

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038874.D
 Acq On : 07 Jul 2025 16:52
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: Jul 08 02:45:29 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	415778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	711003	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	660930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	316921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	268940	57.715	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 115.420%	
35) Dibromofluoromethane	4.506	113	242469	53.838	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 107.680%	
50) Toluene-d8	7.239	98	677504	46.496	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	10.001	95	284278	48.289	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 96.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	1926	0.488	ug/l	90
3) Chloromethane	1.230	50	3198	0.660	ug/l	98
4) Vinyl Chloride	1.297	62	2454	0.545	ug/l #	83
5) Bromomethane	1.497	94	2877	1.047	ug/l #	67
6) Chloroethane	1.561	64	1938	0.642	ug/l	90
7) Trichlorofluoromethane	1.725	101	4250	0.533	ug/l	97
8) Diethyl Ether	1.918	74	1752	0.632	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.085	101	2406	0.534	ug/l	96
10) Methyl Iodide	2.201	142	2838	0.497	ug/l #	94
11) Tert butyl alcohol	2.571	59	827	1.360	ug/l #	61
12) 1,1-Dichloroethene	2.095	96	2280	0.532	ug/l #	70
13) Acrolein	2.024	56	660	4.346	ug/l #	80
14) Allyl chloride	2.365	41	3243	0.563	ug/l #	83
15) Acrylonitrile	2.715	53	3279	1.541	ug/l #	25
16) Acetone	2.124	43	6066	3.906	ug/l	94
17) Carbon Disulfide	2.256	76	5570	0.562	ug/l	100
18) Methyl Acetate	2.407	43	1455	0.275	ug/l #	80
19) Methyl tert-butyl Ether	2.715	73	6169	0.466	ug/l	95
20) Methylene Chloride	2.461	84	5269	1.027	ug/l	89
21) trans-1,2-Dichloroethene	2.715	96	1692	0.395	ug/l	92
22) Diisopropyl ether	3.230	45	4167	0.353	ug/l #	25
24) 1,1-Dichloroethane	3.127	63	4309	0.541	ug/l	98
26) 2,2-Dichloropropane	3.821	77	2541	0.344	ug/l	89
28) Bromochloromethane	4.175	49	1193	0.351	ug/l #	78
31) Cyclohexane	4.596	56	11023	1.749	ug/l #	33
32) 1,1,1-Trichloroethane	4.516	97	4444	0.552	ug/l #	44
36) 1,1-Dichloropropene	4.764	75	1136	0.208	ug/l #	74
38) Carbon Tetrachloride	4.751	117	3104	0.432	ug/l #	70
39) Methylcyclohexane	6.043	83	1972	0.276	ug/l #	68
40) Benzene	5.047	78	6899	0.382	ug/l #	88
42) 1,2-Dichloroethane	5.066	62	1509	0.236	ug/l	100
44) Trichloroethene	5.857	130	1574	0.334	ug/l	90
46) Dibromomethane	6.262	93	1753	0.490	ug/l #	69
47) Bromodichloromethane	6.445	83	3482	0.460	ug/l #	81
49) 1,4-Dioxane	6.342	88	166	2.831	ug/l #	70
51) 4-Methyl-2-Pentanone	7.169	43	8484	1.511	ug/l	98

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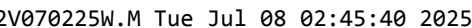
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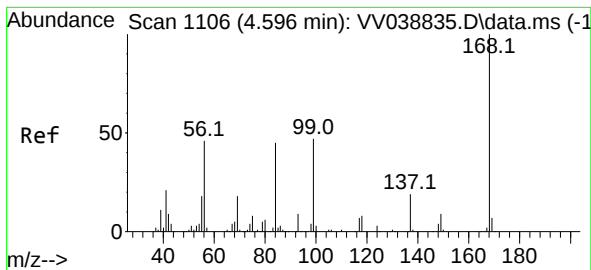
Quant Time: Jul 08 02:45:29 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Toluene	7.329	92	5586	0.495	ug/l	83
54) cis-1,3-Dichloropropene	6.979	75	2229	0.301	ug/l #	86
55) 1,1,2-Trichloroethane	7.789	97	2319	0.470	ug/l #	94
57) 1,3-Dichloropropane	7.956	76	1717	0.221	ug/l #	77
58) 2-Chloroethyl Vinyl ether	6.854	63	2333	0.792	ug/l	92
59) 2-Hexanone	8.124	43	3703	0.935	ug/l	72
60) Dibromochloromethane	8.178	129	3090	0.498	ug/l	82
61) 1,2-Dibromoethane	8.300	107	2270	0.445	ug/l	97
64) Tetrachloroethene	7.908	164	2439	0.574	ug/l #	83
65) Chlorobenzene	8.812	112	6695	0.481	ug/l	94
66) 1,1,1,2-Tetrachloroethane	8.905	131	2635	0.507	ug/l #	67
67) Ethyl Benzene	8.953	91	8948	0.410	ug/l	91
68) m/p-Xylenes	9.082	106	6423	0.768	ug/l	85
69) o-Xylene	9.484	106	3003	0.376	ug/l	99
70) Styrene	9.525	104	4152	0.298	ug/l #	72
71) Bromoform	9.660	173	878	0.208	ug/l #	5
73) Isopropylbenzene	9.863	105	7733	0.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.175	83	3715	0.551	ug/l	88
76) 1,2,3-Trichloropropane	10.001	75	143097	29.183	ug/l #	55
77) Bromobenzene	10.159	156	2437	0.508	ug/l	95
78) n-propylbenzene	10.294	91	10351	0.468	ug/l	99
79) 2-Chlorotoluene	10.365	91	4944	0.368	ug/l	84
80) 1,3,5-Trimethylbenzene	10.471	105	7445	0.468	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.001	75	143097	62.119	ug/l #	12
82) 4-Chlorotoluene	10.487	91	7943	0.513	ug/l	91
83) tert-Butylbenzene	10.795	119	8046	0.488	ug/l	95
84) 1,2,4-Trimethylbenzene	10.860	105	7111	0.456	ug/l	85
85) sec-Butylbenzene	11.017	105	8507	0.405	ug/l	94
86) p-Isopropyltoluene	11.172	119	8450	0.469	ug/l	96
87) 1,3-Dichlorobenzene	11.123	146	5106	0.523	ug/l	98
88) 1,4-Dichlorobenzene	11.123	146	5106	0.497	ug/l	97
89) n-Butylbenzene	11.599	91	7263	0.435	ug/l	93
90) Hexachloroethane	11.824	117	2255	0.577	ug/l	78
91) 1,2-Dichlorobenzene	11.586	146	4718	0.513	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.371	75	417	0.292	ug/l	70
93) 1,2,4-Trichlorobenzene	13.201	180	2500	0.419	ug/l	92
94) Hexachlorobutadiene	13.374	225	1449	0.504	ug/l	95
95) Naphthalene	13.448	128	5808	0.306	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.680	180	2544	0.414	ug/l	89

(#) = 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

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ClientSampleId :

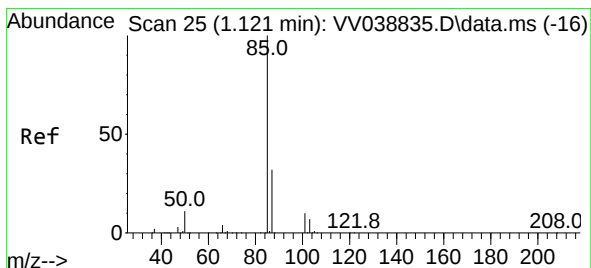
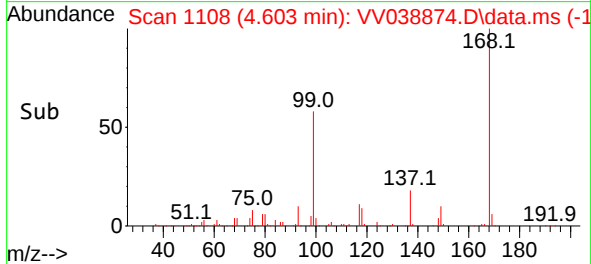
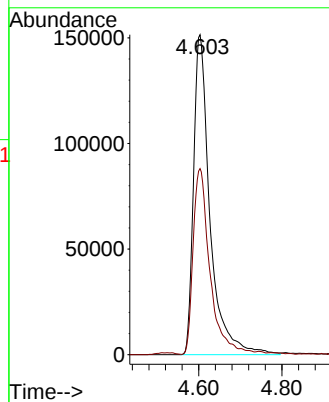
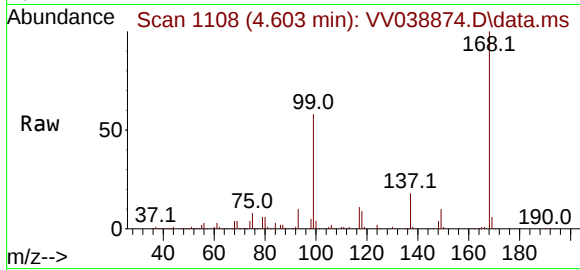
MDL04

Tgt Ion:168 Resp: 415778

Ion Ratio Lower Upper

168 100

99 58.0 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.488 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038874.D

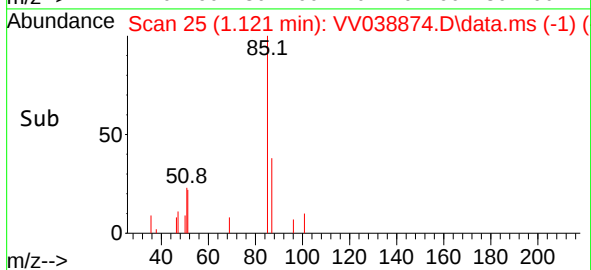
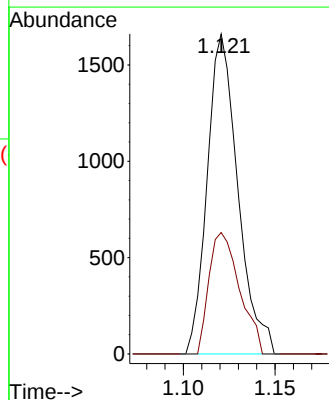
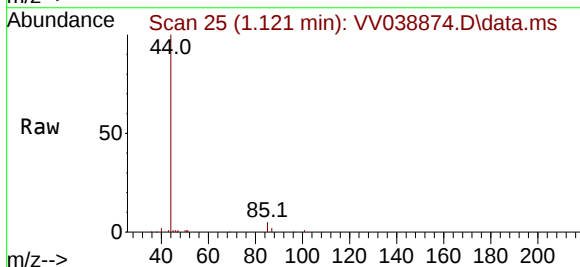
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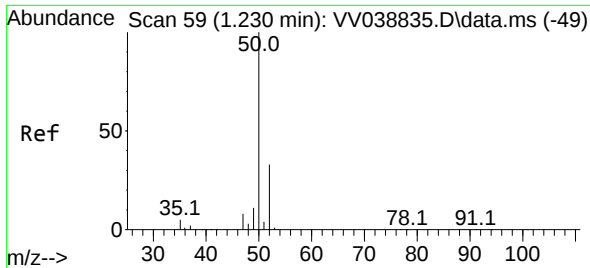
Tgt Ion: 85 Resp: 1926

Ion Ratio Lower Upper

85 100

87 37.9 16.1 48.3

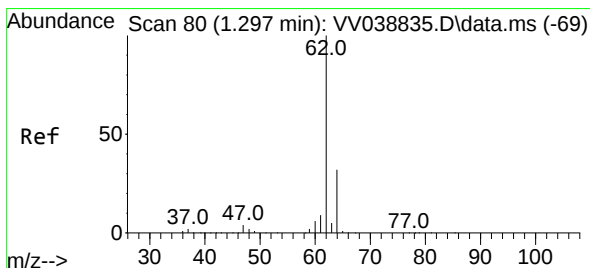
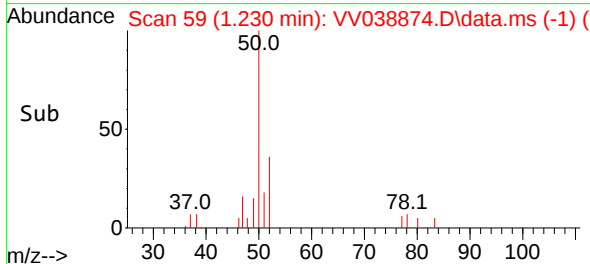
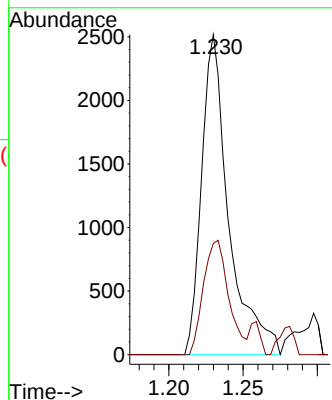
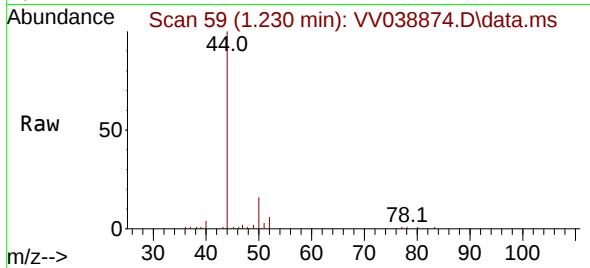




#3
Chloromethane
Concen: 0.660 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

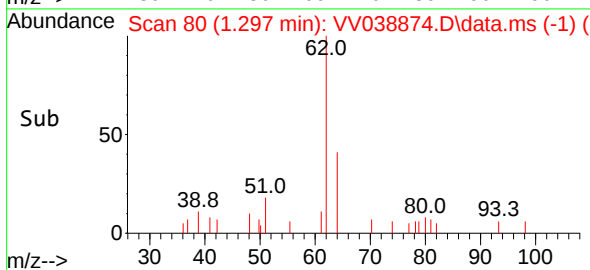
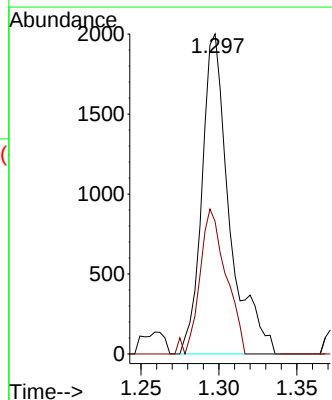
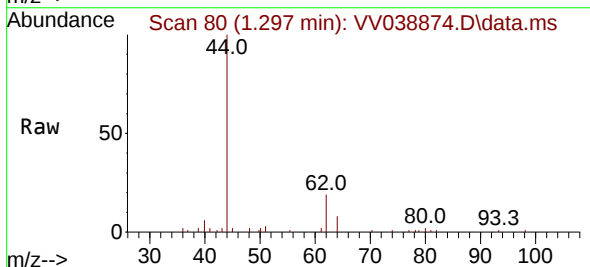
Instrument :
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ClientSampleId :
MDL04

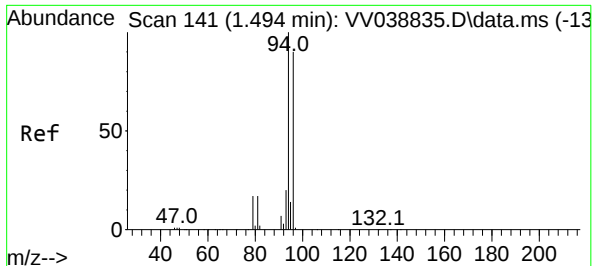
Tgt Ion: 50 Resp: 3198
Ion Ratio Lower Upper
50 100
52 34.7 26.7 40.1



#4
Vinyl Chloride
Concen: 0.545 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 62 Resp: 2454
Ion Ratio Lower Upper
62 100
64 41.4 25.5 38.3#

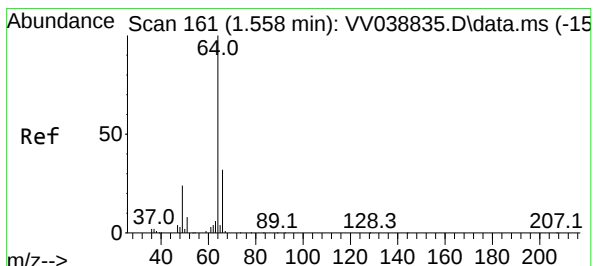
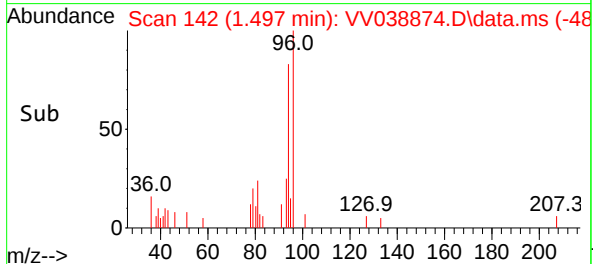
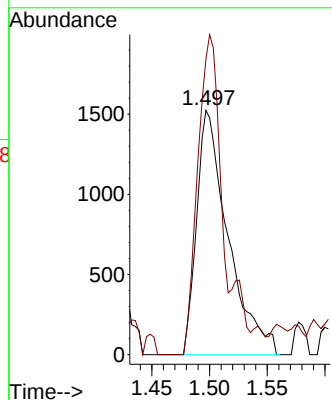
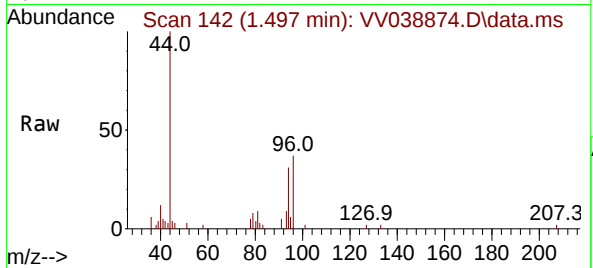




#5
Bromomethane
Concen: 1.047 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

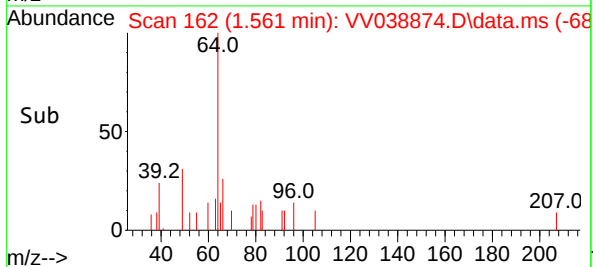
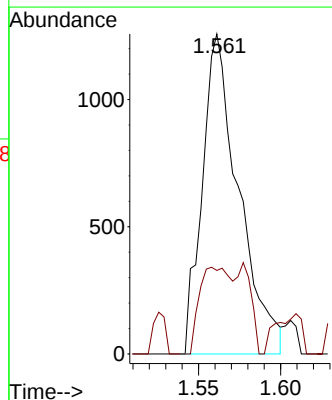
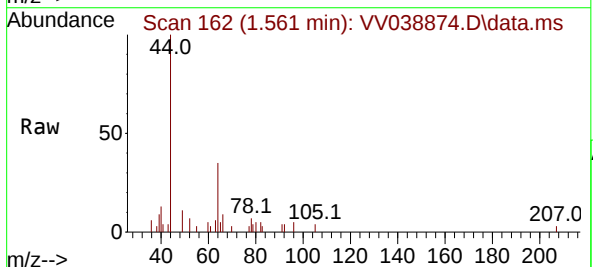
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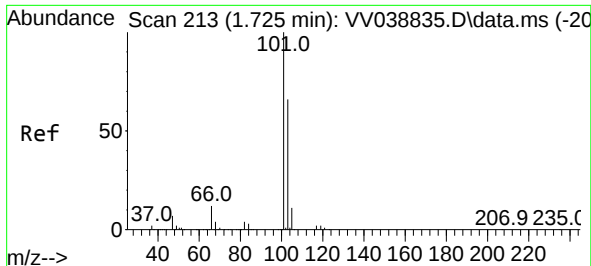
Tgt Ion: 94 Resp: 2877
Ion Ratio Lower Upper
94 100
96 121.1 72.2 108.4#



#6
Chloroethane
Concen: 0.642 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 64 Resp: 1938
Ion Ratio Lower Upper
64 100
66 26.1 25.4 38.0

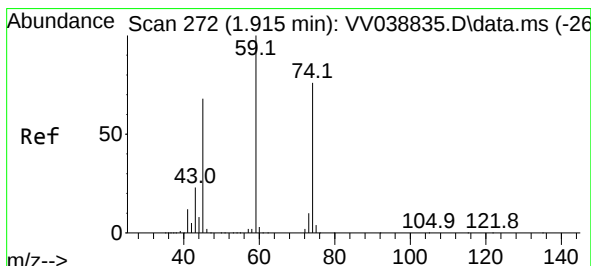
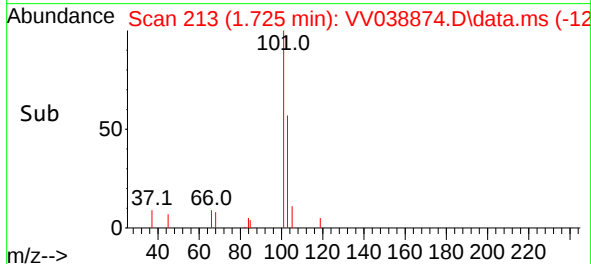
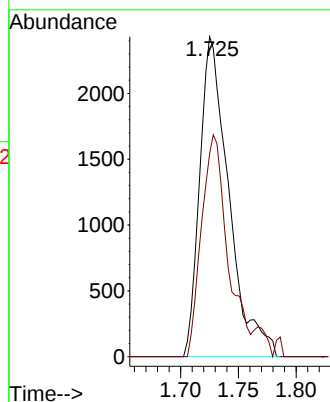
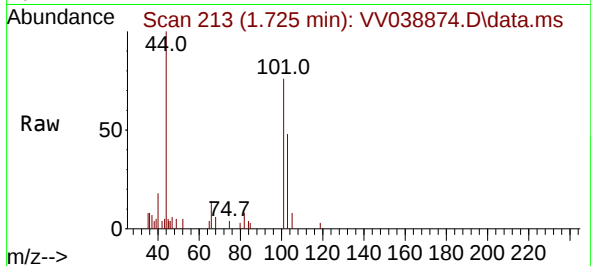




#7
 Trichlorofluoromethane
 Concen: 0.533 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

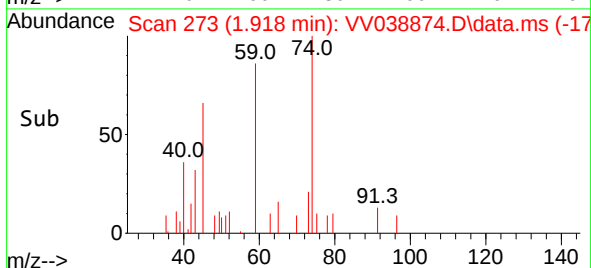
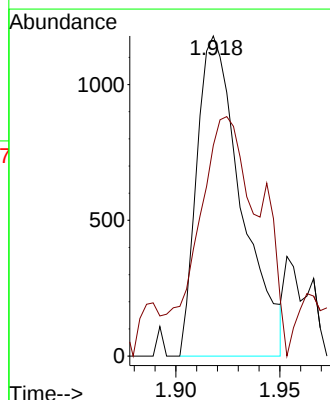
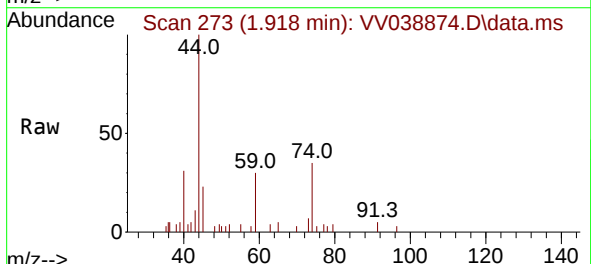
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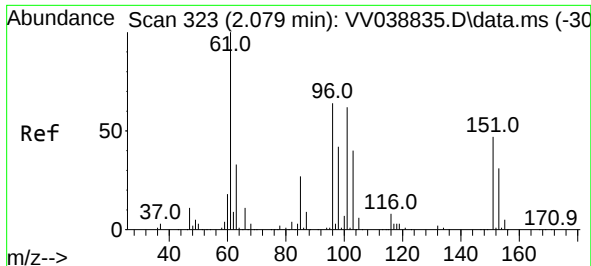
Tgt Ion:101 Resp: 4250
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.8 79.2



#8
 Diethyl Ether
 Concen: 0.632 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

Tgt Ion: 74 Resp: 1752
 Ion Ratio Lower Upper
 74 100
 45 86.7 43.9 131.7

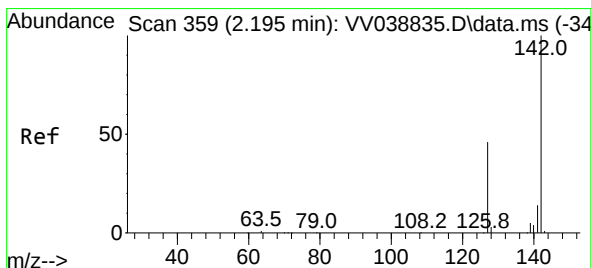
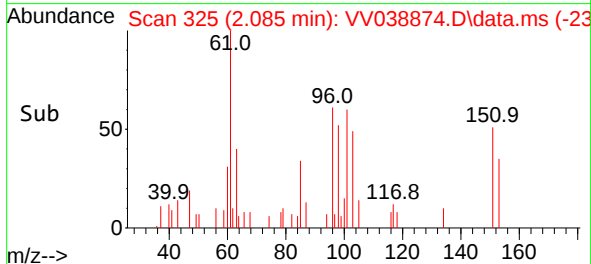
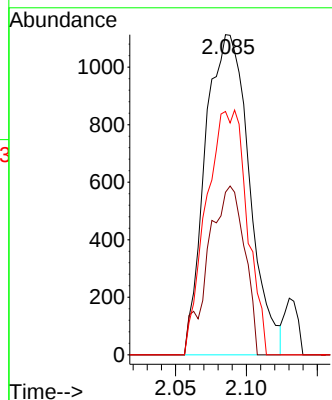
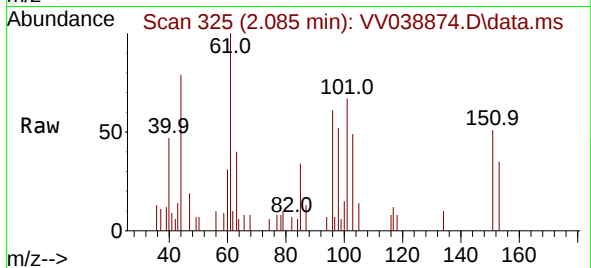




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.534 ug/l
RT: 2.085 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

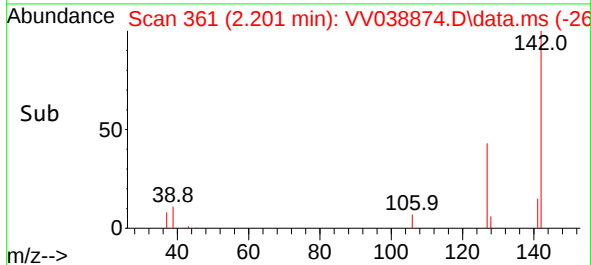
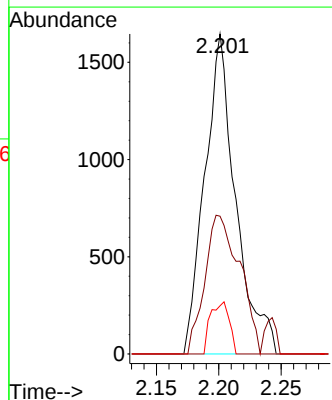
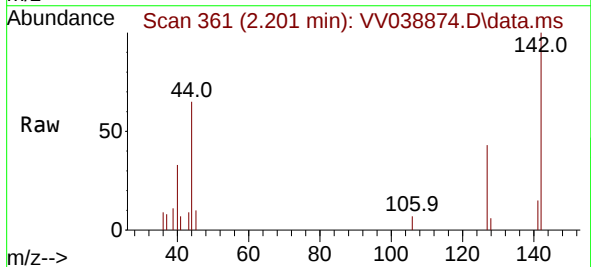
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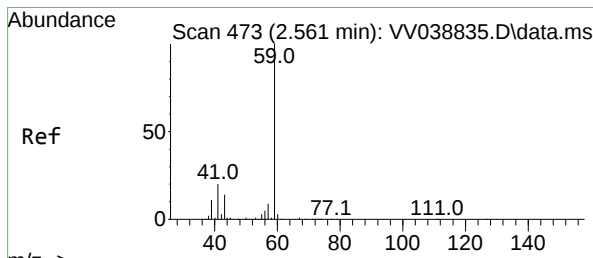
Tgt Ion:101 Resp: 2406
Ion Ratio Lower Upper
101 100
85 43.7 34.6 52.0
151 70.8 60.4 90.6



#10
Methyl Iodide
Concen: 0.497 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:142 Resp: 2838
Ion Ratio Lower Upper
142 100
127 48.8 36.9 55.3
141 9.9 11.8 17.8#

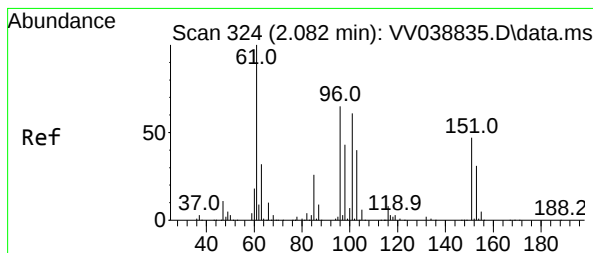
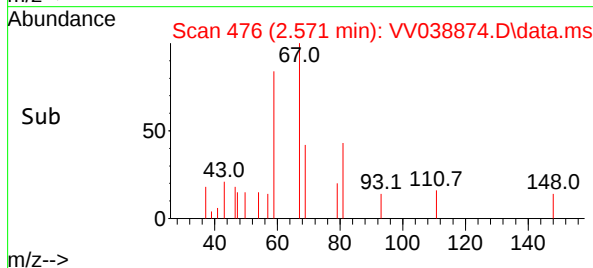
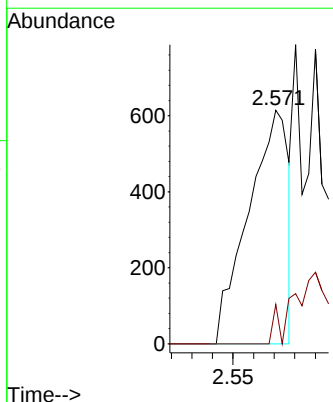
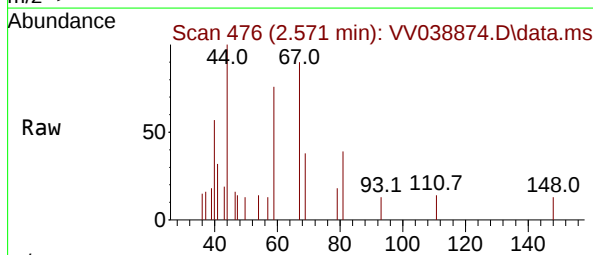




#11
Tert butyl alcohol
Concen: 1.360 ug/l
RT: 2.571 min Scan# 411
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

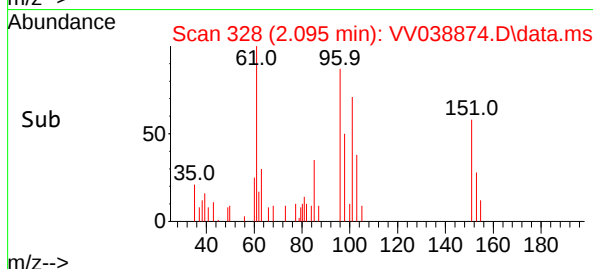
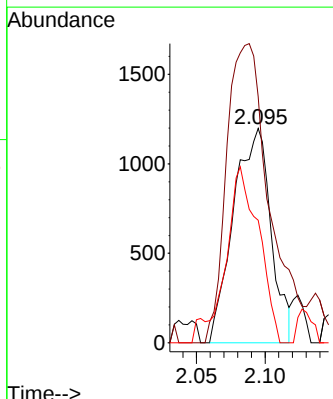
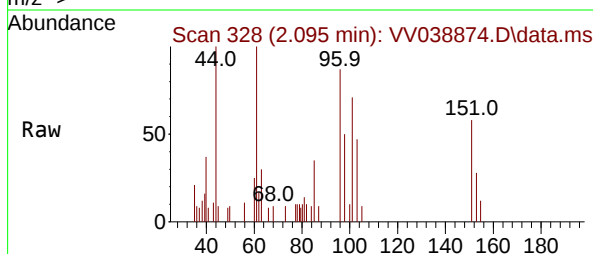
Instrument : MSVOA_V
ClientSampleId : MDL04

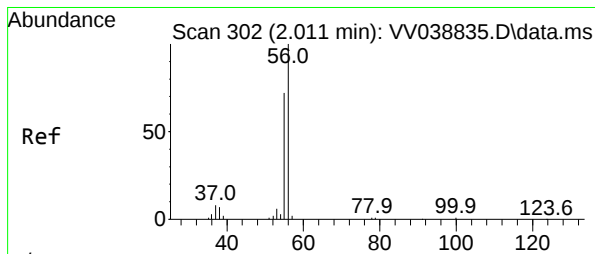
Tgt Ion: 59 Resp: 827
Ion Ratio Lower Upper
59 100
57 24.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.532 ug/l
RT: 2.095 min Scan# 328
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 96 Resp: 2280
Ion Ratio Lower Upper
96 100
61 105.3 123.5 185.3#
98 57.2 52.5 78.7

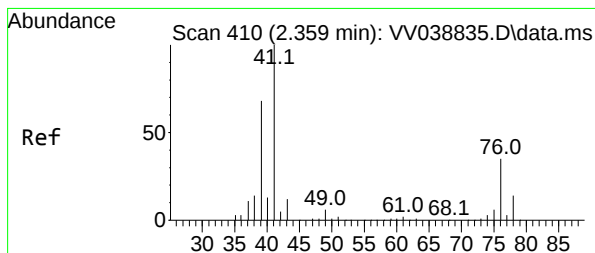
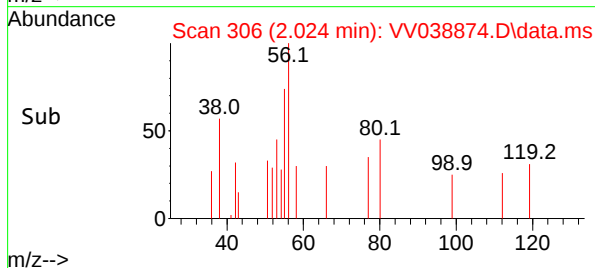
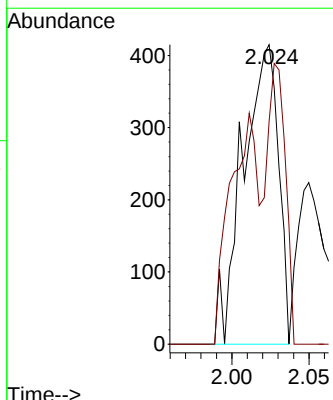
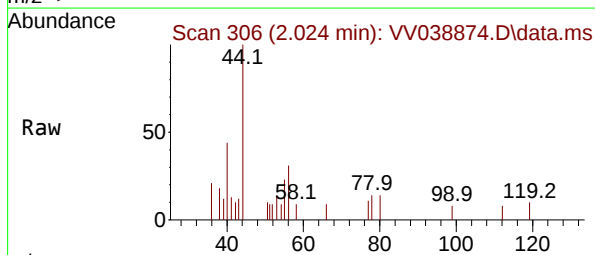




#13
Acrolein
Concen: 4.346 ug/l
RT: 2.024 min Scan# 3
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

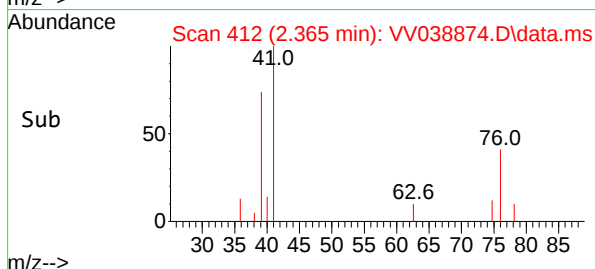
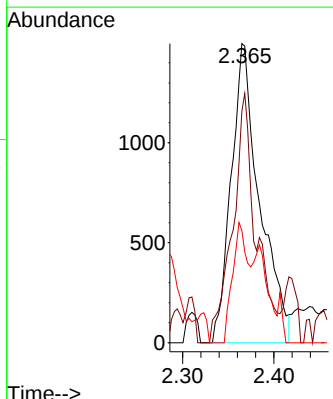
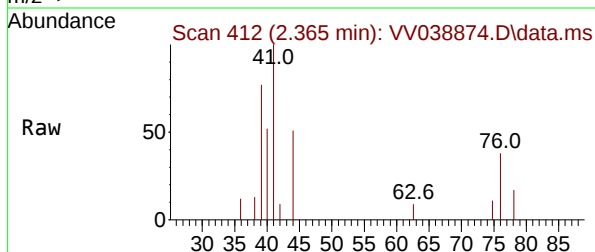
Instrument :
MSVOA_V
ClientSampleId :
MDL04

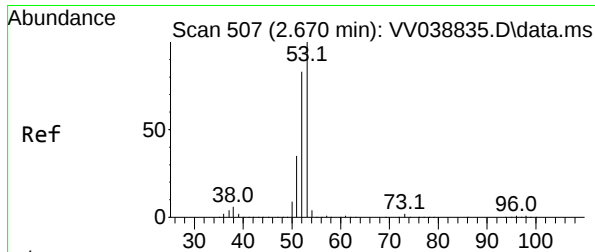
Tgt Ion: 56 Resp: 660
Ion Ratio Lower Upper
56 100
55 50.6 53.4 80.2#



#14
Allyl chloride
Concen: 0.563 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 41 Resp: 3243
Ion Ratio Lower Upper
41 100
39 68.7 51.0 76.4
76 21.7 33.6 50.4#

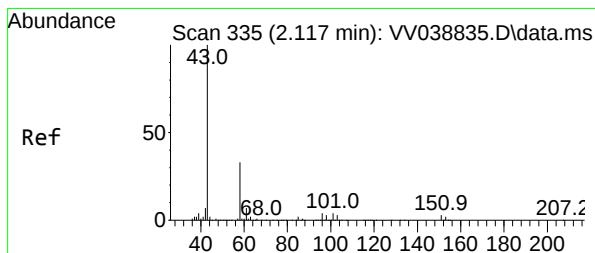
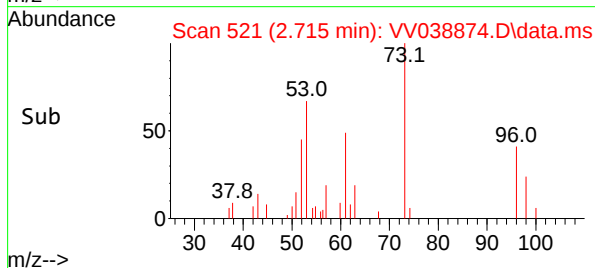
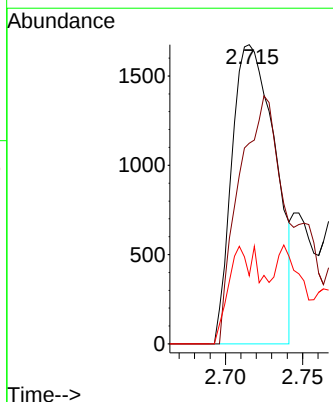
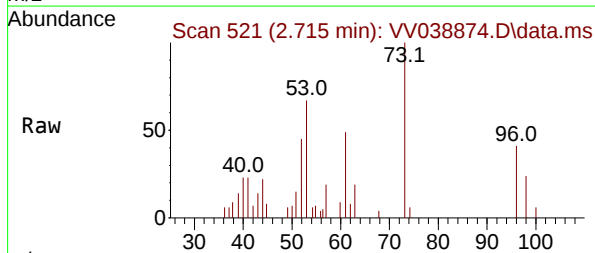




#15
Acrylonitrile
Concen: 1.541 ug/l
RT: 2.715 min Scan# 51
Delta R.T. 0.045 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

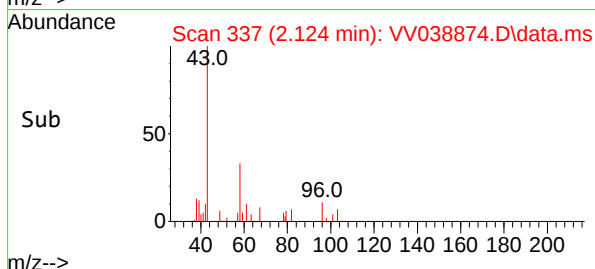
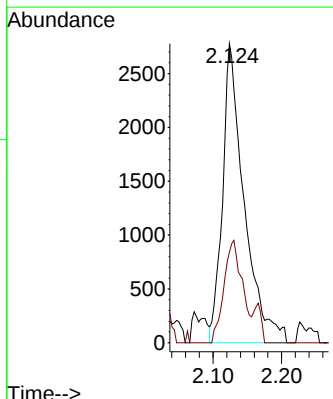
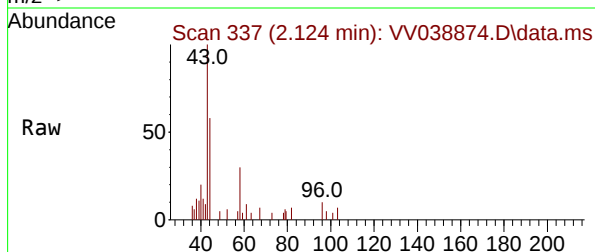
Instrument :
MSVOA_V
ClientSampleId :
MDL04

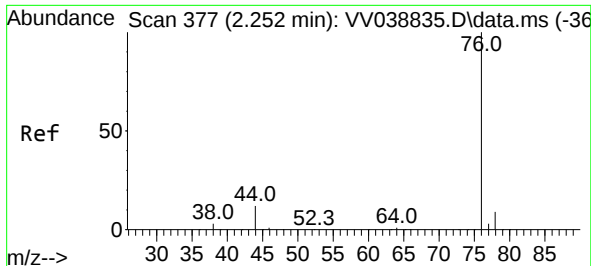
Tgt Ion: 53 Resp: 3279
Ion Ratio Lower Upper
53 100
52 0.0 65.8 98.6#
51 15.2 28.5 42.7#



#16
Acetone
Concen: 3.906 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 43 Resp: 6066
Ion Ratio Lower Upper
43 100
58 30.3 27.0 40.4

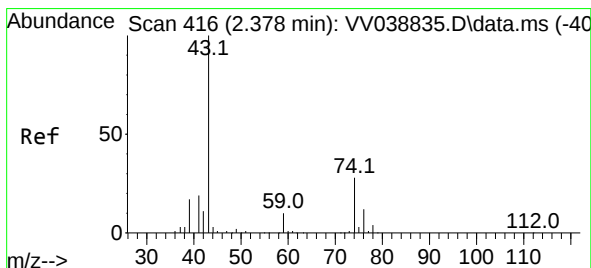
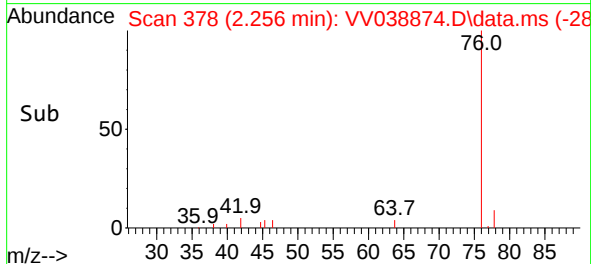
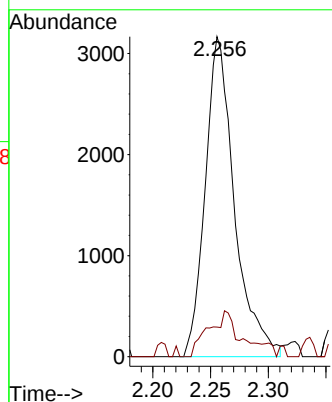
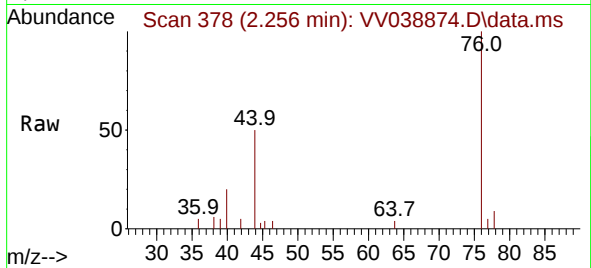




#17
Carbon Disulfide
Concen: 0.562 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

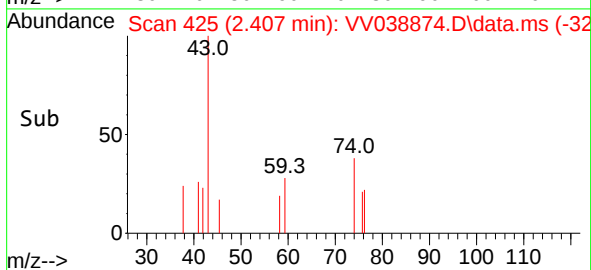
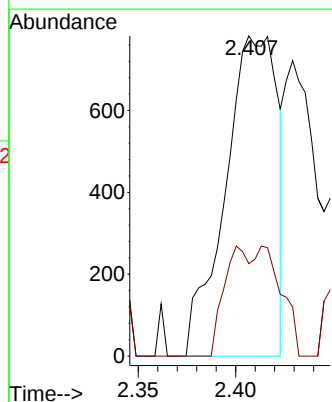
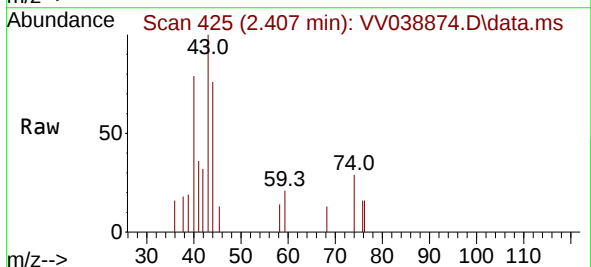
Instrument :
MSVOA_V
ClientSampleId :
MDL04

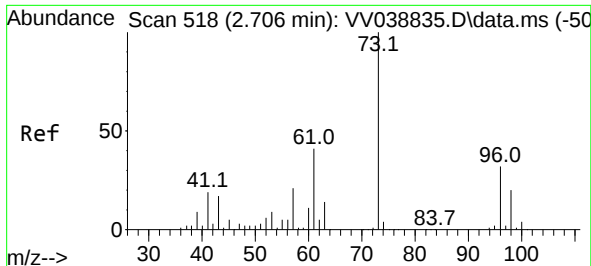
Tgt Ion: 76 Resp: 5570
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 0.275 ug/l
RT: 2.407 min Scan# 425
Delta R.T. 0.029 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
74 16.6 21.4 32.0#

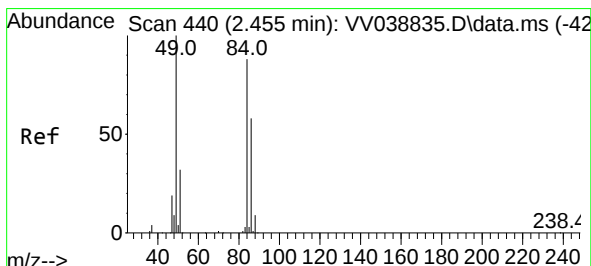
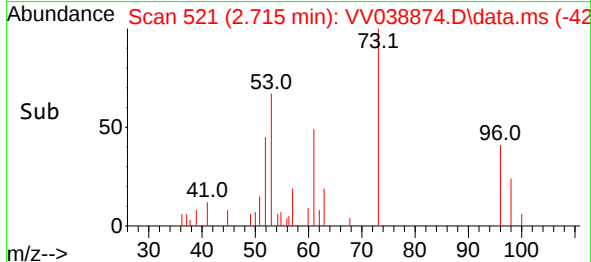
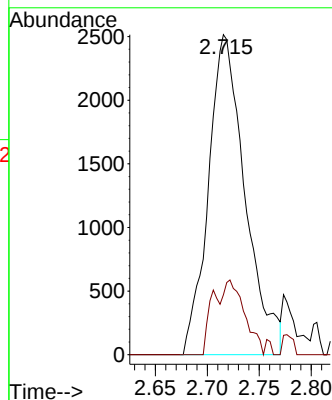
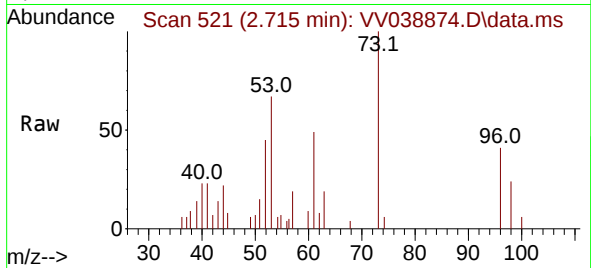




#19
Methyl tert-butyl Ether
Concen: 0.466 ug/l
RT: 2.715 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

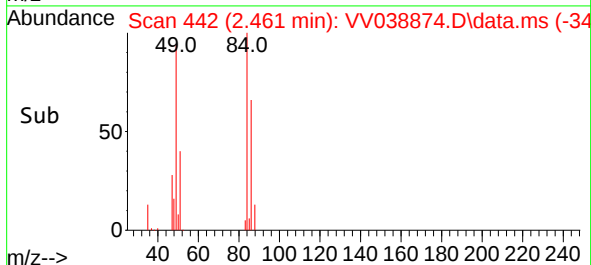
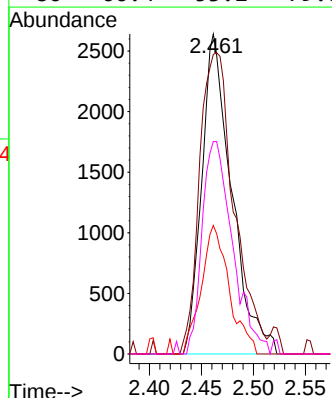
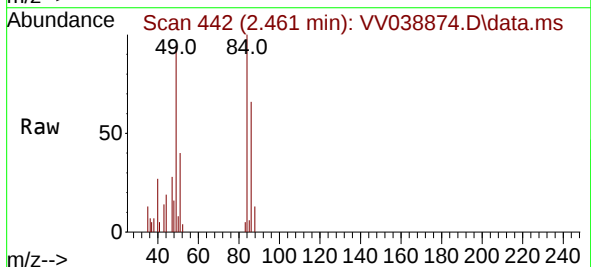
Instrument :
MSVOA_V
ClientSampleId :
MDL04

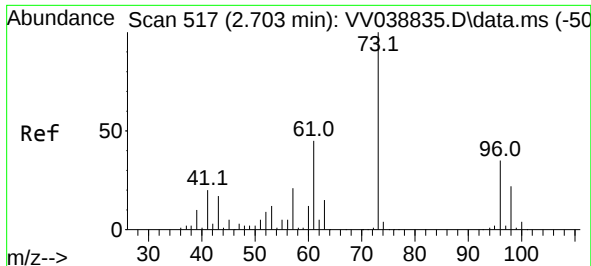
Tgt Ion: 73 Resp: 6169
Ion Ratio Lower Upper
73 100
57 18.7 17.0 25.4



#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 84 Resp: 5269
Ion Ratio Lower Upper
84 100
49 93.6 91.0 136.4
51 40.1 29.4 44.2
86 66.4 53.2 79.8

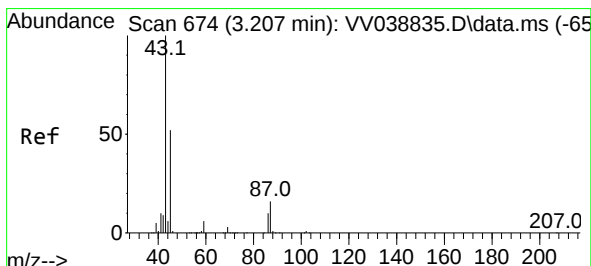
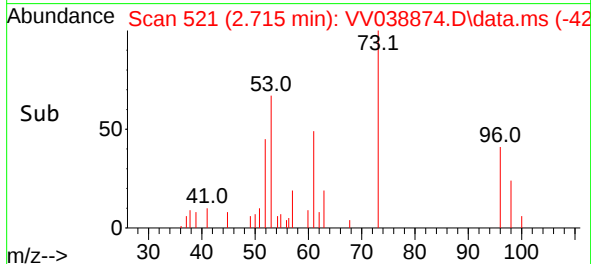
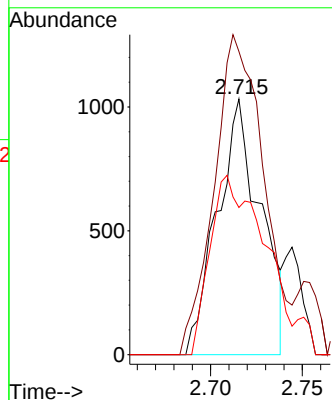
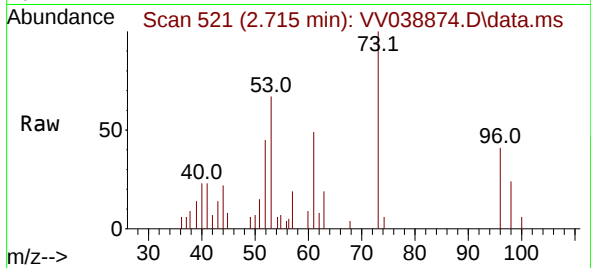




#21
trans-1,2-Dichloroethene
Concen: 0.395 ug/l
RT: 2.715 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

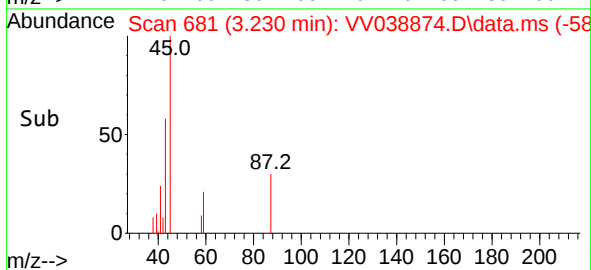
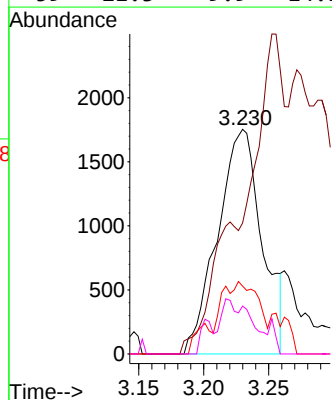
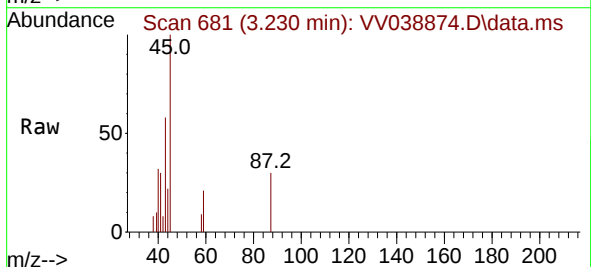
Instrument :
MSVOA_V
ClientSampleId :
MDL04

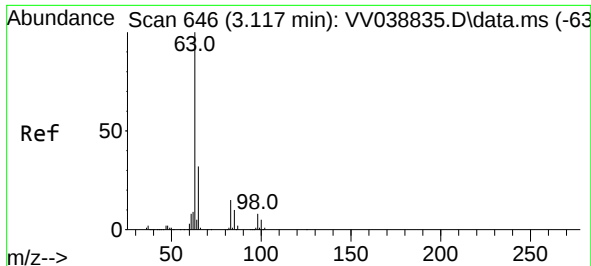
Tgt Ion: 96 Resp: 1692
Ion Ratio Lower Upper
96 100
61 118.6 102.8 154.2
98 57.6 50.9 76.3



#22
Diisopropyl ether
Concen: 0.353 ug/l
RT: 3.230 min Scan# 681
Delta R.T. 0.022 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 45 Resp: 4167
Ion Ratio Lower Upper
45 100
43 58.4 153.1 229.7#
87 30.2 25.2 37.8
59 21.3 9.9 14.9#

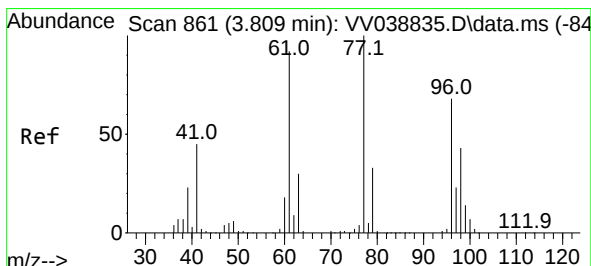
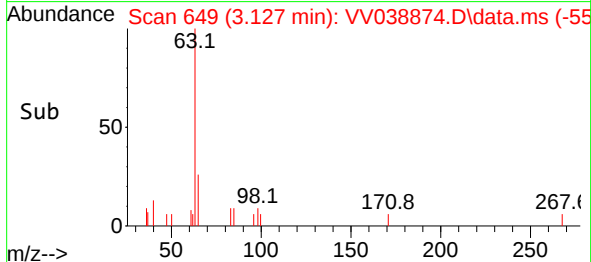
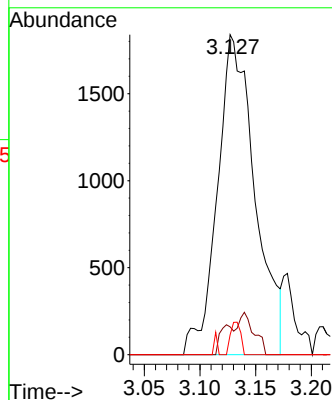
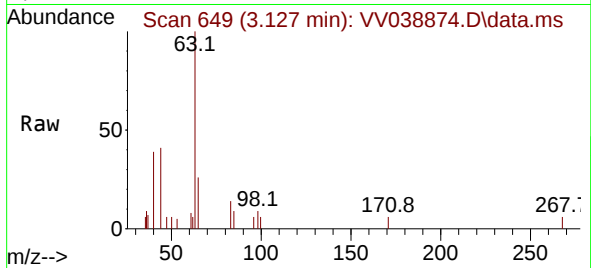




#24
1,1-Dichloroethane
Concen: 0.541 ug/l
RT: 3.127 min Scan# 646
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

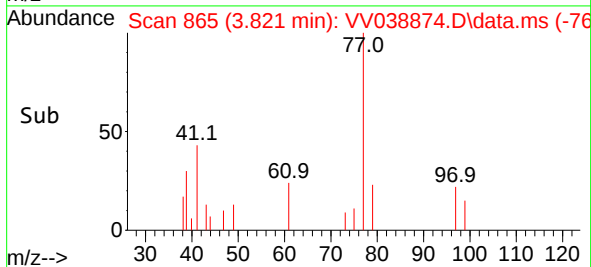
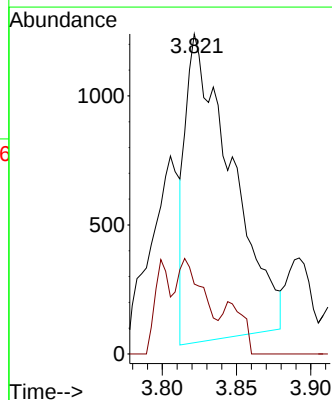
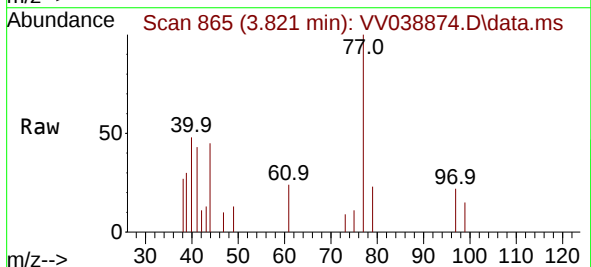
Instrument :
MSVOA_V
ClientSampleId :
MDL04

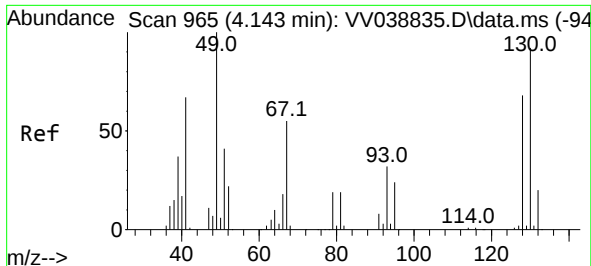
Tgt Ion:	63	Resp:	4309
Ion	Ratio	Lower	Upper
63	100		
98	8.7	4.1	12.3
100	6.2	2.4	7.2



#26
2,2-Dichloropropane
Concen: 0.344 ug/l
RT: 3.821 min Scan# 865
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

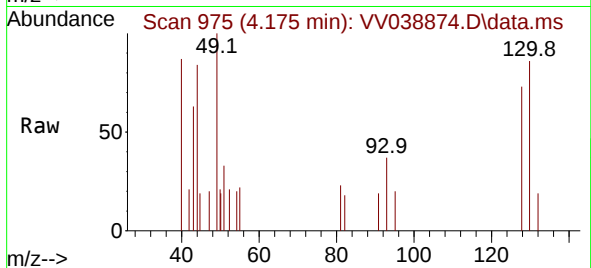
Tgt Ion:	77	Resp:	2541
Ion	Ratio	Lower	Upper
77	100		
97	17.4	11.5	34.4



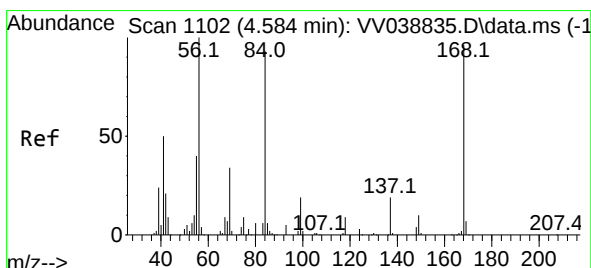
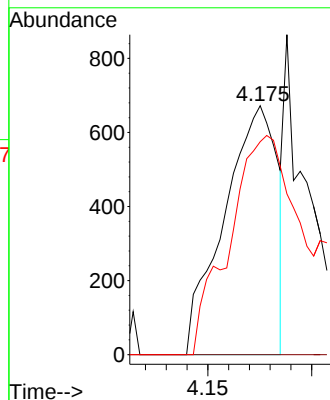
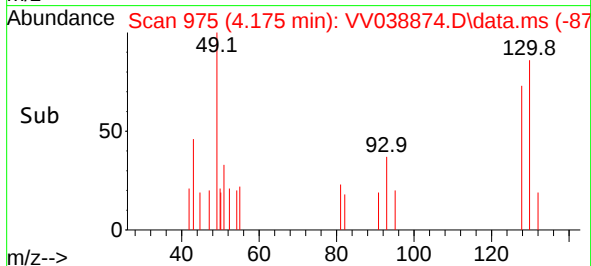


#28
Bromochloromethane
Concen: 0.351 ug/l
RT: 4.175 min Scan# 91
Delta R.T. 0.032 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

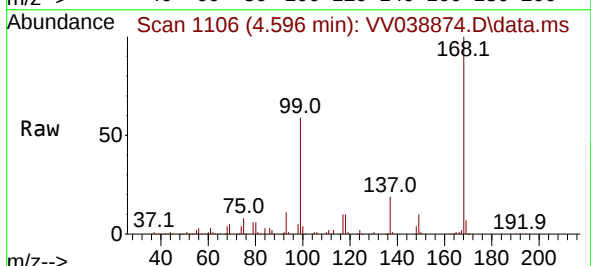
Instrument :
MSVOA_V
ClientSampleId :
MDL04



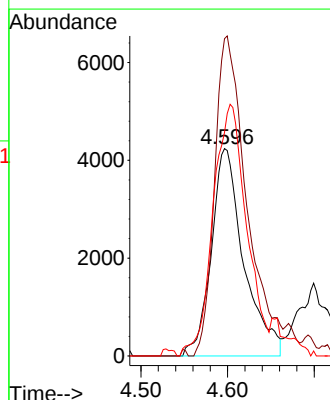
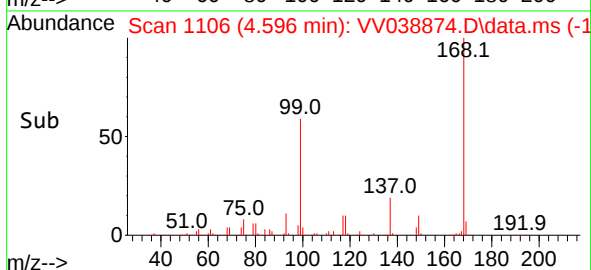
Tgt Ion: 49 Resp: 1193
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 111.7 72.5 108.7#

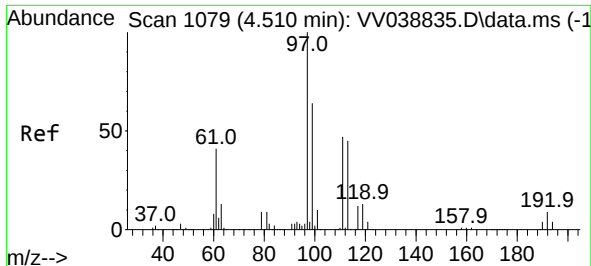


#31
Cyclohexane
Concen: 1.749 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52



Tgt Ion: 56 Resp: 11023
Ion Ratio Lower Upper
56 100
69 152.9 27.0 40.4#
84 107.8 74.4 111.6





#32

1,1,1-Trichloroethane

Concen: 0.552 ug/l

RT: 4.516 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

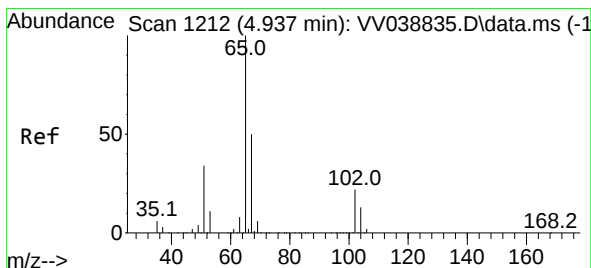
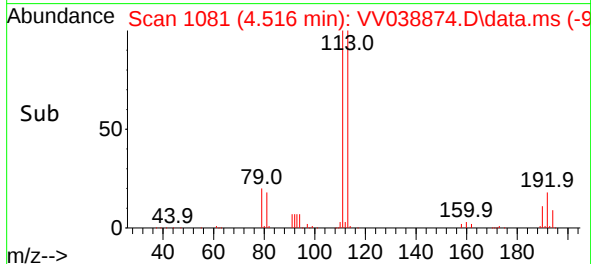
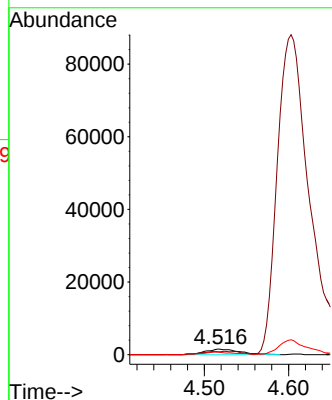
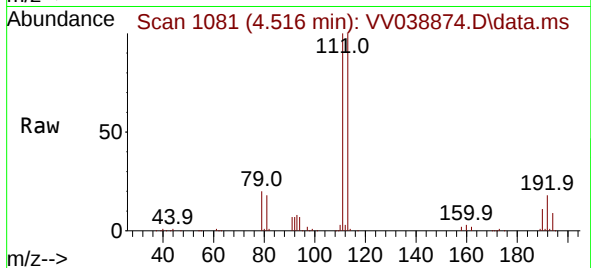
Tgt Ion: 97 Resp: 4444

Ion Ratio Lower Upper

97 100

99 0.0 48.8 73.2#

61 27.9 31.8 47.8#



#33

1,2-Dichloroethane-d4

Concen: 57.715 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV038874.D

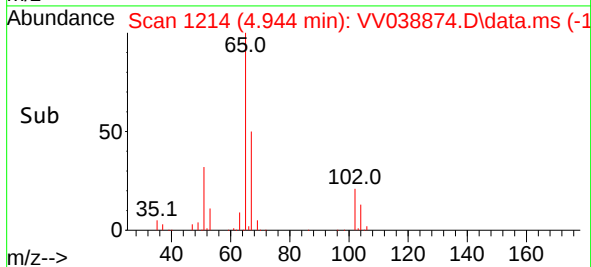
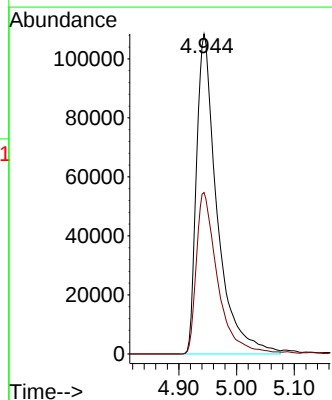
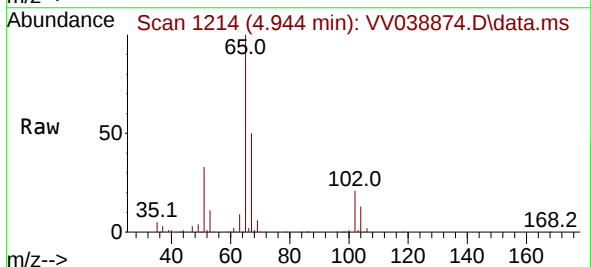
Acq: 07 Jul 2025 16:52

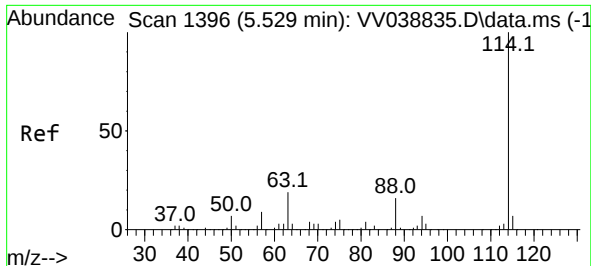
Tgt Ion: 65 Resp: 268940

Ion Ratio Lower Upper

65 100

67 51.8 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: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

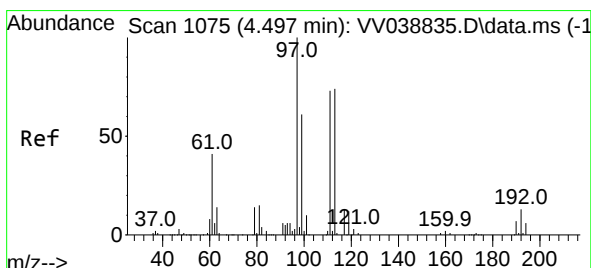
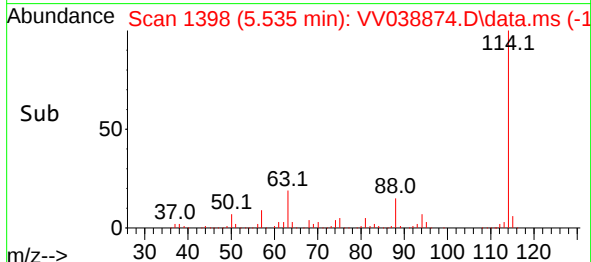
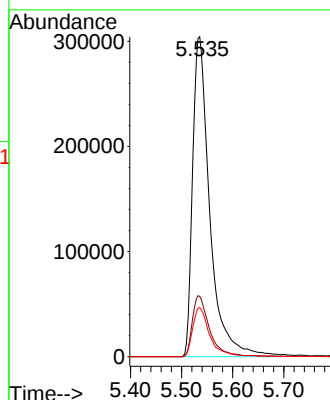
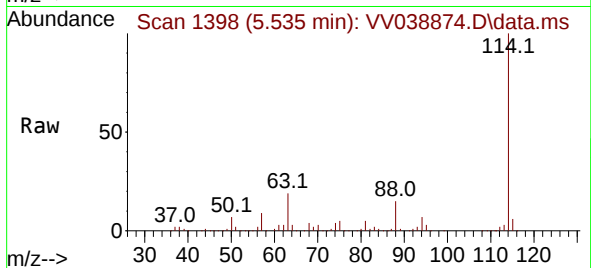
Tgt Ion:114 Resp: 711003

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 53.838 ug/l

RT: 4.506 min Scan# 1078

Delta R.T. 0.010 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

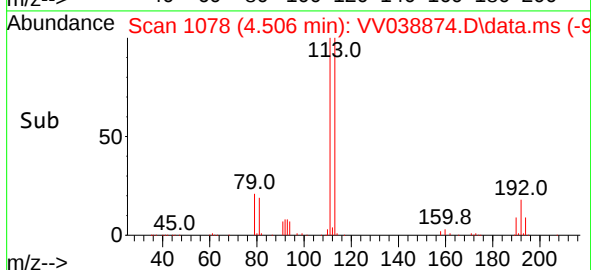
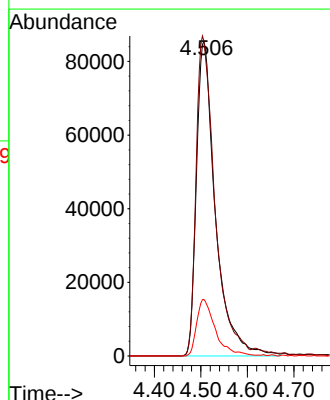
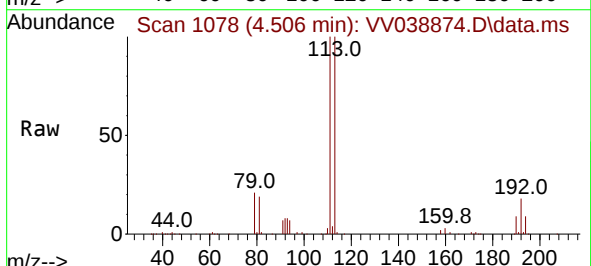
Tgt Ion:113 Resp: 242469

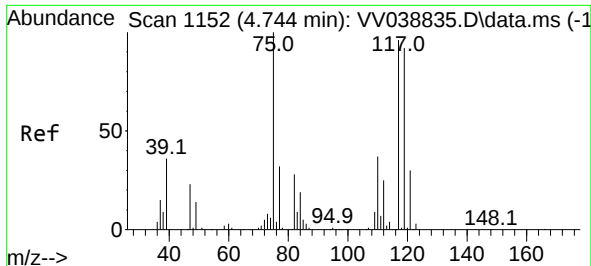
Ion Ratio Lower Upper

113 100

111 100.4 81.5 122.3

192 17.1 14.7 22.1

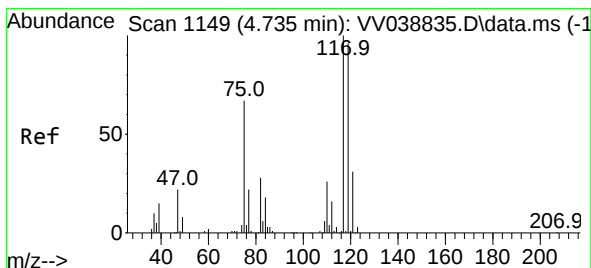
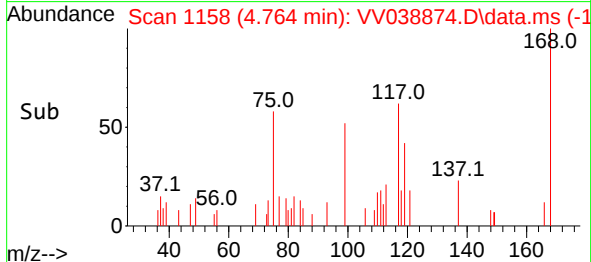
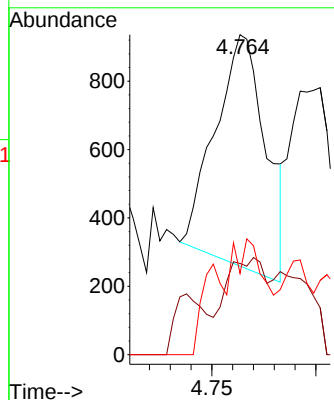
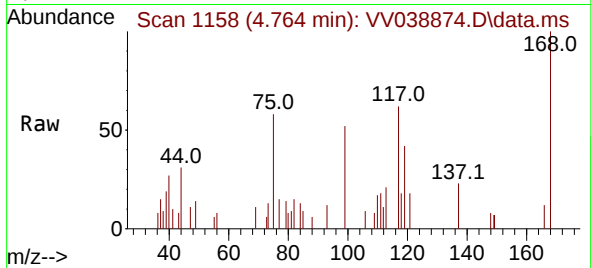




#36
1,1-Dichloropropene
Concen: 0.208 ug/l
RT: 4.764 min Scan# 1158
Delta R.T. 0.019 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

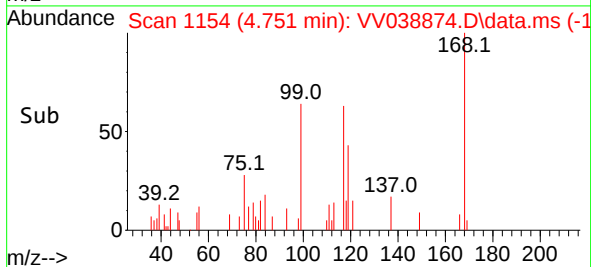
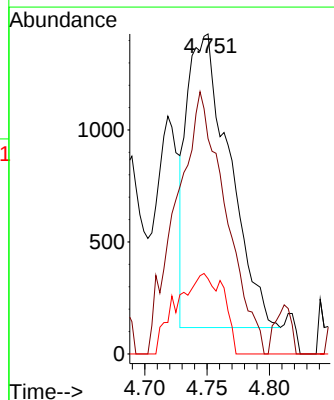
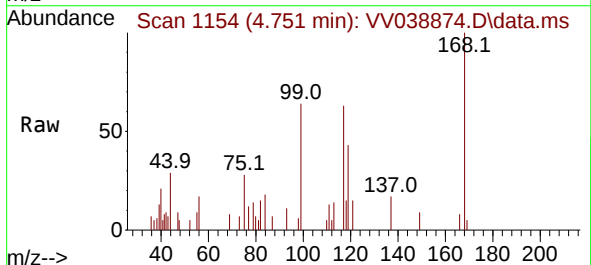
Instrument :
MSVOA_V
ClientSampleId :
MDL04

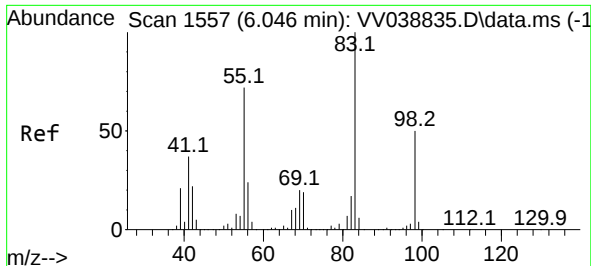
Tgt Ion: 75 Resp: 1136
Ion Ratio Lower Upper
75 100
110 20.1 19.3 57.9
77 20.6 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 0.432 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.016 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 117 Resp: 3104
Ion Ratio Lower Upper
117 100
119 59.6 76.5 114.7#
121 25.6 25.0 37.6





#39

Methylcyclohexane

Concen: 0.276 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

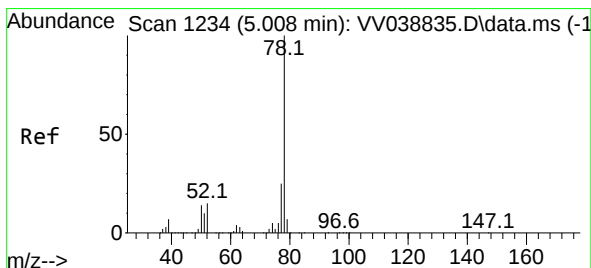
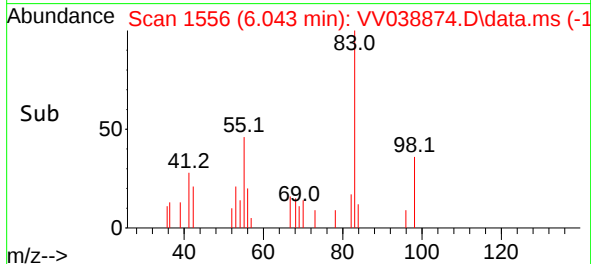
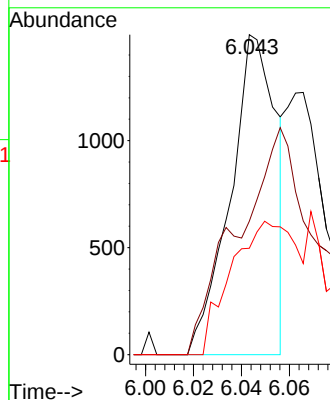
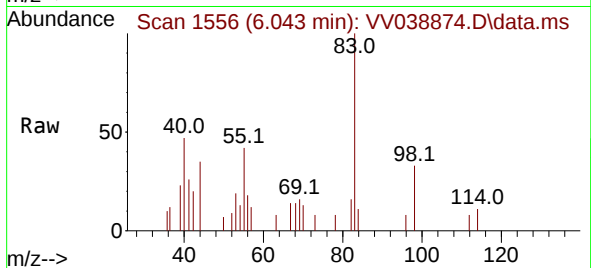
Tgt Ion: 83 Resp: 1972

Ion Ratio Lower Upper

83 100

55 41.7 57.7 86.5#

98 33.2 40.2 60.2#



#40

Benzene

Concen: 0.382 ug/l

RT: 5.047 min Scan# 1246

Delta R.T. 0.039 min

Lab File: VV038874.D

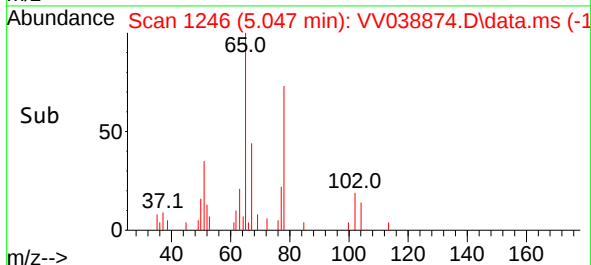
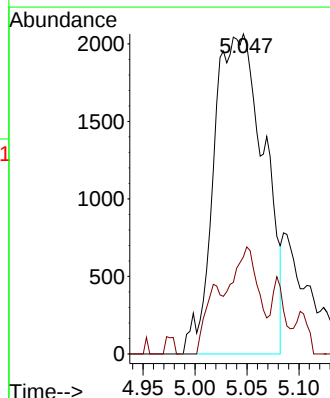
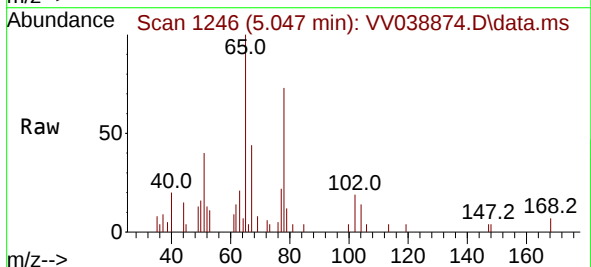
Acq: 07 Jul 2025 16:52

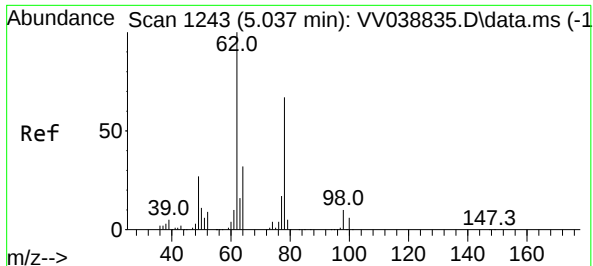
Tgt Ion: 78 Resp: 6899

Ion Ratio Lower Upper

78 100

77 30.3 19.6 29.4#

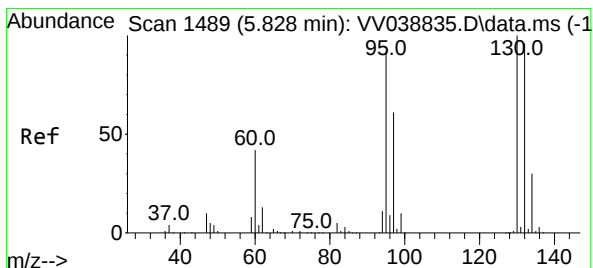
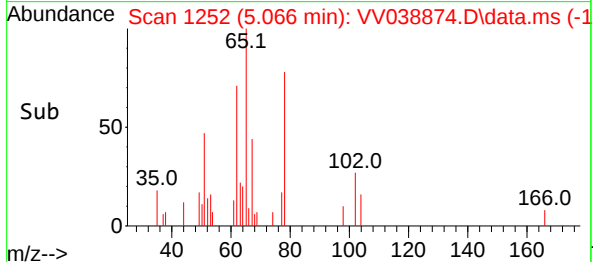
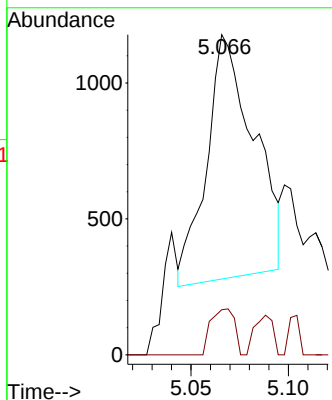
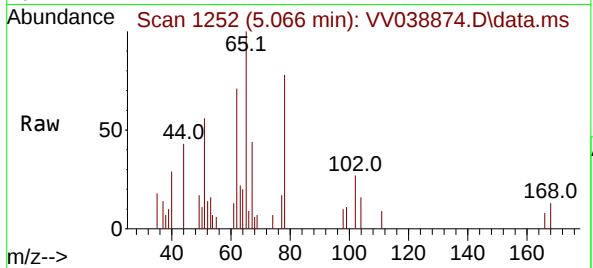




#42
1,2-Dichloroethane
Concen: 0.236 ug/l
RT: 5.066 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

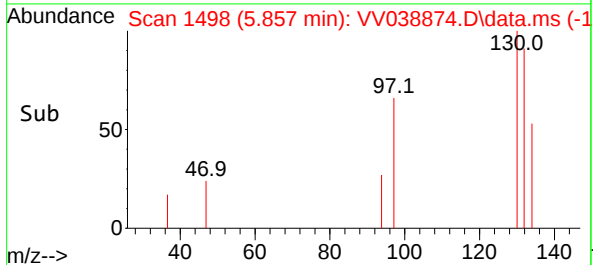
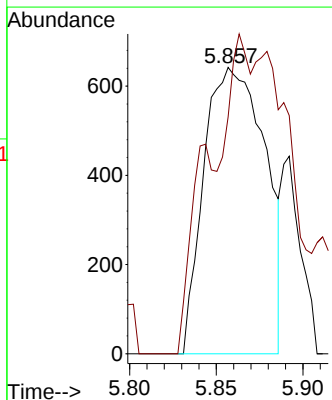
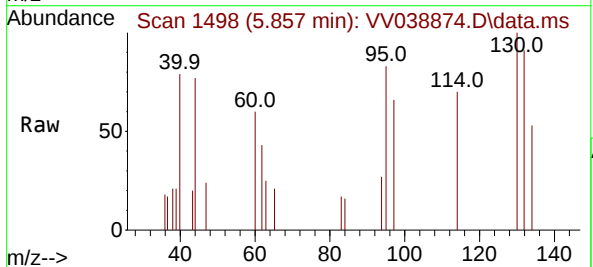
Instrument :
MSVOA_V
ClientSampleId :
MDL04

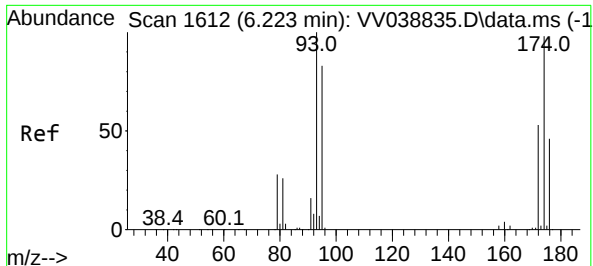
Tgt Ion: 62 Resp: 1509
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0



#44
Trichloroethene
Concen: 0.334 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.029 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:130 Resp: 1574
Ion Ratio Lower Upper
130 100
95 82.7 0.0 184.4

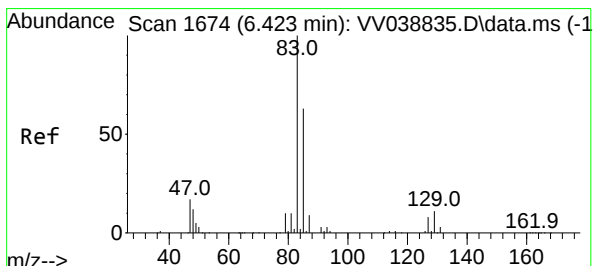
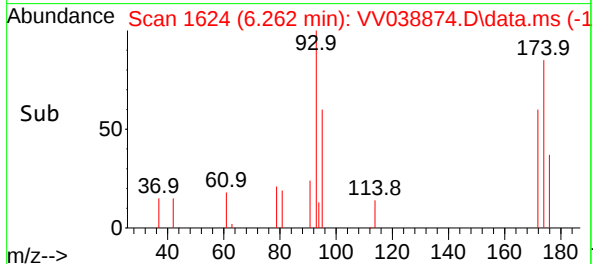
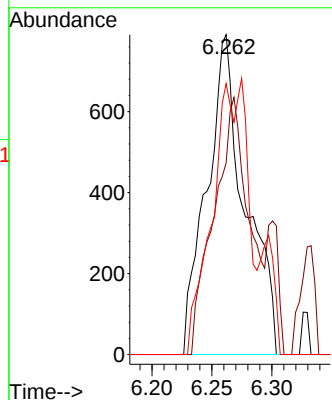
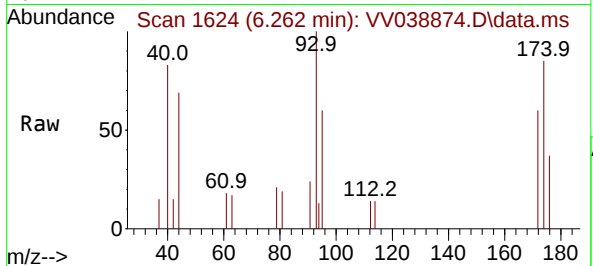




#46
Dibromomethane
Concen: 0.490 ug/l
RT: 6.262 min Scan# 1624
Delta R.T. 0.039 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

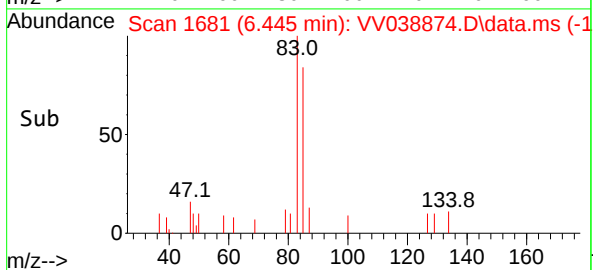
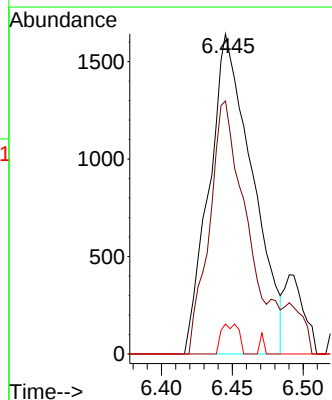
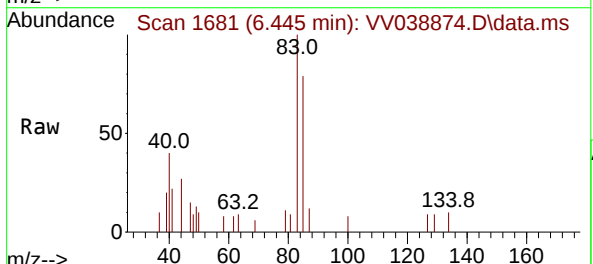
Instrument :
MSVOA_V
ClientSampleId :
MDL04

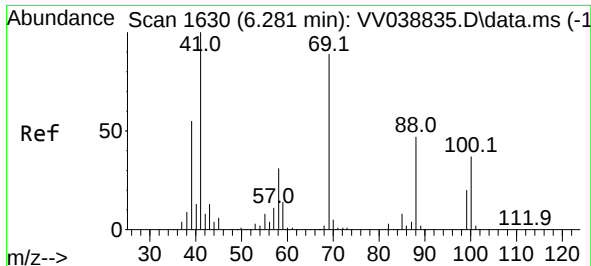
Tgt Ion: 93 Resp: 1753
Ion Ratio Lower Upper
93 100
95 74.4 66.7 100.1
174 50.4 78.7 118.1#



#47
Bromodichloromethane
Concen: 0.460 ug/l
RT: 6.445 min Scan# 1681
Delta R.T. 0.022 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 83 Resp: 3482
Ion Ratio Lower Upper
83 100
85 79.0 50.1 75.1#
127 9.4 6.6 10.0





#49

1,4-Dioxane

Concen: 2.831 ug/l

RT: 6.342 min Scan# 1

Delta R.T. 0.061 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

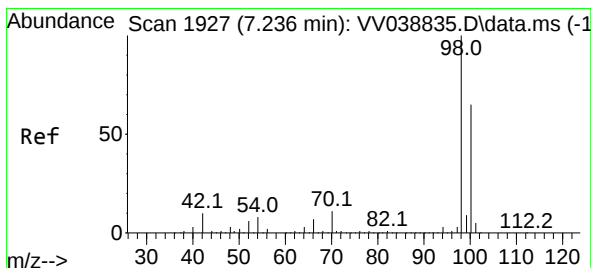
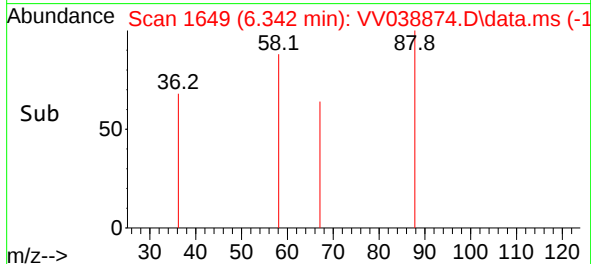
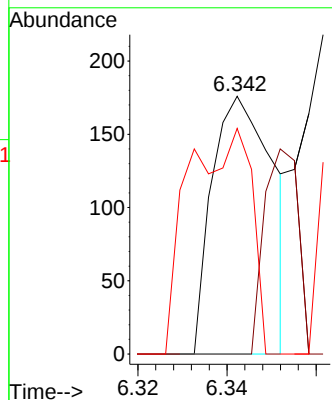
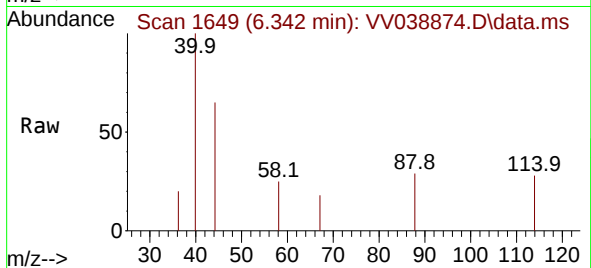
Tgt Ion: 88 Resp: 166

Ion Ratio Lower Upper

88 100

43 44.6 25.2 37.8#

58 91.0 52.1 78.1#



#50

Toluene-d8

Concen: 46.496 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV038874.D

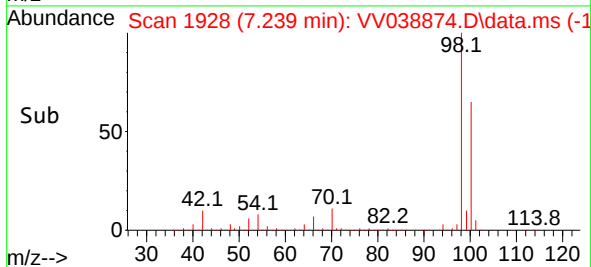
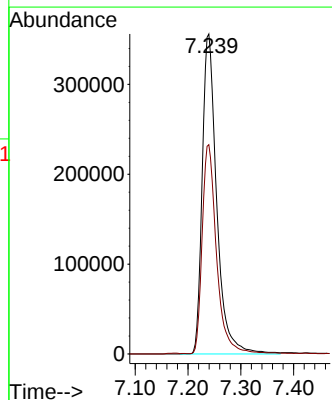
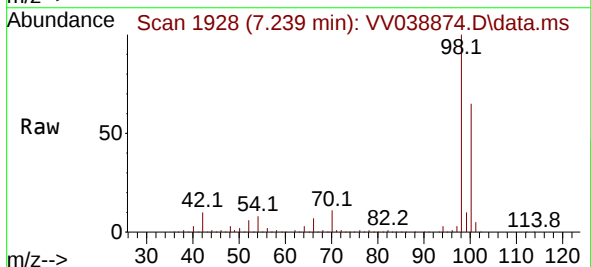
Acq: 07 Jul 2025 16:52

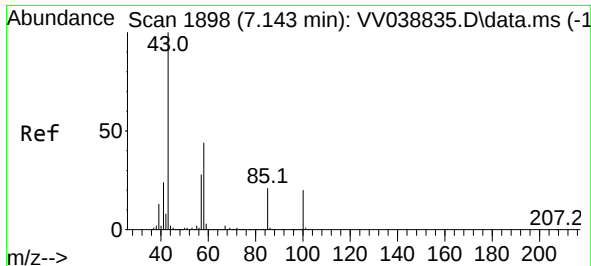
Tgt Ion: 98 Resp: 677504

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 1.511 ug/l

RT: 7.169 min Scan# 1906

Delta R.T. 0.026 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

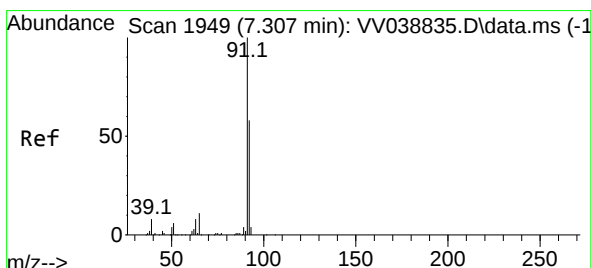
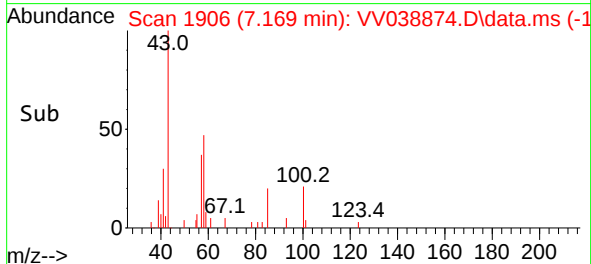
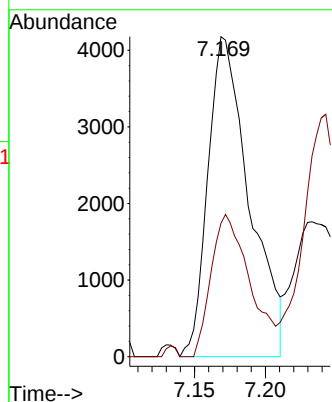
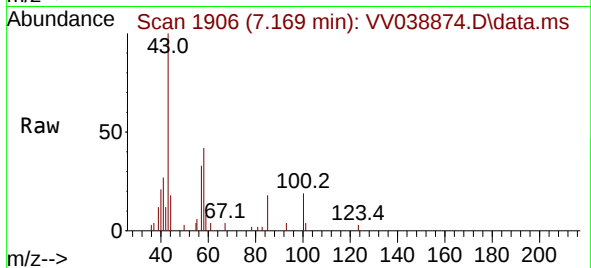
MDL04

Tgt Ion: 43 Resp: 8484

Ion Ratio Lower Upper

43 100

58 41.7 34.4 51.6



#52

Toluene

Concen: 0.495 ug/l

RT: 7.329 min Scan# 1956

Delta R.T. 0.022 min

Lab File: VV038874.D

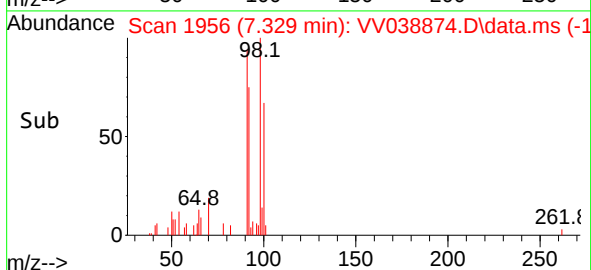
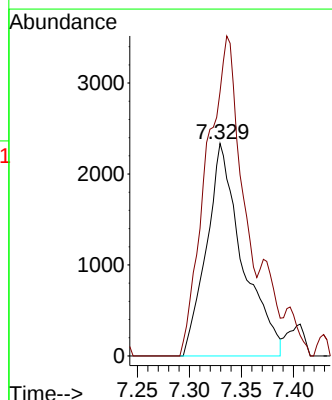
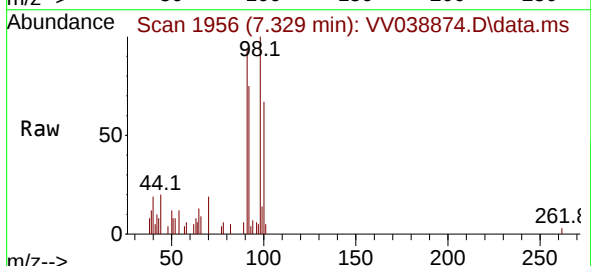
Acq: 07 Jul 2025 16:52

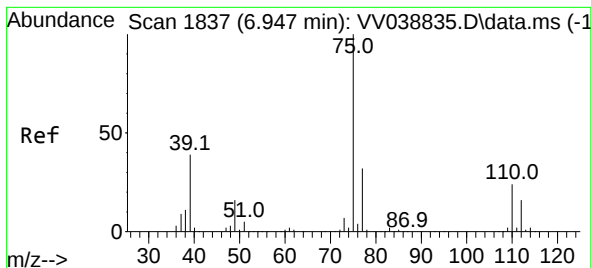
Tgt Ion: 92 Resp: 5586

Ion Ratio Lower Upper

92 100

91 149.4 138.5 207.7

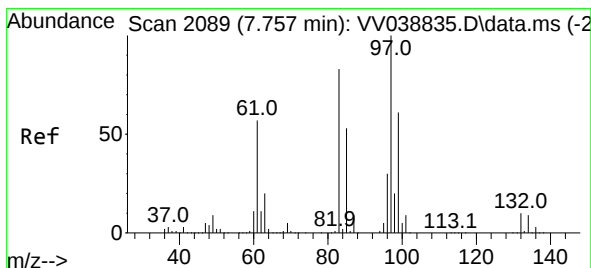
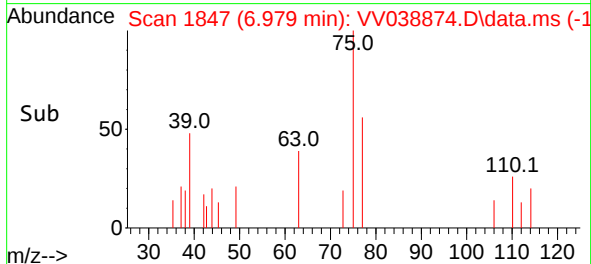
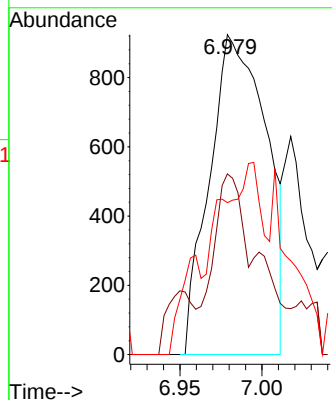
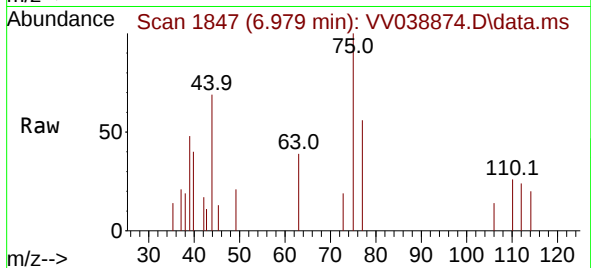




#54
 cis-1,3-Dichloropropene
 Concen: 0.301 ug/l
 RT: 6.979 min Scan# 1847
 Delta R.T. 0.032 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

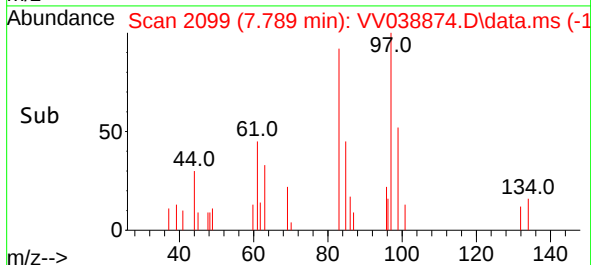
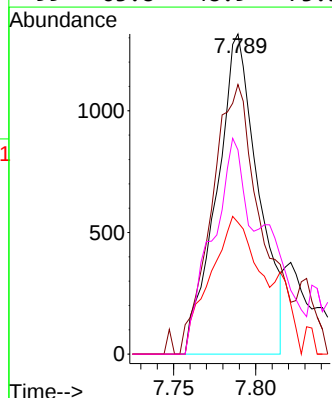
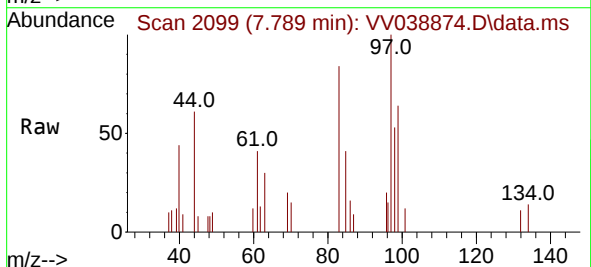
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

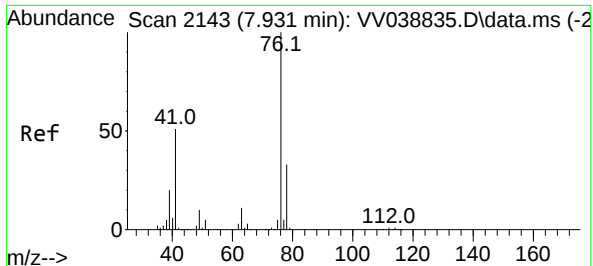
Tgt Ion: 75 Resp: 2229
 Ion Ratio Lower Upper
 75 100
 77 40.5 25.8 38.8#
 39 30.3 31.3 46.9#



#55
 1,1,2-Trichloroethane
 Concen: 0.470 ug/l
 RT: 7.789 min Scan# 2099
 Delta R.T. 0.032 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

Tgt Ion: 97 Resp: 2319
 Ion Ratio Lower Upper
 97 100
 83 84.2 66.2 99.4
 85 41.1 42.2 63.4#
 99 63.8 48.9 73.3





#57

1,3-Dichloropropane

Concen: 0.221 ug/l

RT: 7.956 min Scan# 2143

Delta R.T. 0.026 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

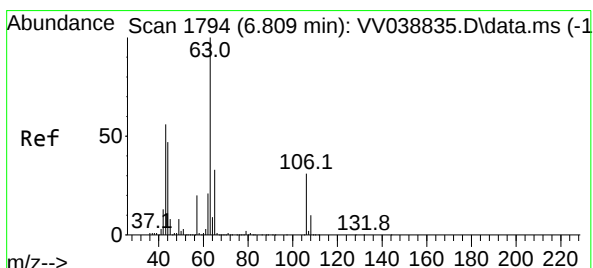
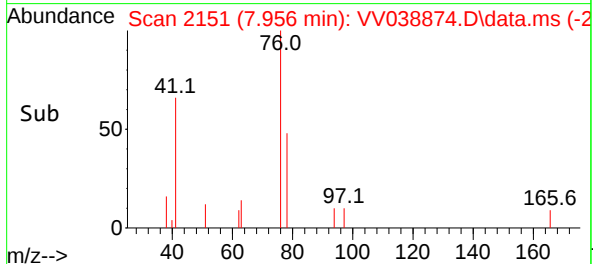
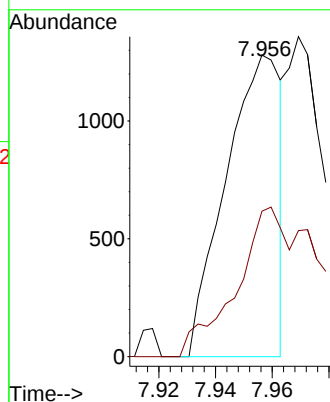
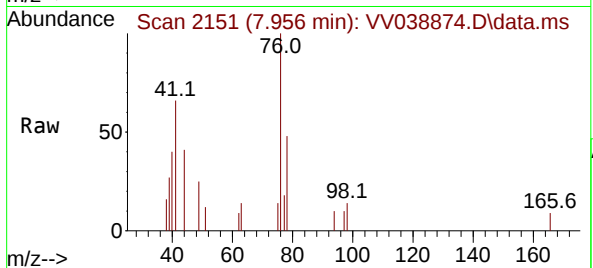
MDL04

Tgt Ion: 76 Resp: 1717

Ion Ratio Lower Upper

76 100

78 45.8 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.792 ug/l

RT: 6.854 min Scan# 1808

Delta R.T. 0.045 min

Lab File: VV038874.D

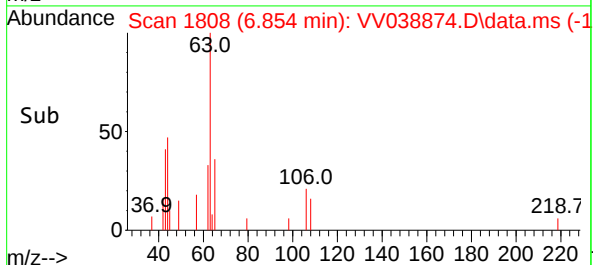
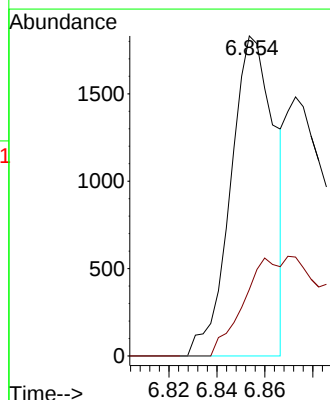
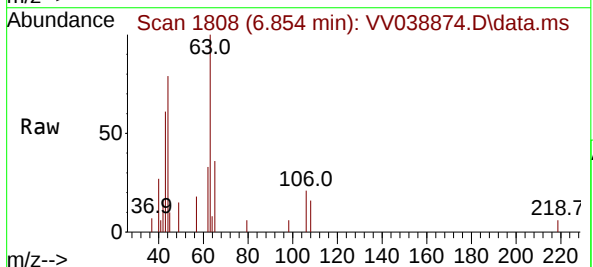
Acq: 07 Jul 2025 16:52

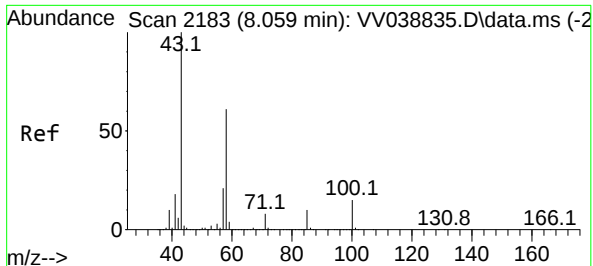
Tgt Ion: 63 Resp: 2333

Ion Ratio Lower Upper

63 100

106 26.2 24.6 37.0

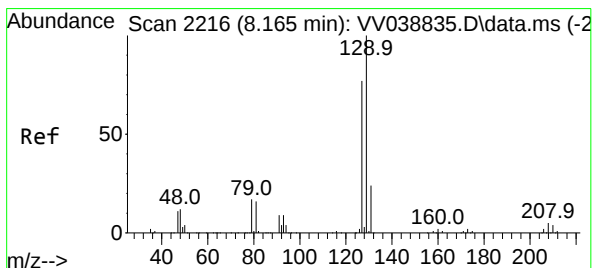
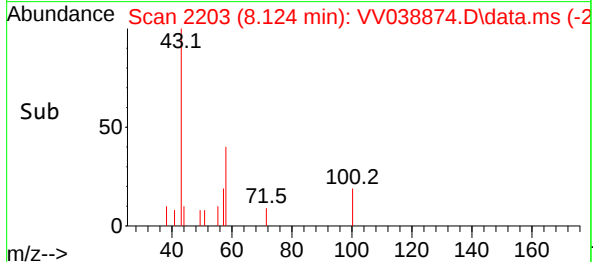
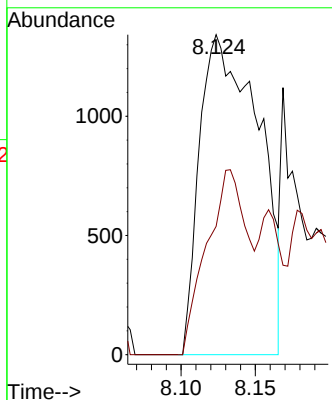
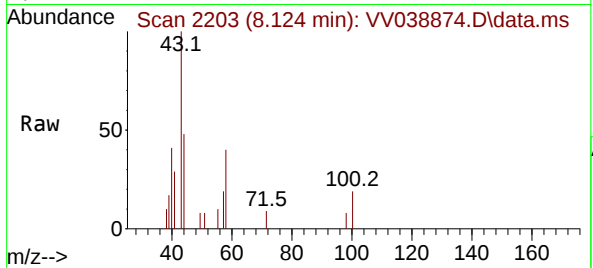




#59
2-Hexanone
Concen: 0.935 ug/l
RT: 8.124 min Scan# 2183
Delta R.T. 0.064 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

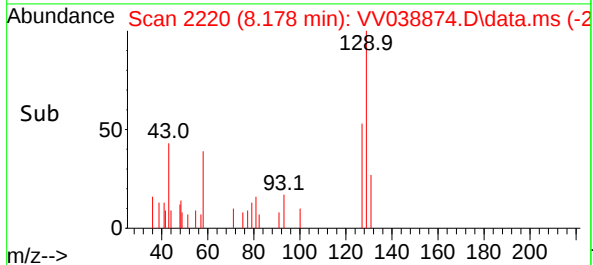
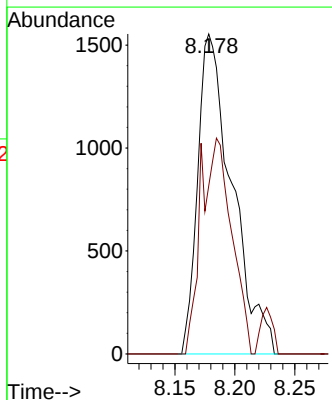
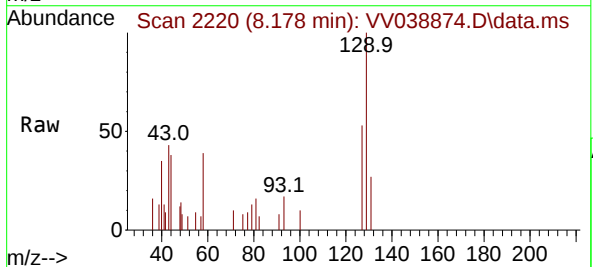
Instrument :
MSVOA_V
ClientSampleId :
MDL04

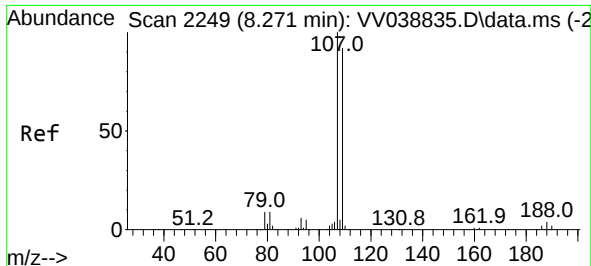
Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
58 39.4 30.3 91.0



#60
Dibromochloromethane
Concen: 0.498 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:129 Resp: 3090
Ion Ratio Lower Upper
129 100
127 60.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.445 ug/l

RT: 8.300 min Scan# 21

Delta R.T. 0.029 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

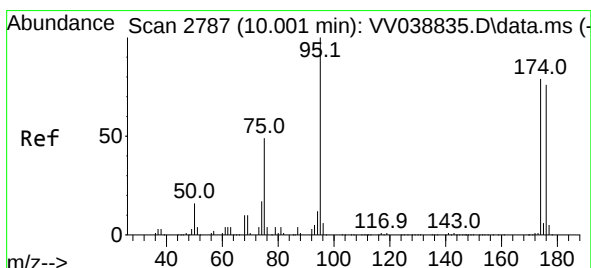
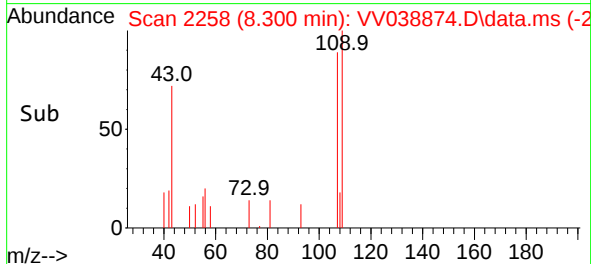
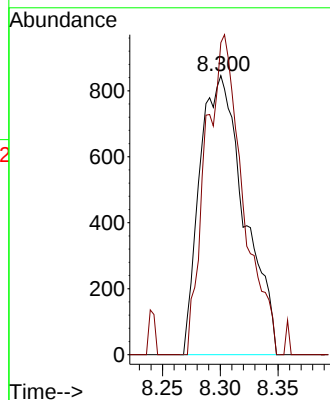
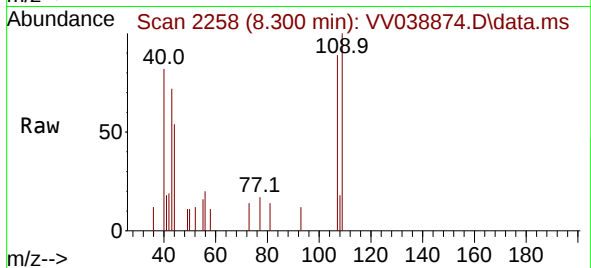
MDL04

Tgt Ion:107 Resp: 2270

Ion Ratio Lower Upper

107 100

109 96.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 48.289 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.000 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

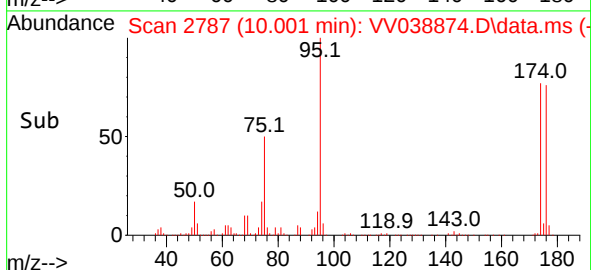
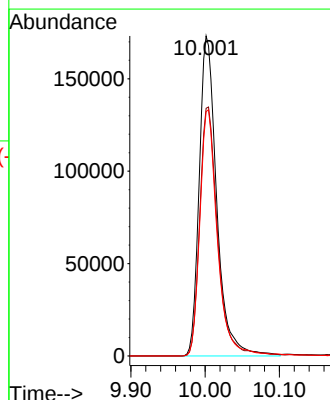
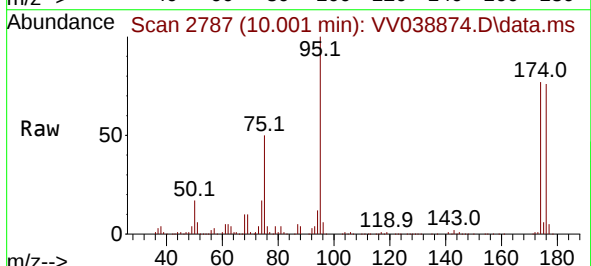
Tgt Ion: 95 Resp: 284278

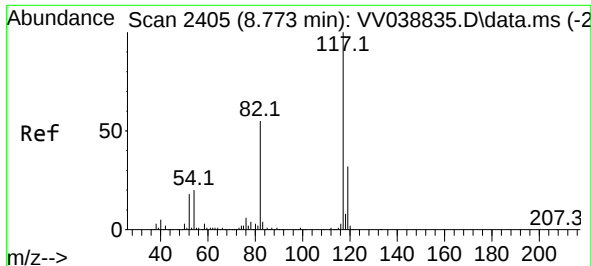
Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.2

176 76.7 0.0 154.4

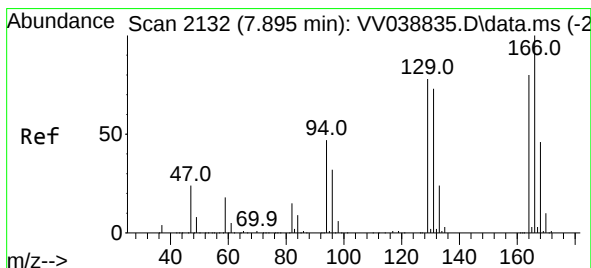
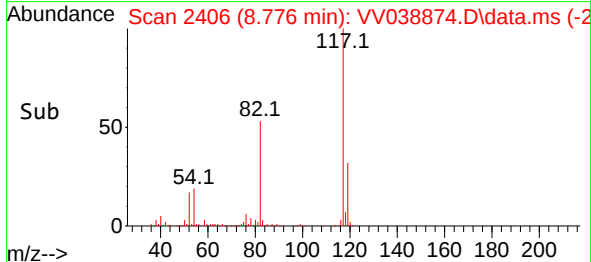
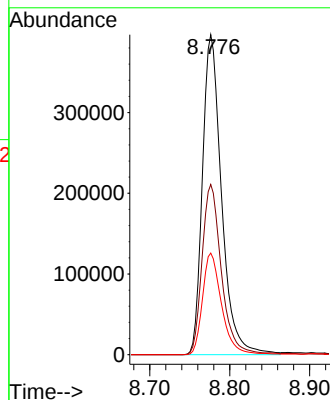
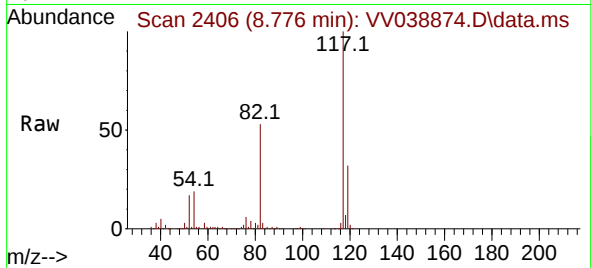




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

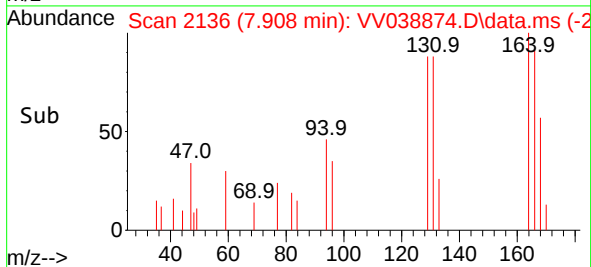
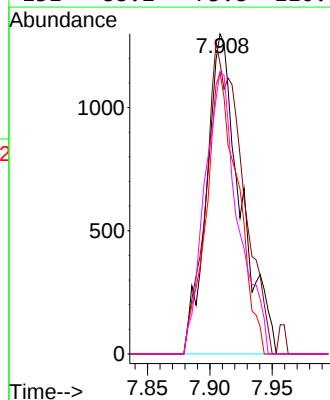
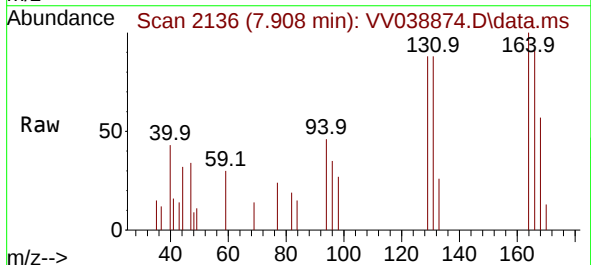
Instrument :
MSVOA_V
ClientSampleId :
MDL04

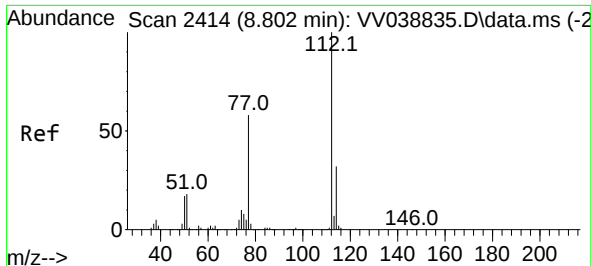
Tgt Ion:117 Resp: 660930
Ion Ratio Lower Upper
117 100
82 53.2 44.2 66.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.574 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:164 Resp: 2439
Ion Ratio Lower Upper
164 100
166 90.9 100.6 151.0#
129 88.0 78.4 117.6
131 88.2 73.8 110.6

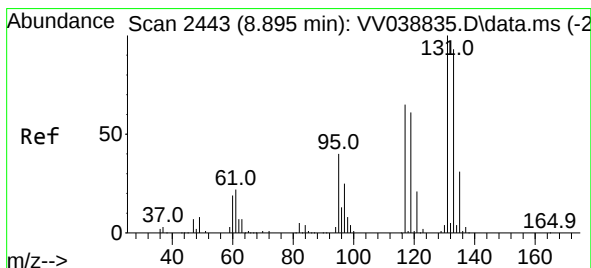
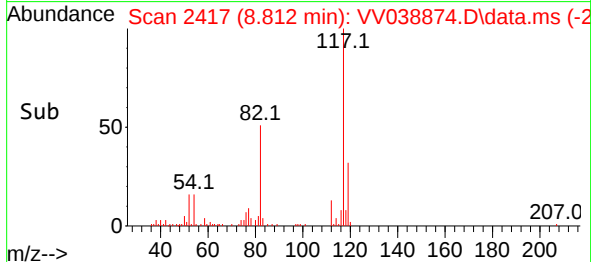
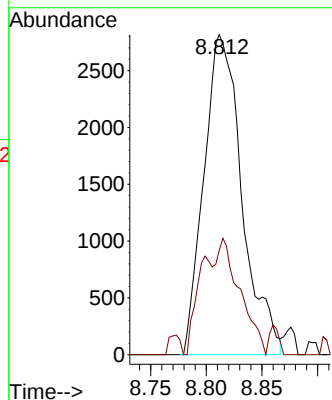
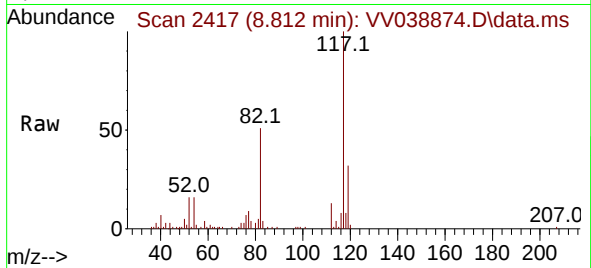




#65
Chlorobenzene
Concen: 0.481 ug/l
RT: 8.812 min Scan# 2414
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

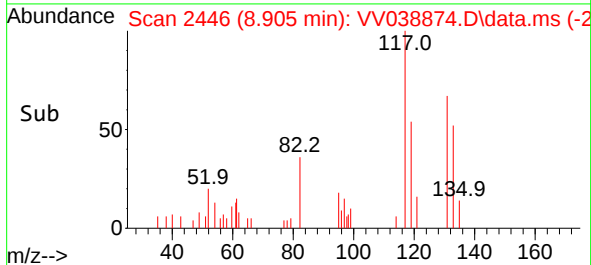
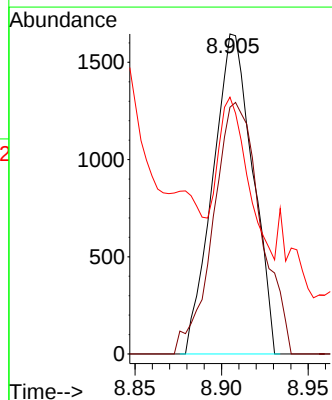
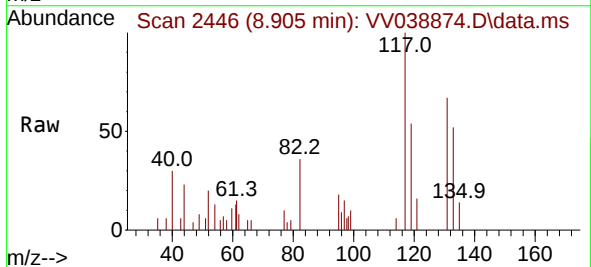
Instrument :
MSVOA_V
ClientSampleId :
MDL04

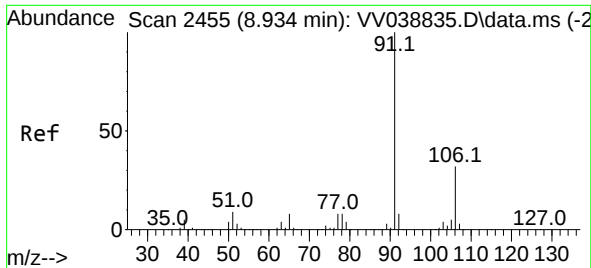
Tgt Ion:112 Resp: 6695
Ion Ratio Lower Upper
112 100
114 28.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:131 Resp: 2635
Ion Ratio Lower Upper
131 100
133 93.1 47.3 142.0
119 0.0 31.0 93.0#

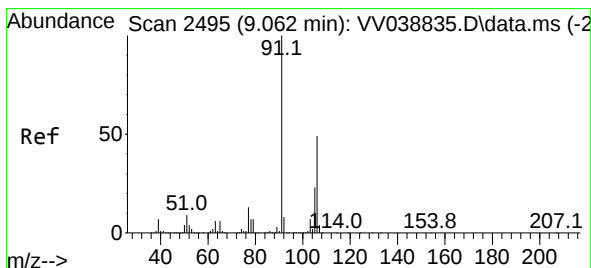
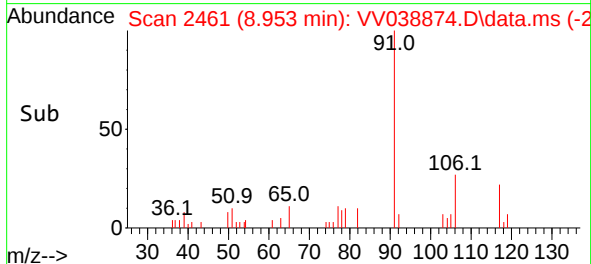
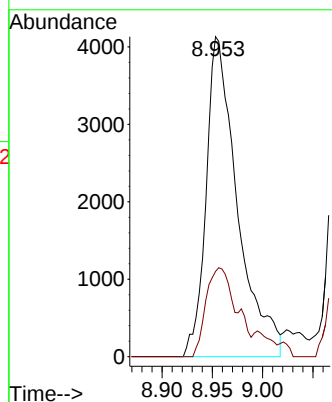
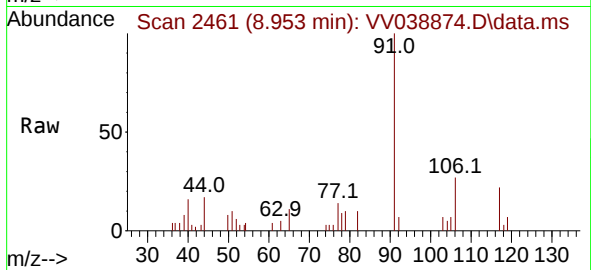




#67
Ethyl Benzene
Concen: 0.410 ug/l
RT: 8.953 min Scan# 2455
Delta R.T. 0.019 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

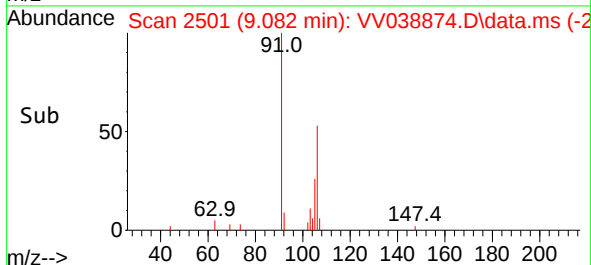
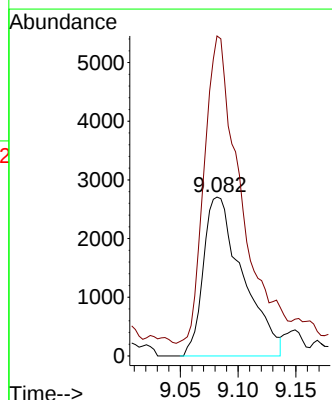
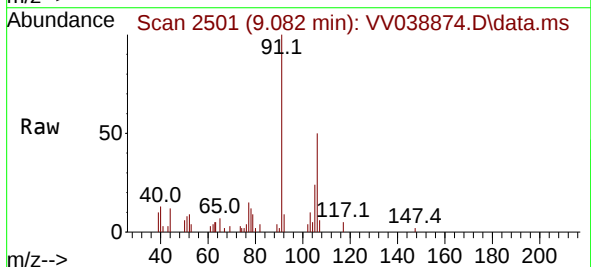
Instrument : MSVOA_V
ClientSampleId : MDL04

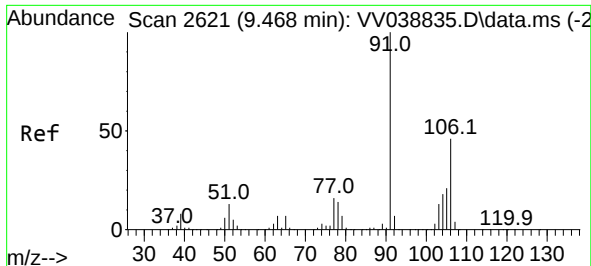
Tgt Ion: 91 Resp: 8948
Ion Ratio Lower Upper
91 100
106 26.6 25.2 37.8



#68
m/p-Xylenes
Concen: 0.768 ug/l
RT: 9.082 min Scan# 2501
Delta R.T. 0.019 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 106 Resp: 6423
Ion Ratio Lower Upper
106 100
91 179.9 162.9 244.3





#69

o-Xylene

Concen: 0.376 ug/l

RT: 9.484 min Scan# 2

Delta R.T. 0.016 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

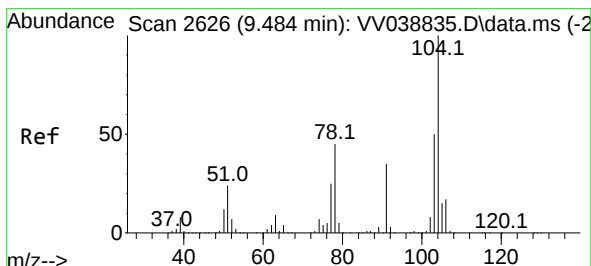
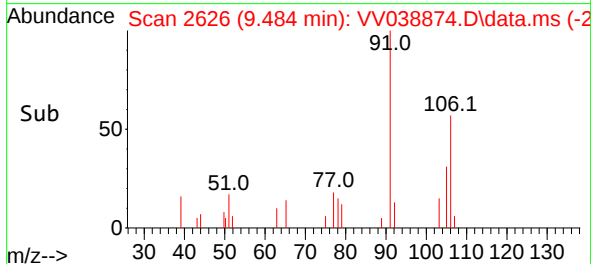
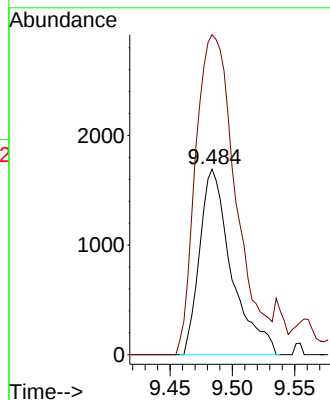
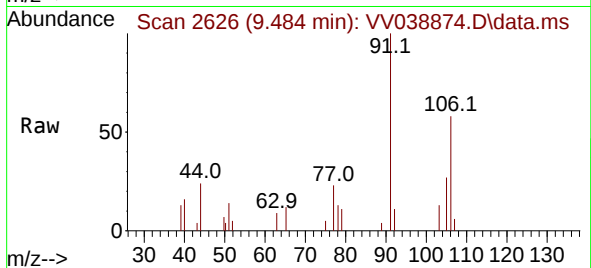
MDL04

Tgt Ion:106 Resp: 3003

Ion Ratio Lower Upper

106 100

91 217.2 107.6 322.8



#70

Styrene

Concen: 0.298 ug/l

RT: 9.525 min Scan# 2639

Delta R.T. 0.042 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

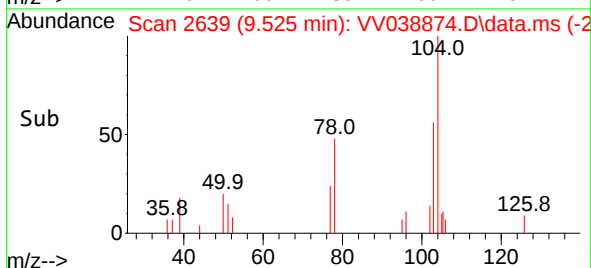
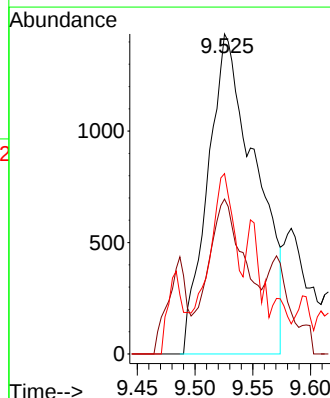
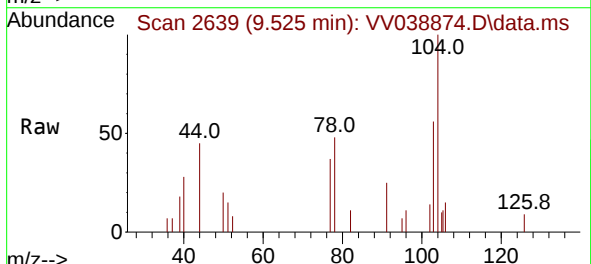
Tgt Ion:104 Resp: 4152

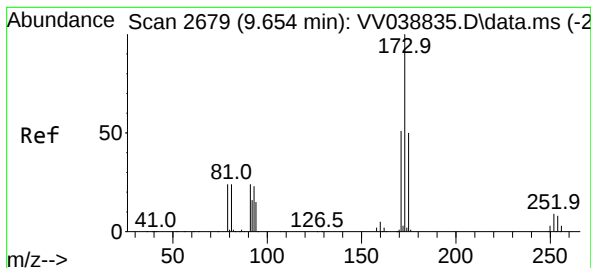
Ion Ratio Lower Upper

104 100

78 32.1 39.9 59.9#

103 32.1 43.4 65.0#





#71

Bromoform

Concen: 0.208 ug/l

RT: 9.660 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

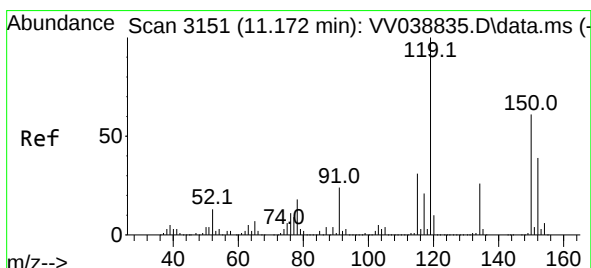
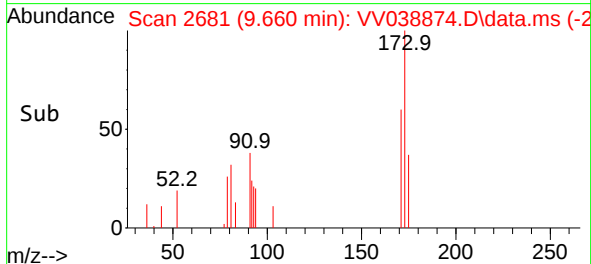
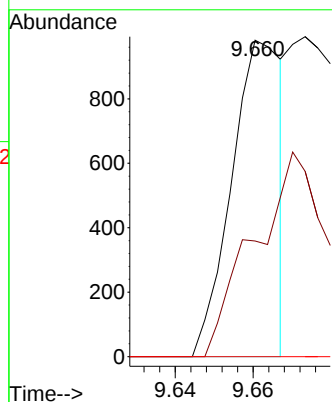
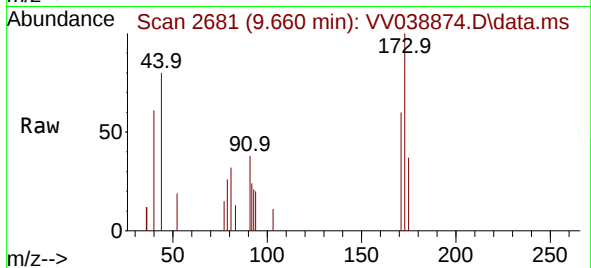
Tgt Ion:173 Resp: 878

Ion Ratio Lower Upper

173 100

175 113.1 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: VV038874.D

Acq: 07 Jul 2025 16:52

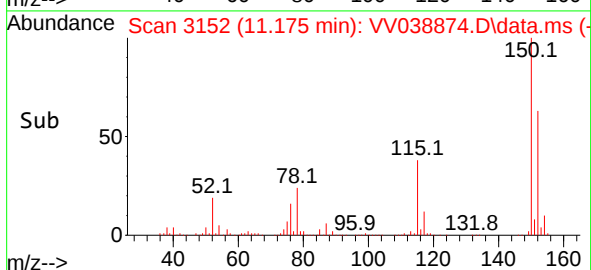
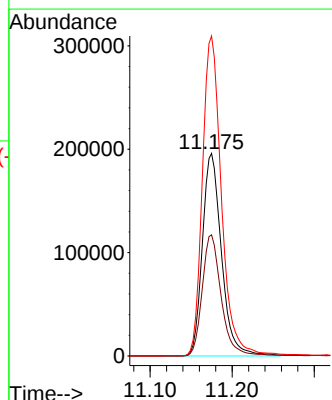
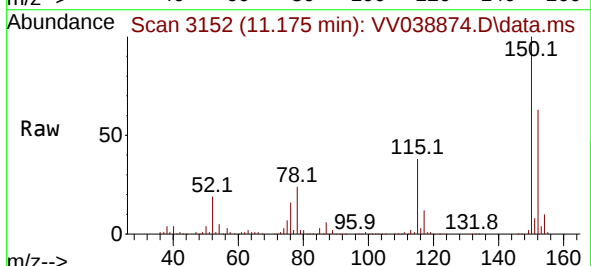
Tgt Ion:152 Resp: 316921

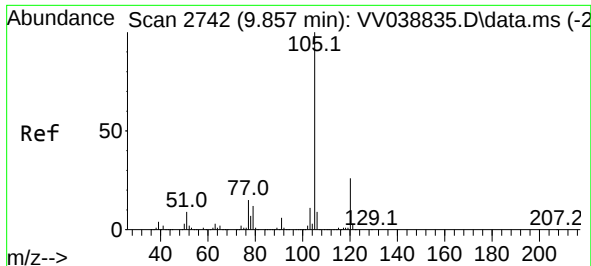
Ion Ratio Lower Upper

152 100

115 59.4 42.0 126.0

150 157.7 0.0 343.6

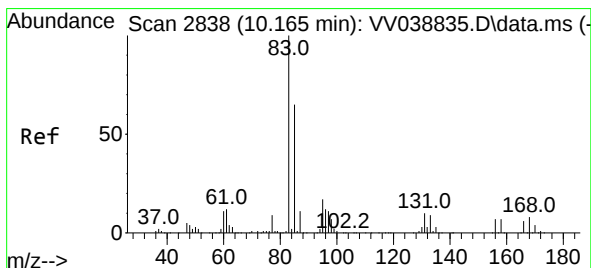
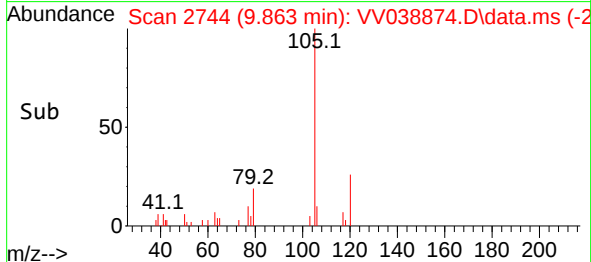
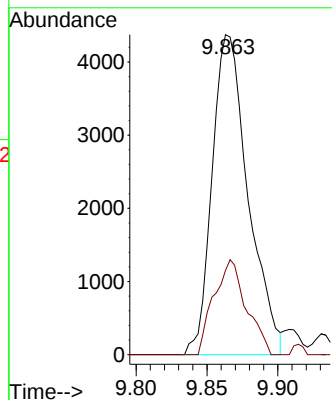
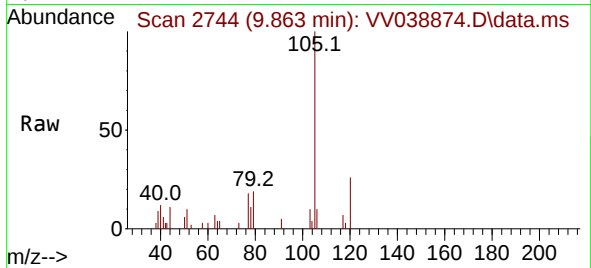




#73
Isopropylbenzene
Concen: 0.416 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

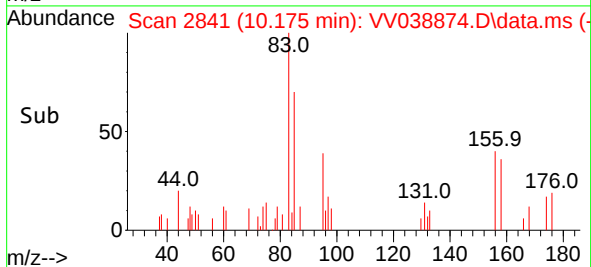
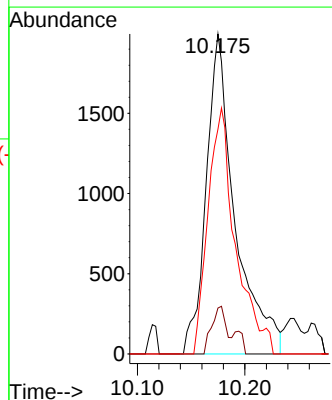
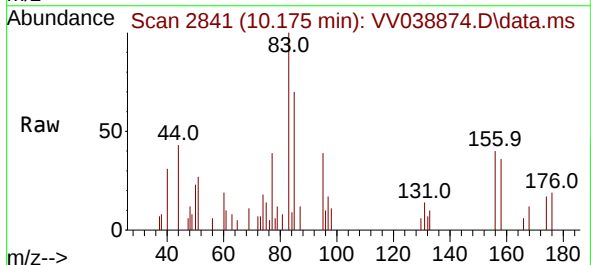
Instrument :
MSVOA_V
ClientSampleId :
MDL04

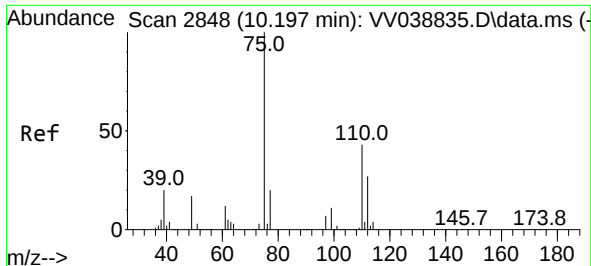
Tgt Ion:105 Resp: 7733
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#75
1,1,2,2-Tetrachloroethane
Concen: 0.551 ug/l
RT: 10.175 min Scan# 2841
Delta R.T. 0.010 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 83 Resp: 3715
Ion Ratio Lower Upper
83 100
131 7.7 5.1 15.3
85 73.3 31.6 95.0

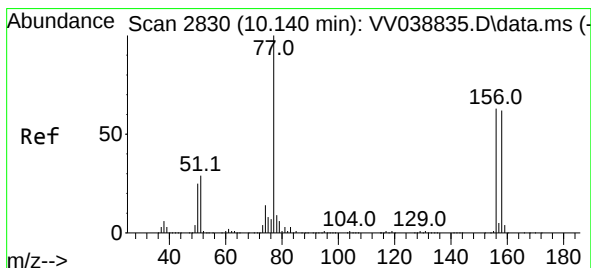
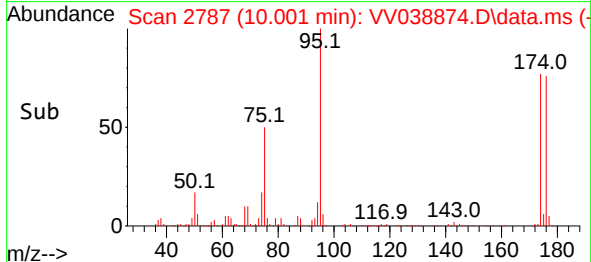
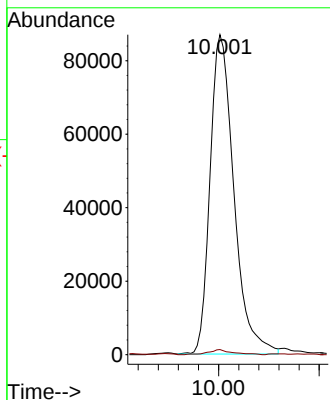
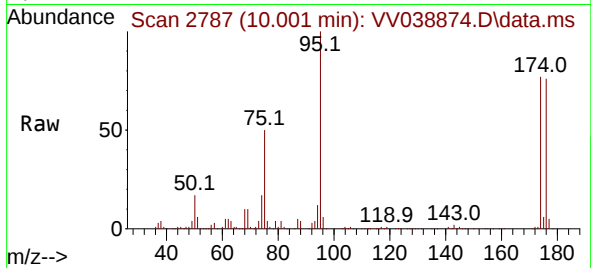




#76
1,2,3-Trichloropropane
Concen: 29.183 ug/l
RT: 10.001 min Scan# 21
Delta R.T. -0.196 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

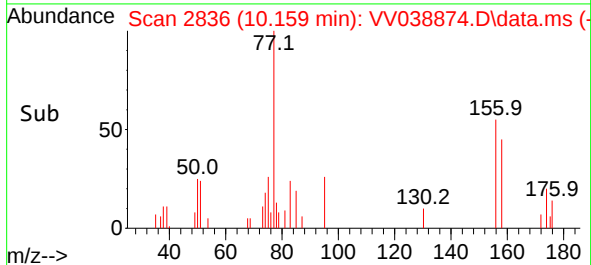
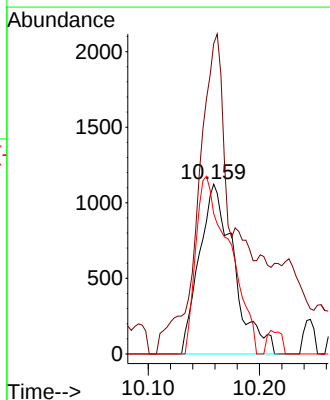
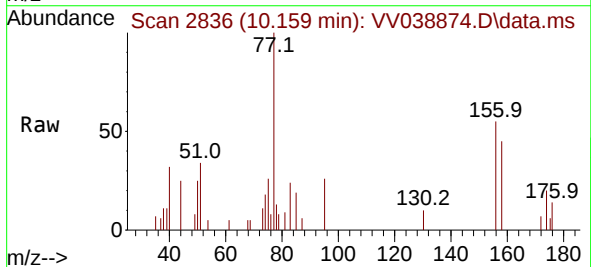
Instrument :
MSVOA_V
ClientSampleId :
MDL04

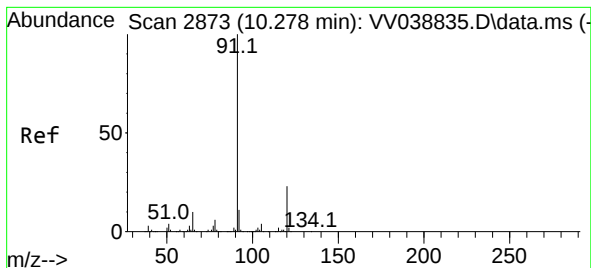
Tgt Ion: 75 Resp: 143097
Ion Ratio Lower Upper
75 100
77 1.6 11.7 35.1#



#77
Bromobenzene
Concen: 0.508 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:156 Resp: 2437
Ion Ratio Lower Upper
156 100
77 147.0 77.0 230.8
158 101.3 48.8 146.3





#78

n-propylbenzene

Concen: 0.468 ug/l

RT: 10.294 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

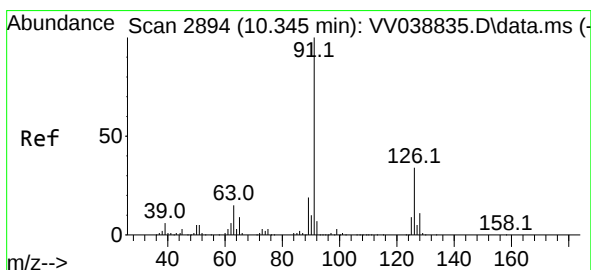
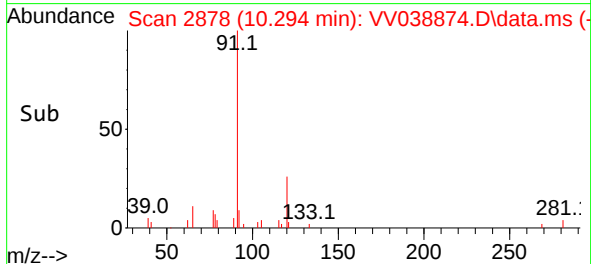
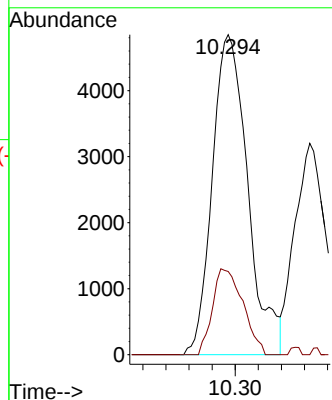
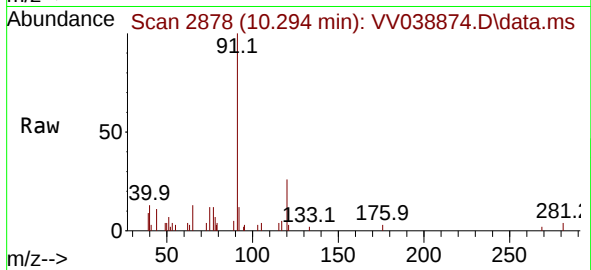
MDL04

Tgt Ion: 91 Resp: 10351

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.0



#79

2-Chlorotoluene

Concen: 0.368 ug/l

RT: 10.365 min Scan# 2900

Delta R.T. 0.019 min

Lab File: VV038874.D

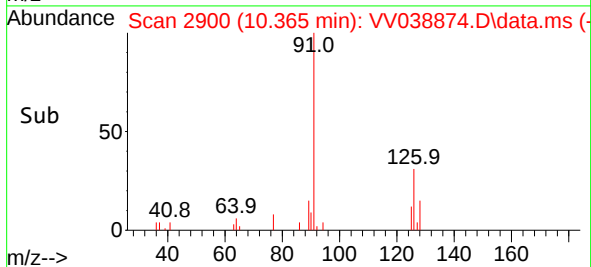
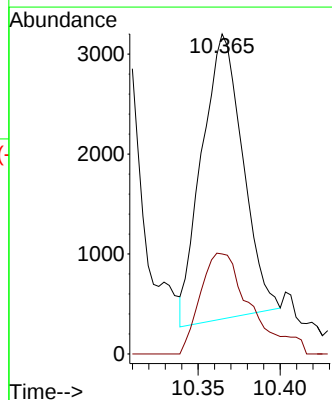
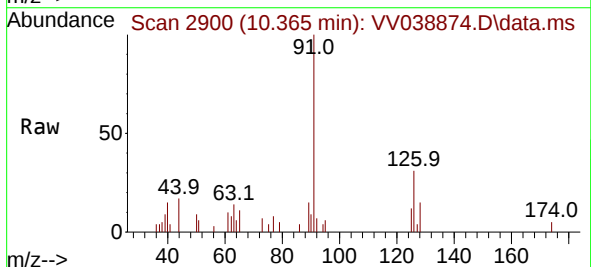
Acq: 07 Jul 2025 16:52

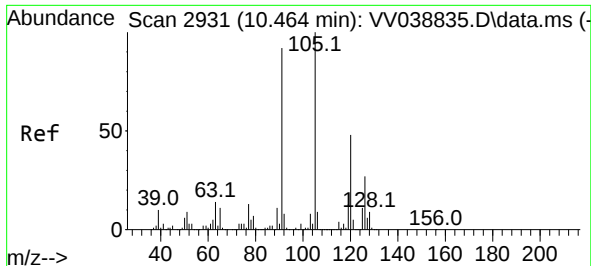
Tgt Ion: 91 Resp: 4944

Ion Ratio Lower Upper

91 100

126 43.4 17.1 51.3

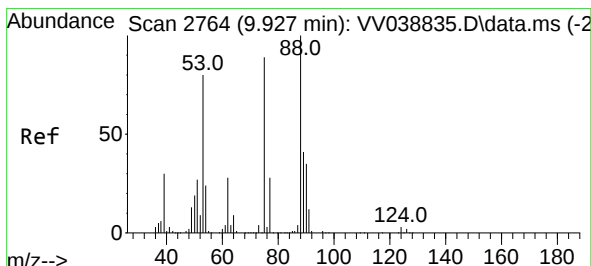
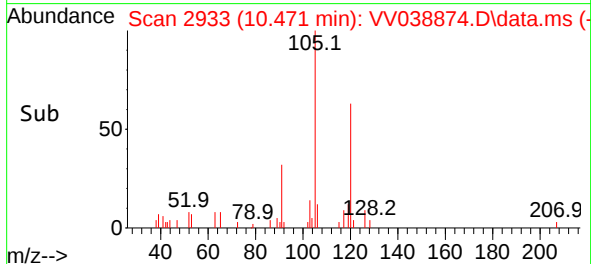
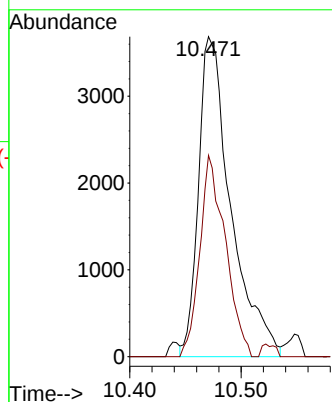
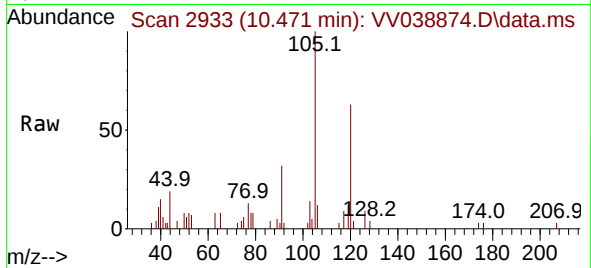




#80
1,3,5-Trimethylbenzene
Concen: 0.468 ug/l
RT: 10.471 min Scan# 2931
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

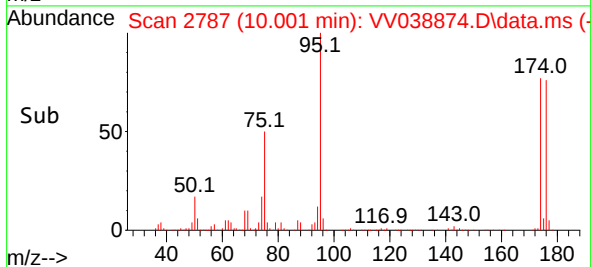
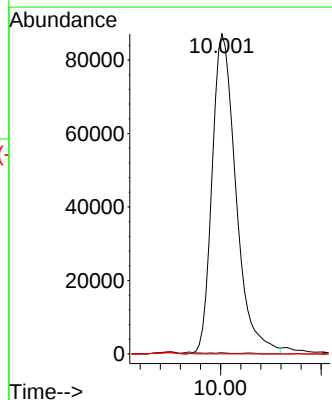
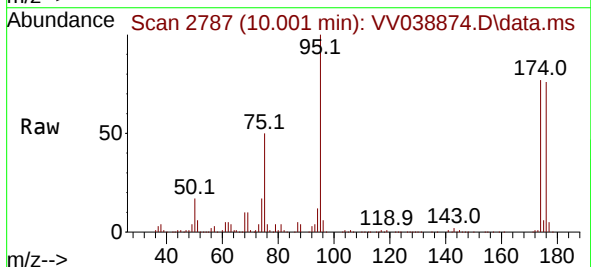
Instrument :
MSVOA_V
ClientSampleId :
MDL04

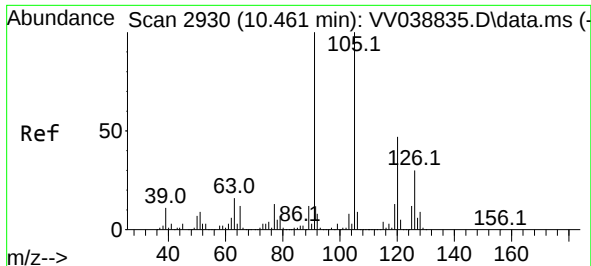
Tgt Ion:105 Resp: 7445
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7



#81
trans-1,4-Dichloro-2-butene
Concen: 62.119 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 75 Resp: 143097
Ion Ratio Lower Upper
75 100
53 0.2 71.2 106.8#
89 0.0 44.6 66.8#

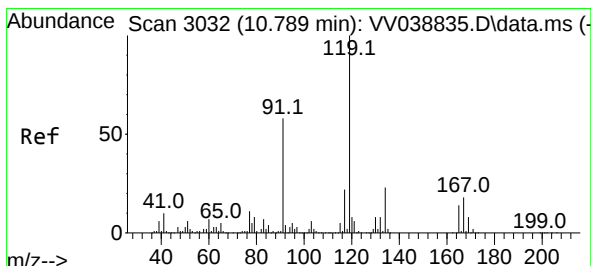
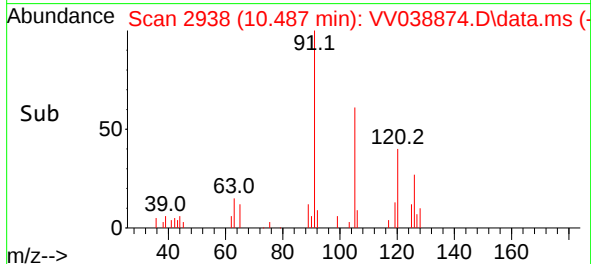
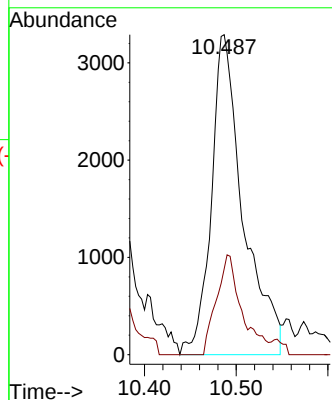
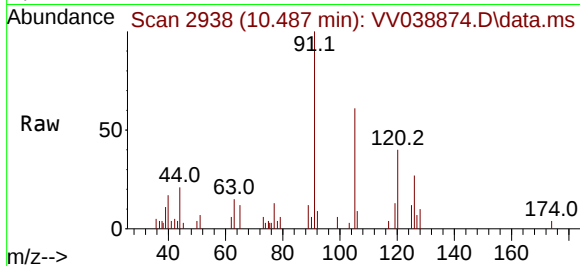




#82
4-Chlorotoluene
Concen: 0.513 ug/l
RT: 10.487 min Scan# 2930
Delta R.T. 0.026 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

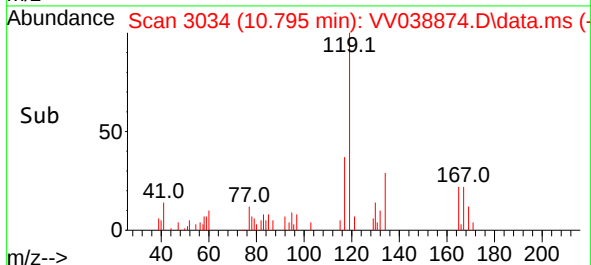
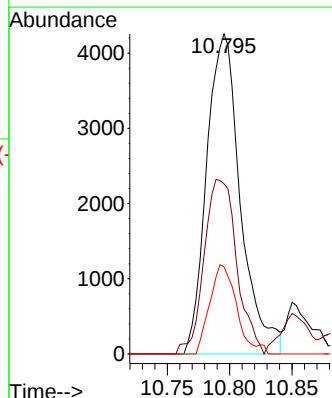
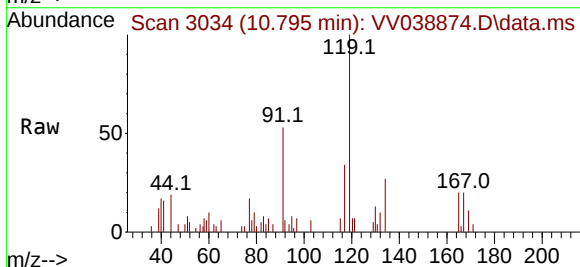
Instrument :
MSVOA_V
ClientSampleId :
MDL04

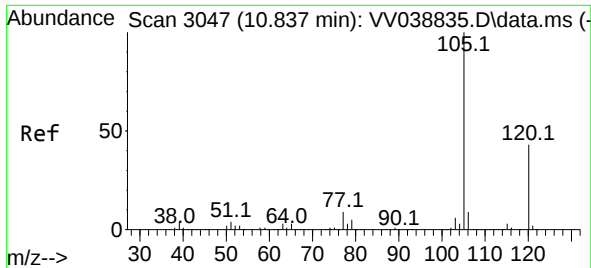
Tgt Ion: 91 Resp: 7943
Ion Ratio Lower Upper
91 100
126 24.8 14.8 44.3



#83
tert-Butylbenzene
Concen: 0.488 ug/l
RT: 10.795 min Scan# 3034
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 119 Resp: 8046
Ion Ratio Lower Upper
119 100
91 52.5 28.5 85.5
134 22.1 11.5 34.4

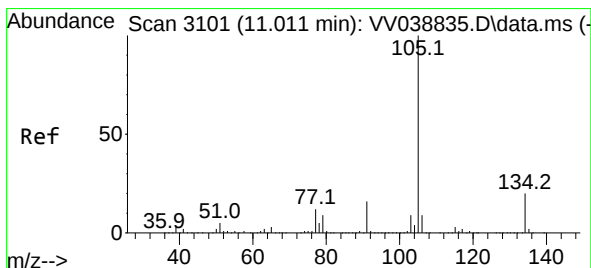
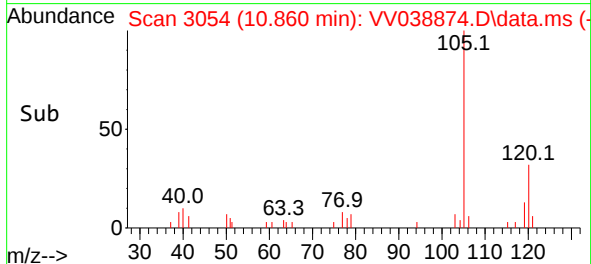
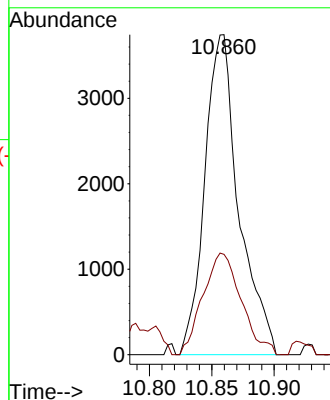
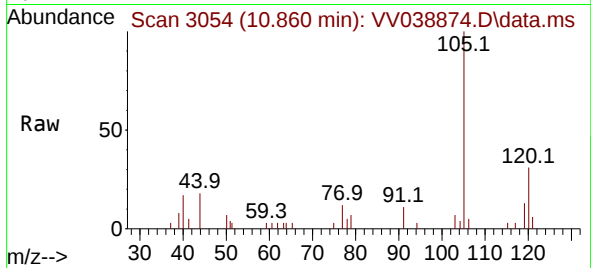




#84
1,2,4-Trimethylbenzene
Concen: 0.456 ug/l
RT: 10.860 min Scan# 3047
Delta R.T. 0.022 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

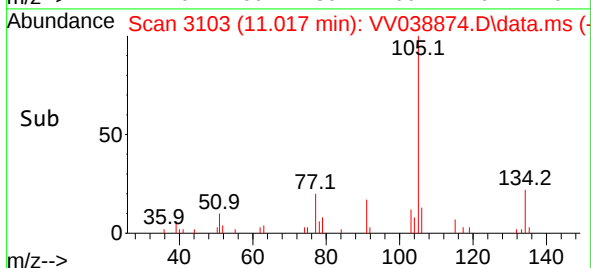
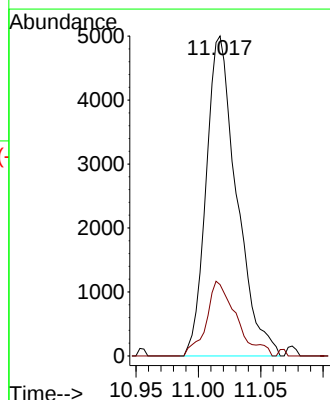
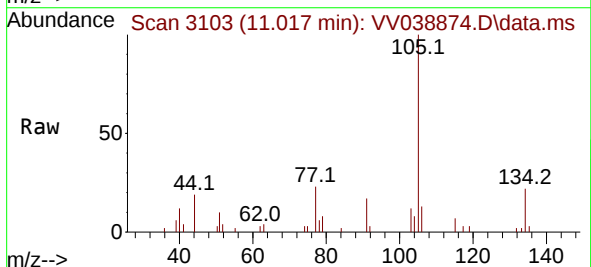
Instrument :
MSVOA_V
ClientSampleId :
MDL04

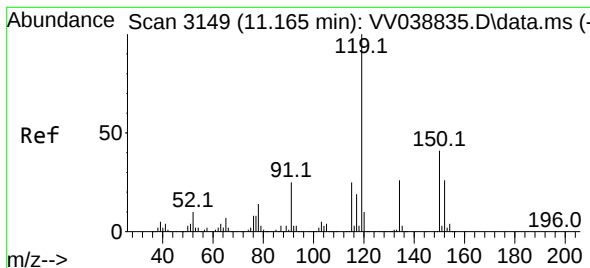
Tgt Ion:105 Resp: 7111
Ion Ratio Lower Upper
105 100
120 35.8 22.7 68.0



#85
sec-Butylbenzene
Concen: 0.405 ug/l
RT: 11.017 min Scan# 3103
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:105 Resp: 8507
Ion Ratio Lower Upper
105 100
134 23.0 10.0 30.0





#86

p-Isopropyltoluene

Concen: 0.469 ug/l

RT: 11.172 min Scan# 3149

Delta R.T. 0.006 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04

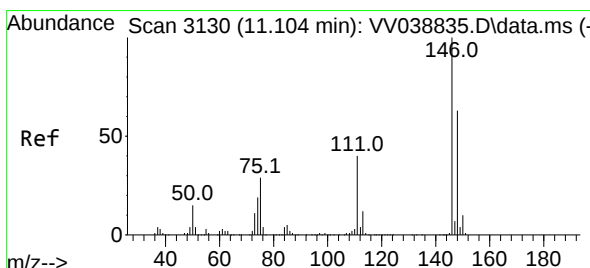
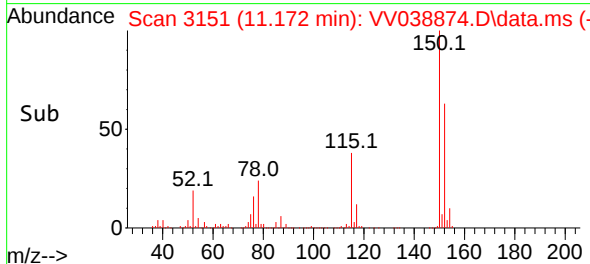
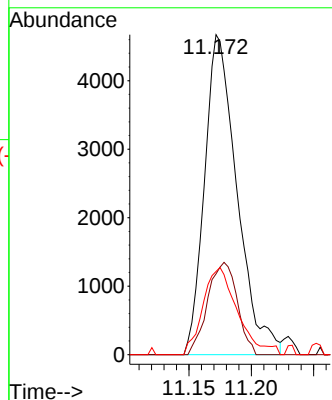
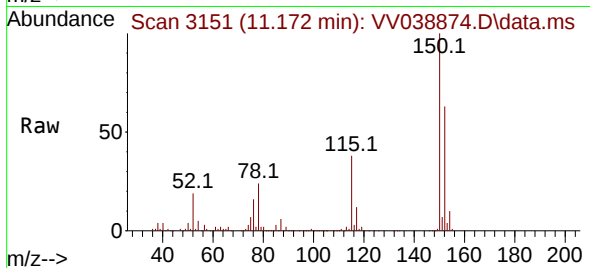
Tgt Ion:119 Resp: 8450

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 28.9 12.4 37.0



#87

1,3-Dichlorobenzene

Concen: 0.523 ug/l

RT: 11.123 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

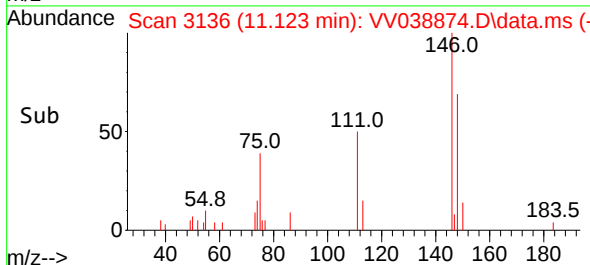
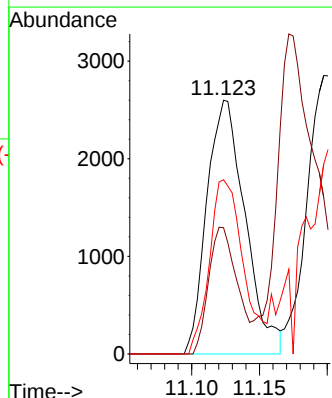
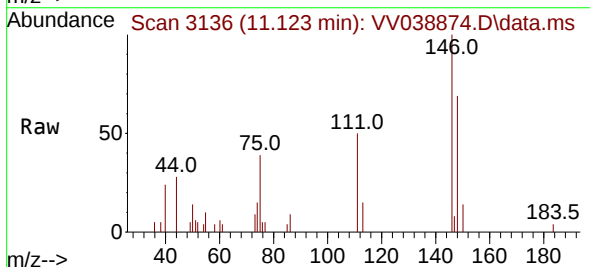
Tgt Ion:146 Resp: 5106

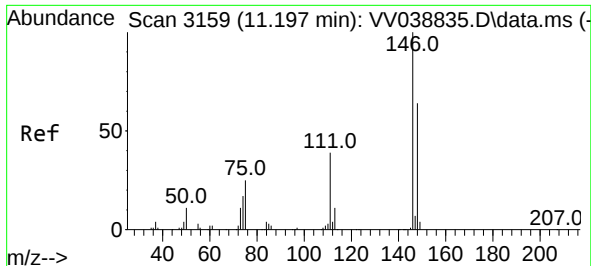
Ion Ratio Lower Upper

146 100

111 38.3 20.2 60.6

148 61.0 31.3 93.8

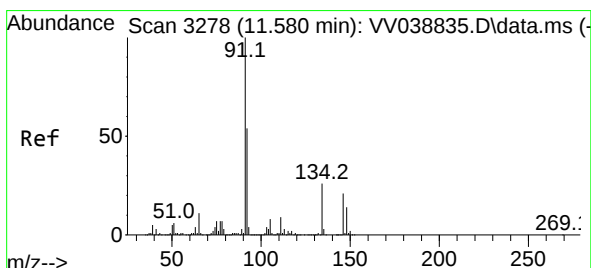
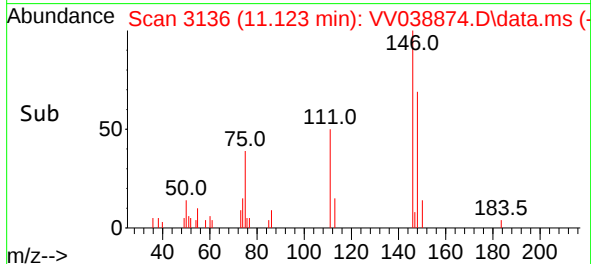
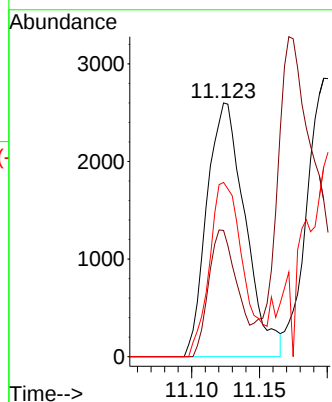
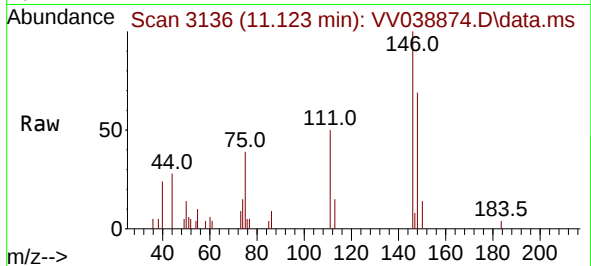




#88
1,4-Dichlorobenzene
Concen: 0.497 ug/l
RT: 11.123 min Scan# 3159
Delta R.T. -0.074 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

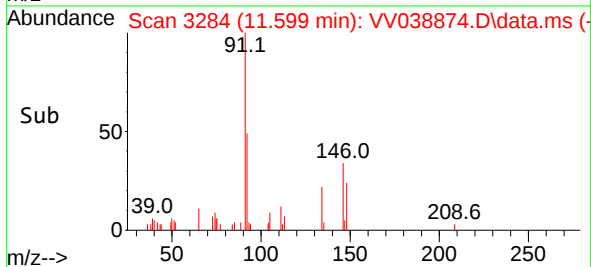
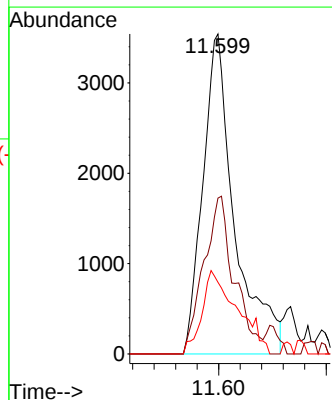
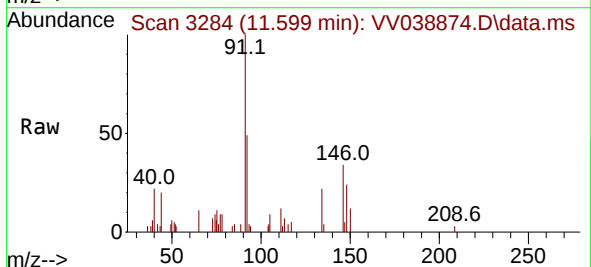
Instrument :
MSVOA_V
ClientSampleId :
MDL04

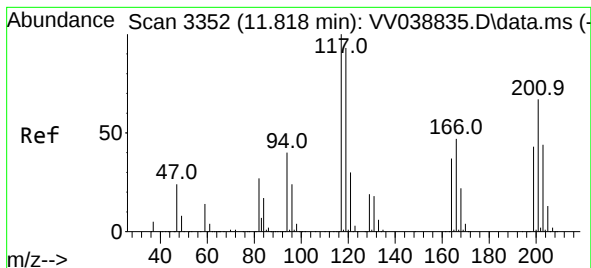
Tgt Ion:146	Resp:	5106	
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.8	59.3
148	61.0	32.0	96.2



#89
n-Butylbenzene
Concen: 0.435 ug/l
RT: 11.599 min Scan# 3284
Delta R.T. 0.019 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion: 91	Resp:	7263	
Ion	Ratio	Lower	Upper
91	100		
92	47.6	26.7	80.0
134	28.8	12.9	38.7





#90

Hexachloroethane

Concen: 0.577 ug/l

RT: 11.824 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

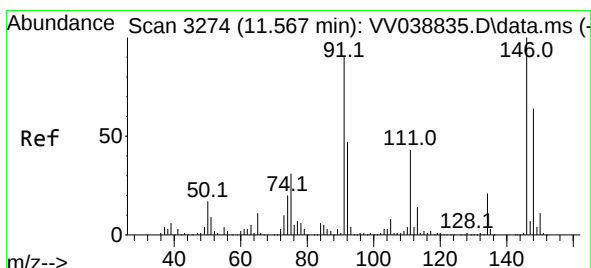
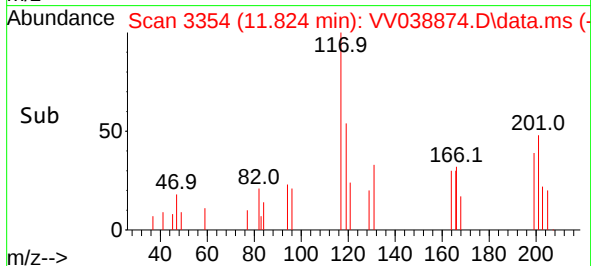
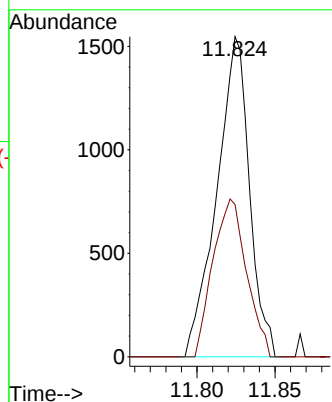
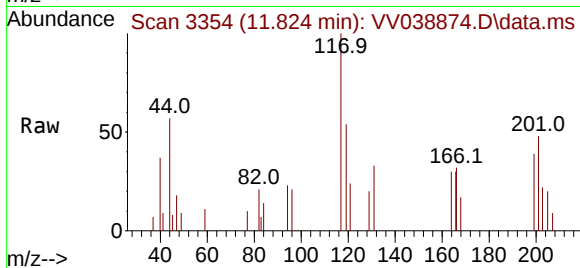
MDL04

Tgt Ion:117 Resp: 2255

Ion Ratio Lower Upper

117 100

201 50.6 34.4 103.1



#91

1,2-Dichlorobenzene

Concen: 0.513 ug/l

RT: 11.586 min Scan# 3280

Delta R.T. 0.019 min

Lab File: VV038874.D

Acq: 07 Jul 2025 16:52

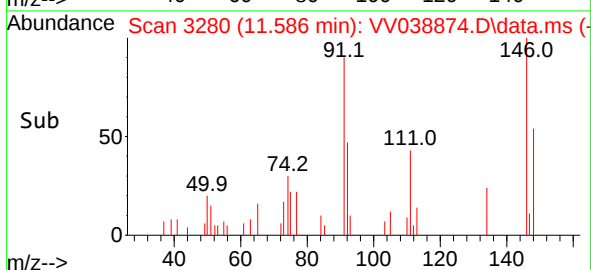
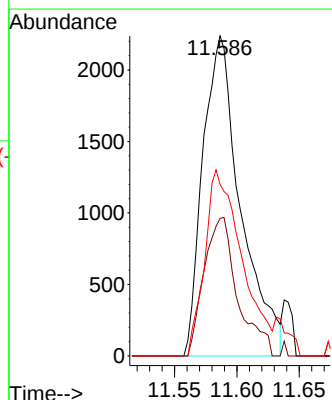
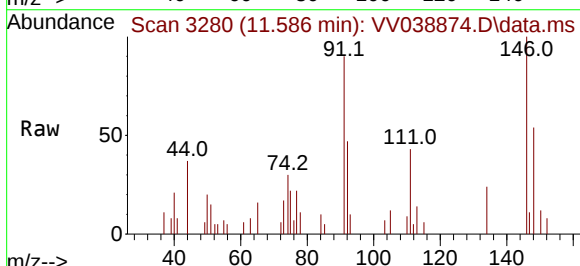
Tgt Ion:146 Resp: 4718

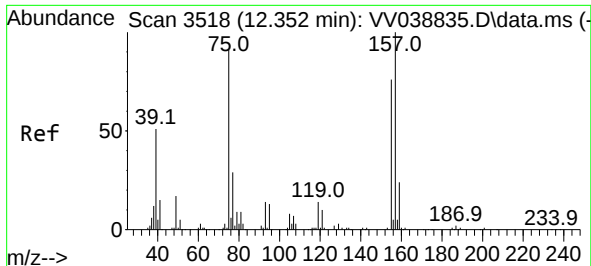
Ion Ratio Lower Upper

146 100

111 38.5 21.3 63.7

148 56.9 32.0 96.0

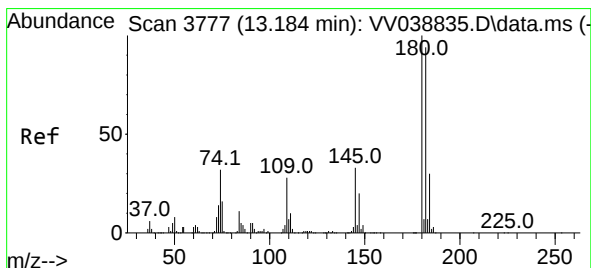
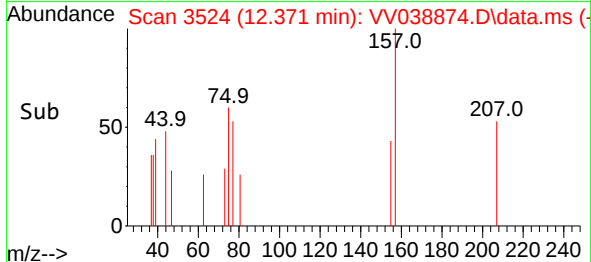
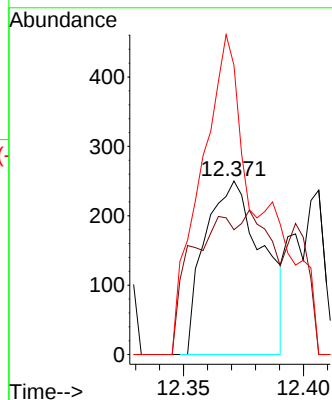
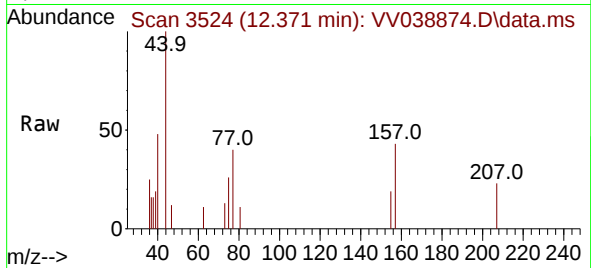




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.292 ug/l
 RT: 12.371 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

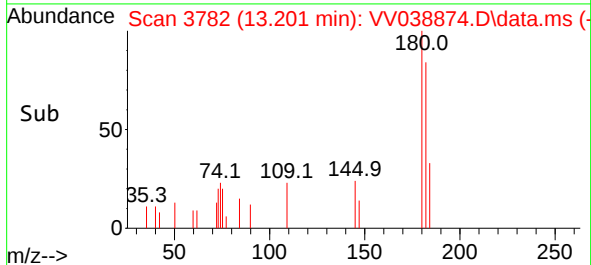
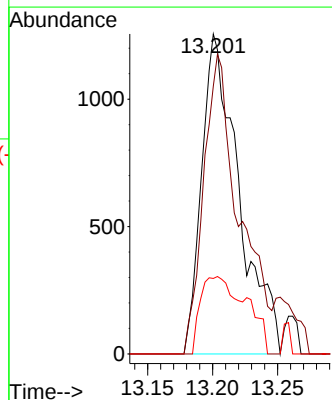
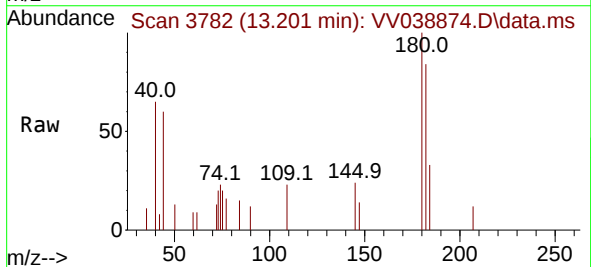
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

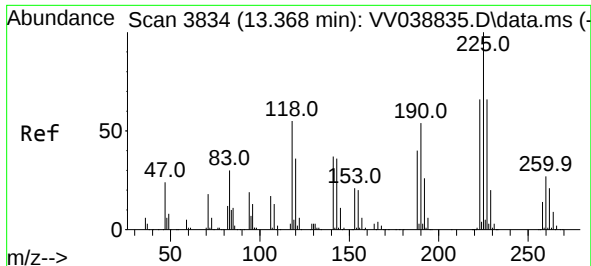
Tgt Ion: 75 Resp: 417
 Ion Ratio Lower Upper
 75 100
 155 60.9 43.2 129.6
 157 143.2 54.9 164.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.419 ug/l
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.016 min
 Lab File: VV038874.D
 Acq: 07 Jul 2025 16:52

Tgt Ion: 180 Resp: 2500
 Ion Ratio Lower Upper
 180 100
 182 90.4 47.6 142.8
 145 23.0 16.4 49.1

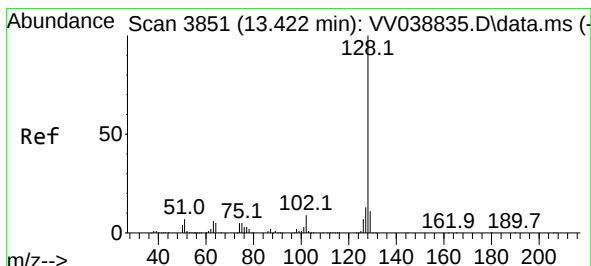
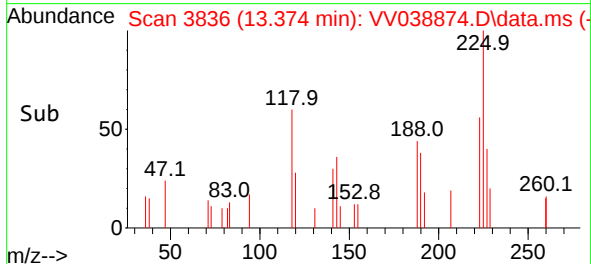
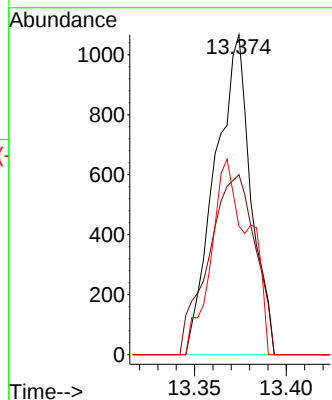
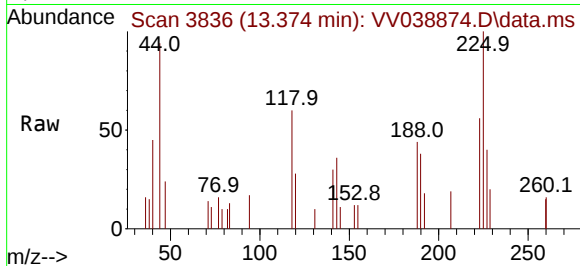




#94
Hexachlorobutadiene
Concen: 0.504 ug/l
RT: 13.374 min Scan# 3836
Delta R.T. 0.006 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

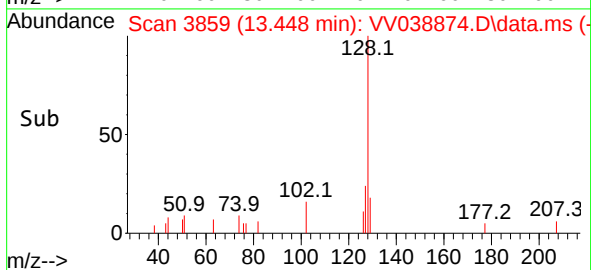
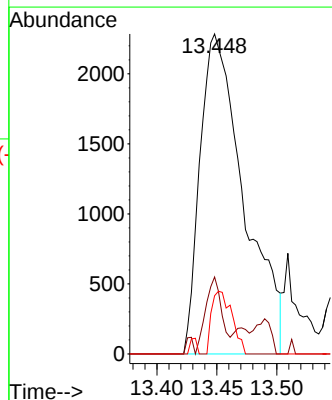
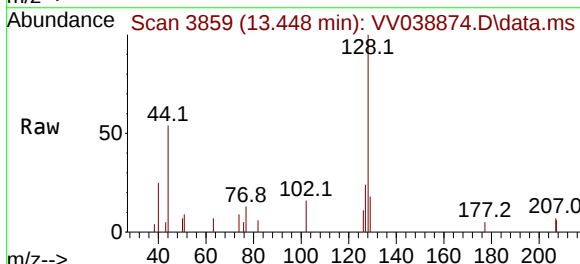
Instrument :
MSVOA_V
ClientSampleId :
MDL04

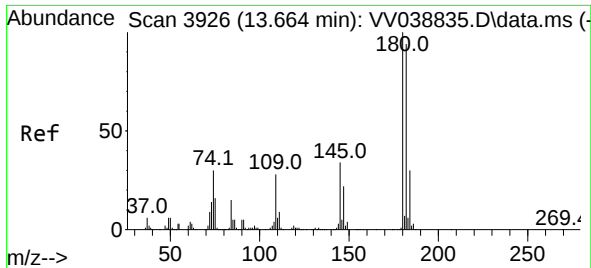
Tgt Ion:	225	Resp:	1449
Ion Ratio	Lower	Upper	
225	100		
223	73.4	33.2	99.6
227	64.8	32.3	96.8



#95
Naphthalene
Concen: 0.306 ug/l
RT: 13.448 min Scan# 3859
Delta R.T. 0.026 min
Lab File: VV038874.D
Acq: 07 Jul 2025 16:52

Tgt Ion:	128	Resp:	5808
Ion Ratio	Lower	Upper	
128	100		
127	9.0	10.2	15.4#
129	9.0	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.414 ug/l

RT: 13.680 min Scan# 3931

Delta R.T. 0.016 min

Lab File: VV038874.D

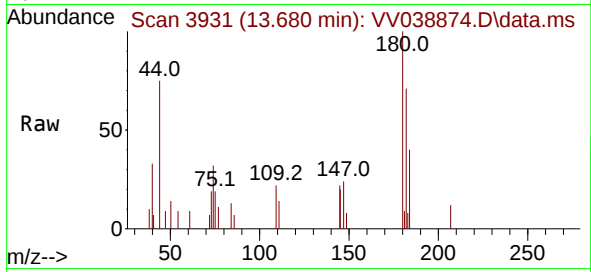
Acq: 07 Jul 2025 16:52

Instrument :

MSVOA_V

ClientSampleId :

MDL04



Tgt Ion:180 Resp: 2544

Ion Ratio Lower Upper

180 100

182 87.3 47.3 141.9

145 21.3 17.1 51.2

