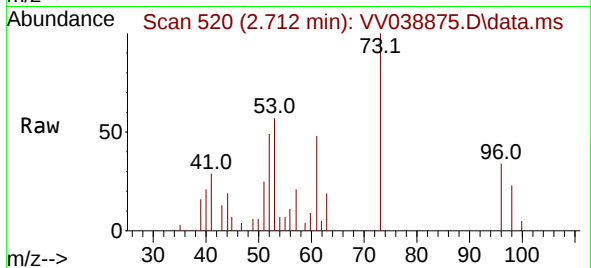
MDL05

Tgt Ion: 73 Resp: 6486

Ion Ratio Lower Upper

73 100

57 21.5 17.0 25.4



#20

Methylene Chloride

Concen: 1.006 ug/l

RT: 2.465 min Scan# 443

Delta R.T. 0.010 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Tgt Ion: 84 Resp: 5203

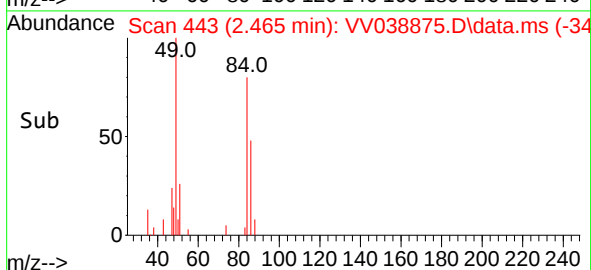
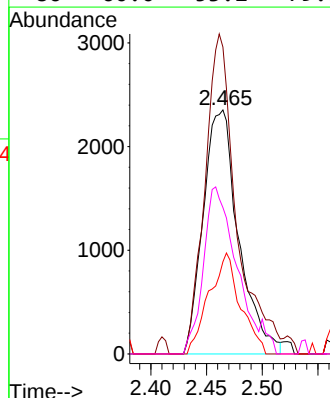
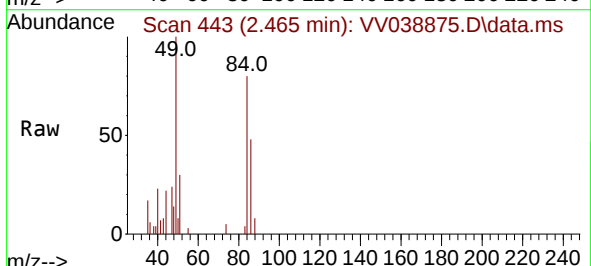
Ion Ratio Lower Upper

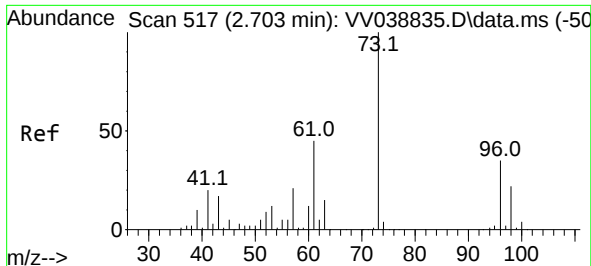
84 100

49 125.8 91.0 136.4

51 37.7 29.4 44.2

86 60.0 53.2 79.8

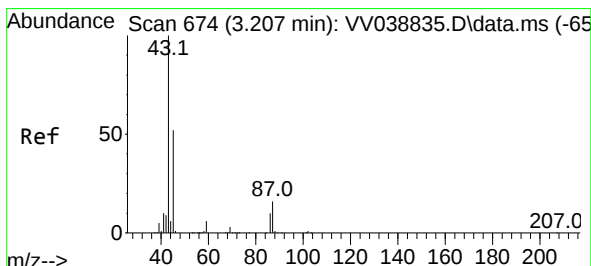
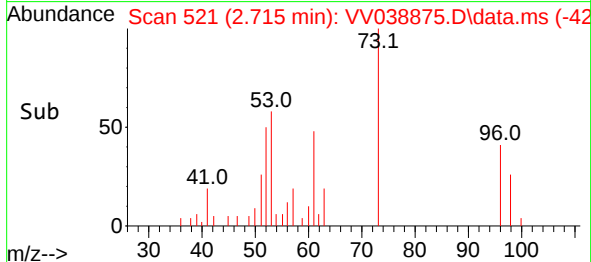
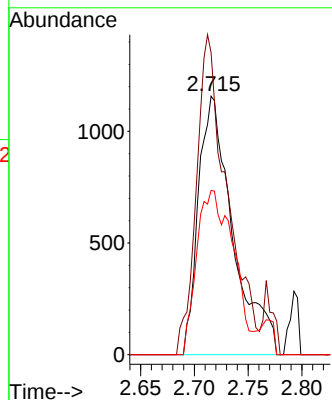
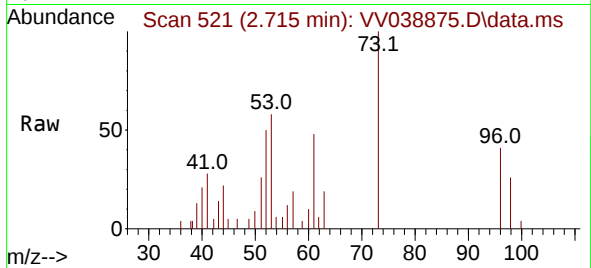




#21
trans-1,2-Dichloroethene
Concen: 0.598 ug/l
RT: 2.715 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

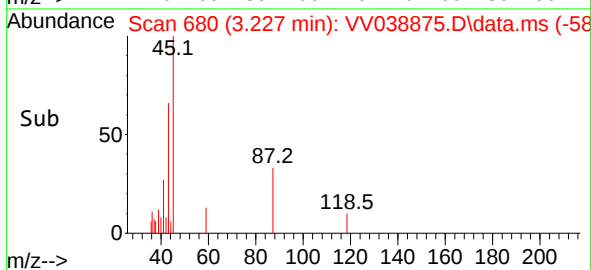
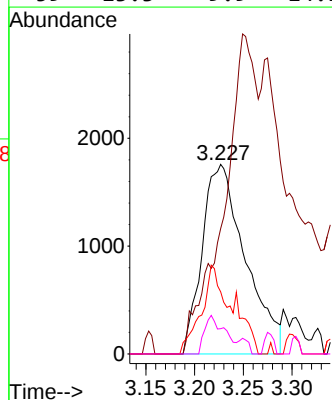
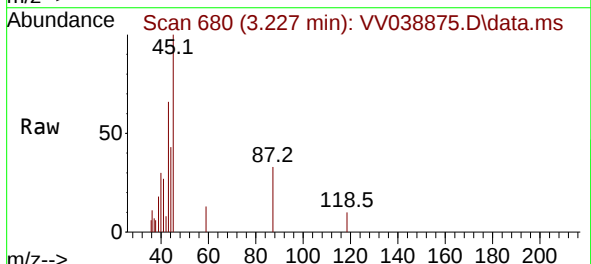
Instrument :
MSVOA_V
ClientSampleId :
MDL05

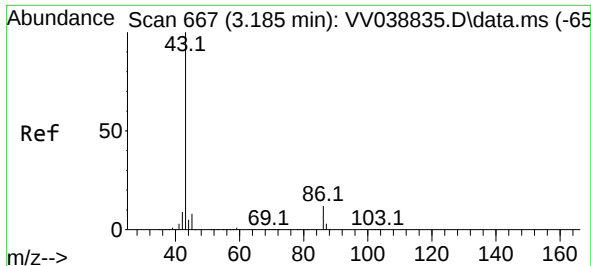
Tgt Ion: 96 Resp: 2582
Ion Ratio Lower Upper
96 100
61 116.9 102.8 154.2
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 0.454 ug/l
RT: 3.227 min Scan# 680
Delta R.T. 0.019 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 45 Resp: 5403
Ion Ratio Lower Upper
45 100
43 66.2 153.1 229.7#
87 32.8 25.2 37.8
59 13.3 9.9 14.9

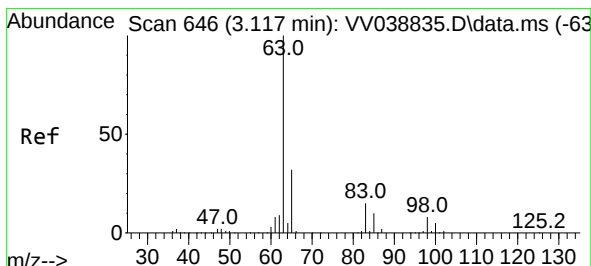
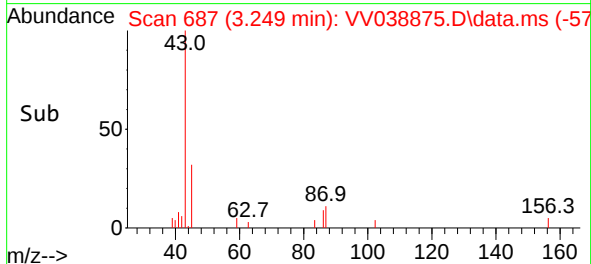
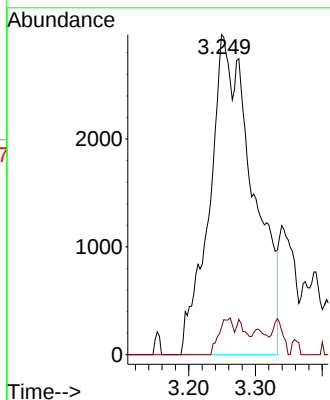
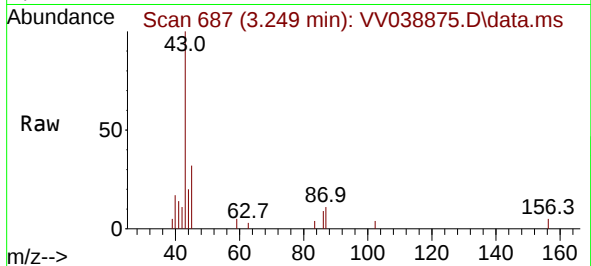




#23
 Vinyl Acetate
 Concen: 1.569 ug/l m
 RT: 3.249 min Scan# 61
 Delta R.T. 0.064 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

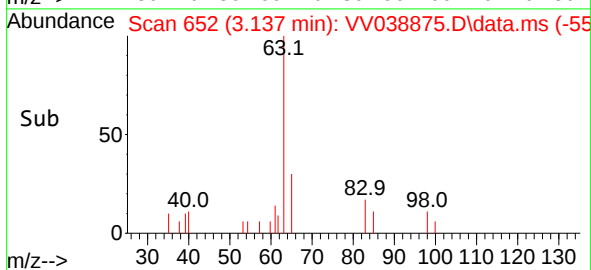
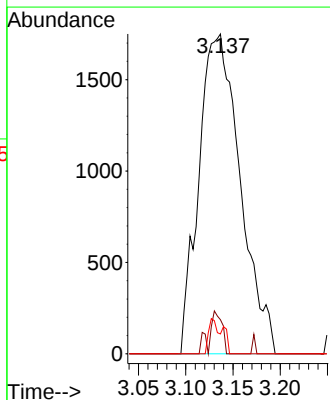
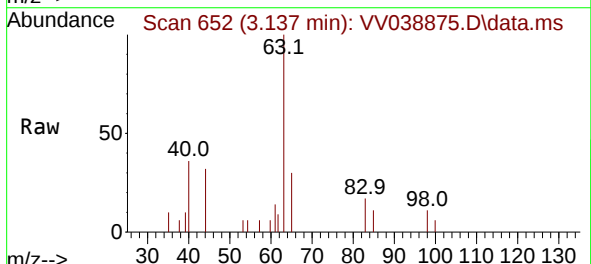
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

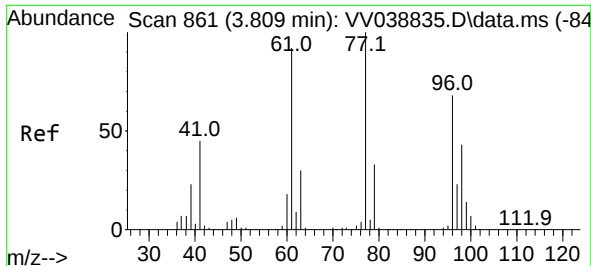
Tgt Ion: 43 Resp: 13464
 Ion Ratio Lower Upper
 43 100
 86 8.6 9.9 14.9#



#24
 1,1-Dichloroethane
 Concen: 0.664 ug/l
 RT: 3.137 min Scan# 652
 Delta R.T. 0.019 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion: 63 Resp: 5325
 Ion Ratio Lower Upper
 63 100
 98 10.7 4.1 12.3
 100 6.2 2.4 7.2

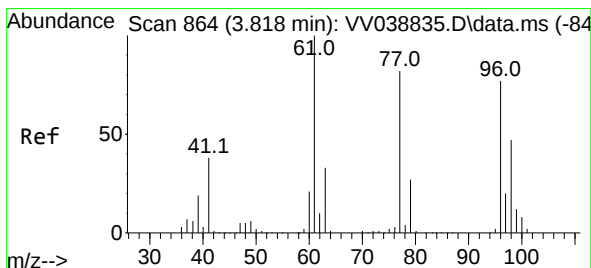
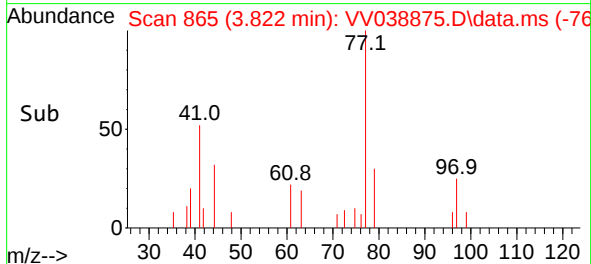
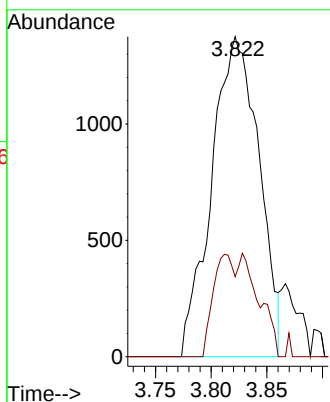
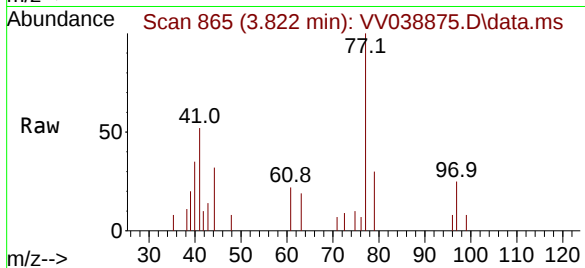




#26
2,2-Dichloropropane
Concen: 0.547 ug/l
RT: 3.822 min Scan# 80
Delta R.T. 0.013 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

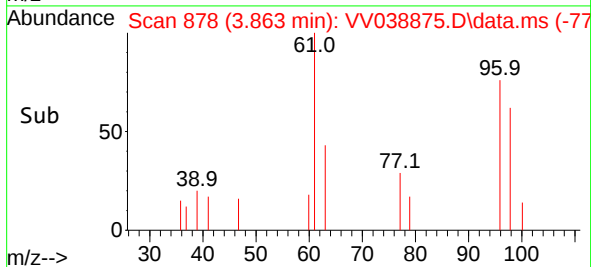
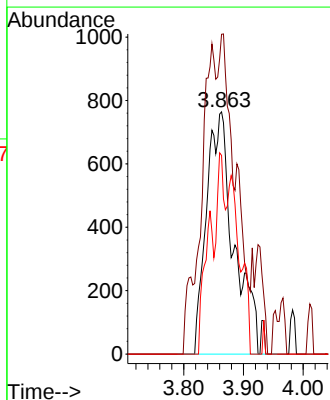
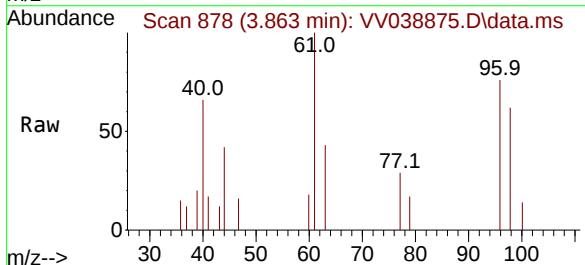
Instrument :
MSVOA_V
ClientSampleId :
MDL05

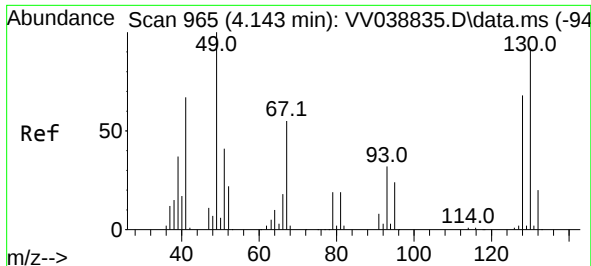
Tgt Ion: 77 Resp: 4069
Ion Ratio Lower Upper
77 100
97 14.3 11.5 34.4



#27
cis-1,2-Dichloroethene
Concen: 0.492 ug/l m
RT: 3.863 min Scan# 878
Delta R.T. 0.045 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 96 Resp: 2476
Ion Ratio Lower Upper
96 100
61 41.0 0.0 268.4
98 19.8 0.0 128.0

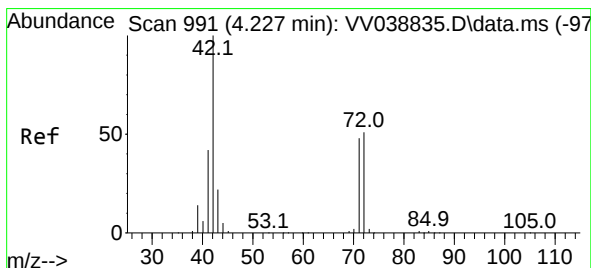
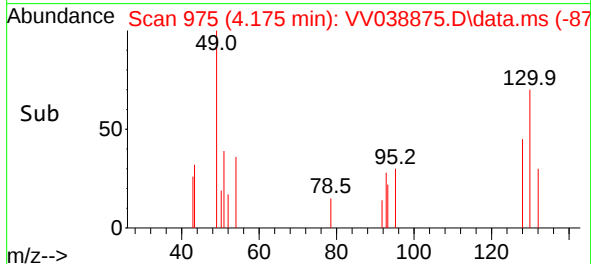
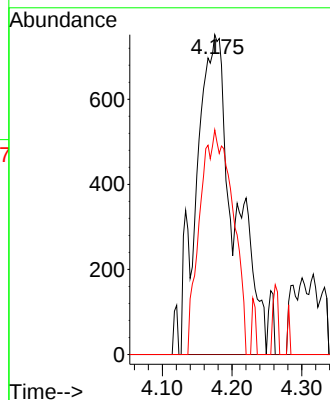
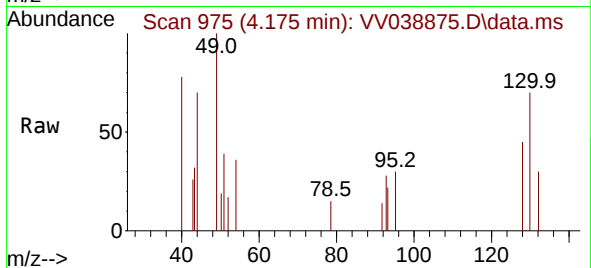




#28
Bromochloromethane
Concen: 0.850 ug/l m
RT: 4.175 min Scan# 91
Delta R.T. 0.032 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

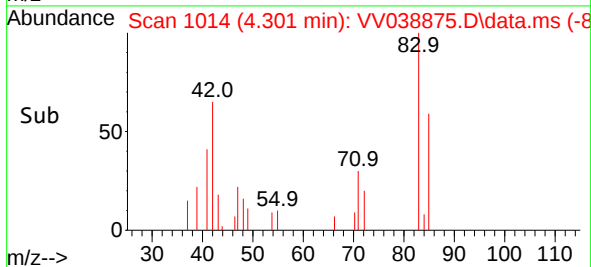
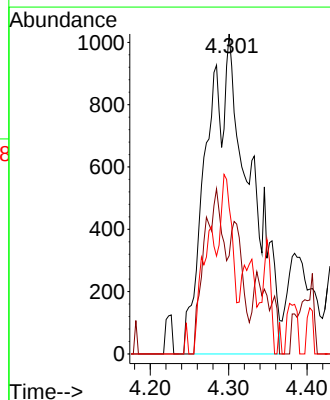
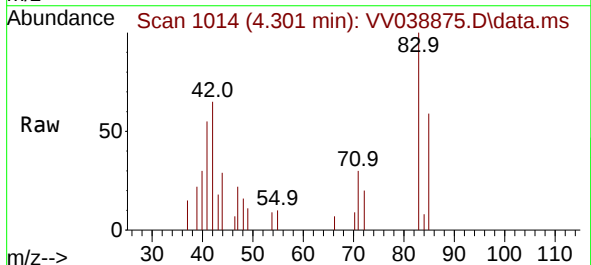
Instrument :
MSVOA_V
ClientSampleId :
MDL05

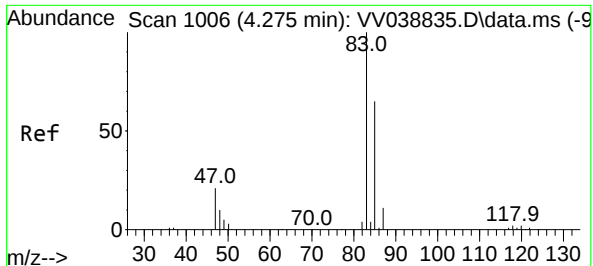
Tgt Ion: 49 Resp: 2915
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 72.5 108.7#



#29
Tetrahydrofuran
Concen: 2.517 ug/l m
RT: 4.301 min Scan# 1014
Delta R.T. 0.074 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 42 Resp: 3946
Ion Ratio Lower Upper
42 100
72 0.0 41.3 61.9#
71 0.0 39.2 58.8#





#30

Chloroform

Concen: 0.568 ug/l

RT: 4.301 min Scan# 1105

Delta R.T. 0.026 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

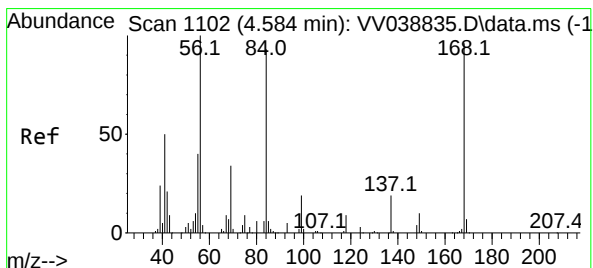
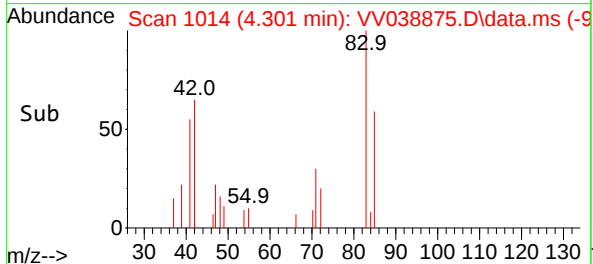
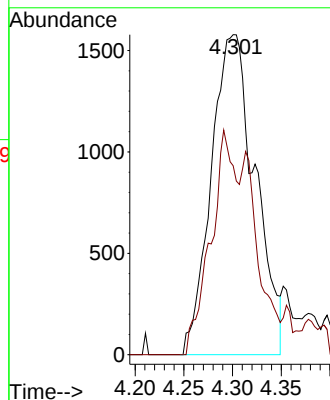
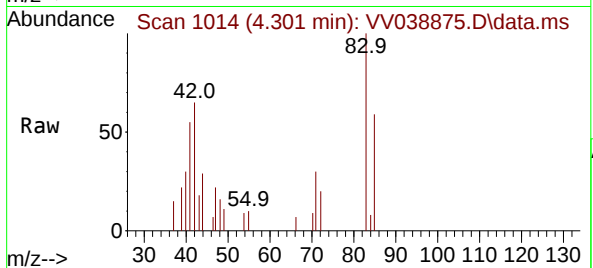
MDL05

Tgt Ion: 83 Resp: 4964

Ion Ratio Lower Upper

83 100

85 59.1 51.8 77.6



#31

Cyclohexane

Concen: 1.822 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

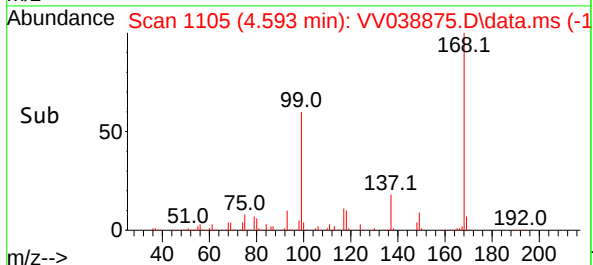
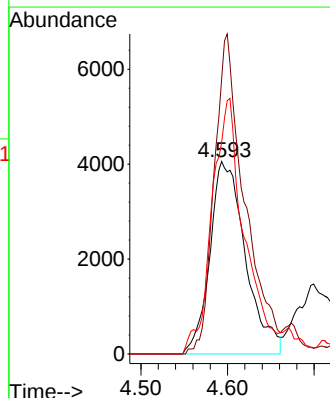
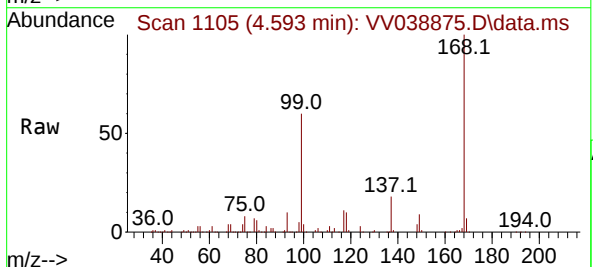
Tgt Ion: 56 Resp: 11576

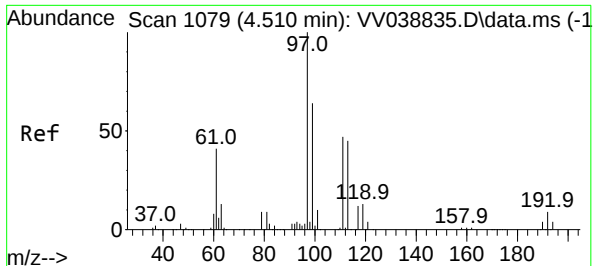
Ion Ratio Lower Upper

56 100

69 142.9 27.0 40.4#

84 109.7 74.4 111.6





#32

1,1,1-Trichloroethane

Concen: 0.578 ug/l

RT: 4.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

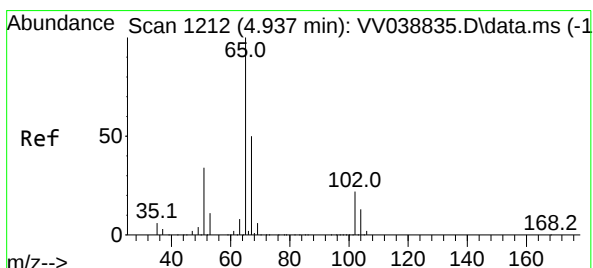
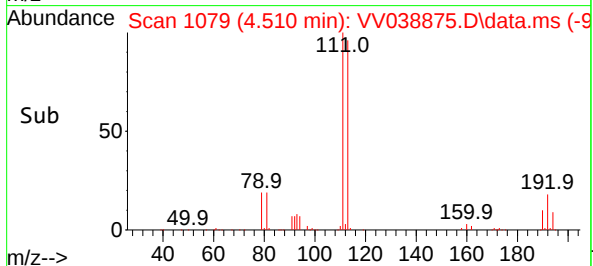
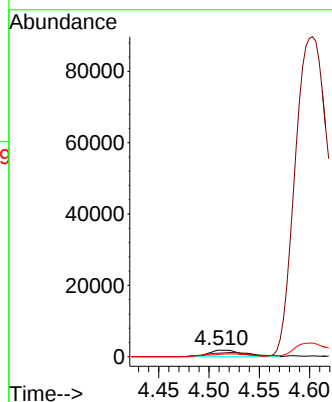
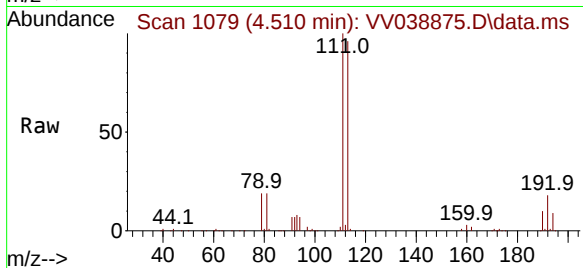
Tgt Ion: 97 Resp: 4689

Ion Ratio Lower Upper

97 100

99 0.0 48.8 73.2#

61 45.2 31.8 47.8



#33

1,2-Dichloroethane-d4

Concen: 56.786 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV038875.D

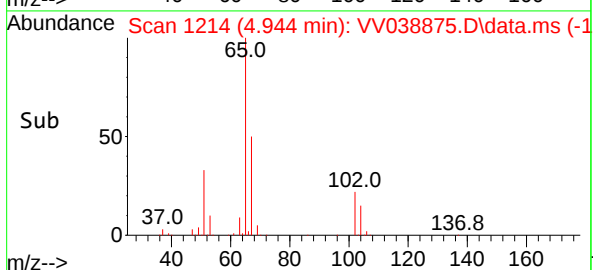
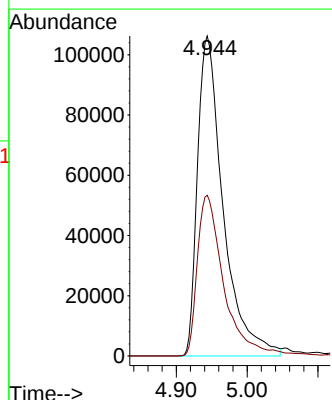
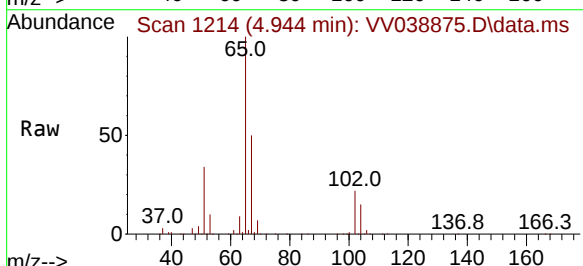
Acq: 07 Jul 2025 17:13

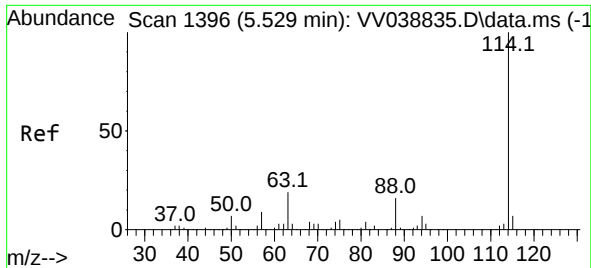
Tgt Ion: 65 Resp: 266687

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

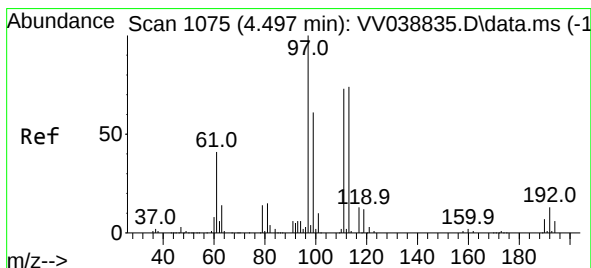
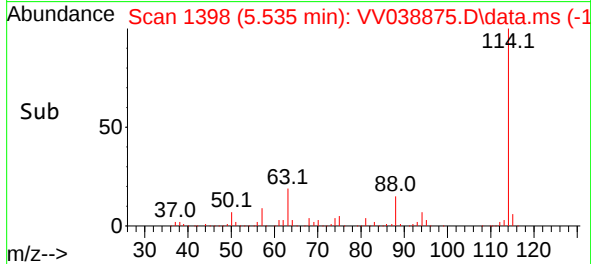
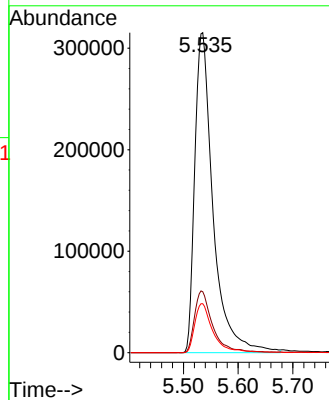
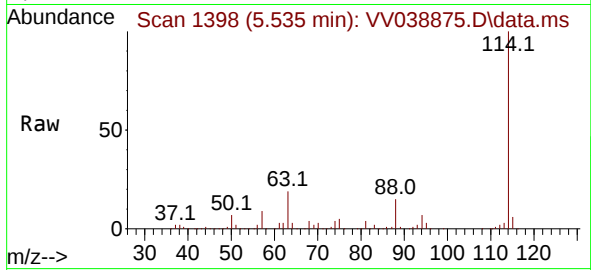
Tgt Ion:114 Resp: 732929

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 52.122 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

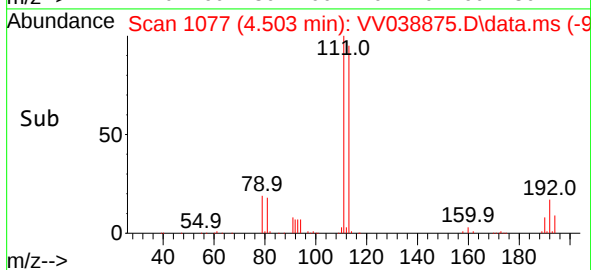
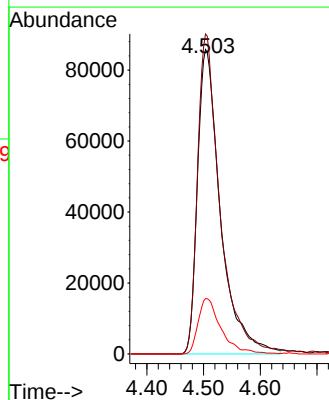
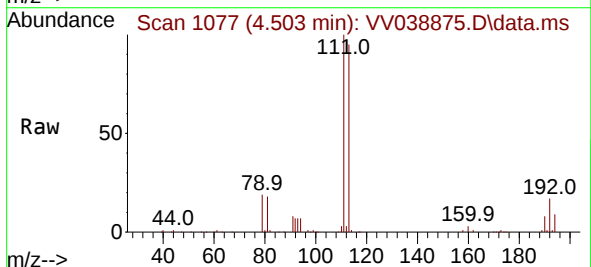
Tgt Ion:113 Resp: 241979

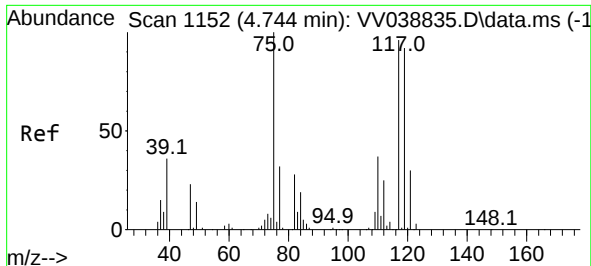
Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

192 18.1 14.7 22.1





#36

1,1-Dichloropropene

Concen: 0.688 ug/l m

RT: 4.773 min Scan# 1161

Delta R.T. 0.029 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

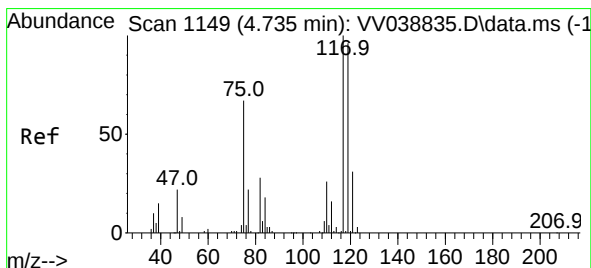
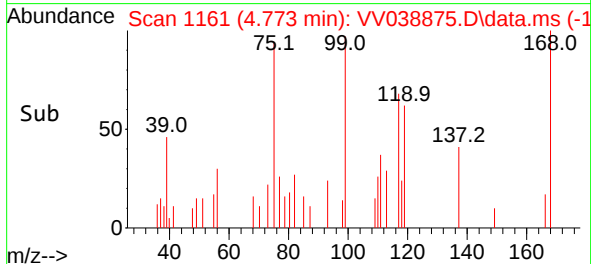
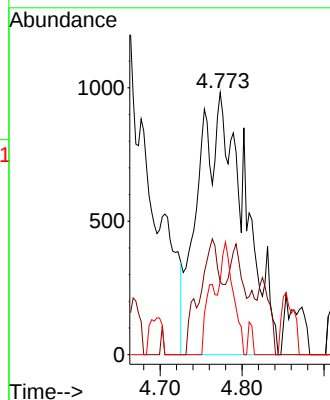
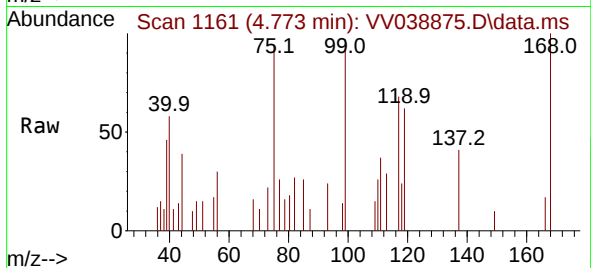
Tgt Ion: 75 Resp: 3878

Ion Ratio Lower Upper

75 100

110 34.7 19.3 57.9

77 3.2 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 0.799 ug/l m

RT: 4.748 min Scan# 1153

Delta R.T. 0.013 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

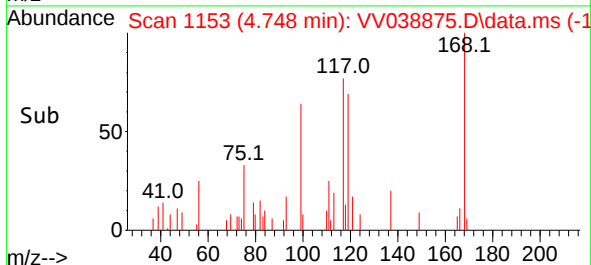
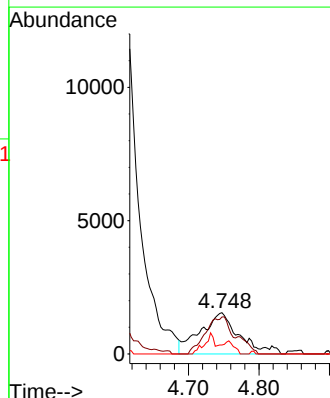
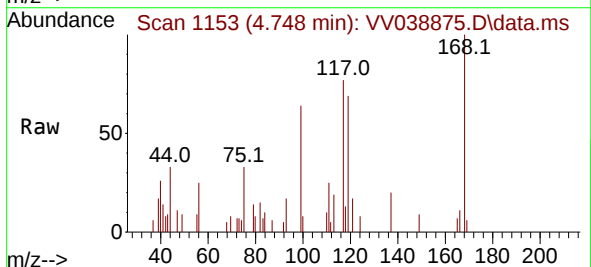
Tgt Ion: 117 Resp: 5921

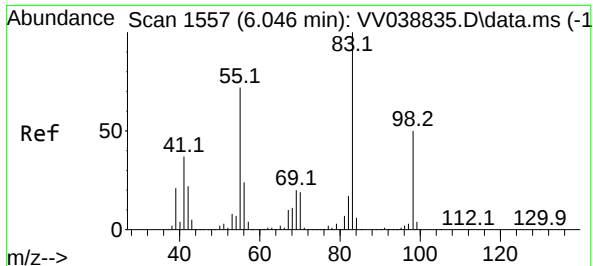
Ion Ratio Lower Upper

117 100

119 89.8 76.5 114.7

121 21.7 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.527 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

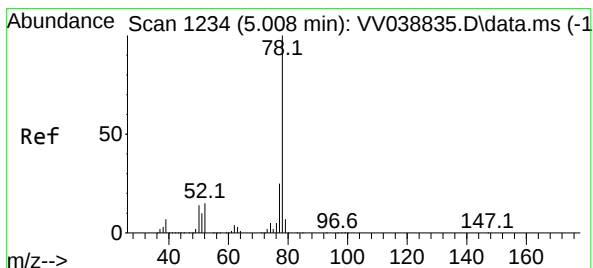
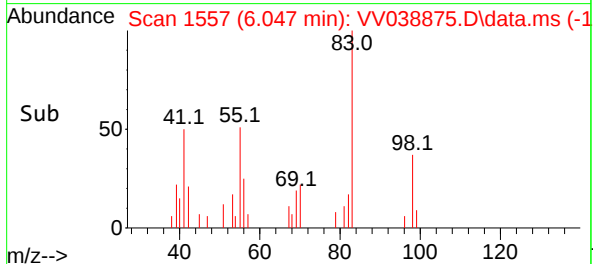
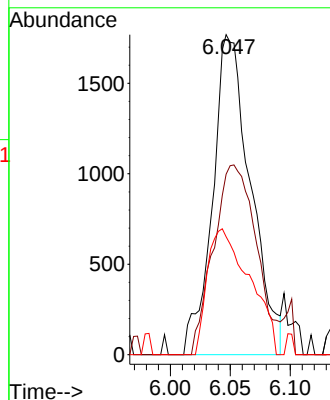
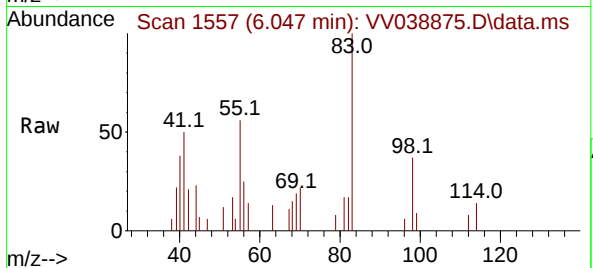
Tgt Ion: 83 Resp: 3881

Ion Ratio Lower Upper

83 100

55 56.4 57.7 86.5#

98 36.9 40.2 60.2#



#40

Benzene

Concen: 0.471 ug/l

RT: 5.040 min Scan# 1244

Delta R.T. 0.032 min

Lab File: VV038875.D

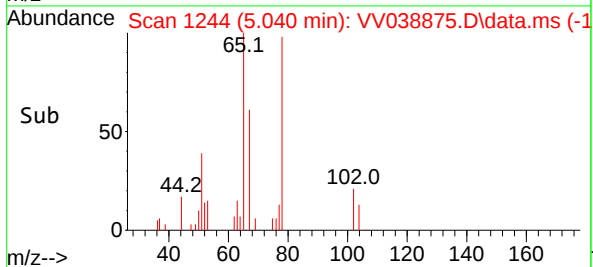
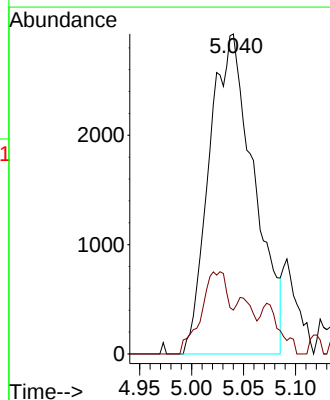
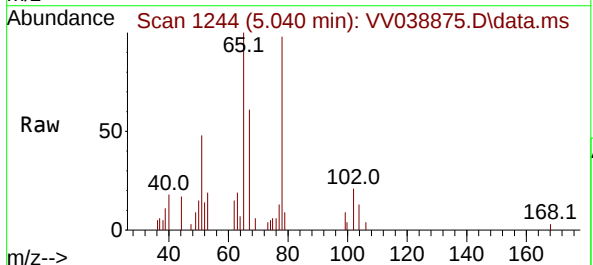
Acq: 07 Jul 2025 17:13

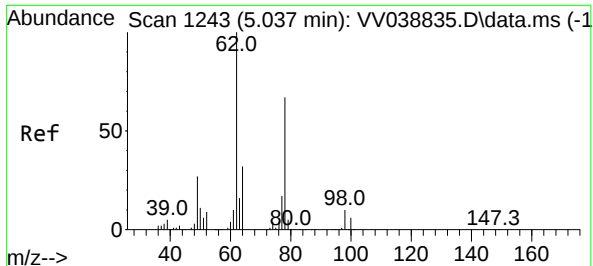
Tgt Ion: 78 Resp: 8762

Ion Ratio Lower Upper

78 100

77 13.7 19.6 29.4#





#42

1,2-Dichloroethane

Concen: 0.691 ug/l m

RT: 5.072 min Scan# 1

Delta R.T. 0.035 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

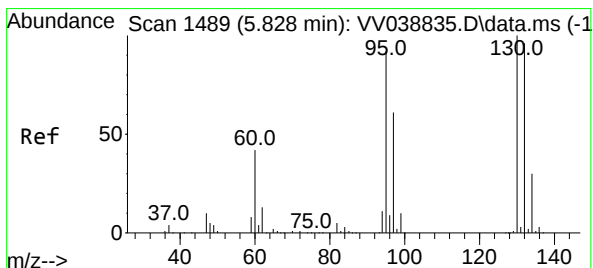
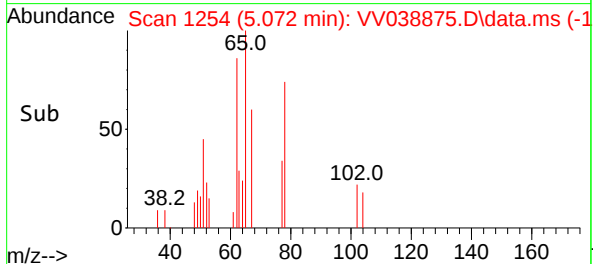
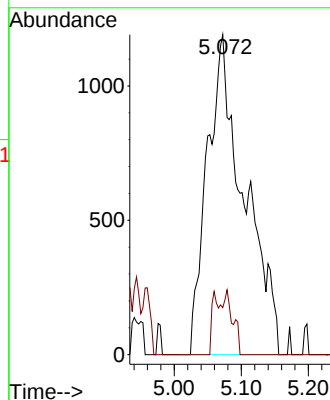
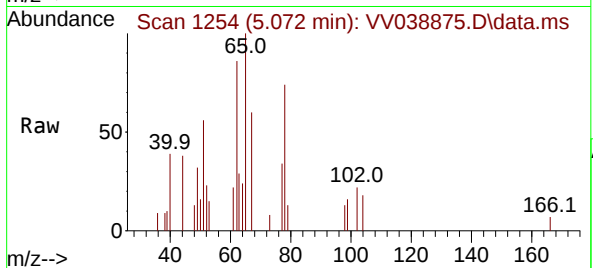
MDL05

Tgt Ion: 62 Resp: 4551

Ion Ratio Lower Upper

62 100

98 3.3 0.0 19.0



#44

Trichloroethene

Concen: 0.541 ug/l

RT: 5.863 min Scan# 1500

Delta R.T. 0.035 min

Lab File: VV038875.D

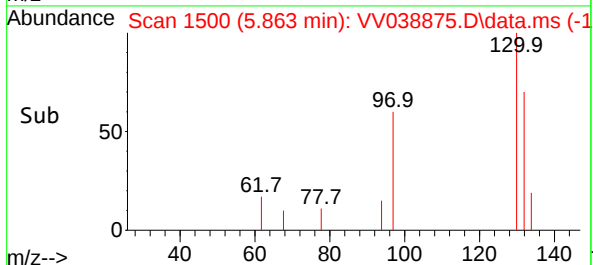
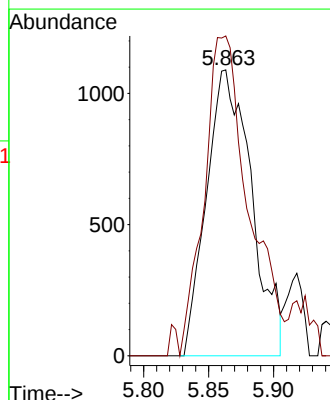
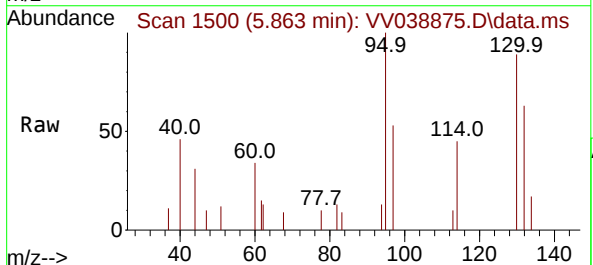
Acq: 07 Jul 2025 17:13

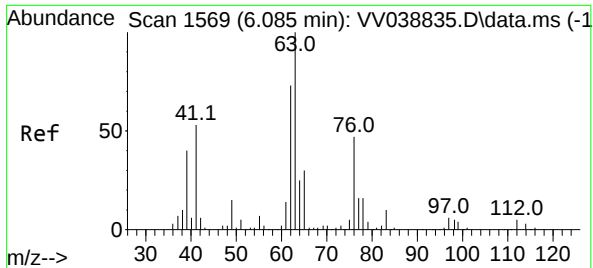
Tgt Ion: 130 Resp: 2626

Ion Ratio Lower Upper

130 100

95 111.8 0.0 184.4

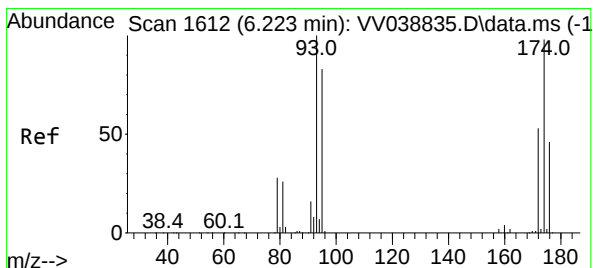
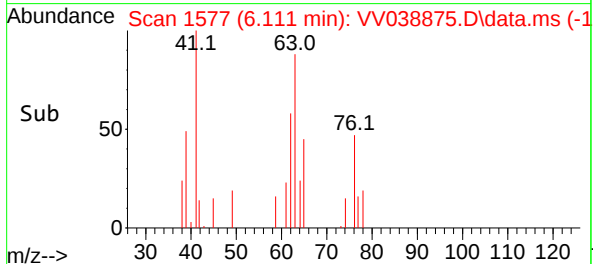
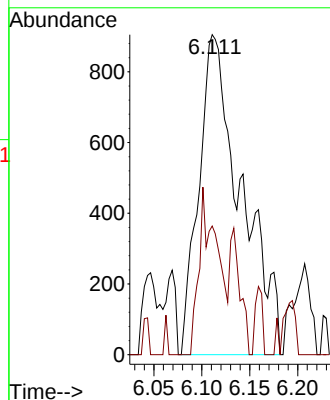
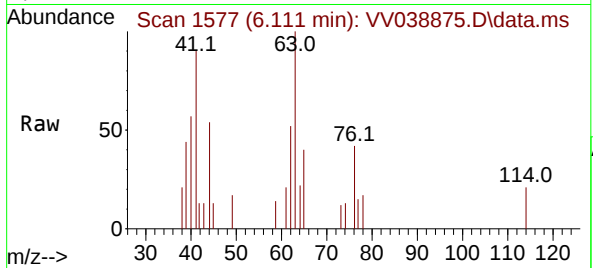




#45
1,2-Dichloropropane
Concen: 0.595 ug/l m
RT: 6.111 min Scan# 1577
Delta R.T. 0.026 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

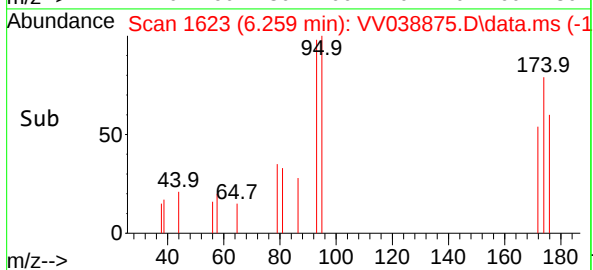
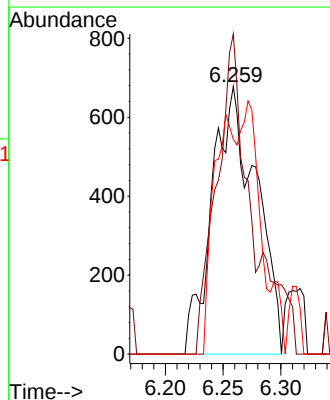
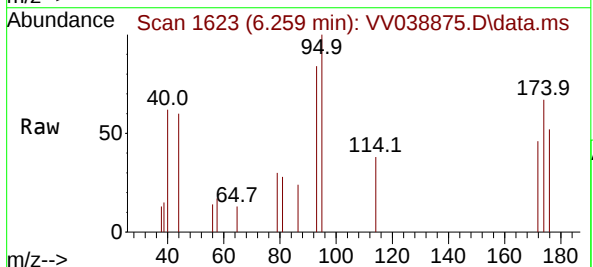
Instrument :
MSVOA_V
ClientSampleId :
MDL05

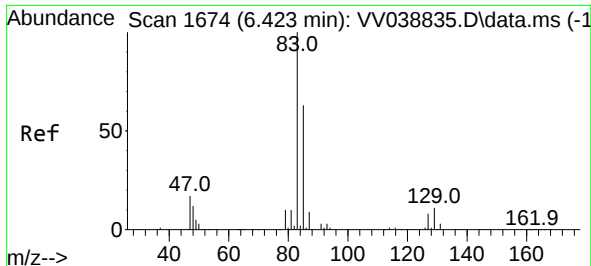
Tgt Ion: 63 Resp: 2782
Ion Ratio Lower Upper
63 100
65 40.2 24.3 36.5#



#46
Dibromomethane
Concen: 0.489 ug/l m
RT: 6.259 min Scan# 1623
Delta R.T. 0.035 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 93 Resp: 1801
Ion Ratio Lower Upper
93 100
95 0.0 66.7 100.1#
174 46.6 78.7 118.1#





#47

Bromodichloromethane

Concen: 0.533 ug/l

RT: 6.452 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

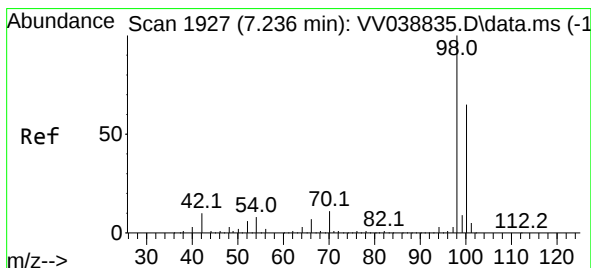
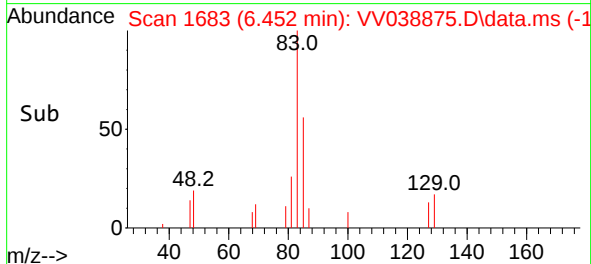
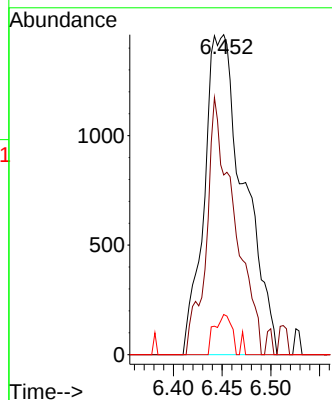
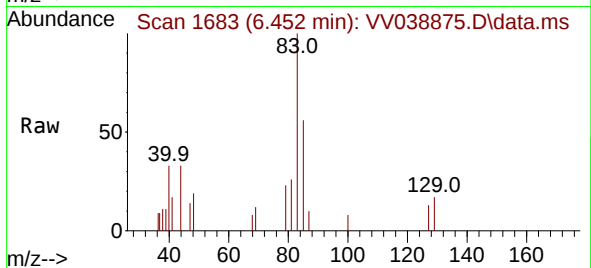
Tgt Ion: 83 Resp: 4160

Ion Ratio Lower Upper

83 100

85 56.1 50.1 75.1

127 12.5 6.6 10.0#



#50

Toluene-d8

Concen: 45.291 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038875.D

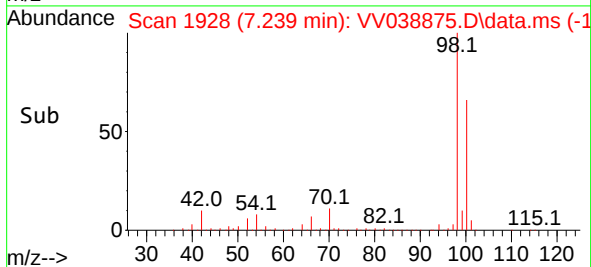
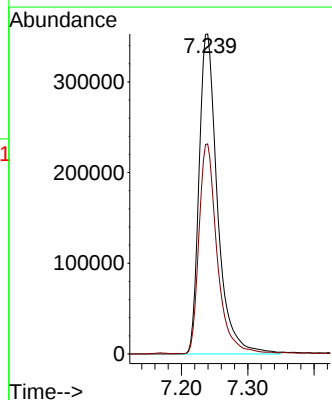
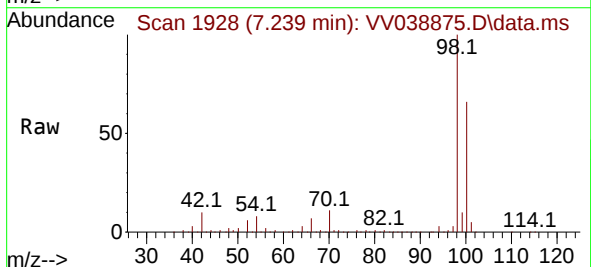
Acq: 07 Jul 2025 17:13

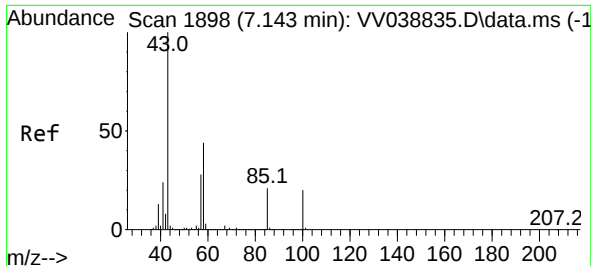
Tgt Ion: 98 Resp: 680285

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4

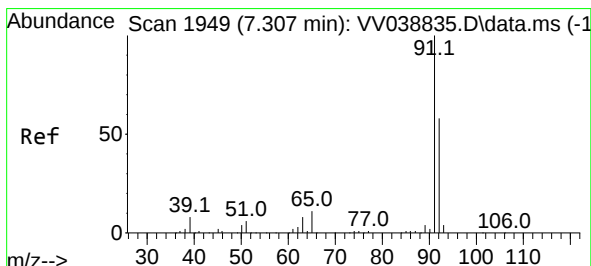
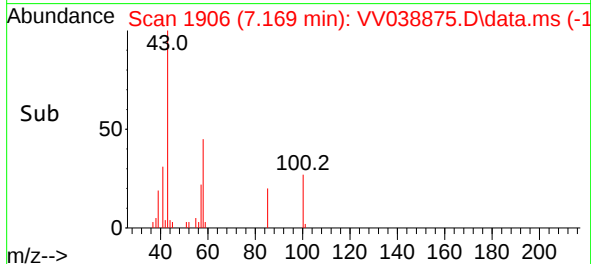
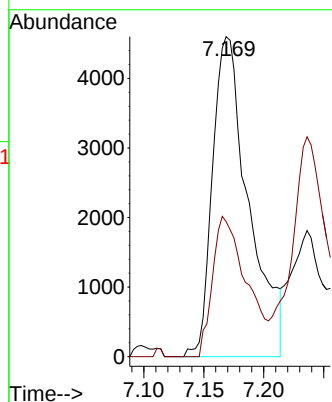
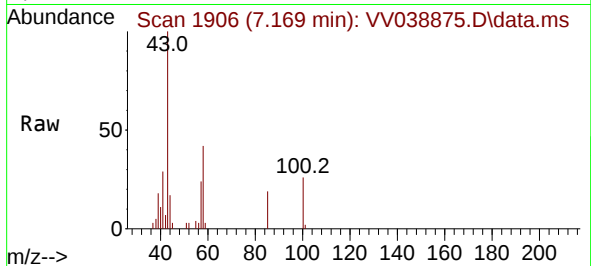




#51
4-Methyl-2-Pentanone
Concen: 1.660 ug/l
RT: 7.169 min Scan# 1906
Delta R.T. 0.026 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

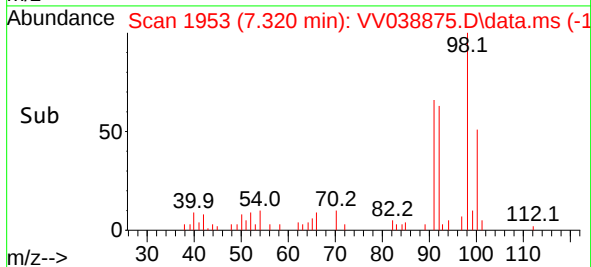
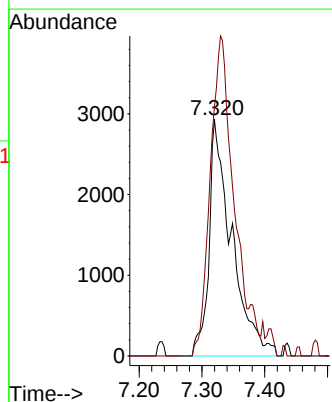
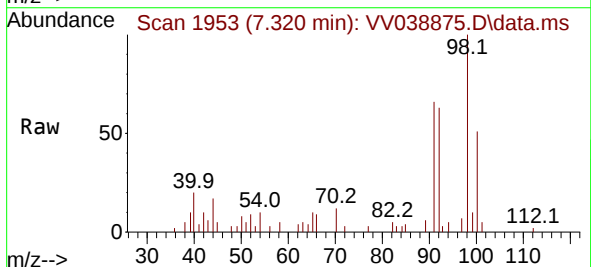
Instrument :
MSVOA_V
ClientSampleId :
MDL05

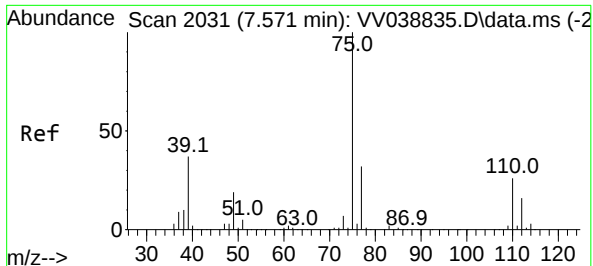
Tgt Ion: 43 Resp: 9609
Ion Ratio Lower Upper
43 100
58 41.5 34.4 51.6



#52
Toluene
Concen: 0.631 ug/l m
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 92 Resp: 7328
Ion Ratio Lower Upper
92 100
91 136.0 138.5 207.7#





#53

t-1,3-Dichloropropene

Concen: 0.427 ug/l m

RT: 7.616 min Scan# 2031

Delta R.T. 0.045 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

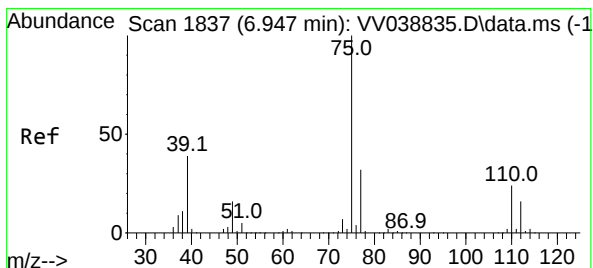
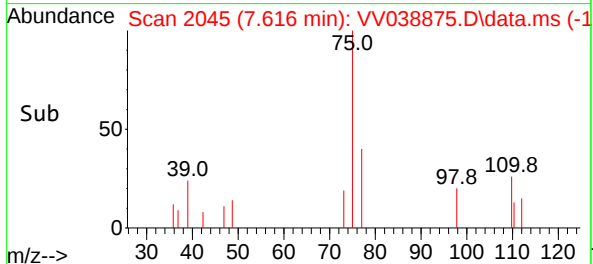
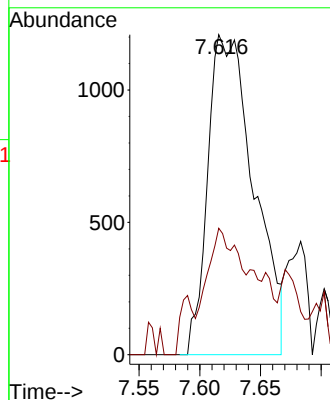
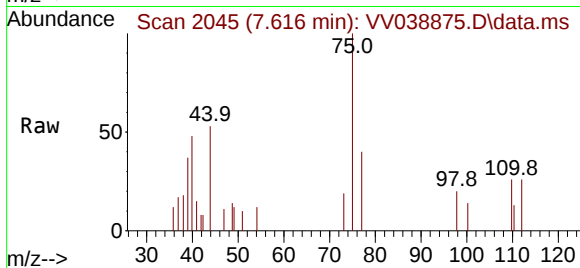
MDL05

Tgt Ion: 75 Resp: 3190

Ion Ratio Lower Upper

75 100

77 39.5 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 0.489 ug/l m

RT: 6.982 min Scan# 1848

Delta R.T. 0.035 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

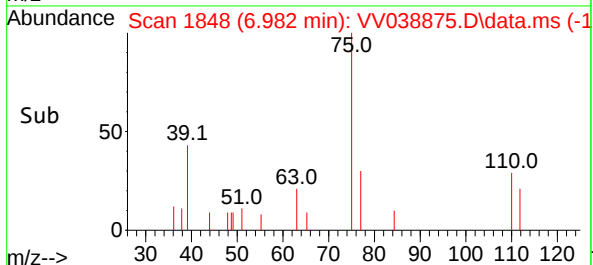
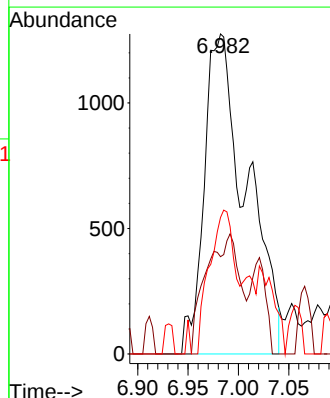
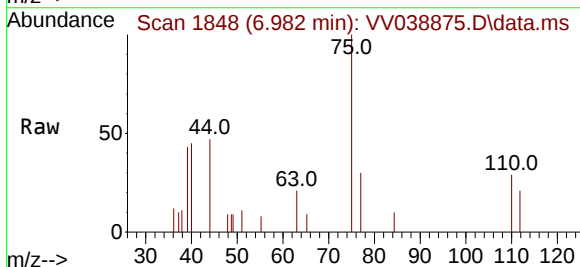
Tgt Ion: 75 Resp: 3733

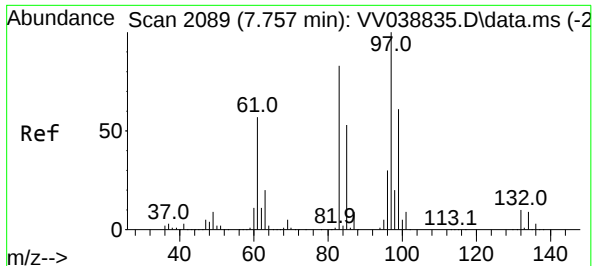
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

39 42.7 31.3 46.9

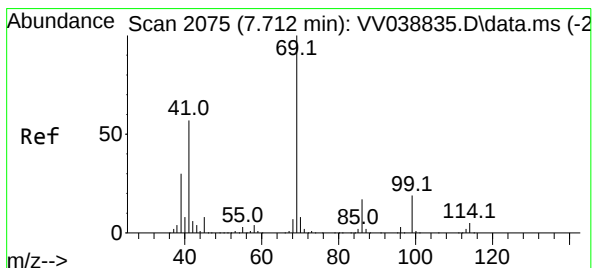
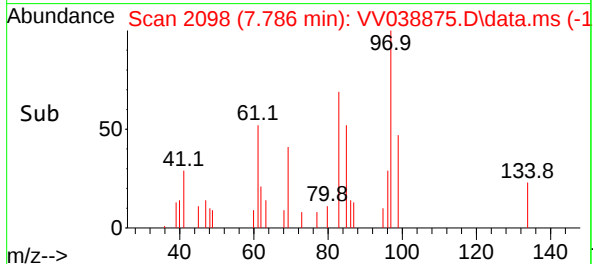
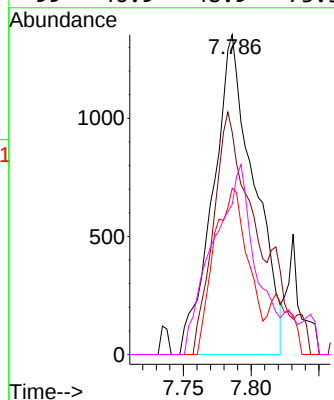
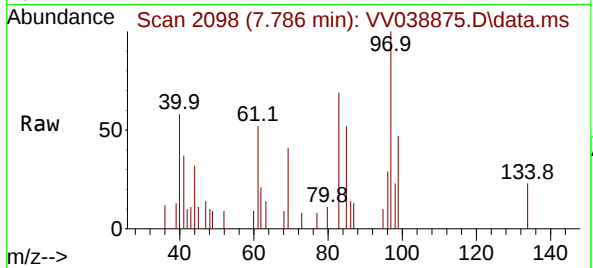




#55
 1,1,2-Trichloroethane
 Concen: 0.561 ug/l
 RT: 7.786 min Scan# 2089
 Delta R.T. 0.029 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

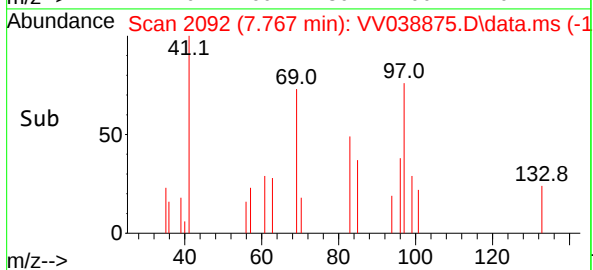
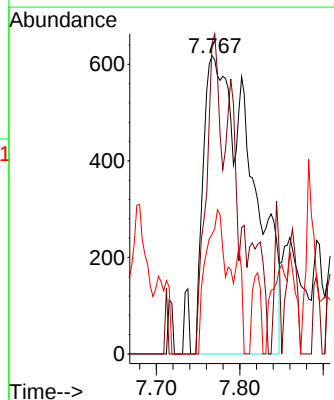
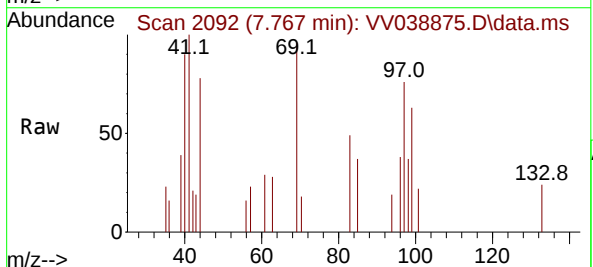
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

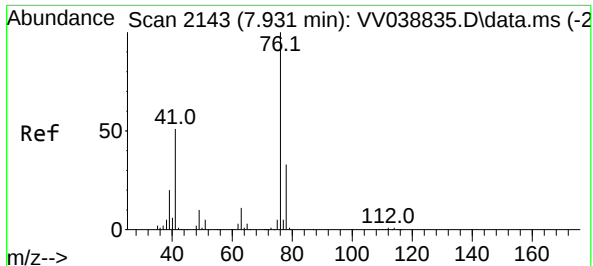
Tgt Ion: 97	Resp: 2853
Ion Ratio	Lower Upper
97 100	
83 69.5	66.2 99.4
85 52.0	42.2 63.4
99 46.9	48.9 73.3#



#56
 Ethyl methacrylate
 Concen: 0.380 ug/l m
 RT: 7.767 min Scan# 2092
 Delta R.T. 0.055 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion: 69	Resp: 2539
Ion Ratio	Lower Upper
69 100	
41 0.0	46.1 69.1#
39 0.0	24.1 36.1#

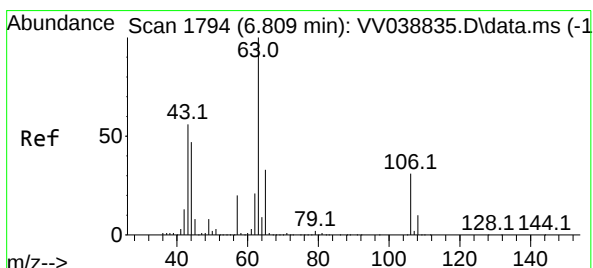
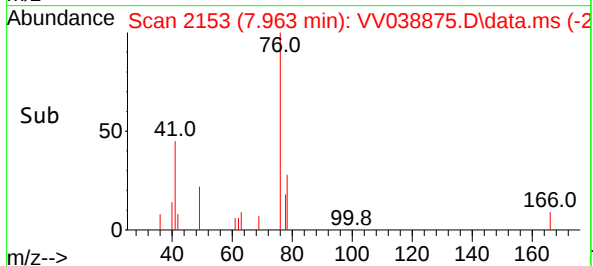
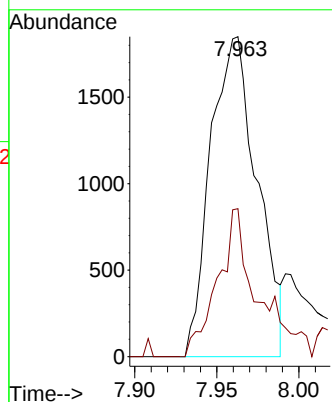
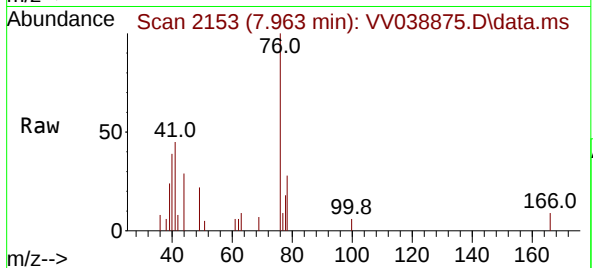




#57
1,3-Dichloropropane
Concen: 0.456 ug/l
RT: 7.963 min Scan# 2143
Delta R.T. 0.032 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

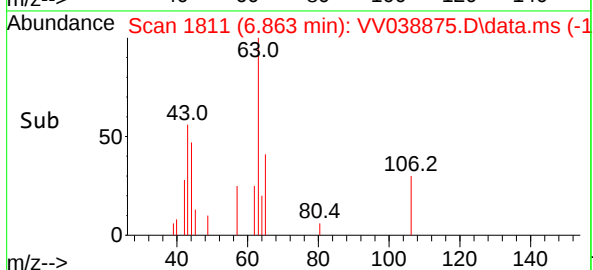
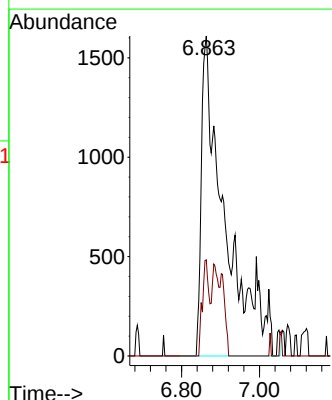
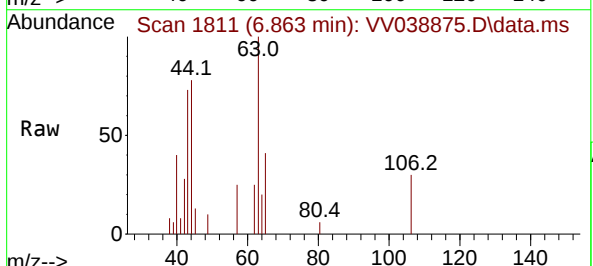
Instrument :
MSVOA_V
ClientSampleId :
MDL05

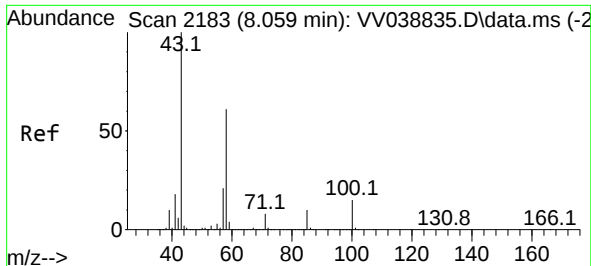
Tgt Ion: 76 Resp: 3648
Ion Ratio Lower Upper
76 100
78 39.8 26.2 39.2#



#58
2-Chloroethyl Vinyl ether
Concen: 2.226 ug/l m
RT: 6.863 min Scan# 1811
Delta R.T. 0.055 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 63 Resp: 6758
Ion Ratio Lower Upper
63 100
106 0.7 24.6 37.0#





#59

2-Hexanone

Concen: 1.279 ug/l m

RT: 8.117 min Scan# 21

Delta R.T. 0.058 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

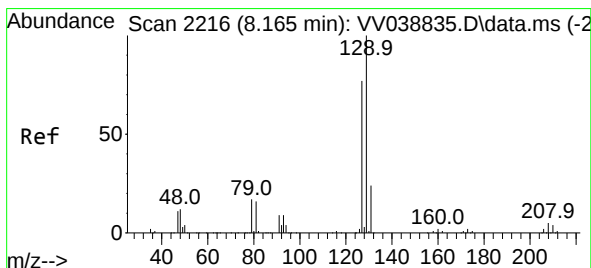
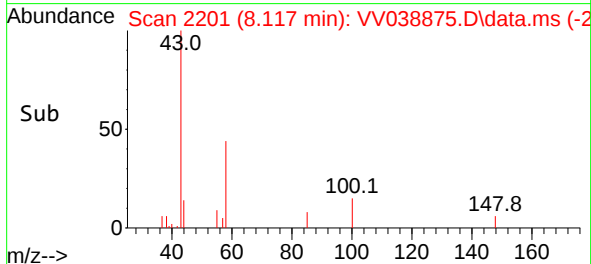
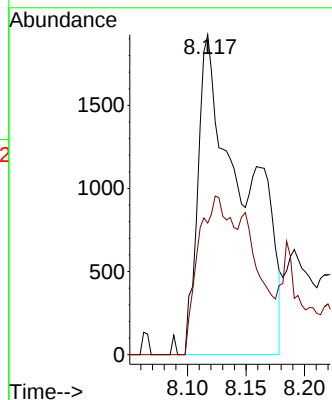
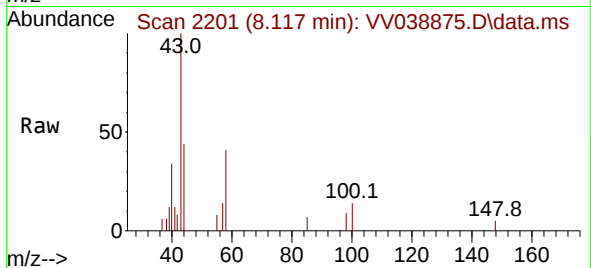
MDL05

Tgt Ion: 43 Resp: 5222

Ion Ratio Lower Upper

43 100

58 38.0 30.3 91.0



#60

Dibromochloromethane

Concen: 0.488 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VV038875.D

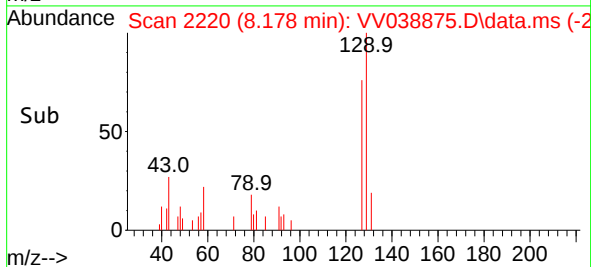
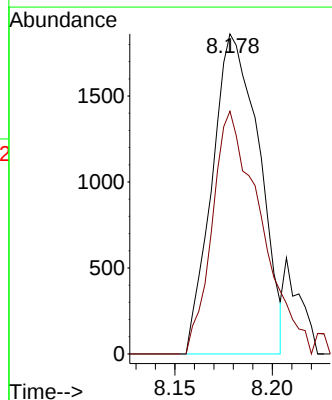
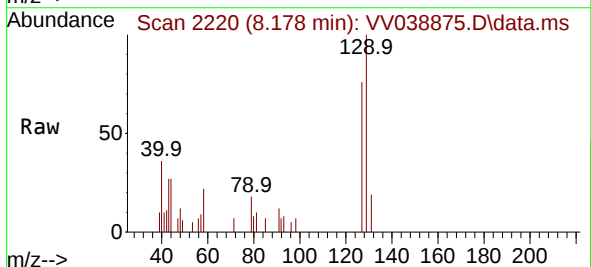
Acq: 07 Jul 2025 17:13

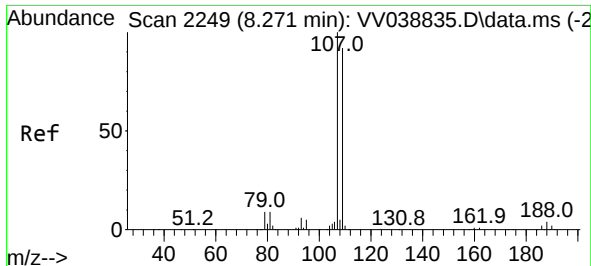
Tgt Ion:129 Resp: 3123

Ion Ratio Lower Upper

129 100

127 78.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.430 ug/l

RT: 8.300 min Scan# 21

Delta R.T. 0.029 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

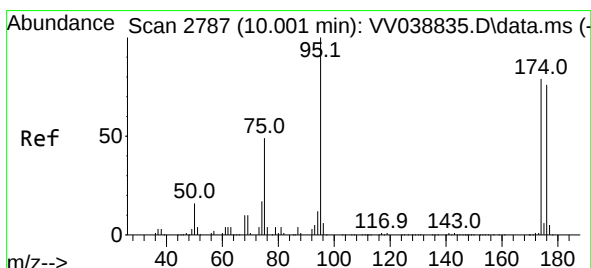
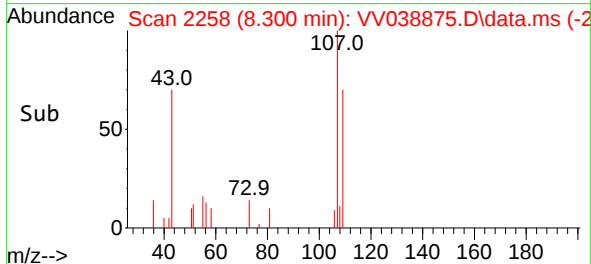
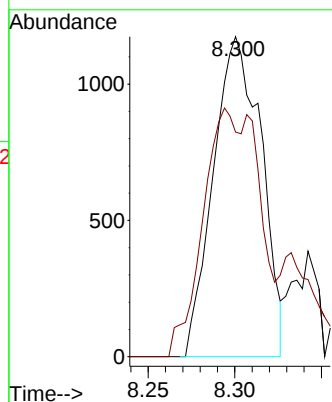
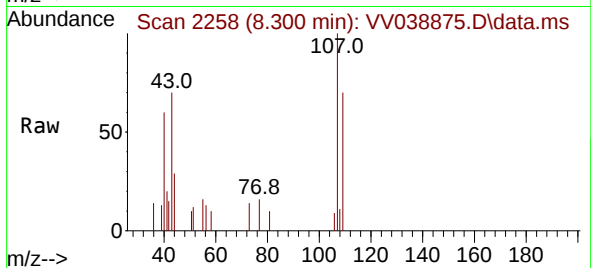
MDL05

Tgt Ion:107 Resp: 2262

Ion Ratio Lower Upper

107 100

109 60.6 74.8 112.2#



#62

4-Bromofluorobenzene

Concen: 46.987 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

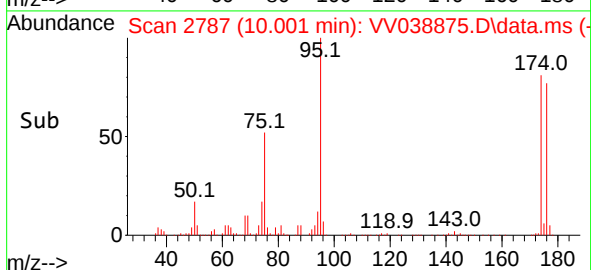
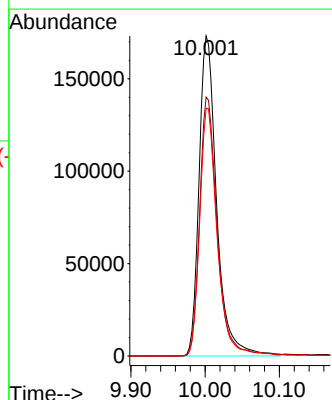
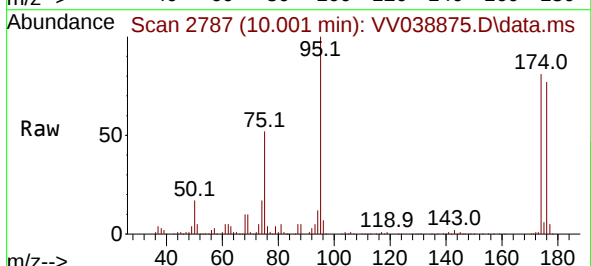
Tgt Ion: 95 Resp: 285142

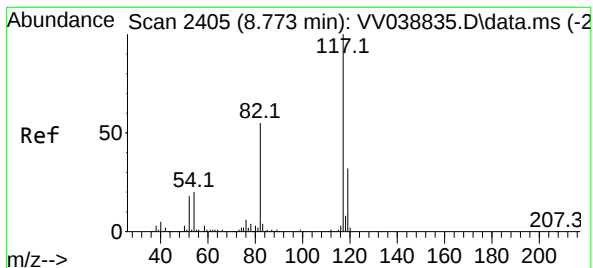
Ion Ratio Lower Upper

95 100

174 81.3 0.0 158.2

176 76.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

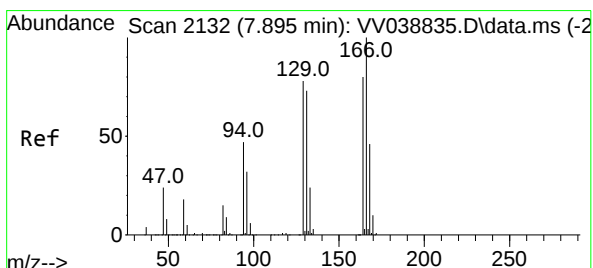
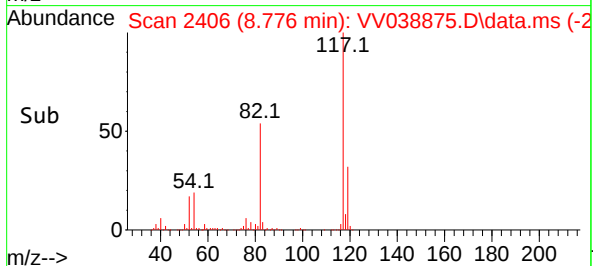
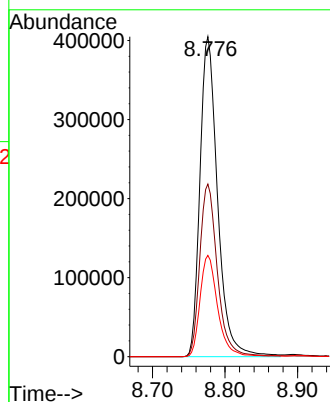
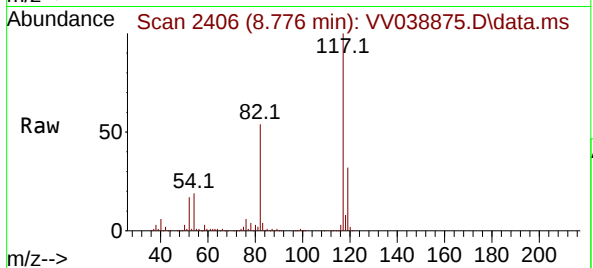
Tgt Ion:117 Resp: 684347

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.4

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 0.548 ug/l

RT: 7.911 min Scan# 2137

Delta R.T. 0.016 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Tgt Ion:164 Resp: 2413

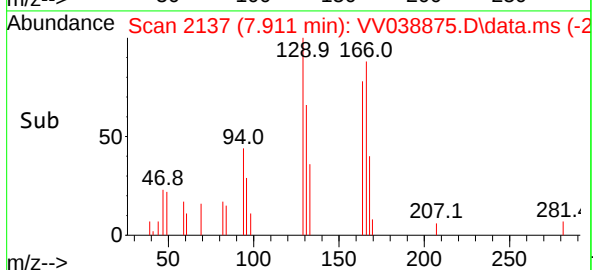
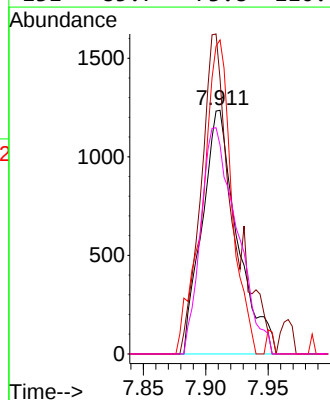
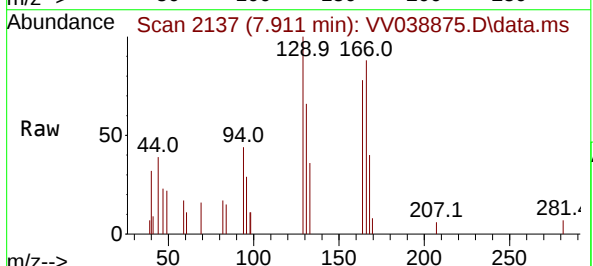
Ion Ratio Lower Upper

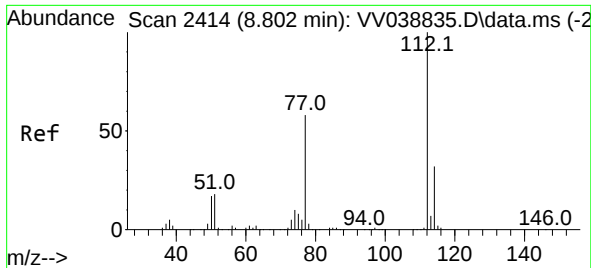
164 100

166 112.9 100.6 151.0

129 128.9 78.4 117.6#

131 85.7 73.8 110.6

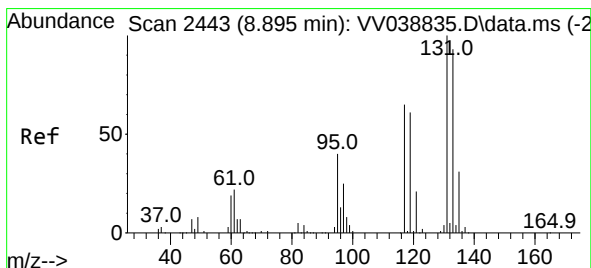
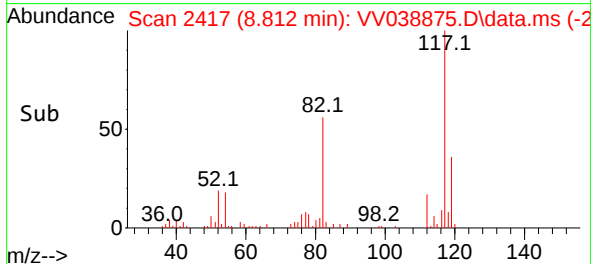
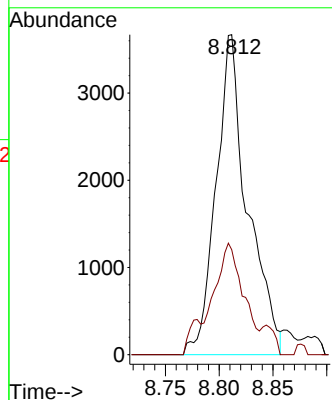
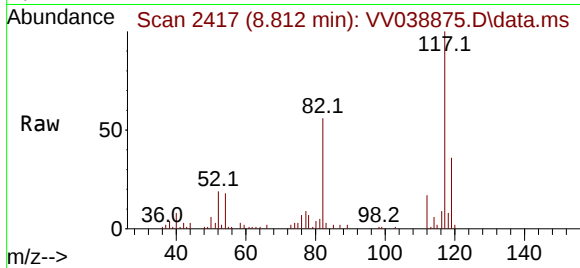




#65
Chlorobenzene
Concen: 0.518 ug/l
RT: 8.812 min Scan# 2414
Delta R.T. 0.010 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

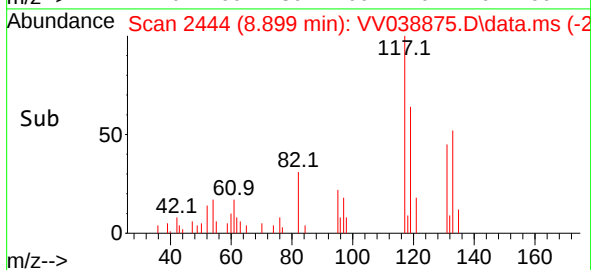
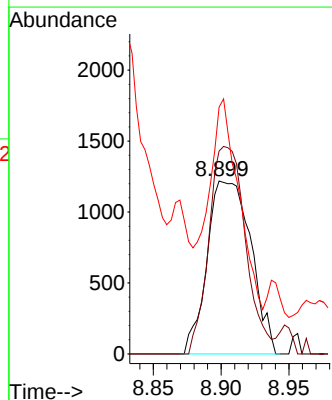
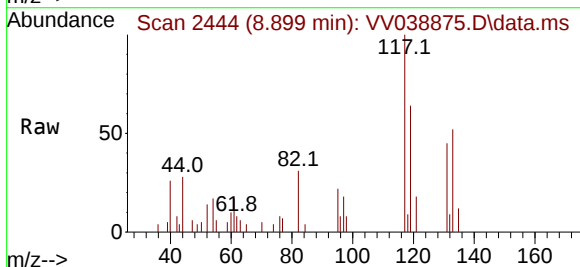
Instrument :
MSVOA_V
ClientSampleId :
MDL05

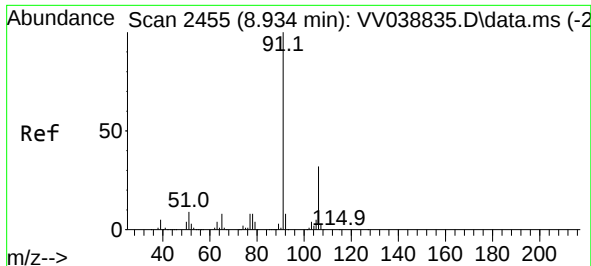
Tgt Ion:112 Resp: 7469
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.508 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion:131 Resp: 2738
Ion Ratio Lower Upper
131 100
133 100.0 47.3 142.0
119 0.0 31.0 93.0#





#67

Ethyl Benzene

Concen: 0.447 ug/l

RT: 8.953 min Scan# 2455

Delta R.T. 0.019 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

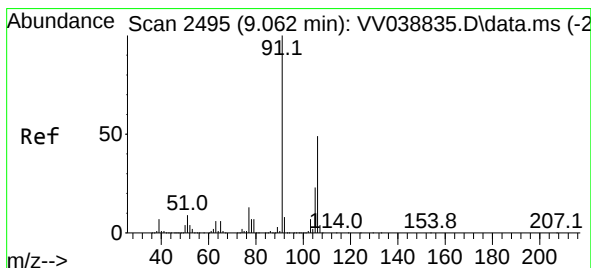
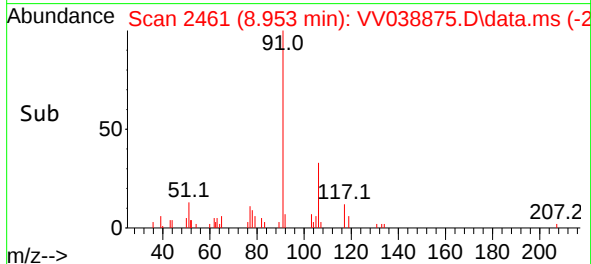
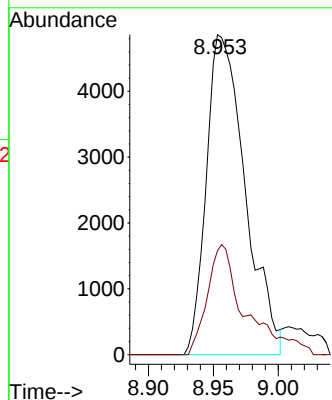
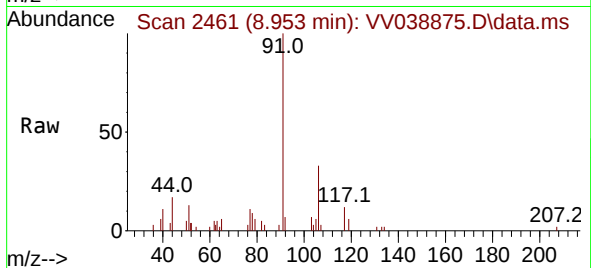
MDL05

Tgt Ion: 91 Resp: 10101

Ion Ratio Lower Upper

91 100

106 32.5 25.2 37.8



#68

m/p-Xylenes

Concen: 0.786 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038875.D

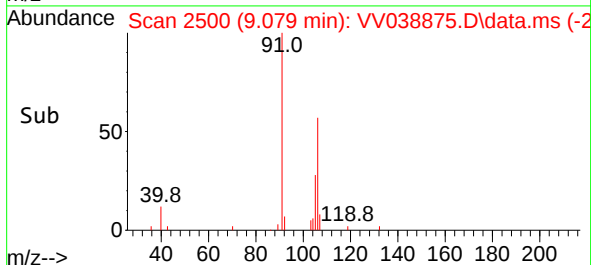
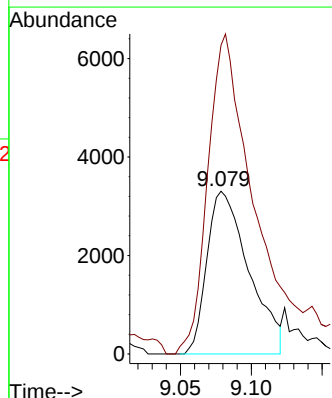
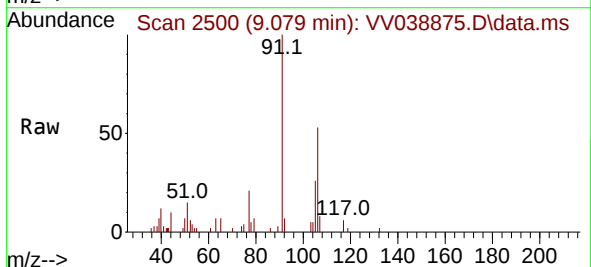
Acq: 07 Jul 2025 17:13

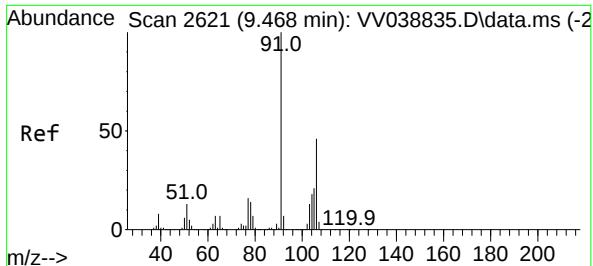
Tgt Ion: 106 Resp: 6805

Ion Ratio Lower Upper

106 100

91 214.5 162.9 244.3





#69

o-Xylene

Concen: 0.397 ug/l

RT: 9.484 min Scan# 2

Delta R.T. 0.016 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

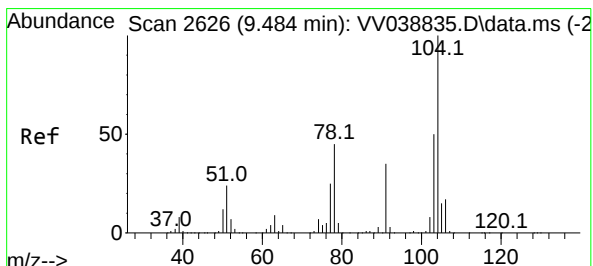
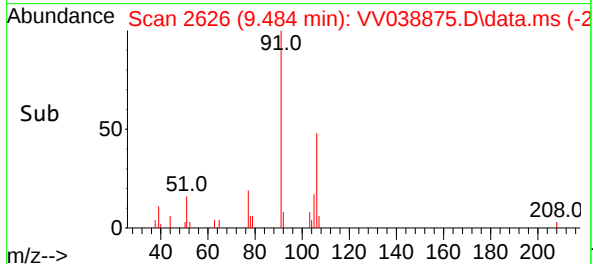
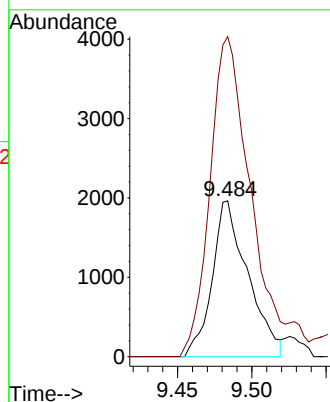
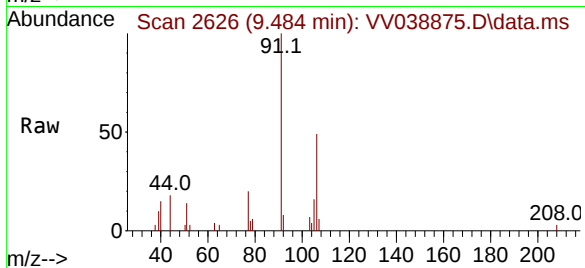
MDL05

Tgt Ion:106 Resp: 3280

Ion Ratio Lower Upper

106 100

91 230.4 107.6 322.8



#70

Styrene

Concen: 0.338 ug/l m

RT: 9.529 min Scan# 2640

Delta R.T. 0.045 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

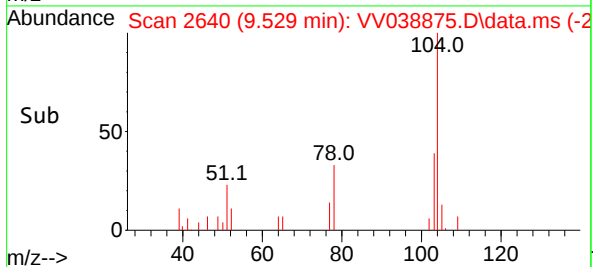
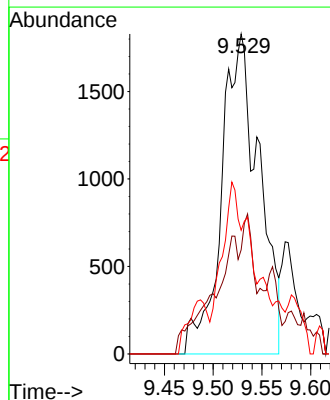
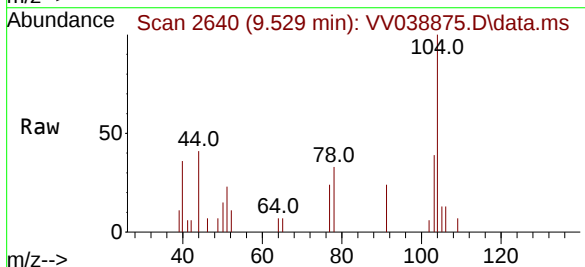
Tgt Ion:104 Resp: 4886

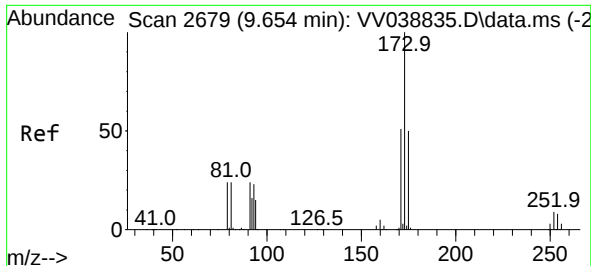
Ion Ratio Lower Upper

104 100

78 0.0 39.9 59.9#

103 8.9 43.4 65.0#

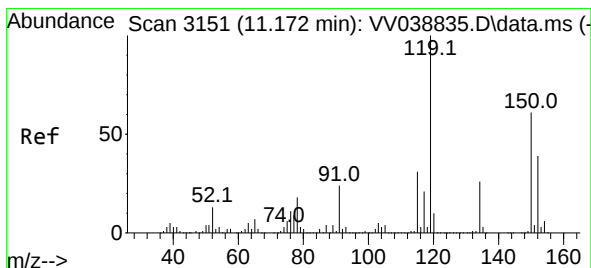
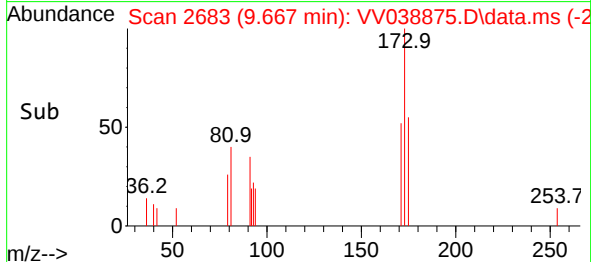
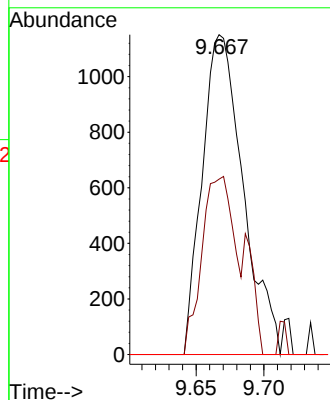
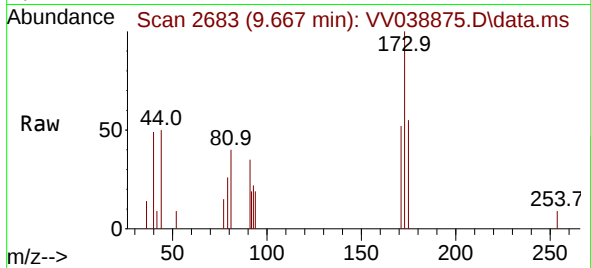




#71
Bromoform
Concen: 0.552 ug/l
RT: 9.667 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

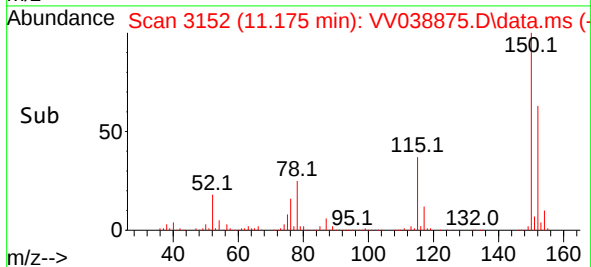
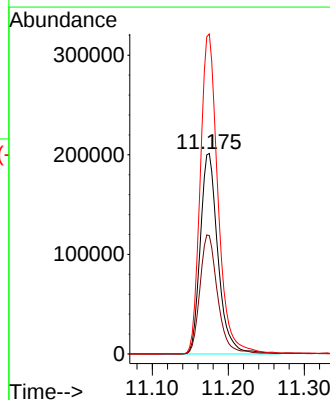
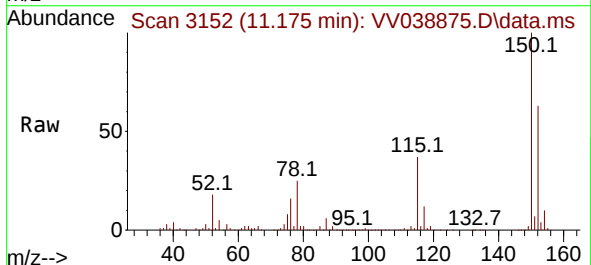
Instrument :
MSVOA_V
ClientSampleId :
MDL05

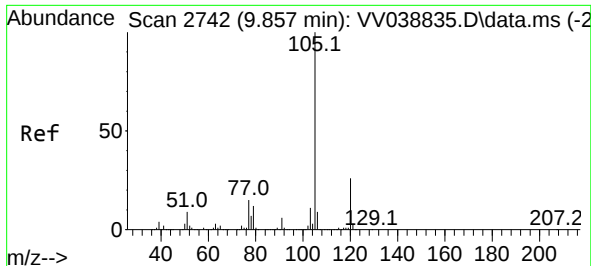
Tgt Ion:173 Resp: 2416
Ion Ratio Lower Upper
173 100
175 44.2 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion:152 Resp: 326131
Ion Ratio Lower Upper
152 100
115 59.6 42.0 126.0
150 159.4 0.0 343.6

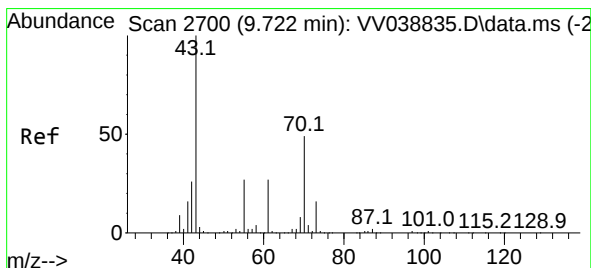
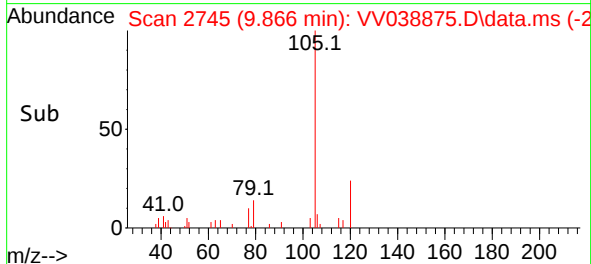
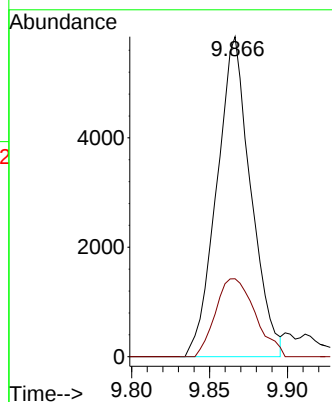
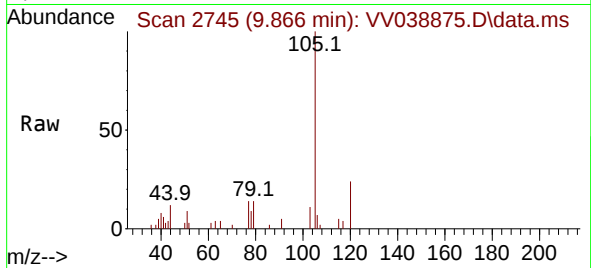




#73
Isopropylbenzene
Concen: 0.465 ug/l
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

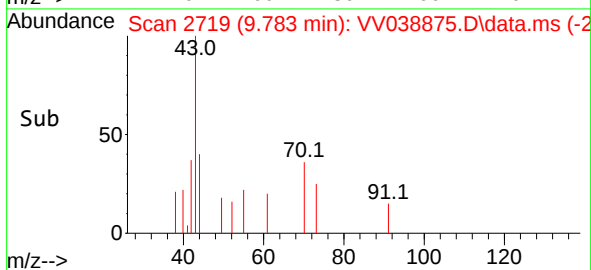
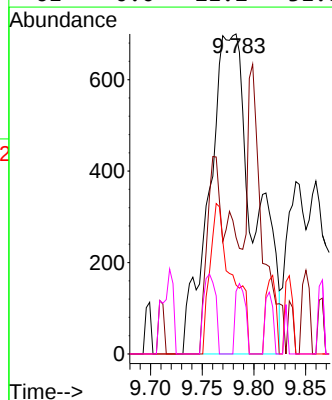
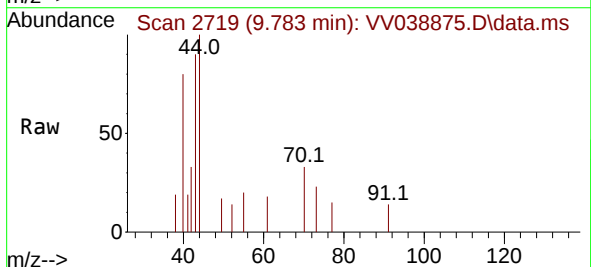
Instrument :
MSVOA_V
ClientSampleId :
MDL05

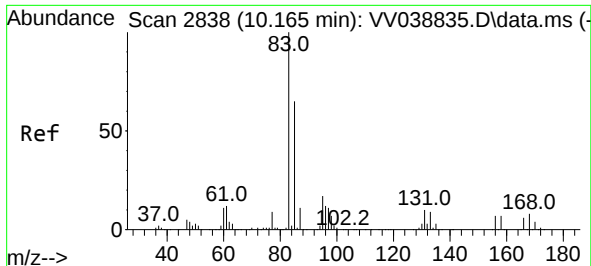
Tgt Ion:105 Resp: 8897
Ion Ratio Lower Upper
105 100
120 28.4 13.1 39.3



#74
N-ethyl acetate
Concen: 0.315 ug/l m
RT: 9.783 min Scan# 2719
Delta R.T. 0.061 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
70 0.0 39.7 59.5#
55 0.0 22.1 33.1#
61 0.0 21.2 31.8#

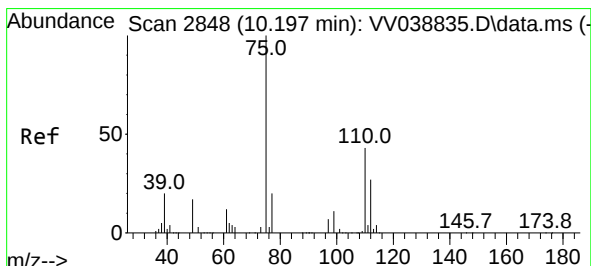
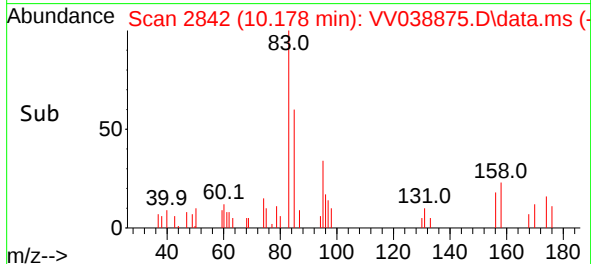
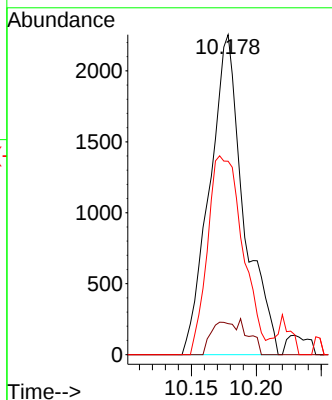
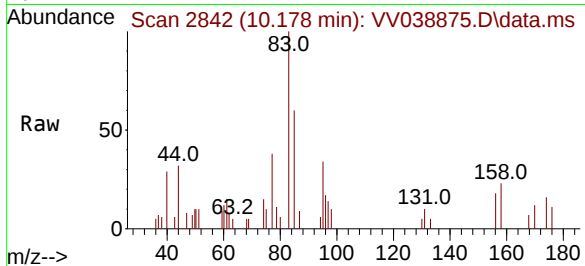




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.591 ug/l
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.013 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

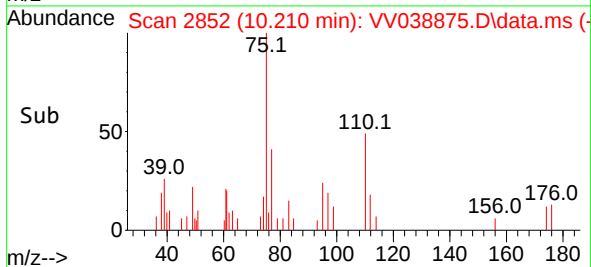
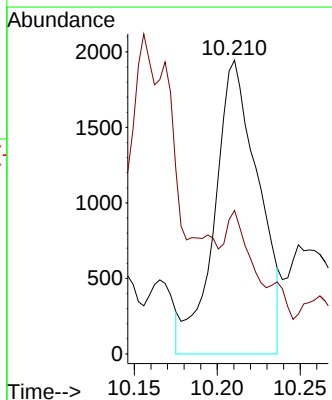
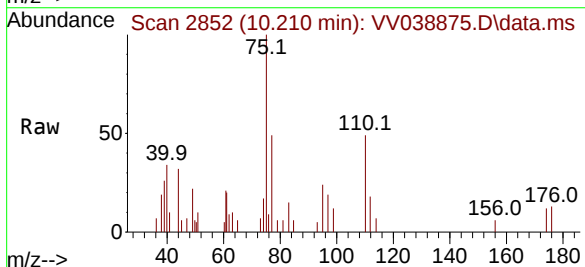
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

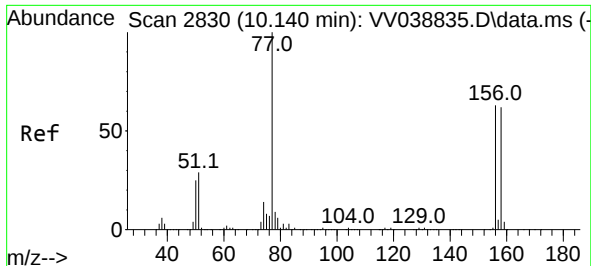
Tgt Ion: 83 Resp: 4100
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.8 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 0.706 ug/l m
 RT: 10.210 min Scan# 2852
 Delta R.T. 0.013 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion: 75 Resp: 3561
 Ion Ratio Lower Upper
 75 100
 77 53.2 11.7 35.1#

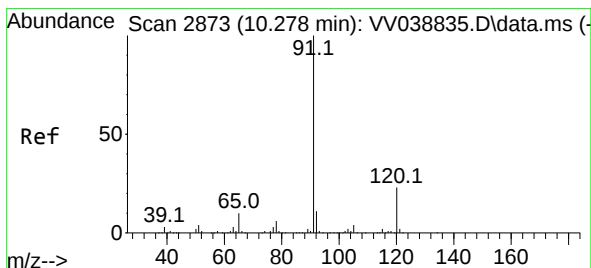
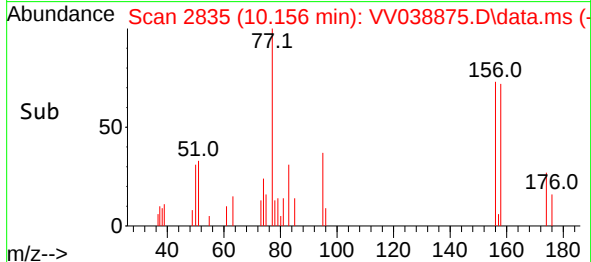
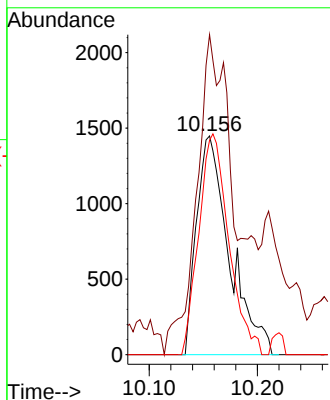
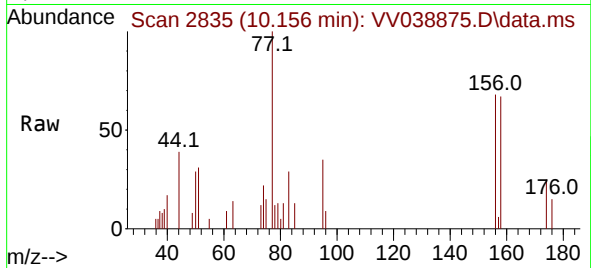




#77
Bromobenzene
Concen: 0.619 ug/l m
RT: 10.156 min Scan# 2835
Delta R.T. 0.016 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

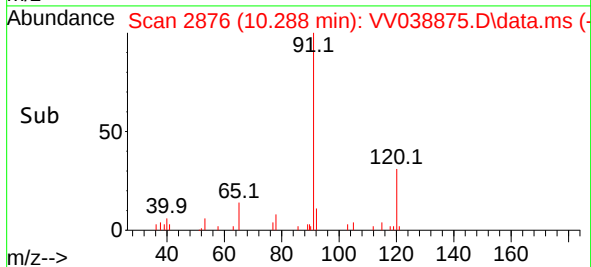
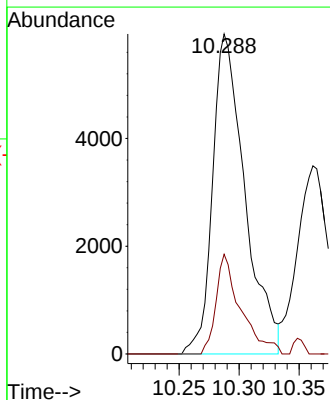
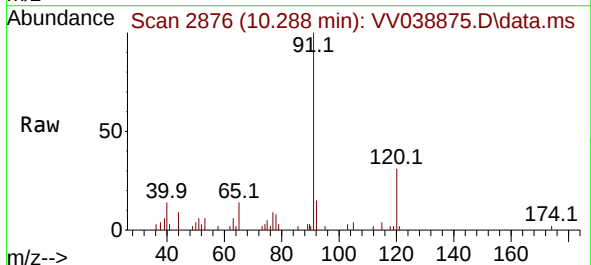
Instrument :
MSVOA_V
ClientSampleId :
MDL05

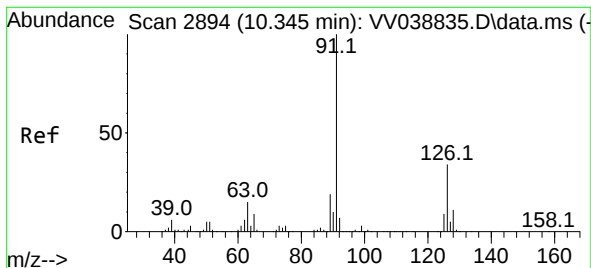
Tgt Ion:156 Resp: 3054
Ion Ratio Lower Upper
156 100
77 150.9 77.0 230.8
158 92.5 48.8 146.3



#78
n-propylbenzene
Concen: 0.488 ug/l
RT: 10.288 min Scan# 2876
Delta R.T. 0.010 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 91 Resp: 11110
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.458 ug/l

RT: 10.361 min Scan# 2899

Delta R.T. 0.016 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

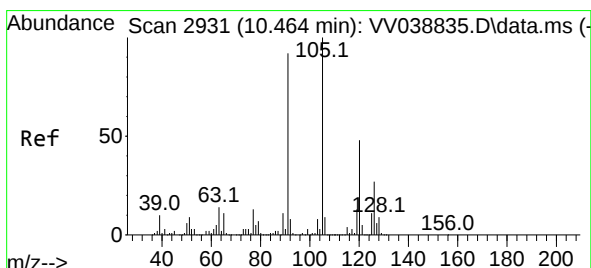
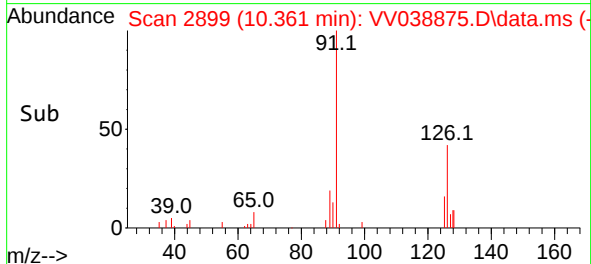
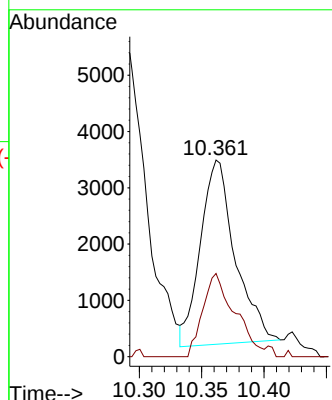
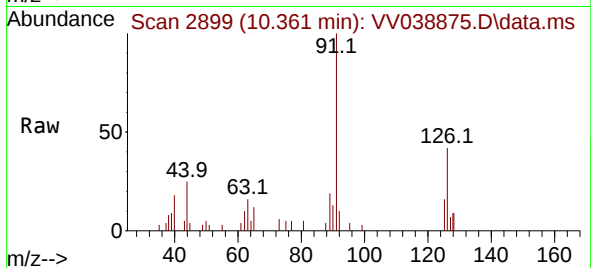
MDL05

Tgt Ion: 91 Resp: 6340

Ion Ratio Lower Upper

91 100

126 42.7 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 0.454 ug/l

RT: 10.477 min Scan# 2935

Delta R.T. 0.013 min

Lab File: VV038875.D

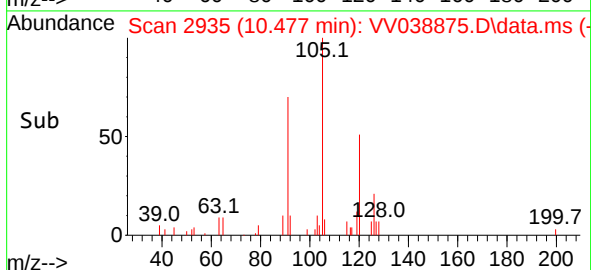
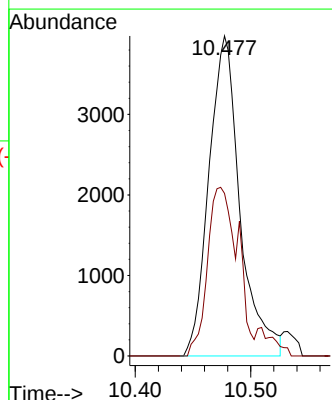
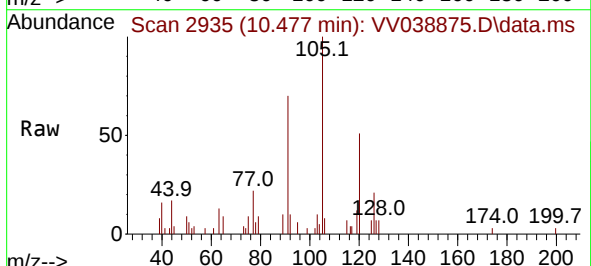
Acq: 07 Jul 2025 17:13

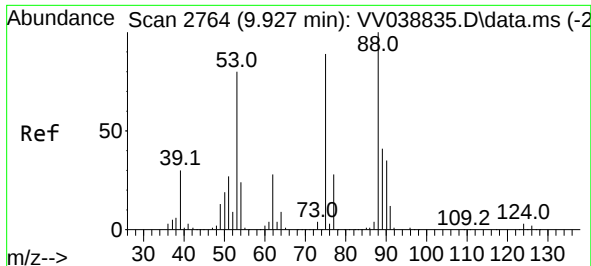
Tgt Ion: 105 Resp: 7426

Ion Ratio Lower Upper

105 100

120 51.6 23.9 71.7

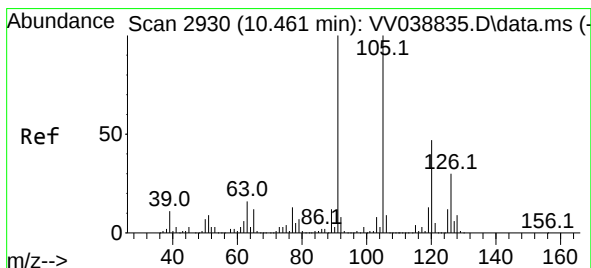
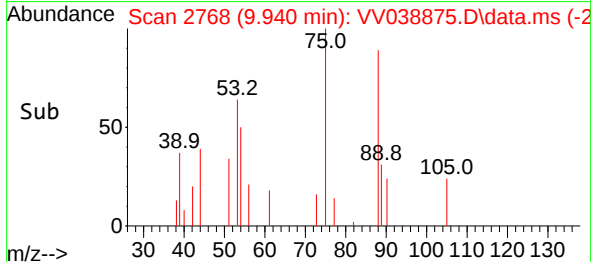
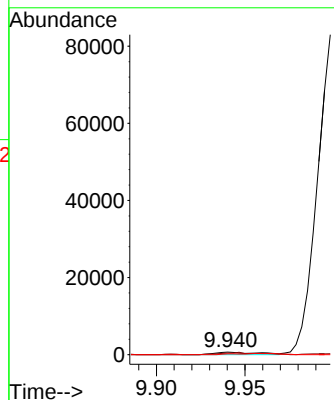
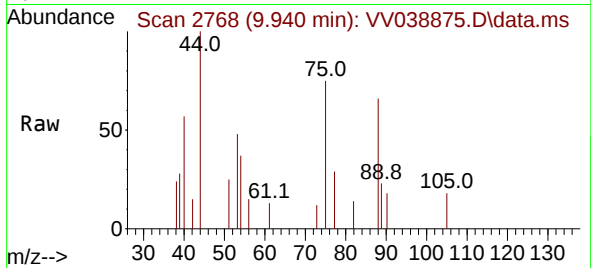




#81
trans-1,4-Dichloro-2-butene
Concen: 0.469 ug/l m
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

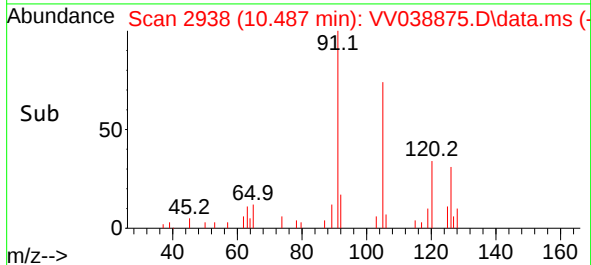
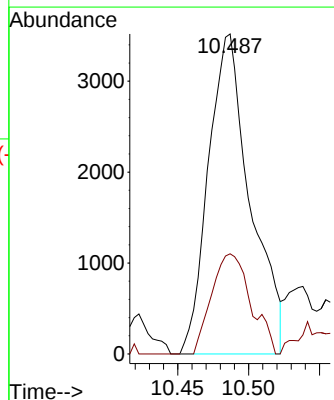
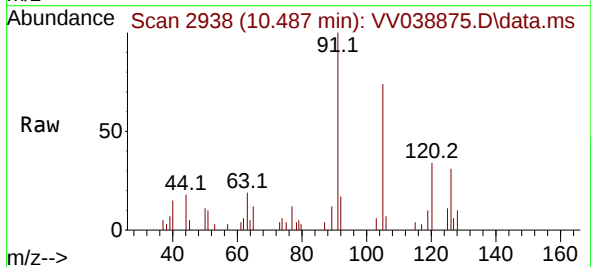
Instrument :
MSVOA_V
ClientSampleId :
MDL05

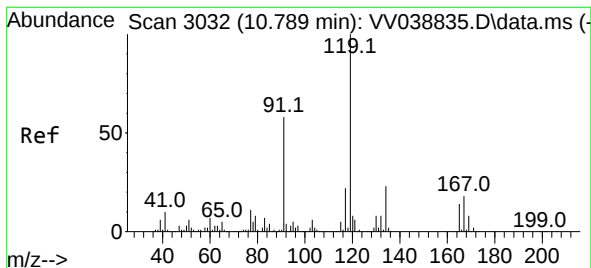
Tgt Ion: 75 Resp: 1111
Ion Ratio Lower Upper
75 100
53 50.9 71.2 106.8#
89 0.0 44.6 66.8#



#82
4-Chlorotoluene
Concen: 0.453 ug/l
RT: 10.487 min Scan# 2938
Delta R.T. 0.026 min
Lab File: VV038875.D
Acq: 07 Jul 2025 17:13

Tgt Ion: 91 Resp: 7227
Ion Ratio Lower Upper
91 100
126 29.4 14.8 44.3





#83

tert-Butylbenzene

Concen: 0.473 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

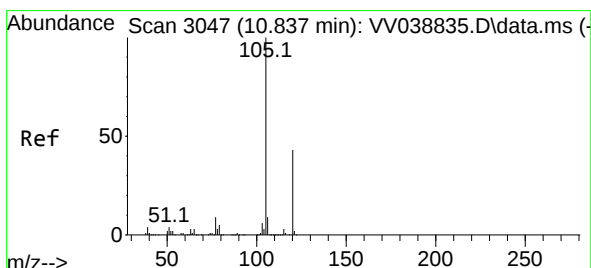
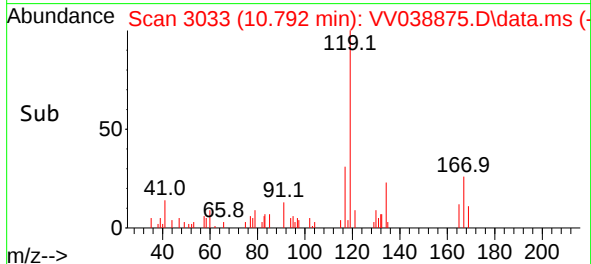
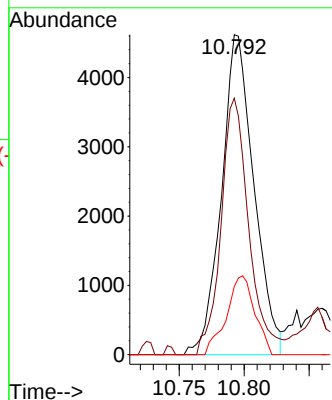
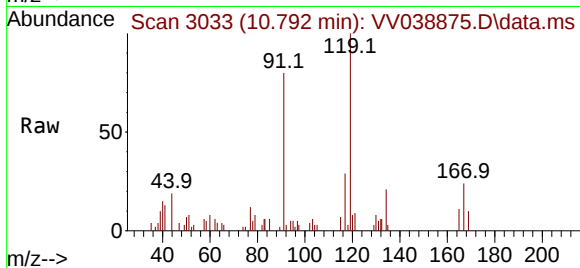
Tgt Ion:119 Resp: 8020

Ion Ratio Lower Upper

119 100

91 68.9 28.5 85.5

134 21.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.461 ug/l

RT: 10.850 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VV038875.D

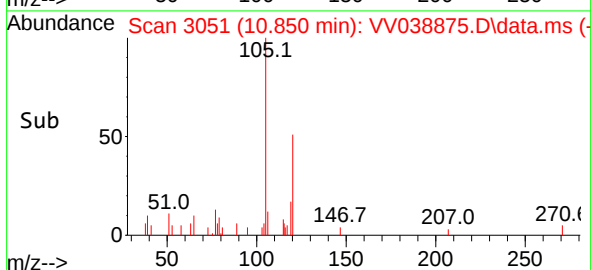
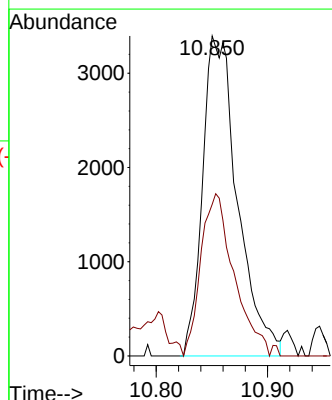
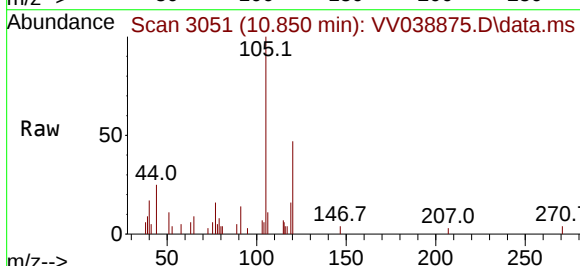
Acq: 07 Jul 2025 17:13

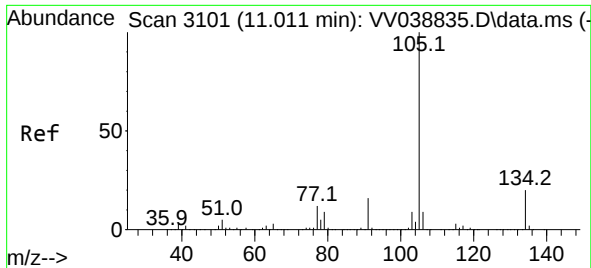
Tgt Ion:105 Resp: 7394

Ion Ratio Lower Upper

105 100

120 48.2 22.7 68.0

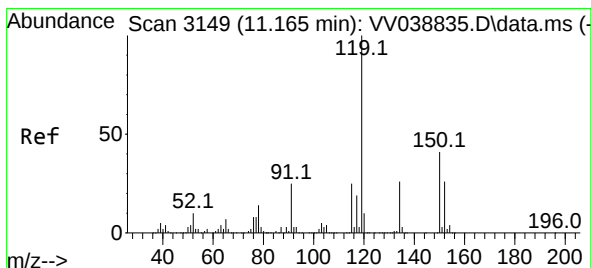
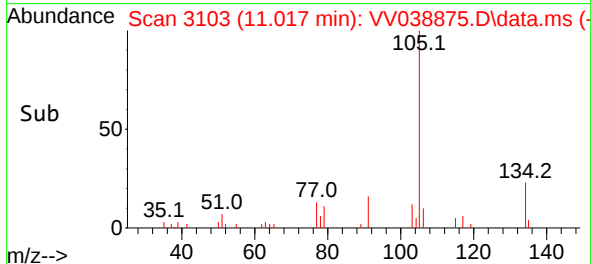
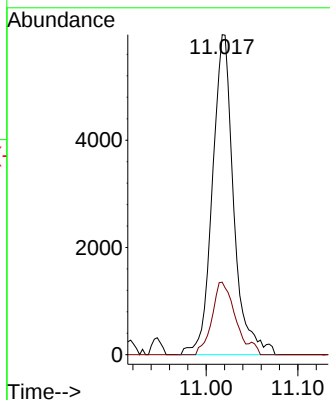
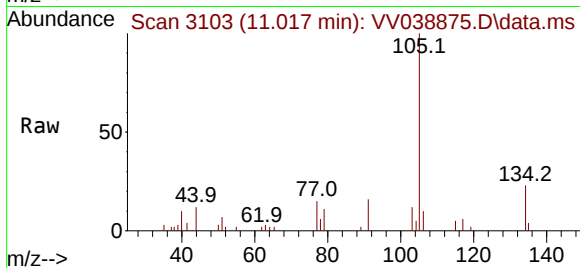




#85
 sec-Butylbenzene
 Concen: 0.446 ug/l
 RT: 11.017 min Scan# 3101
 Delta R.T. 0.006 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

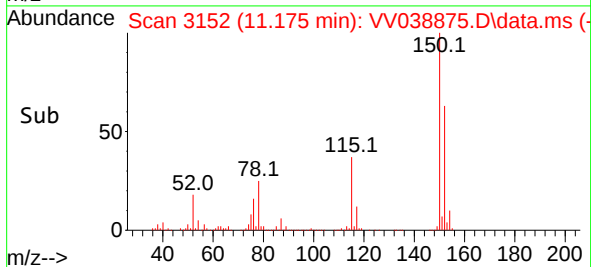
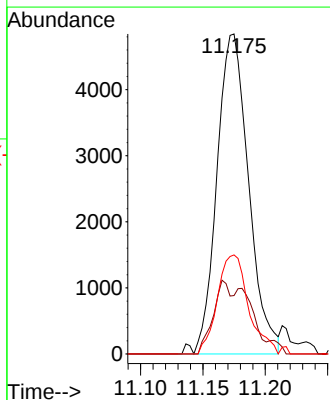
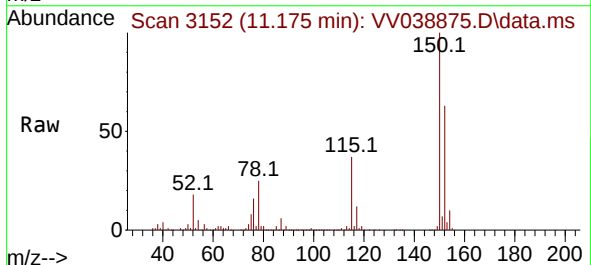
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

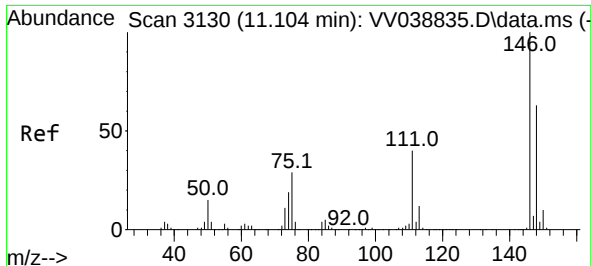
Tgt Ion:105 Resp: 9632
 Ion Ratio Lower Upper
 105 100
 134 25.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.464 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.010 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion:119 Resp: 8594
 Ion Ratio Lower Upper
 119 100
 134 14.2 13.0 39.0
 91 30.3 12.4 37.0

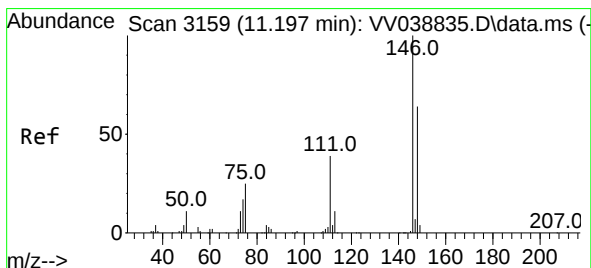
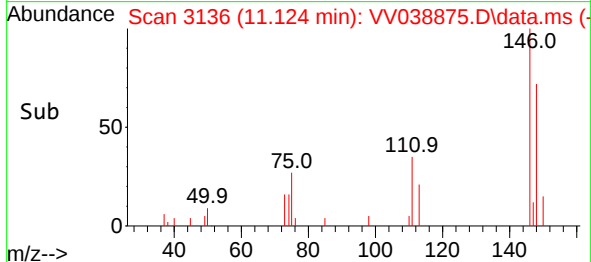
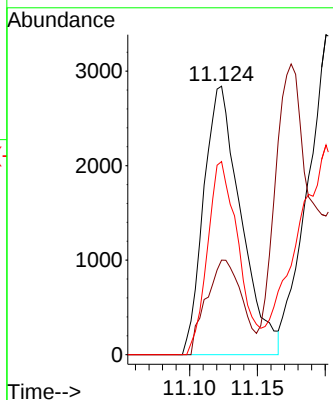
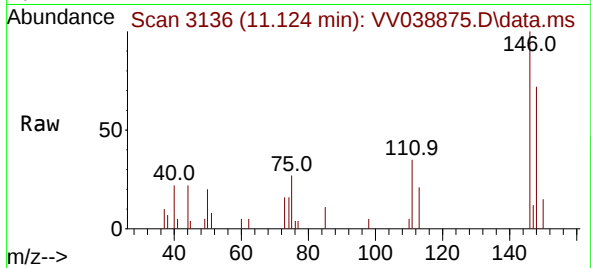




#87
 1,3-Dichlorobenzene
 Concen: 0.541 ug/l
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.019 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

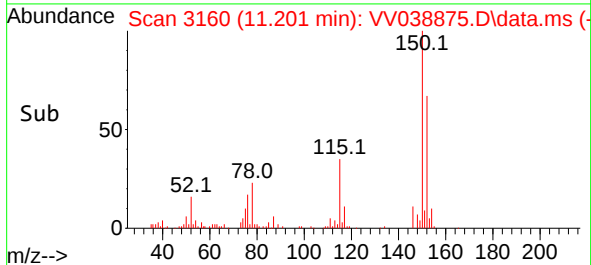
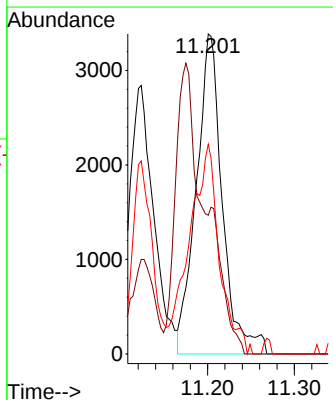
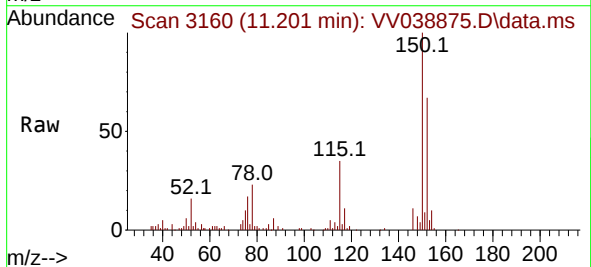
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

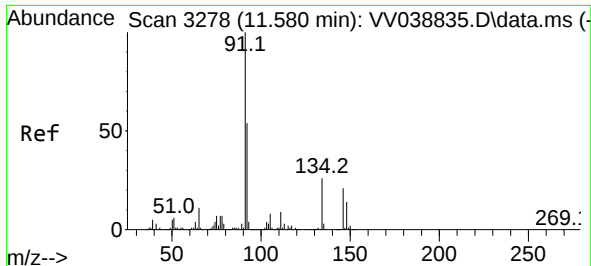
Tgt Ion:146 Resp: 5426
 Ion Ratio Lower Upper
 146 100
 111 33.7 20.2 60.6
 148 60.1 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 0.668 ug/l m
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.003 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion:146 Resp: 7065
 Ion Ratio Lower Upper
 146 100
 111 25.9 19.8 59.3
 148 46.1 32.0 96.2





#89

n-Butylbenzene

Concen: 0.384 ug/l

RT: 11.593 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

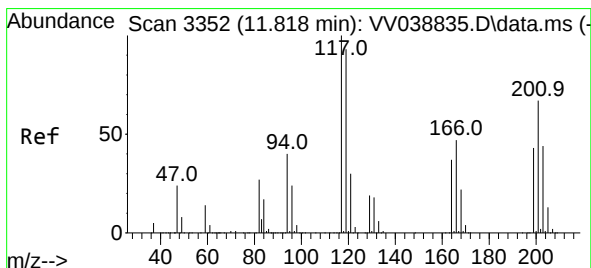
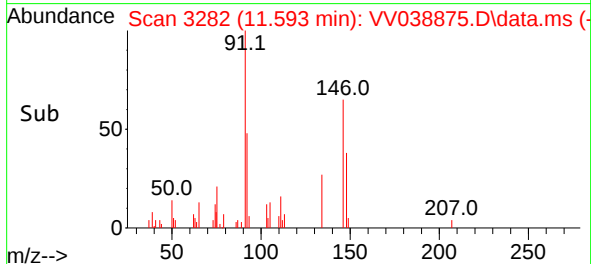
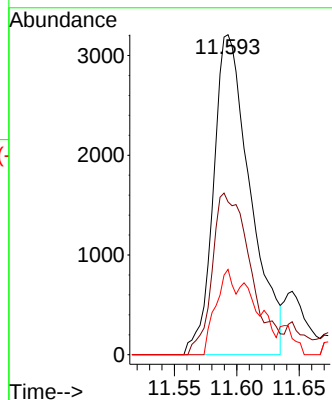
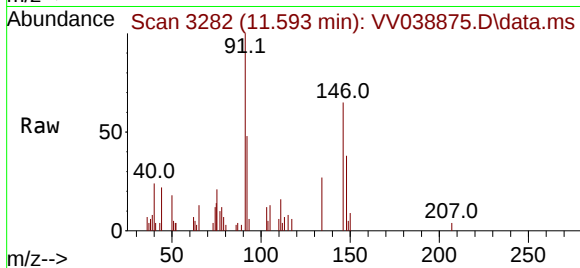
Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 91	Resp: 6599
Ion Ratio	Lower Upper
91 100	
92 53.1	26.7 80.0
134 13.8	12.9 38.7



#90

Hexachloroethane

Concen: 0.499 ug/l

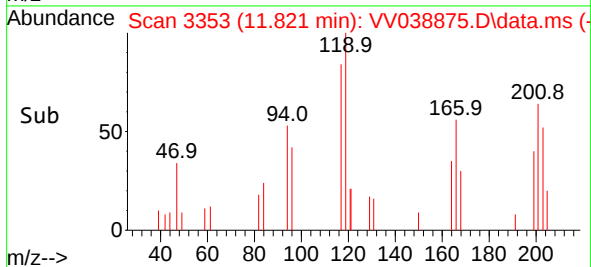
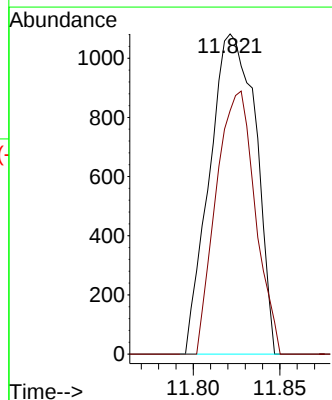
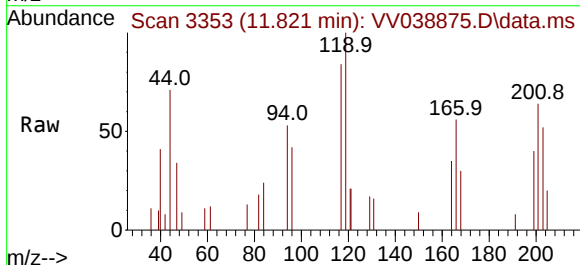
RT: 11.821 min Scan# 3353

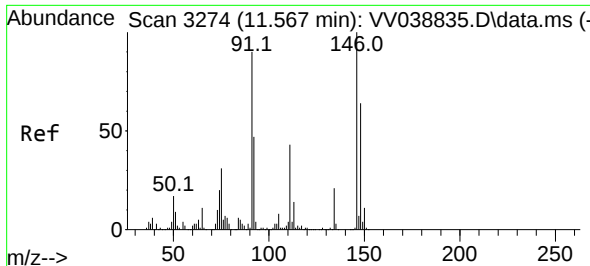
Delta R.T. 0.003 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Tgt Ion: 117	Resp: 2007
Ion Ratio	Lower Upper
117 100	
201 69.5	34.4 103.1

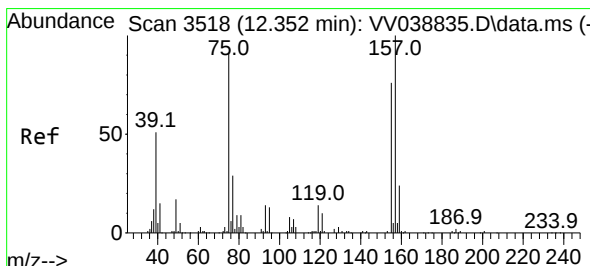
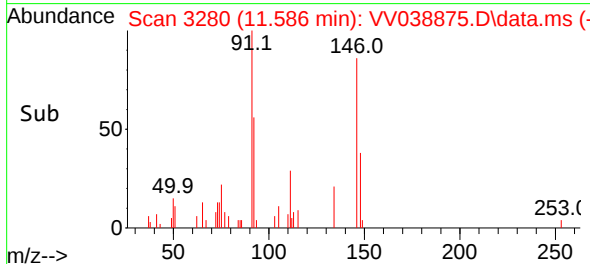
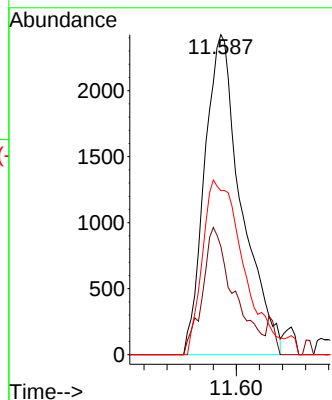
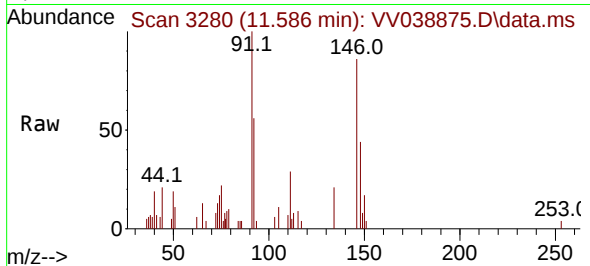




#91
 1,2-Dichlorobenzene
 Concen: 0.567 ug/l
 RT: 11.586 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

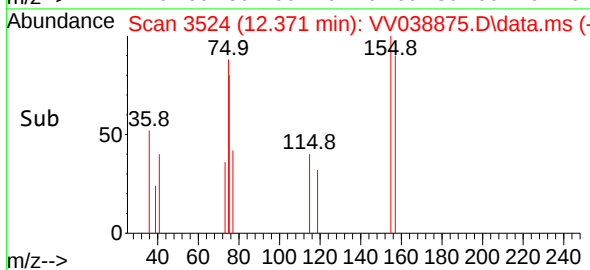
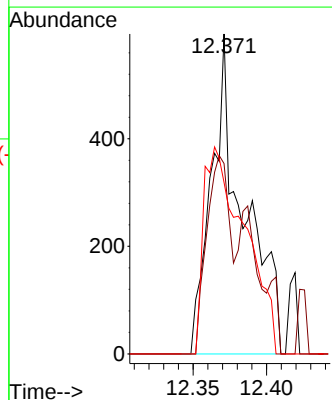
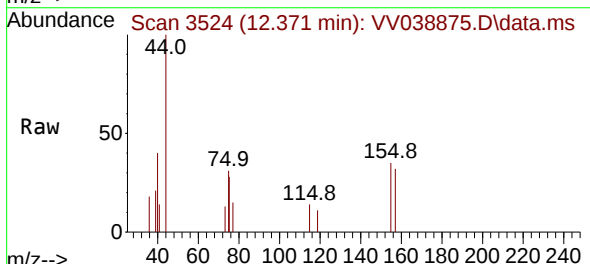
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

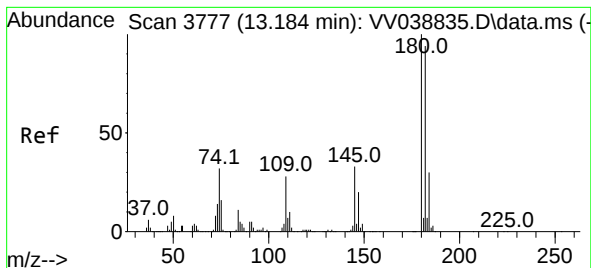
Tgt Ion:146 Resp: 5365
 Ion Ratio Lower Upper
 146 100
 111 34.4 21.3 63.7
 148 60.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.613 ug/l m
 RT: 12.371 min Scan# 3524
 Delta R.T. 0.019 min
 Lab File: VV038875.D
 Acq: 07 Jul 2025 17:13

Tgt Ion: 75 Resp: 901
 Ion Ratio Lower Upper
 75 100
 155 44.7 43.2 129.6
 157 82.8 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 0.396 ug/l

RT: 13.201 min Scan# 3777

Delta R.T. 0.016 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

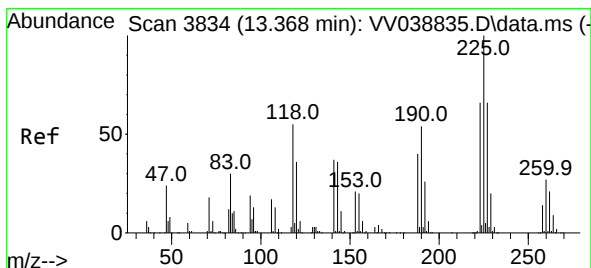
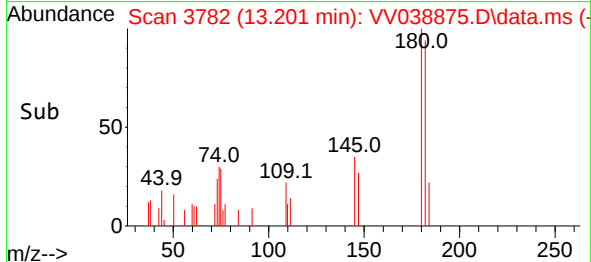
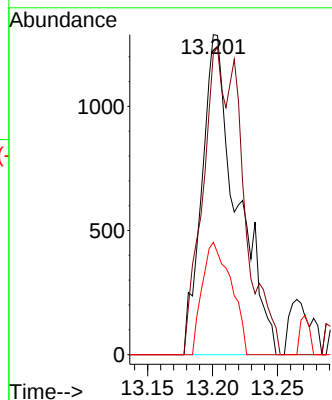
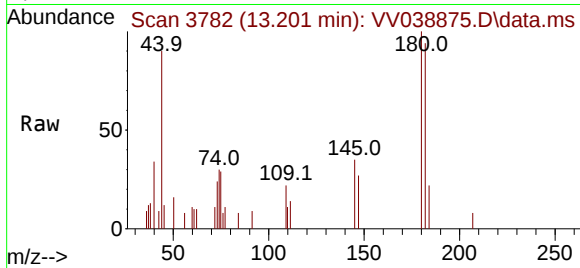
Tgt Ion:180 Resp: 2431

Ion Ratio Lower Upper

180 100

182 61.9 47.6 142.8

145 28.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 0.447 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

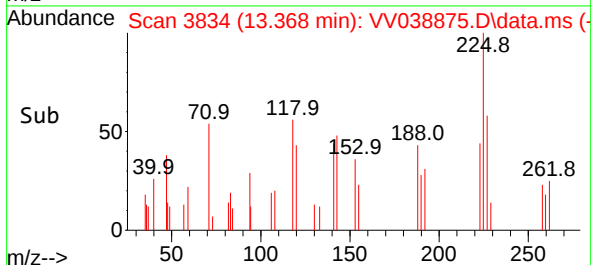
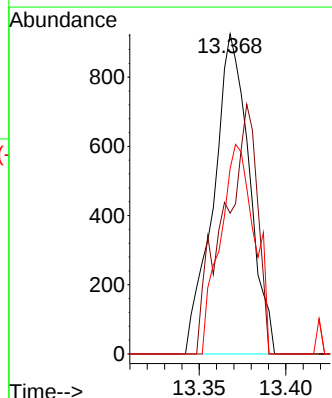
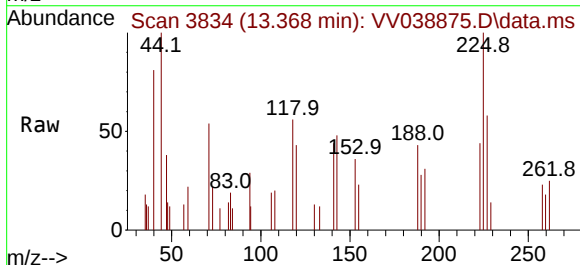
Tgt Ion:225 Resp: 1323

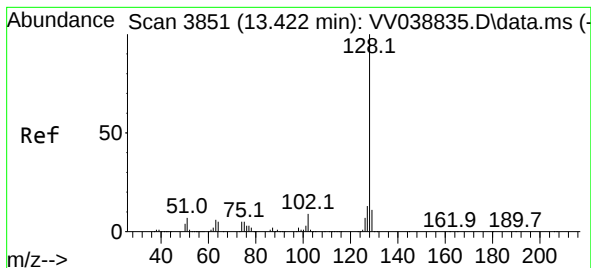
Ion Ratio Lower Upper

225 100

223 73.1 33.2 99.6

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 0.368 ug/l

RT: 13.448 min Scan# 3930

Delta R.T. 0.026 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Instrument :

MSVOA_V

ClientSampleId :

MDL05

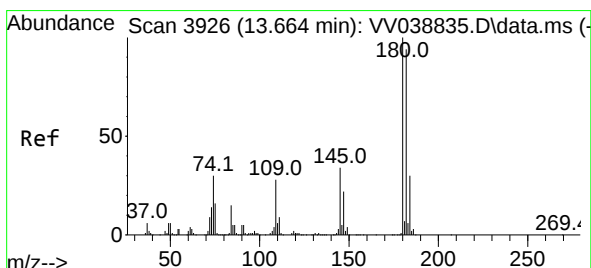
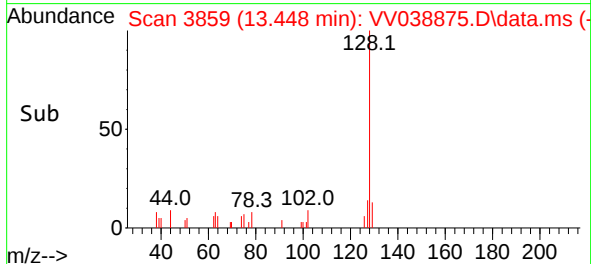
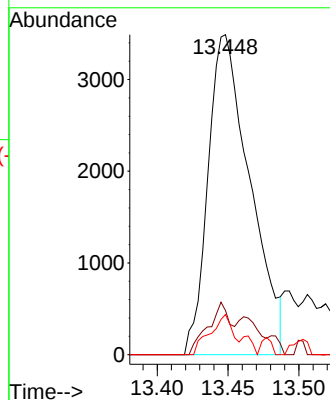
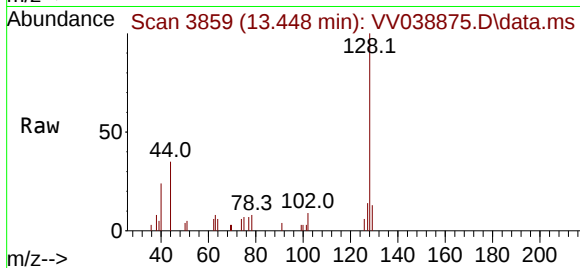
Tgt Ion:128 Resp: 7189

Ion Ratio Lower Upper

128 100

127 8.9 10.2 15.4#

129 6.9 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.464 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV038875.D

Acq: 07 Jul 2025 17:13

Tgt Ion:180 Resp: 2936

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 24.5 17.1 51.2

