

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038921.D
 Acq On : 18 Jul 2025 15:01
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Jul 19 01:03:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	647779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1165184	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1088422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	515177	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	442661	55.929	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.860%	
35) Dibromofluoromethane	4.500	113	378469	47.641	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 95.280%	
50) Toluene-d8	7.236	98	1344486	55.990	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 111.980%	
62) 4-Bromofluorobenzene	10.001	95	517908	53.539	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 107.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	10436	1.834	ug/l	91
3) Chloromethane	1.230	50	11763	1.914	ug/l	94
4) Vinyl Chloride	1.294	62	14176	2.015	ug/l	99
5) Bromomethane	1.491	94	11696	2.217	ug/l	88
6) Chloroethane	1.555	64	9956	2.117	ug/l	99
7) Trichlorofluoromethane	1.722	101	24414	1.961	ug/l	97
8) Diethyl Ether	1.918	74	8154	1.822	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	14110	1.896	ug/l	99
10) Methyl Iodide	2.198	142	14423	1.688	ug/l	99
11) Tert butyl alcohol	2.571	59	17632	9.676	ug/l #	88
12) 1,1-Dichloroethene	2.082	96	12751	1.880	ug/l	90
13) Acrolein	2.018	56	2196	8.334	ug/l #	77
14) Allyl chloride	2.359	41	21054	1.949	ug/l	99
15) Acrylonitrile	2.680	53	46697	10.014	ug/l	97
16) Acetone	2.124	43	35913	10.486	ug/l	99
17) Carbon Disulfide	2.253	76	31917	2.256	ug/l	97
18) Methyl Acetate	2.381	43	20374	1.758	ug/l	95
19) Methyl tert-butyl Ether	2.712	73	47993	1.888	ug/l	98
20) Methylene Chloride	2.455	84	16729	1.925	ug/l	90
21) trans-1,2-Dichloroethene	2.703	96	14606	2.024	ug/l	91
22) Diisopropyl ether	3.217	45	42664	1.976	ug/l #	40
23) Vinyl Acetate	3.198	43	183691	10.852	ug/l	100
24) 1,1-Dichloroethane	3.121	63	26880	1.901	ug/l	98
25) 2-Butanone	3.899	43	44326	9.030	ug/l	93
26) 2,2-Dichloropropane	3.818	77	23810	1.924	ug/l	99
27) cis-1,2-Dichloroethene	3.831	96	15726	1.898	ug/l	99
28) Bromochloromethane	4.166	49	12391	2.264	ug/l	95
29) Tetrahydrofuran	4.249	42	28372	8.769	ug/l #	73
30) Chloroform	4.288	83	28970	1.859	ug/l	94
31) Cyclohexane	4.593	56	31325	3.376	ug/l #	60
32) 1,1,1-Trichloroethane	4.513	97	26547	1.952	ug/l	97
36) 1,1-Dichloropropene	4.751	75	15038	1.647	ug/l	94
37) Ethyl Acetate	4.002	43	1867	0.174	ug/l #	1
38) Carbon Tetrachloride	4.732	117	22114	1.823	ug/l	96
39) Methylcyclohexane	6.050	83	19614	1.821	ug/l	96
40) Benzene	5.018	78	53663	1.734	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.185	41	1887	0.382	ug/l #	1
42) 1,2-Dichloroethane	5.056	62	21769	1.845	ug/l	98
43) Isopropyl Acetate	5.214	43	23944	1.408	ug/l #	90
44) Trichloroethene	5.844	130	14290	1.767	ug/l	86
45) 1,2-Dichloropropane	6.105	63	12741	1.558	ug/l	98
46) Dibromomethane	6.243	93	11140	1.761	ug/l	99
47) Bromodichloromethane	6.436	83	21128	1.574	ug/l	88
48) Methyl methacrylate	6.346	41	5817	0.788	ug/l #	74
49) 1,4-Dioxane	6.323	88	4254	26.760	ug/l	93
51) 4-Methyl-2-Pentanone	7.159	43	84643	7.312	ug/l	94
52) Toluene	7.320	92	35072	1.799	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	19196	1.580	ug/l	94
54) cis-1,3-Dichloropropene	6.963	75	20845	1.587	ug/l	95
55) 1,1,2-Trichloroethane	7.770	97	15575	1.671	ug/l	97
56) Ethyl methacrylate	7.735	69	15229	1.375	ug/l	89
57) 1,3-Dichloropropane	7.947	76	23516	1.683	ug/l	95
58) 2-Chloroethyl Vinyl ether	6.825	63	42923	6.422	ug/l	98
59) 2-Hexanone	8.079	43	51701	6.000	ug/l	96
60) Dibromochloromethane	8.172	129	18163	1.655	ug/l	98
61) 1,2-Dibromoethane	8.285	107	15430	1.643	ug/l	98
64) Tetrachloroethene	7.902	164	13054	1.829	ug/l	89
65) Chlorobenzene	8.805	112	40035	1.683	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.902	131	14707	1.551	ug/l	93
67) Ethyl Benzene	8.947	91	58461	1.655	ug/l	99
68) m/p-Xylenes	9.069	106	42631	3.101	ug/l	96
69) o-Xylene	9.474	106	18873	1.454	ug/l	95
70) Styrene	9.500	104	31538	1.375	ug/l	96
71) Bromoform	9.667	173	12356	1.603	ug/l #	95
73) Isopropylbenzene	9.860	105	50934	1.655	ug/l	97
74) N-amyl acetate	9.735	43	18874	1.674	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.172	83	24813	1.924	ug/l	96
76) 1,2,3-Trichloropropane	10.204	75	18420	1.923	ug/l	76
77) Bromobenzene	10.149	156	16666	2.064	ug/l	97
78) n-propylbenzene	10.281	91	63918	1.777	ug/l	99
79) 2-Chlorotoluene	10.352	91	40911	1.788	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	44478	1.713	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.001	75	258521	65.864	ug/l #	13
82) 4-Chlorotoluene	10.471	91	45462	1.778	ug/l	99
83) tert-Butylbenzene	10.792	119	46325	1.702	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	41032	1.606	ug/l	96
85) sec-Butylbenzene	11.014	105	56066	1.614	ug/l	99
86) p-Isopropyltoluene	11.172	119	50720	1.720	ug/l	96
87) 1,3-Dichlorobenzene	11.114	146	28856	1.751	ug/l	97
88) 1,4-Dichlorobenzene	11.198	146	36663	2.045	ug/l	89
89) n-Butylbenzene	11.587	91	46776	1.737	ug/l	96
90) Hexachloroethane	11.821	117	13050	1.860	ug/l	91
91) 1,2-Dichlorobenzene	11.577	146	29919	1.870	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.362	75	4948	1.697	ug/l	95
93) 1,2,4-Trichlorobenzene	13.191	180	17464	1.849	ug/l	99
94) Hexachlorobutadiene	13.371	225	8442	1.736	ug/l	95
95) Naphthalene	13.432	128	48793	1.572	ug/l	99
96) 1,2,3-Trichlorobenzene	13.677	180	16966	1.733	ug/l	95

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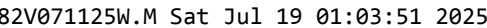
Instrument :
MSVOA_V
ClientSampleId :
MDL07

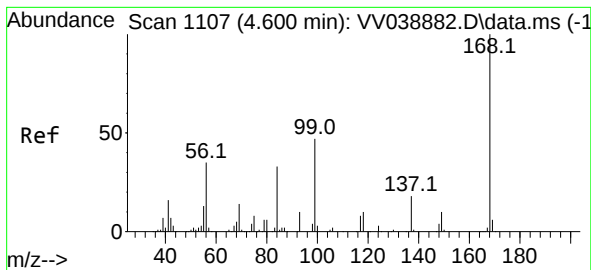
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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:02:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038921.D

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ClientSampleId :

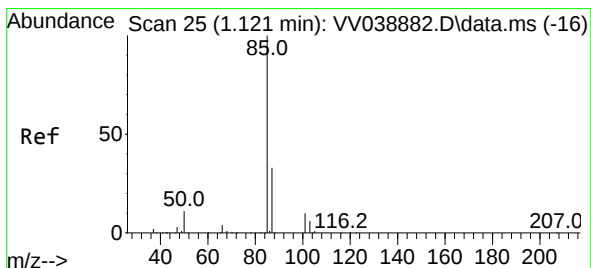
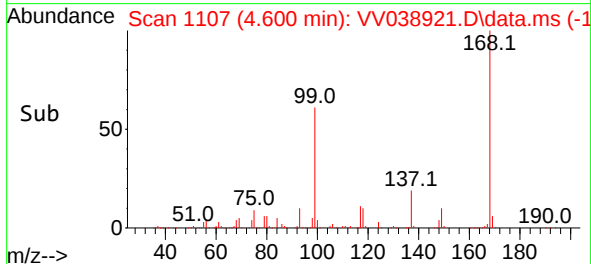
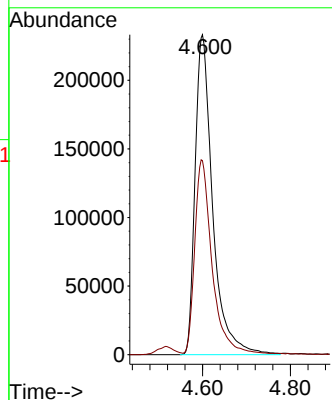
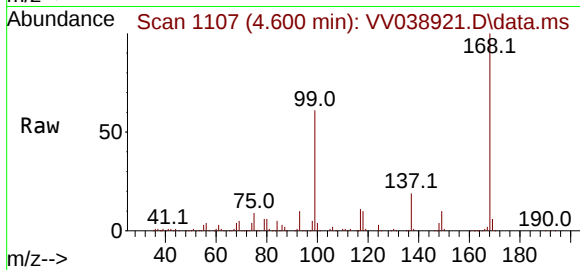
MDL07

Tgt Ion:168 Resp: 647779

Ion Ratio Lower Upper

168 100

99 60.3 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 1.834 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038921.D

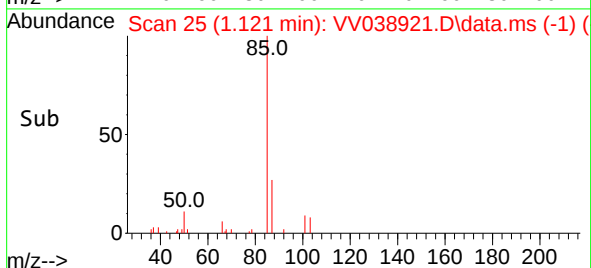
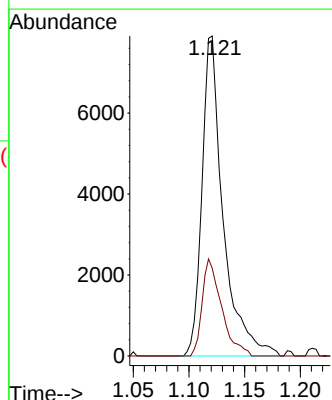
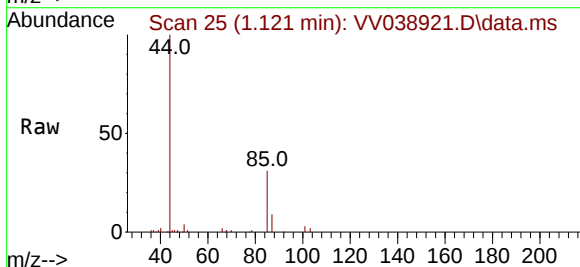
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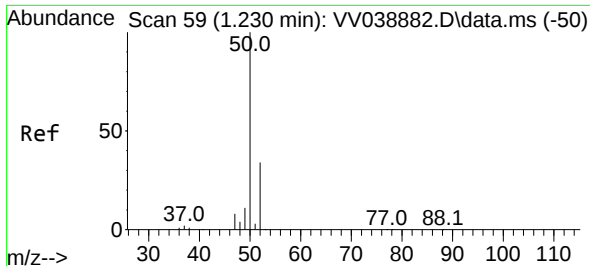
Tgt Ion: 85 Resp: 10436

Ion Ratio Lower Upper

85 100

87 27.5 16.3 48.8

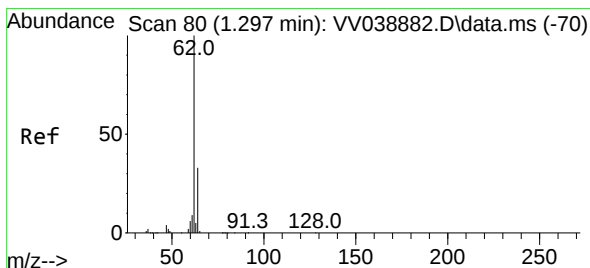
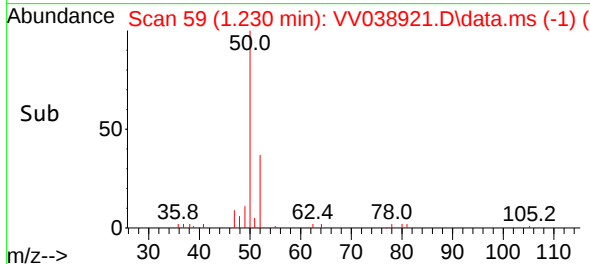
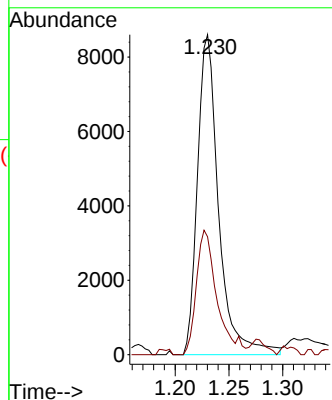
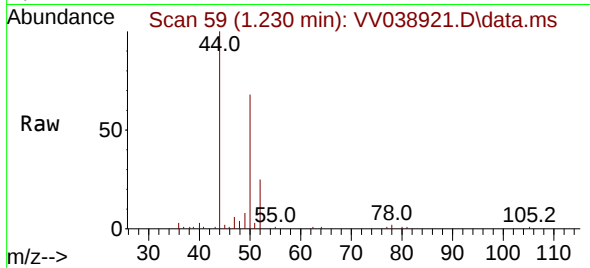




#3
Chloromethane
Concen: 1.914 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038921.D
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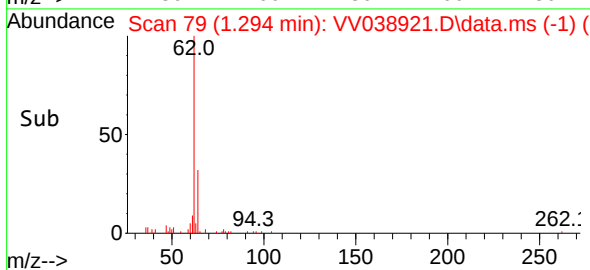
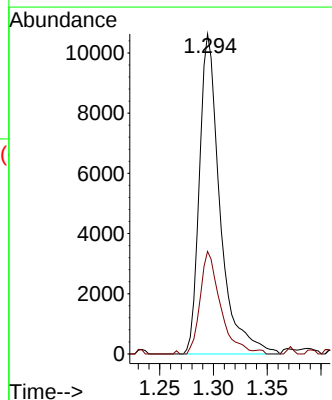
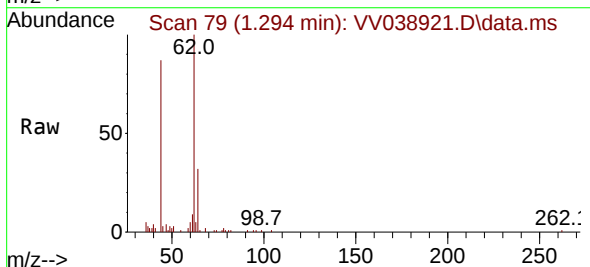
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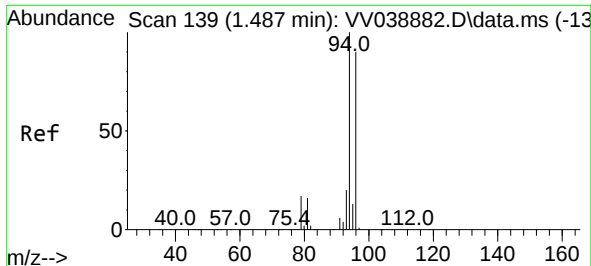
Tgt Ion: 50 Resp: 11763
Ion Ratio Lower Upper
50 100
52 36.9 26.9 40.3



#4
Vinyl Chloride
Concen: 2.015 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 62 Resp: 14176
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

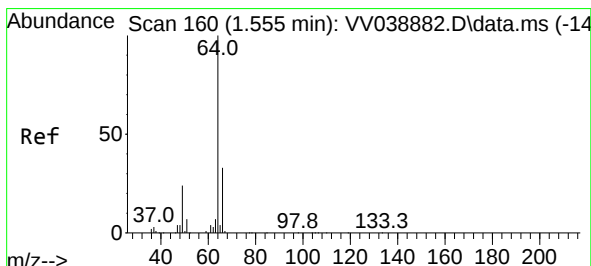
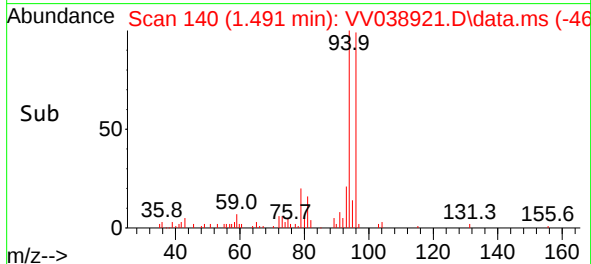
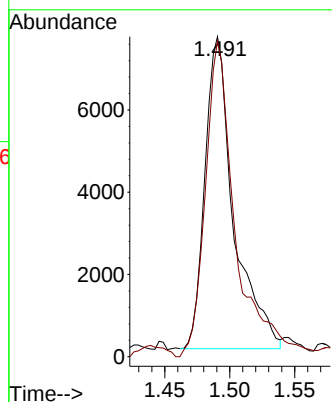
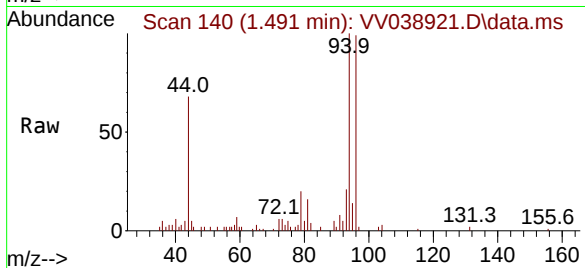




#5
Bromomethane
Concen: 2.217 ug/l
RT: 1.491 min Scan# 14
Delta R.T. 0.004 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

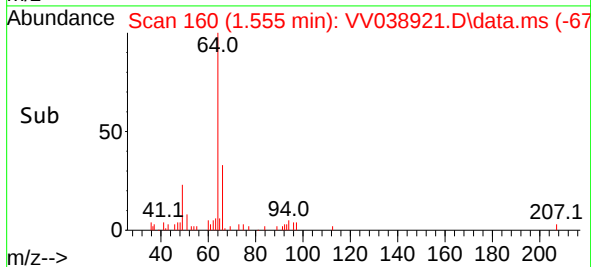
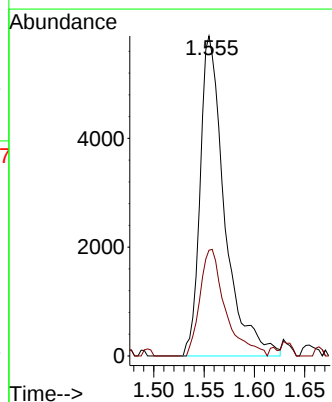
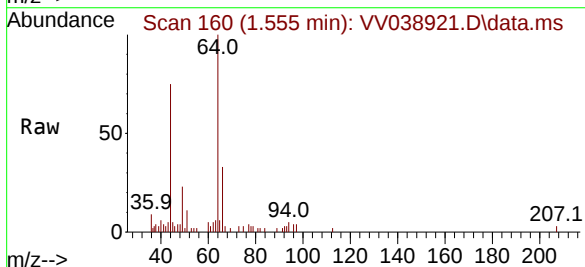
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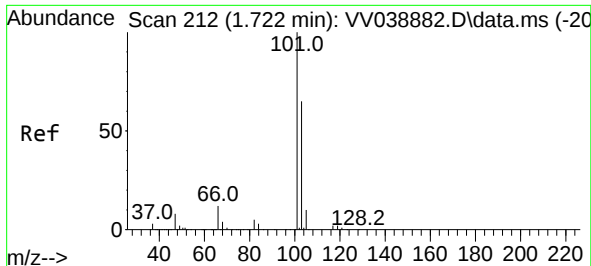
Tgt Ion: 94 Resp: 11696
Ion Ratio Lower Upper
94 100
96 101.1 71.9 107.9



#6
Chloroethane
Concen: 2.117 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 64 Resp: 9956
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.2

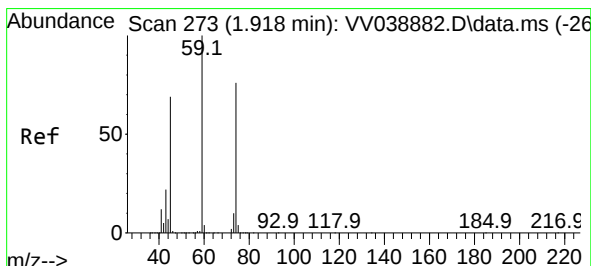
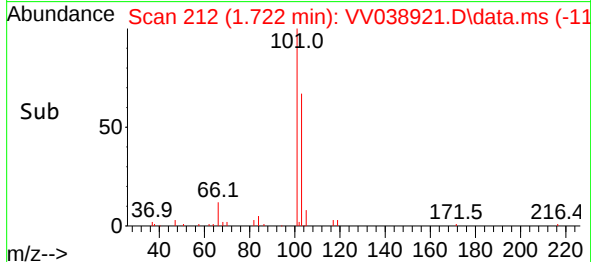
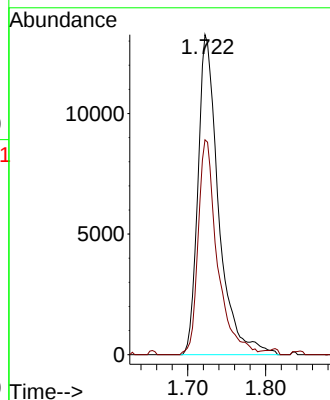
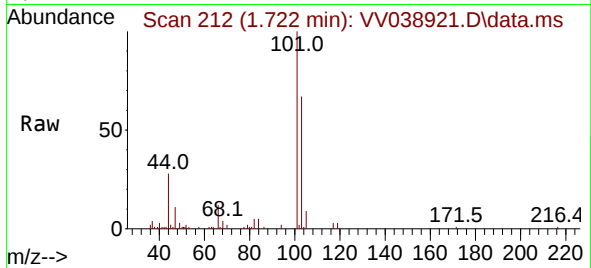




#7
 Trichlorofluoromethane
 Concen: 1.961 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038921.D
 Acq: 18 Jul 2025 15:01

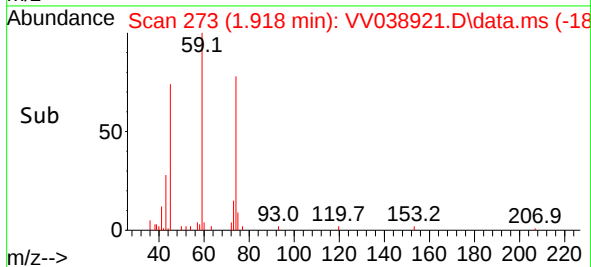
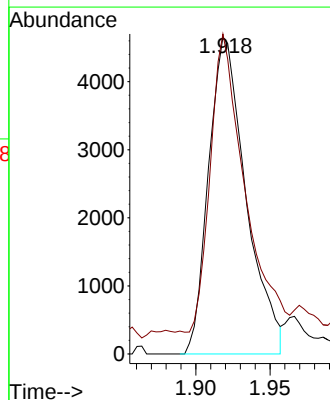
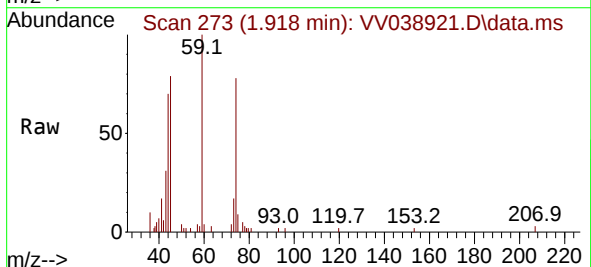
Instrument :
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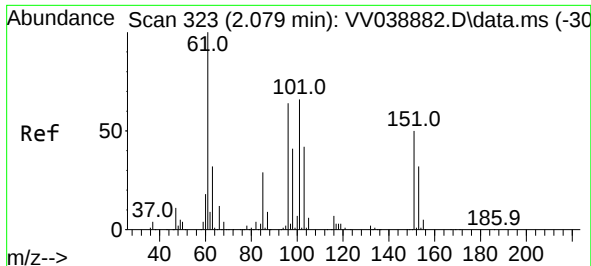
Tgt Ion:101 Resp: 24414
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.8 77.6



#8
 Diethyl Ether
 Concen: 1.822 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV038921.D
 Acq: 18 Jul 2025 15:01

Tgt Ion: 74 Resp: 8154
 Ion Ratio Lower Upper
 74 100
 45 86.6 45.5 136.5

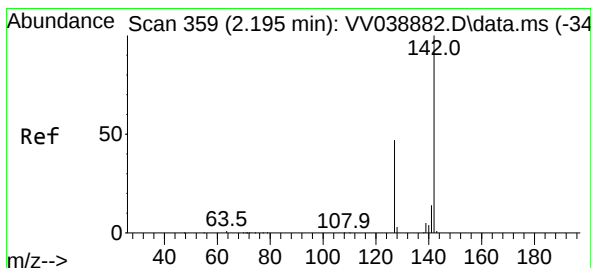
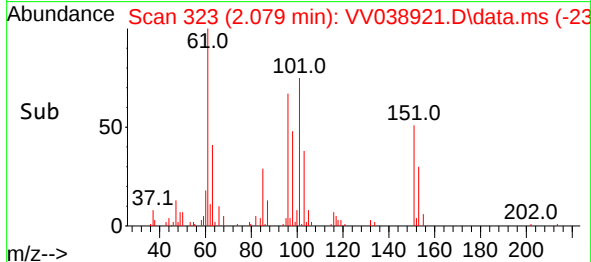
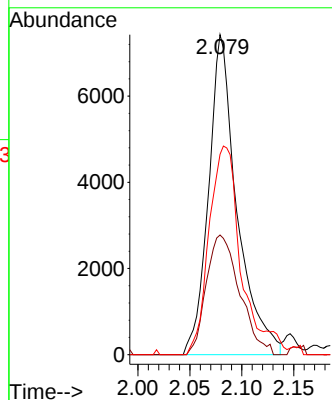
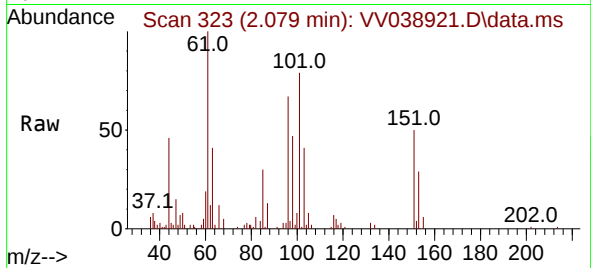




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.896 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

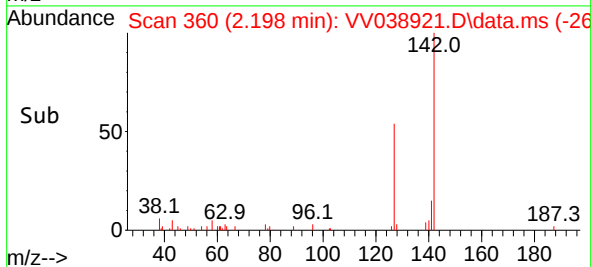
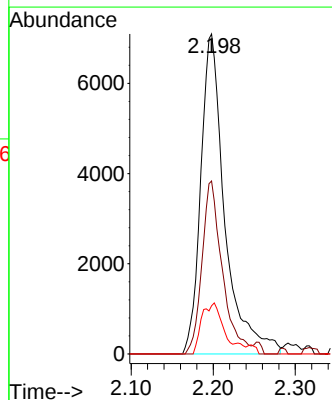
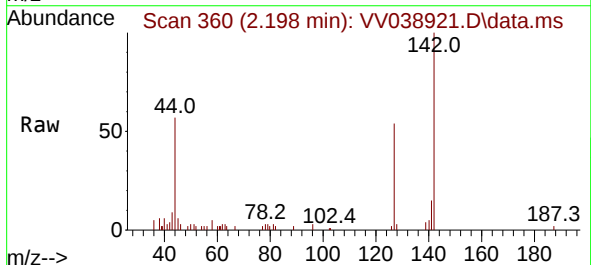
Instrument :
MSVOA_V
ClientSampleId :
MDL07

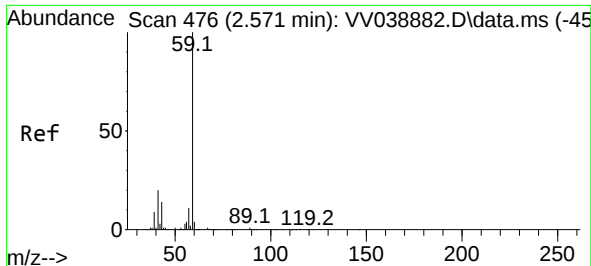
Tgt Ion:101 Resp: 14110
Ion Ratio Lower Upper
101 100
85 44.0 35.0 52.6
151 73.6 60.1 90.1



#10
Methyl Iodide
Concen: 1.688 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:142 Resp: 14423
Ion Ratio Lower Upper
142 100
127 45.8 37.3 55.9
141 13.8 11.2 16.8

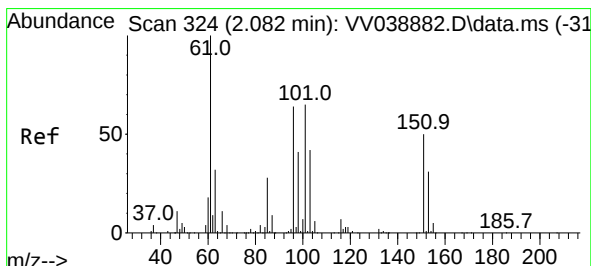
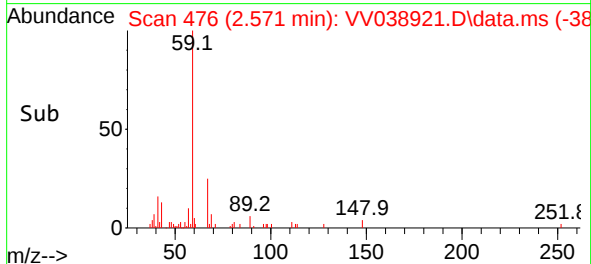
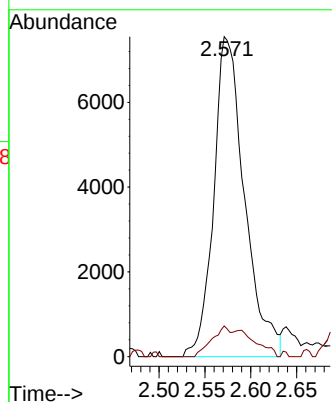
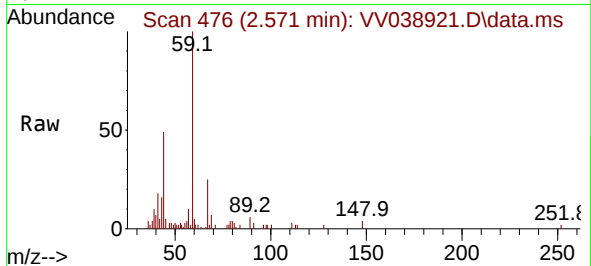




#11
Tert butyl alcohol
Concen: 9.676 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

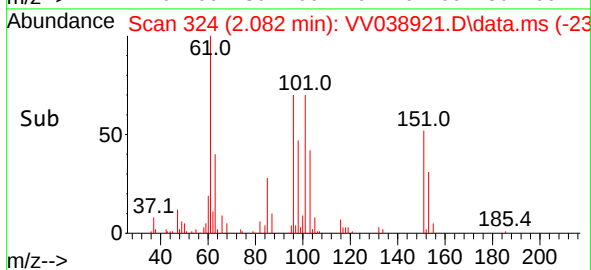
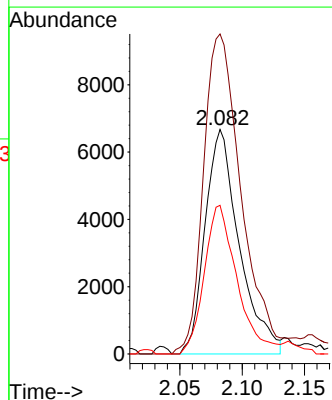
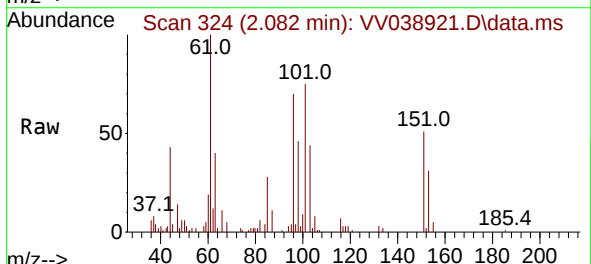
Instrument :
MSVOA_V
ClientSampleId :
MDL07

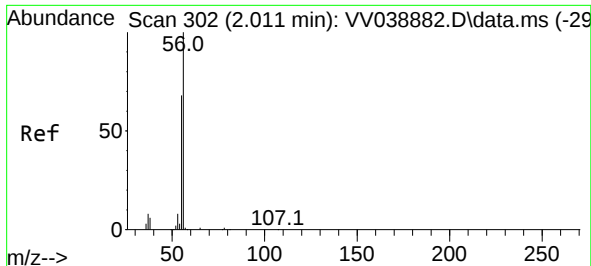
Tgt Ion: 59 Resp: 17632
Ion Ratio Lower Upper
59 100
57 6.2 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 1.880 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 96 Resp: 12751
Ion Ratio Lower Upper
96 100
61 139.6 124.1 186.1
98 66.2 50.6 75.8

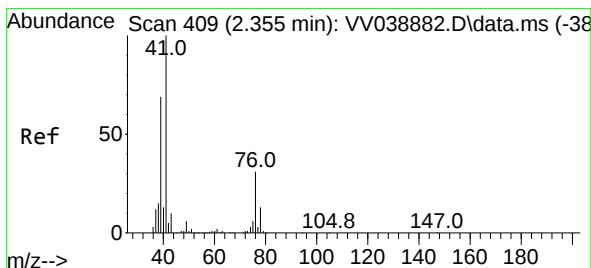
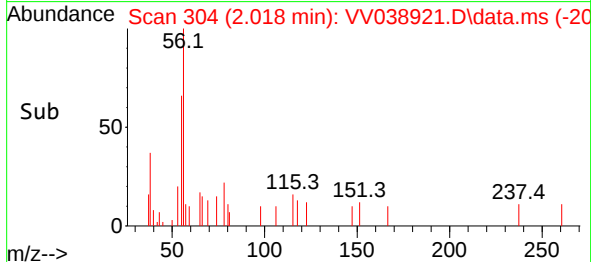
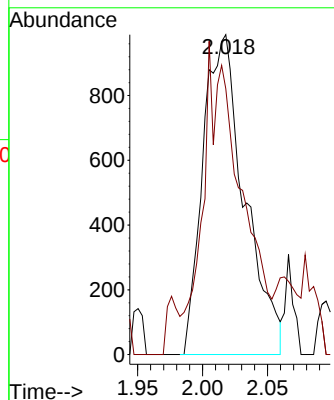
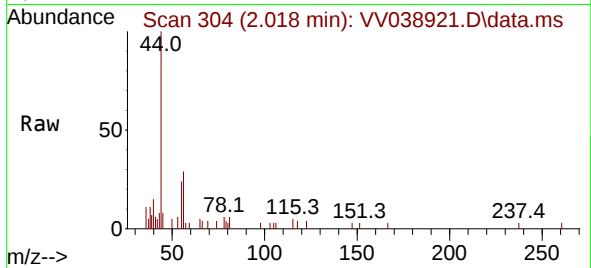




#13
Acrolein
Concen: 8.334 ug/l
RT: 2.018 min Scan# 302
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

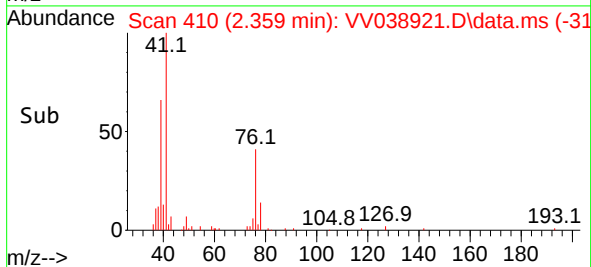
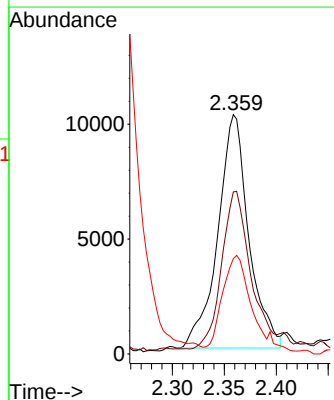
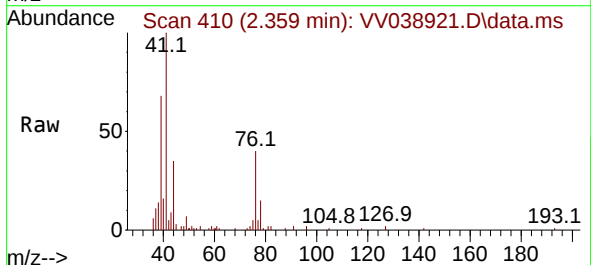
Instrument :
MSVOA_V
ClientSampleId :
MDL07

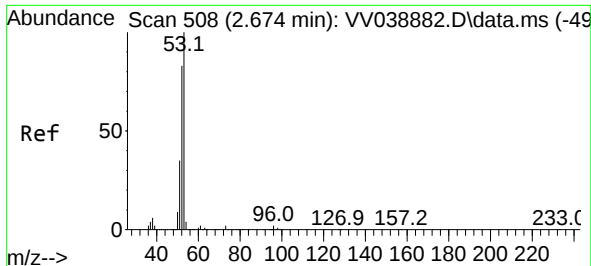
Tgt Ion: 56 Resp: 2196
Ion Ratio Lower Upper
56 100
55 89.8 56.7 85.1#



#14
Allyl chloride
Concen: 1.949 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 41 Resp: 21054
Ion Ratio Lower Upper
41 100
39 63.1 50.6 76.0
76 38.8 30.4 45.6

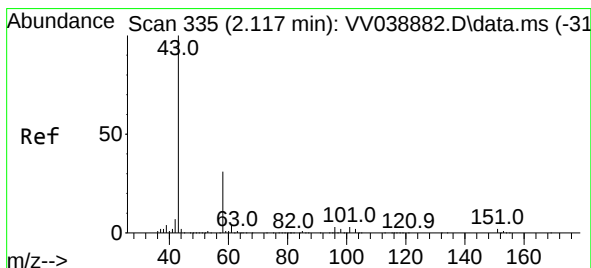
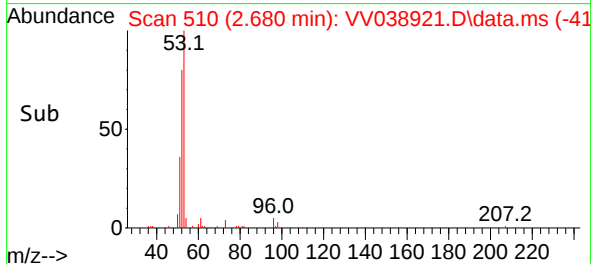
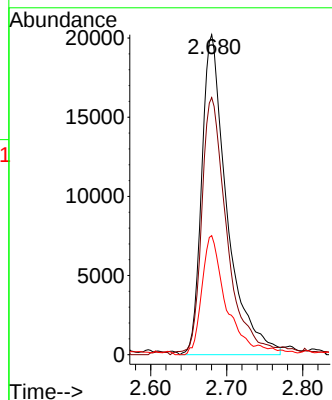
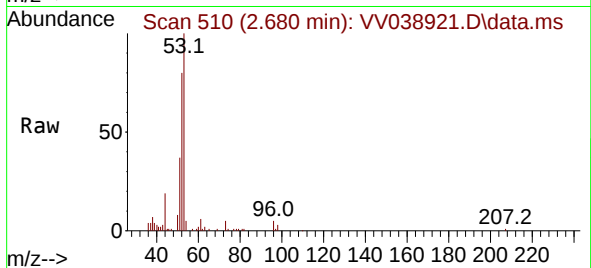




#15
Acrylonitrile
Concen: 10.014 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

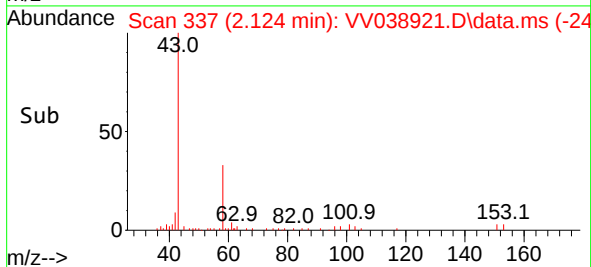
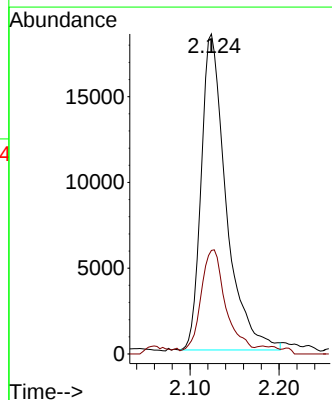
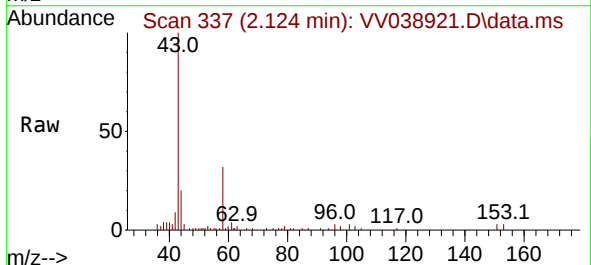
Instrument :
MSVOA_V
ClientSampleId :
MDL07

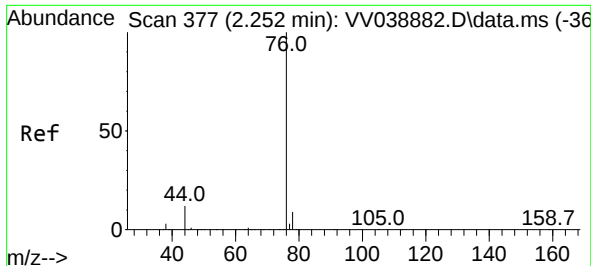
Tgt Ion: 53 Resp: 46697
Ion Ratio Lower Upper
53 100
52 80.3 66.6 99.8
51 34.7 28.7 43.1



#16
Acetone
Concen: 10.486 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 43 Resp: 35913
Ion Ratio Lower Upper
43 100
58 31.8 25.8 38.6

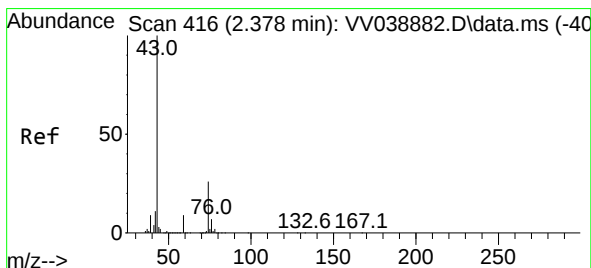
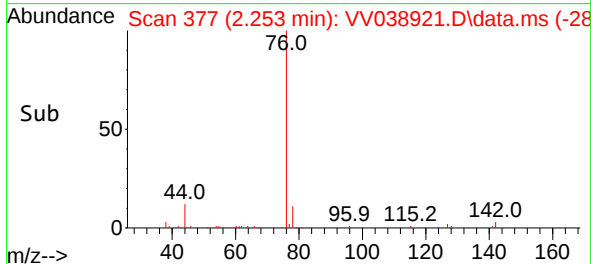
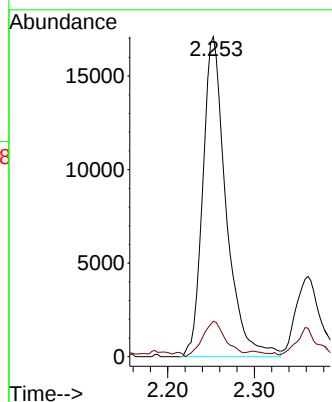
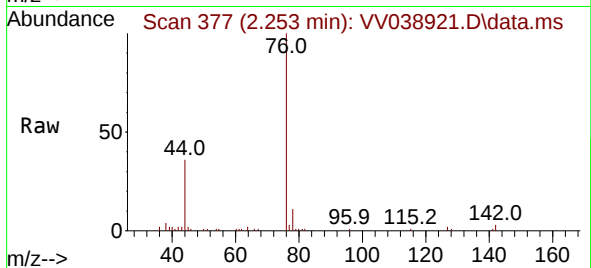




#17
Carbon Disulfide
Concen: 2.256 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.001 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

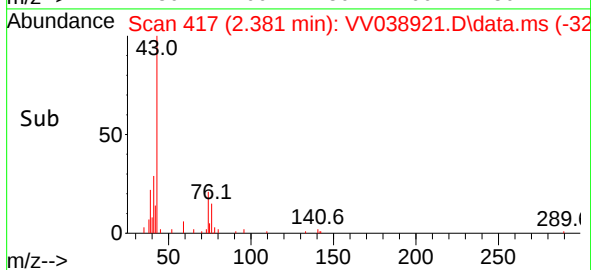
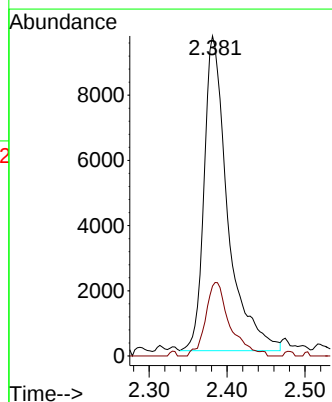
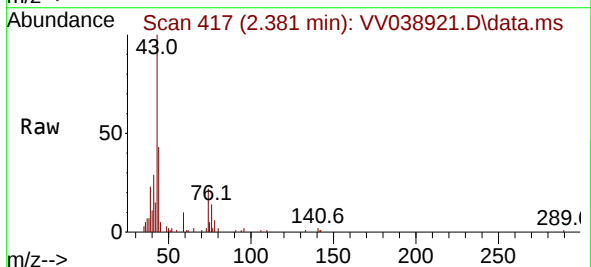
Instrument :
MSVOA_V
ClientSampleId :
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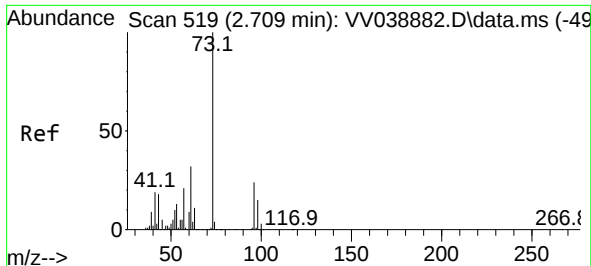
Tgt Ion: 76 Resp: 31917
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#18
Methyl Acetate
Concen: 1.758 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 43 Resp: 20374
Ion Ratio Lower Upper
43 100
74 24.0 21.1 31.7

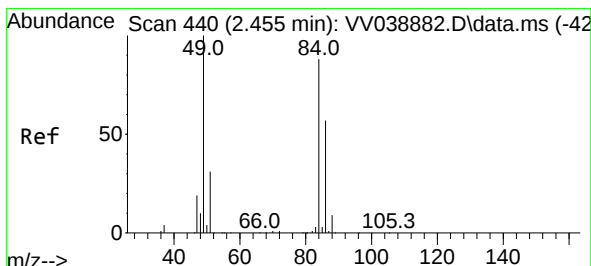
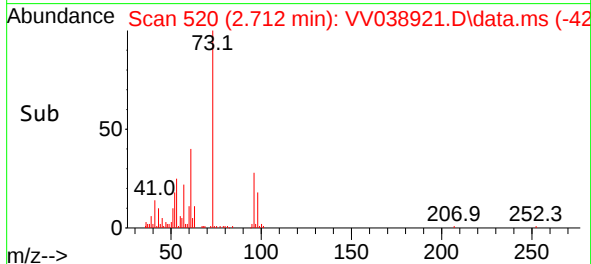
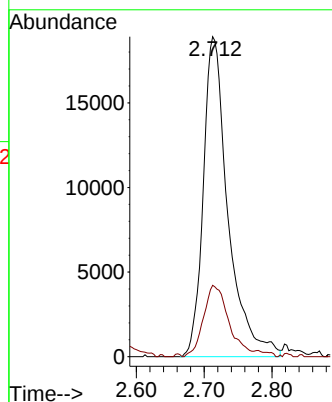
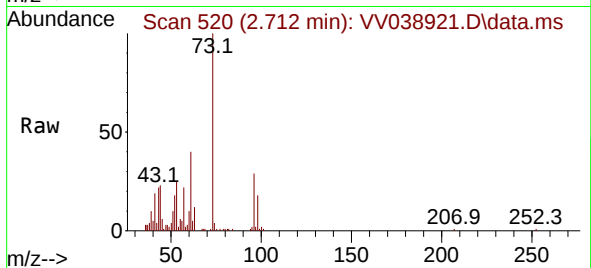




#19
Methyl tert-butyl Ether
Concen: 1.888 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

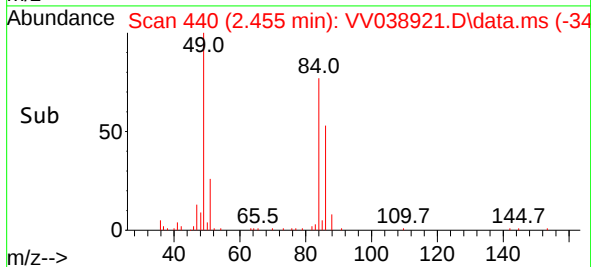
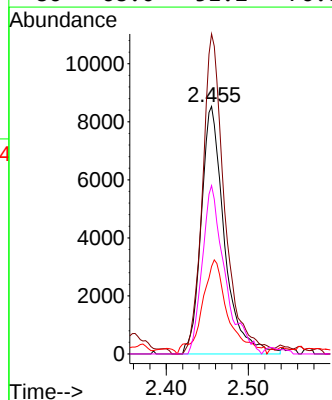
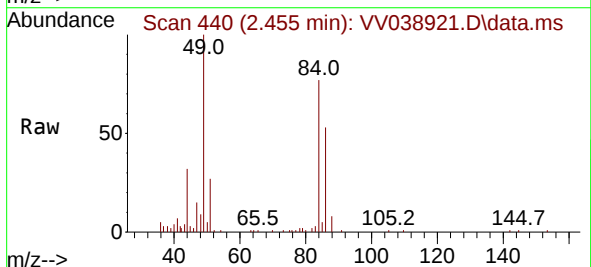
Instrument :
MSVOA_V
ClientSampleId :
MDL07

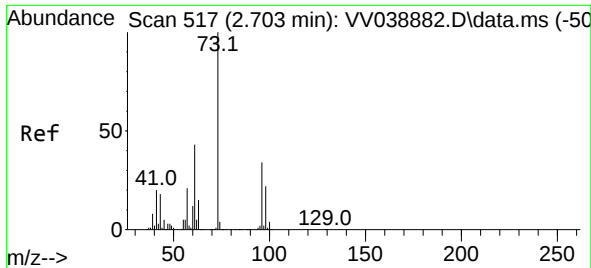
Tgt Ion: 73 Resp: 47993
Ion Ratio Lower Upper
73 100
57 21.8 16.5 24.7



#20
Methylene Chloride
Concen: 1.925 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 84 Resp: 16729
Ion Ratio Lower Upper
84 100
49 129.3 90.5 135.7
51 32.8 27.8 41.6
86 68.0 51.2 76.8

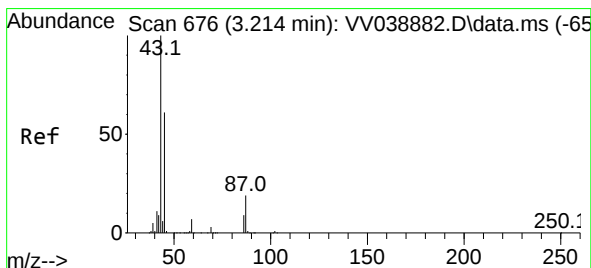
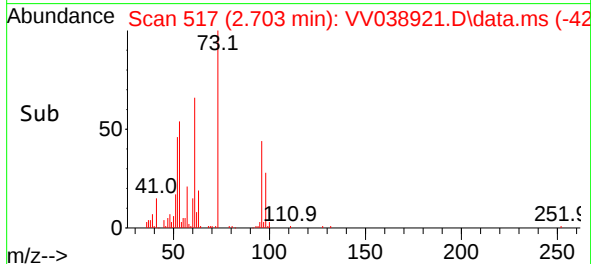
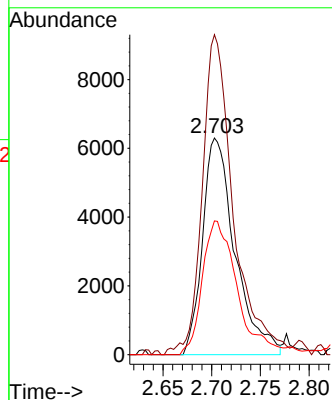
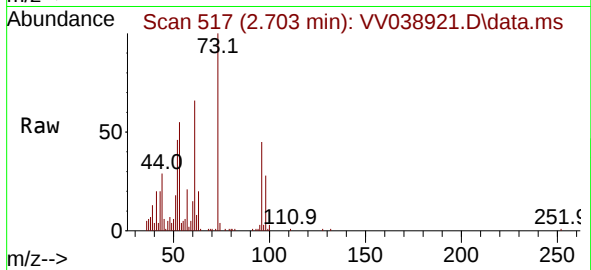




#21
trans-1,2-Dichloroethene
Concen: 2.024 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

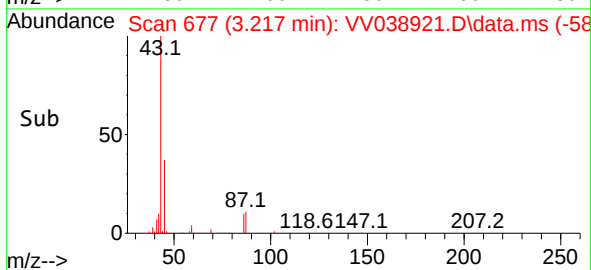
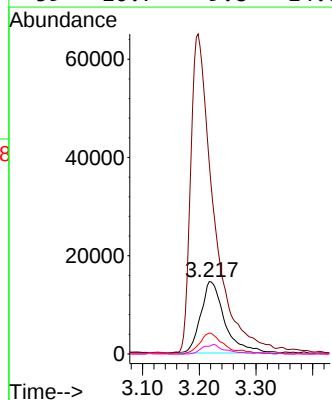
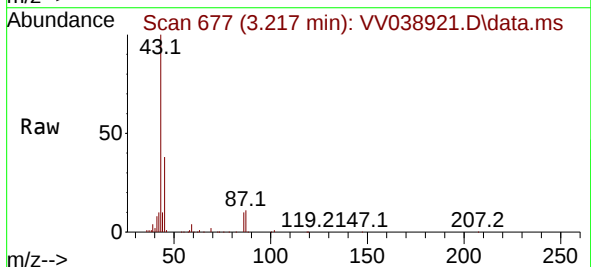
Instrument :
MSVOA_V
ClientSampleId :
MDL07

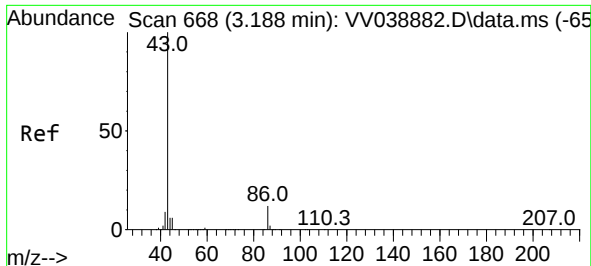
Tgt Ion: 96 Resp: 14606
Ion Ratio Lower Upper
96 100
61 142.3 102.0 153.0
98 61.8 51.0 76.6



#22
Diisopropyl ether
Concen: 1.976 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 45 Resp: 42664
Ion Ratio Lower Upper
45 100
43 265.3 132.1 198.1#
87 29.1 25.0 37.4
59 10.7 9.8 14.8

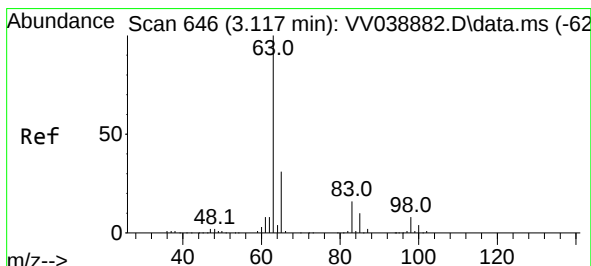
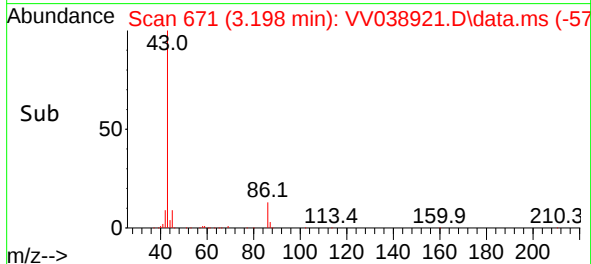
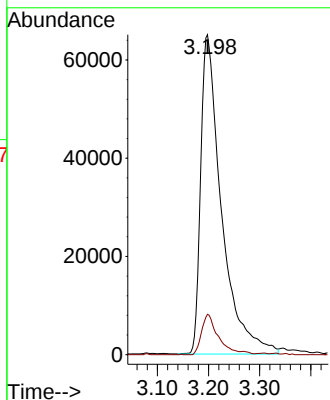
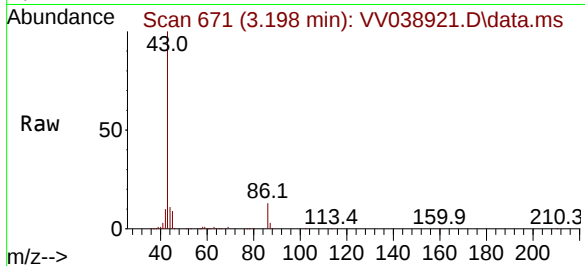




#23
 Vinyl Acetate
 Concen: 10.852 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038921.D
 Acq: 18 Jul 2025 15:01

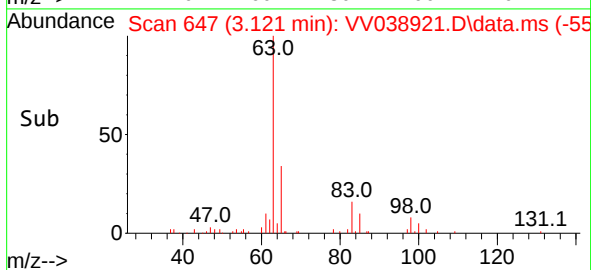
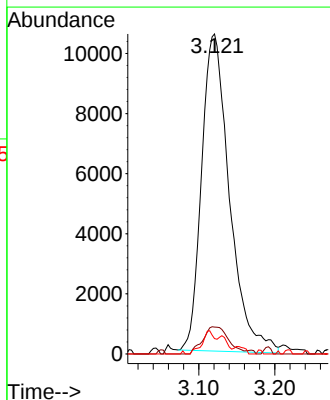
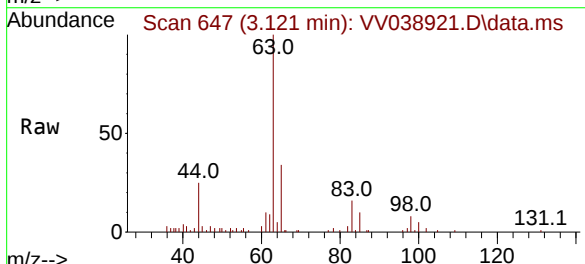
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

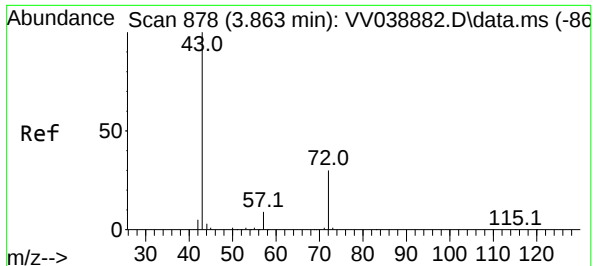
Tgt Ion: 43 Resp: 183691
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 1.901 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038921.D
 Acq: 18 Jul 2025 15:01

Tgt Ion: 63 Resp: 26880
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 4.9 2.2 6.6

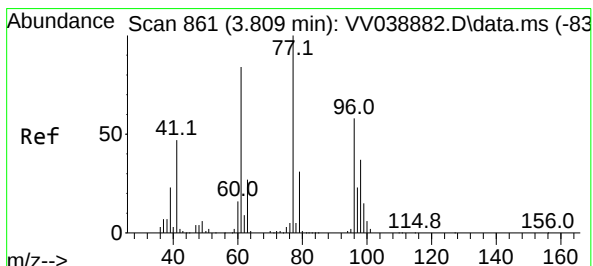
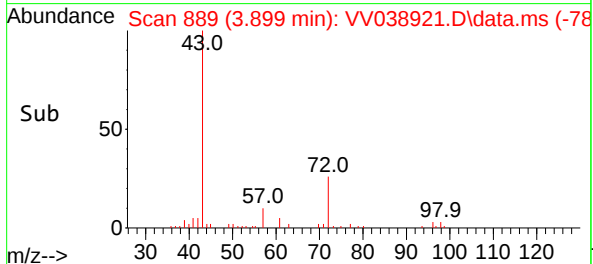
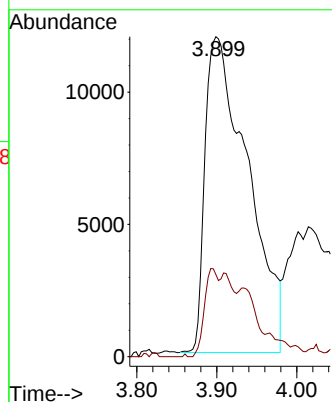
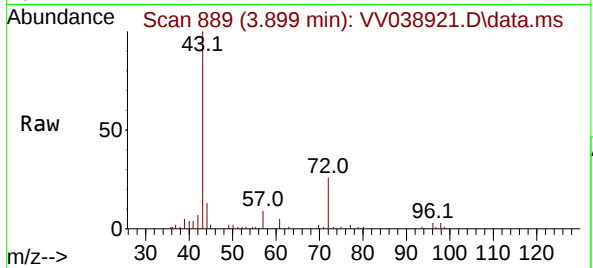




#25
2-Butanone
Concen: 9.030 ug/l
RT: 3.899 min Scan# 81
Delta R.T. 0.036 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

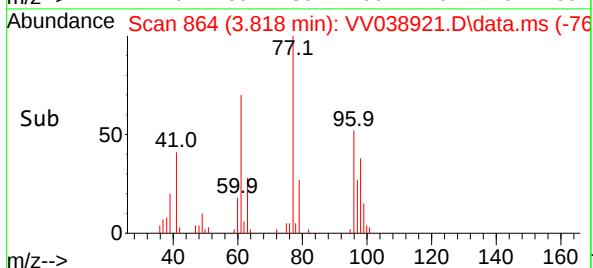
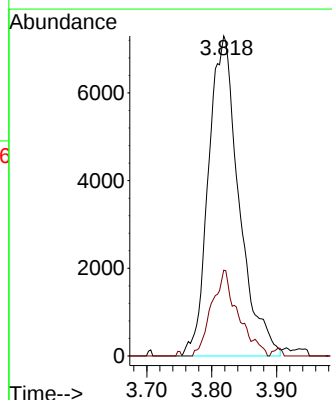
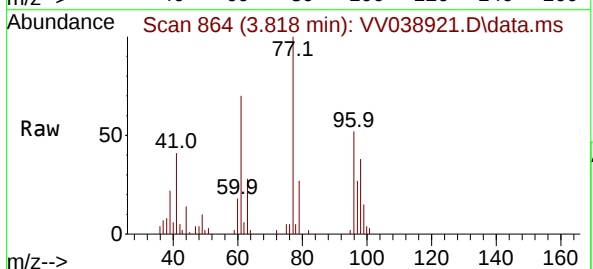
Instrument :
MSVOA_V
ClientSampleId :
MDL07

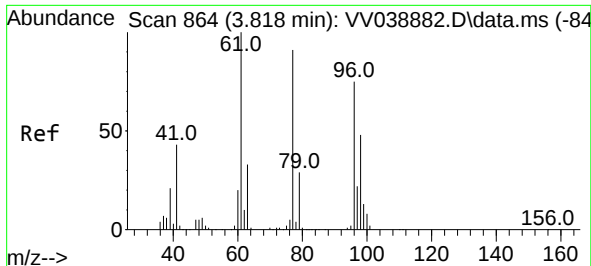
Tgt Ion: 43 Resp: 44326
Ion Ratio Lower Upper
43 100
72 26.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 1.924 ug/l
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 77 Resp: 23810
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.898 ug/l

RT: 3.831 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

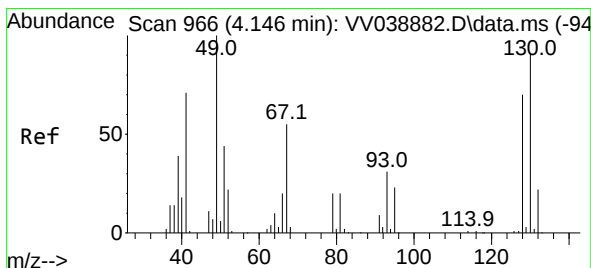
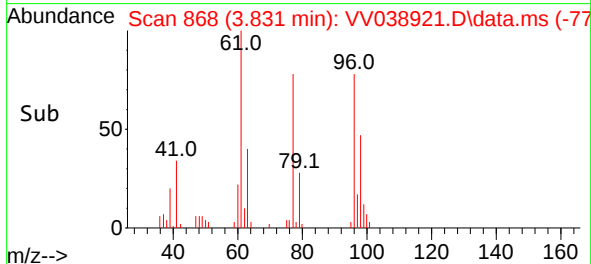
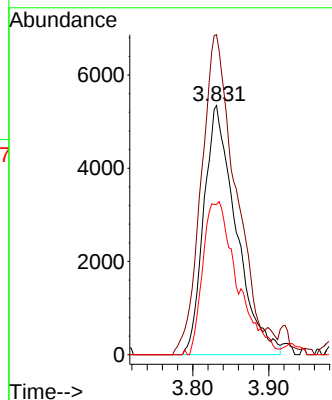
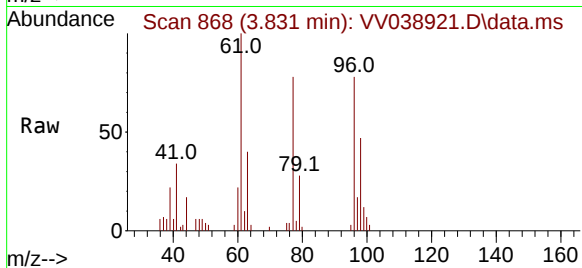
Tgt Ion: 96 Resp: 15726

Ion Ratio Lower Upper

96 100

61 135.9 0.0 275.0

98 65.5 0.0 130.0



#28

Bromochloromethane

Concen: 2.264 ug/l

RT: 4.166 min Scan# 972

Delta R.T. 0.019 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

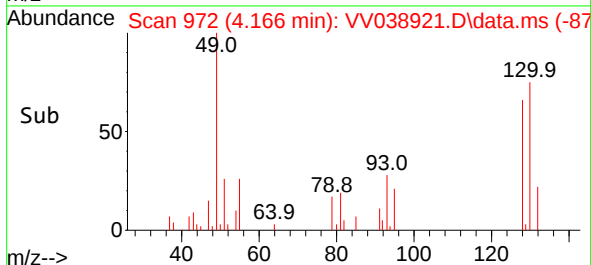
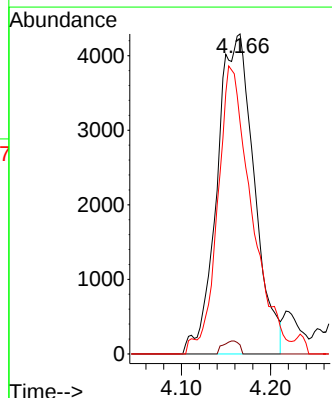
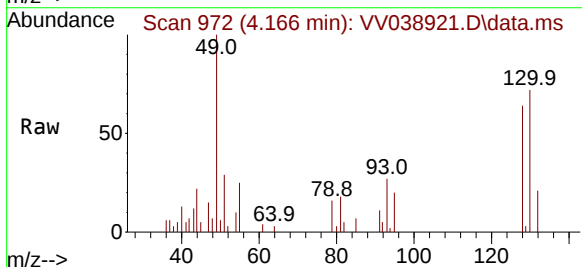
Tgt Ion: 49 Resp: 12391

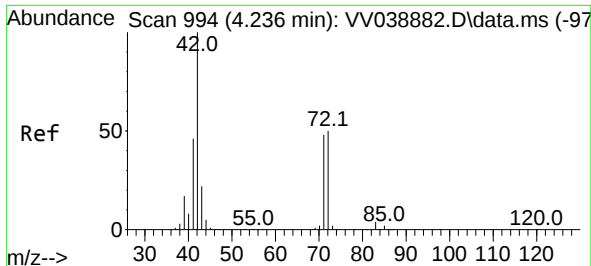
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

130 82.6 70.1 105.1

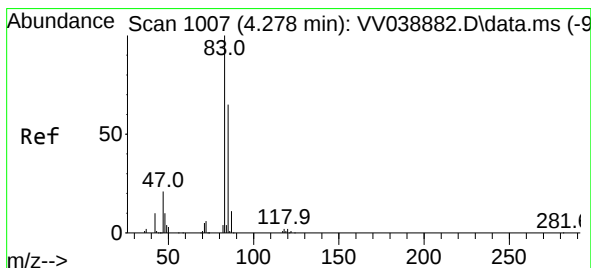
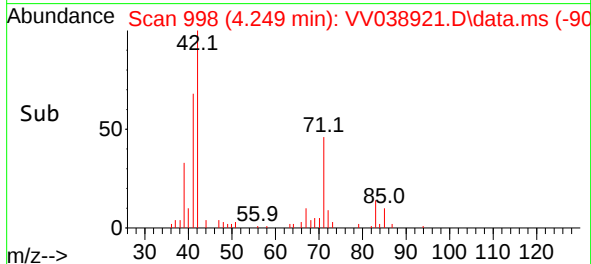
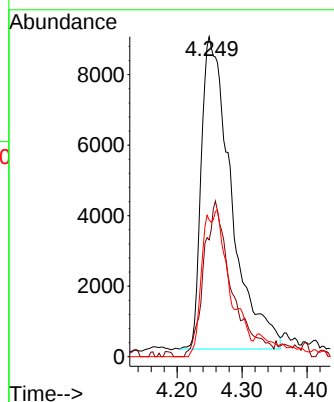
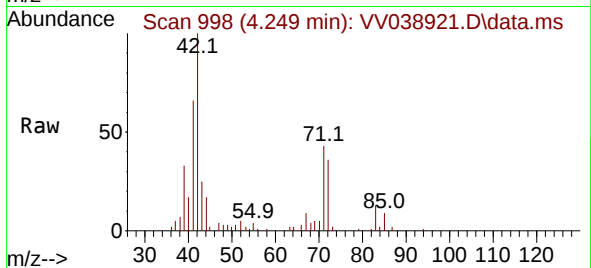




#29
Tetrahydrofuran
Concen: 8.769 ug/l
RT: 4.249 min Scan# 994
Delta R.T. 0.013 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

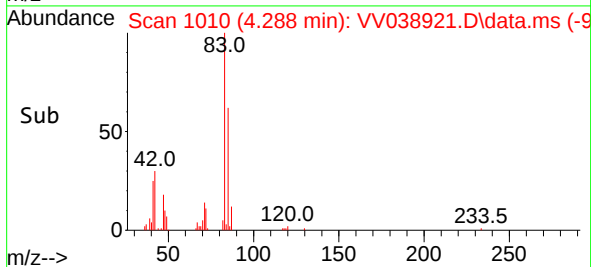
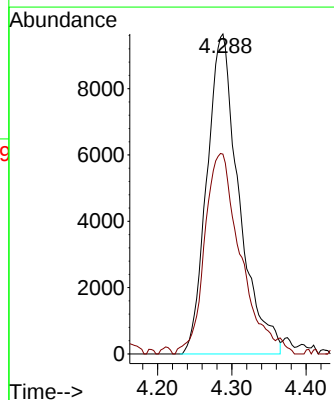
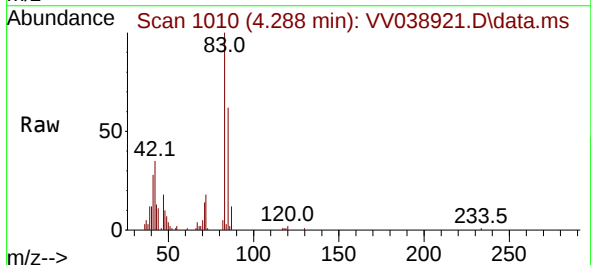
Instrument :
MSVOA_V
ClientSampleId :
MDL07

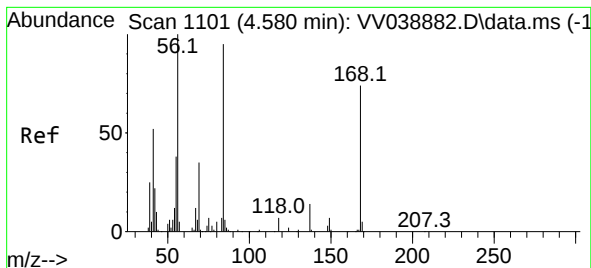
Tgt Ion: 42 Resp: 28372
Ion Ratio Lower Upper
42 100
72 46.6 41.6 62.4
71 16.0 38.4 57.6#



#30
Chloroform
Concen: 1.859 ug/l
RT: 4.288 min Scan# 1010
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 83 Resp: 28970
Ion Ratio Lower Upper
83 100
85 60.4 52.2 78.4





#31

Cyclohexane

Concen: 3.376 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.013 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

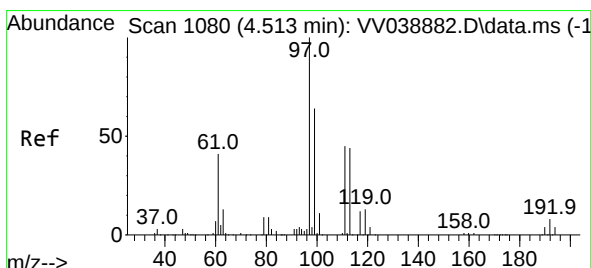
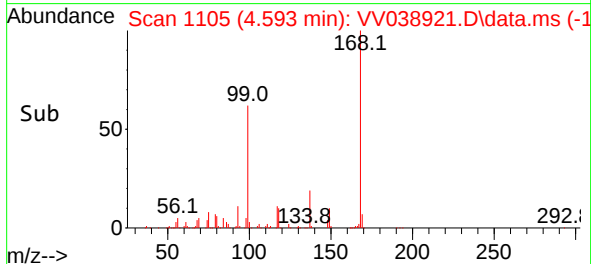
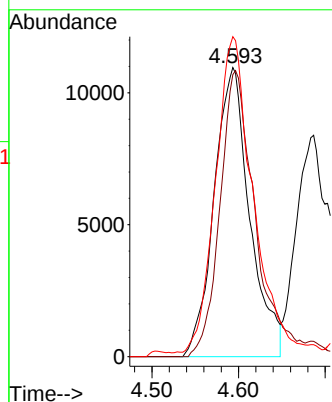
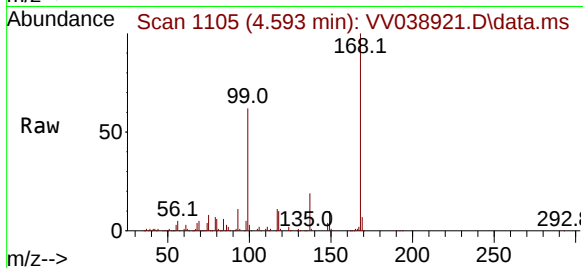
Tgt Ion: 56 Resp: 31325

Ion Ratio Lower Upper

56 100

69 97.6 28.2 42.2#

84 109.2 76.0 114.0



#32

1,1,1-Trichloroethane

Concen: 1.952 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

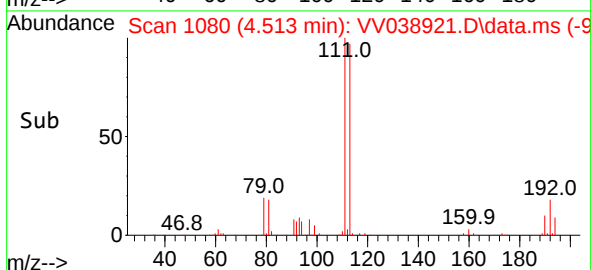
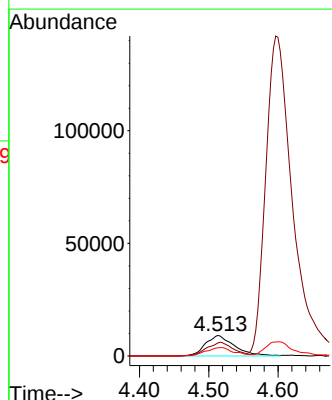
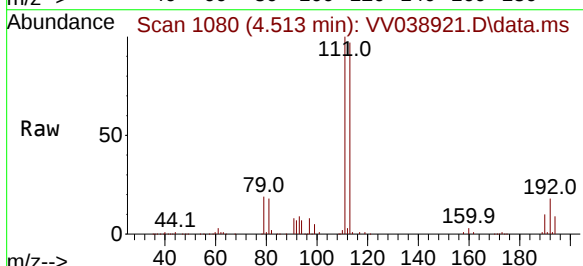
Tgt Ion: 97 Resp: 26547

Ion Ratio Lower Upper

97 100

99 60.1 50.1 75.1

61 39.4 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 55.929 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

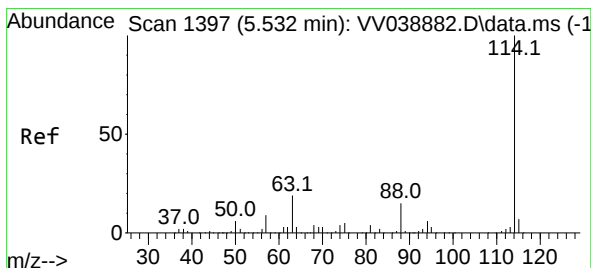
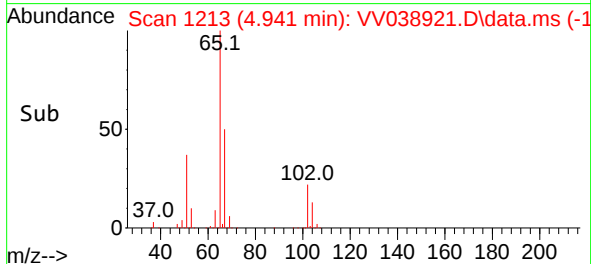
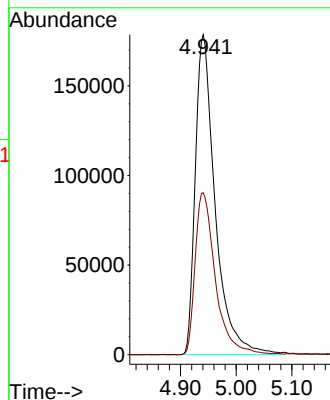
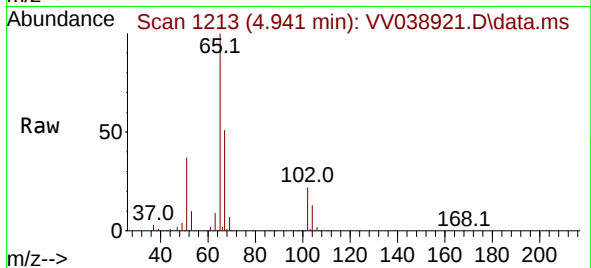
MDL07

Tgt Ion: 65 Resp: 442661

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

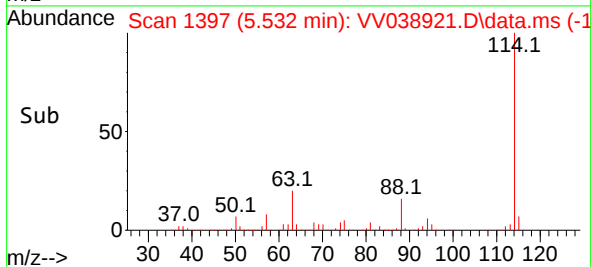
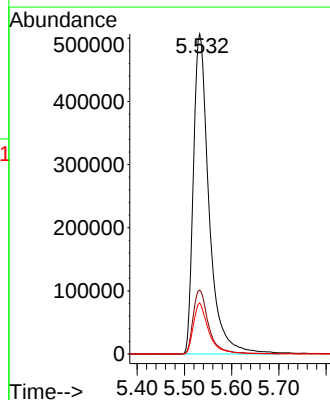
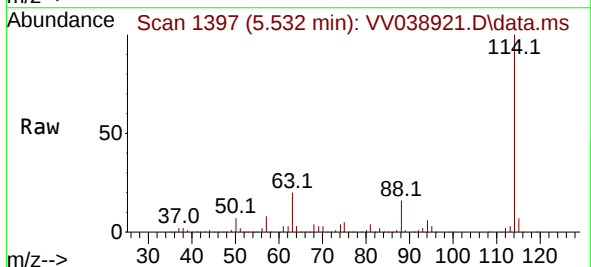
Tgt Ion: 114 Resp: 1165184

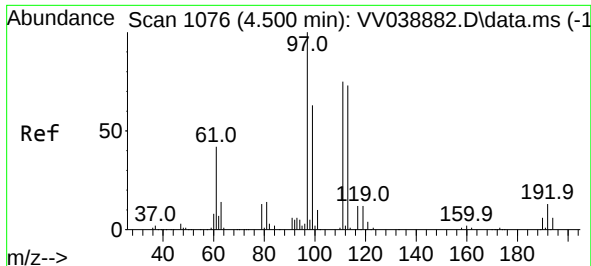
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

88 15.9 0.0 30.8

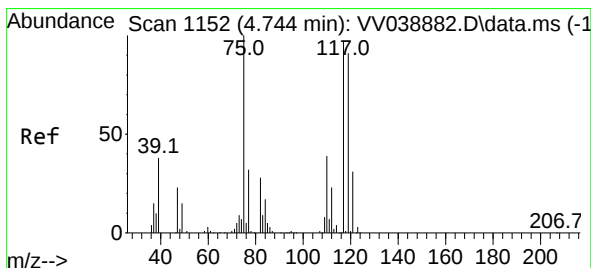
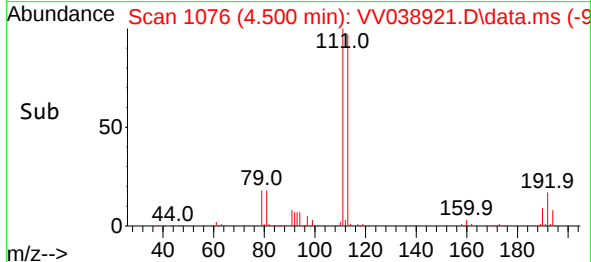
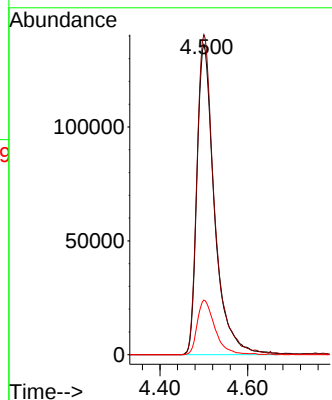
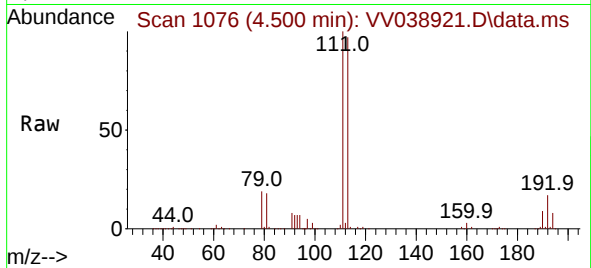




#35
Dibromofluoromethane
Concen: 47.641 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

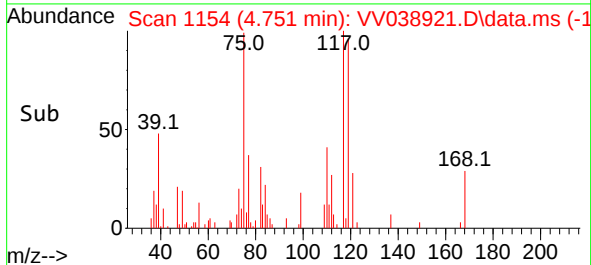
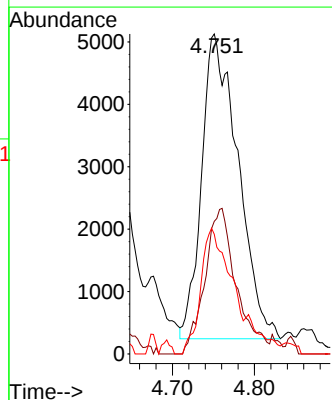
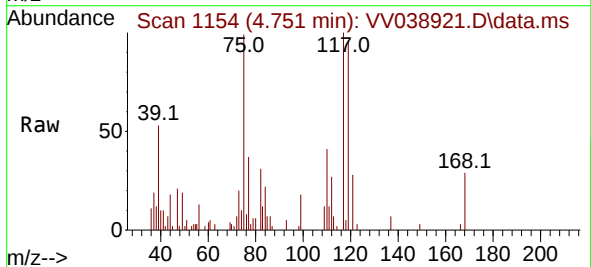
Instrument :
MSVOA_V
ClientSampleId :
MDL07

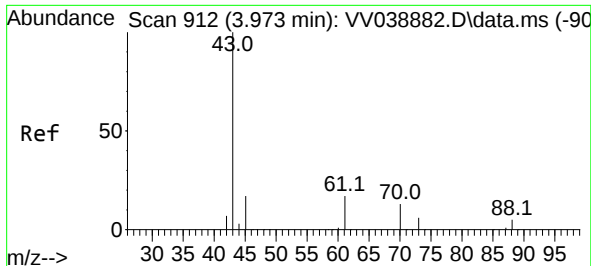
Tgt Ion:113 Resp: 378469
Ion Ratio Lower Upper
113 100
111 102.0 83.3 124.9
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 1.647 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 75 Resp: 15038
Ion Ratio Lower Upper
75 100
110 41.4 18.8 56.3
77 33.3 24.2 36.4





#37

Ethyl Acetate

Concen: 0.174 ug/l

RT: 4.002 min Scan# 91

Delta R.T. 0.029 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

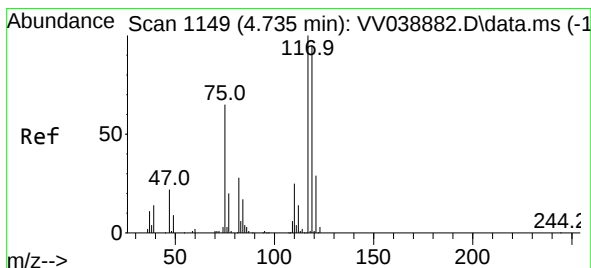
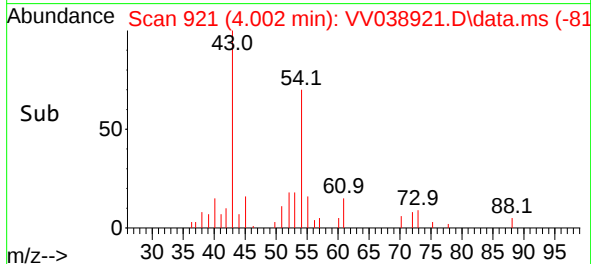
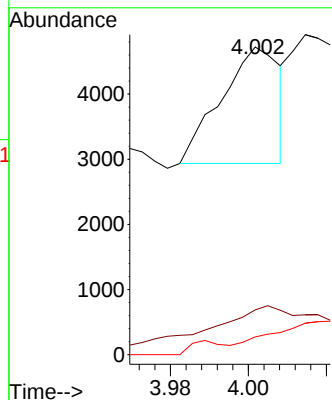
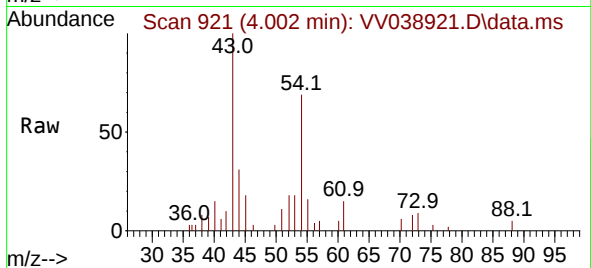
Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

43 100

61 87.5 11.1 16.7#

70 7.2 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 1.823 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

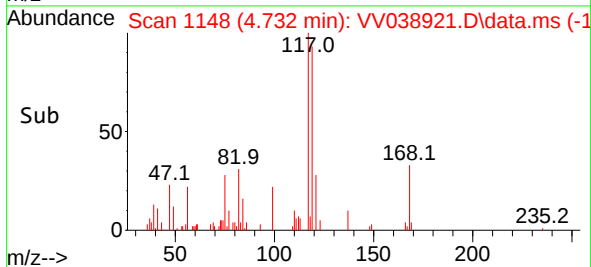
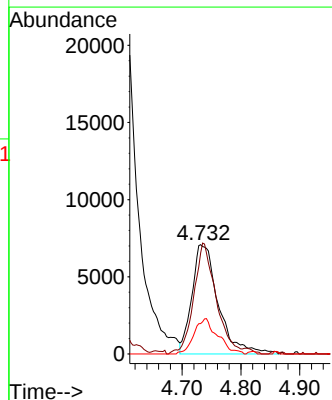
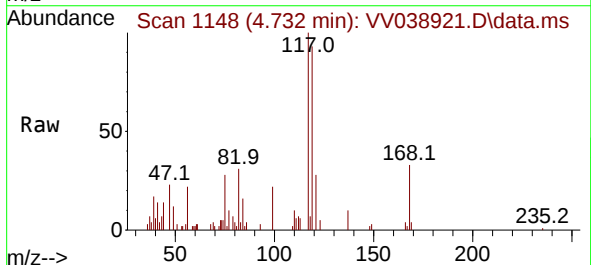
Tgt Ion: 117 Resp: 22114

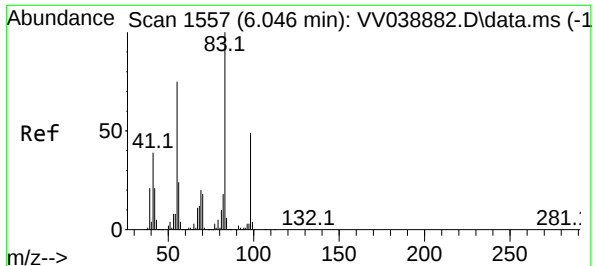
Ion Ratio Lower Upper

117 100

119 91.1 76.0 114.0

121 27.9 23.1 34.7





#39

Methylcyclohexane

Concen: 1.821 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

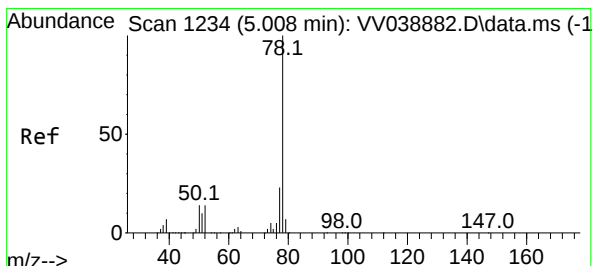
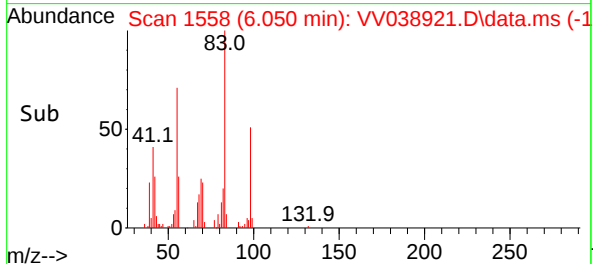
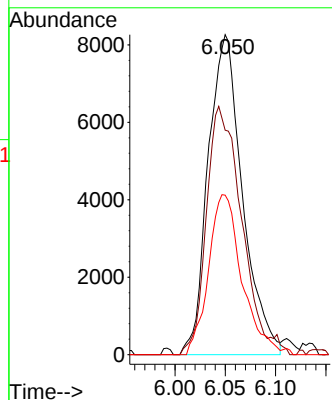
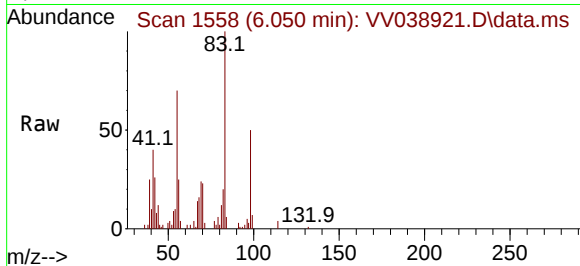
Tgt Ion: 83 Resp: 19614

Ion Ratio Lower Upper

83 100

55 70.1 60.0 90.0

98 49.9 39.0 58.6



#40

Benzene

Concen: 1.734 ug/l

RT: 5.018 min Scan# 1237

Delta R.T. 0.010 min

Lab File: VV038921.D

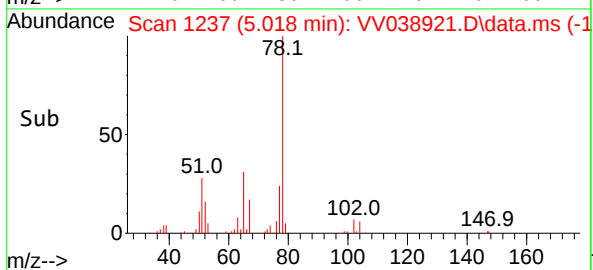
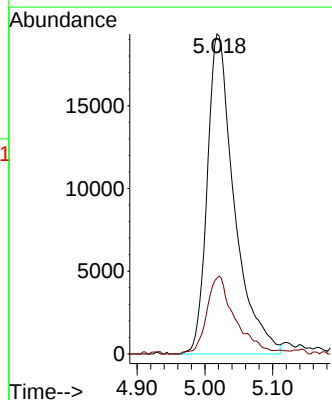
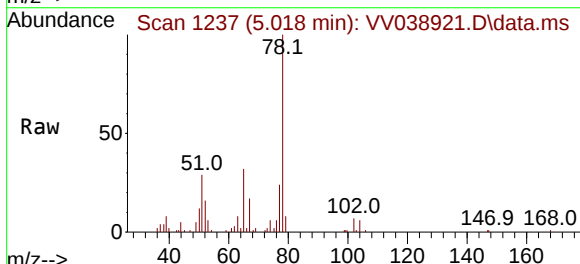
Acq: 18 Jul 2025 15:01

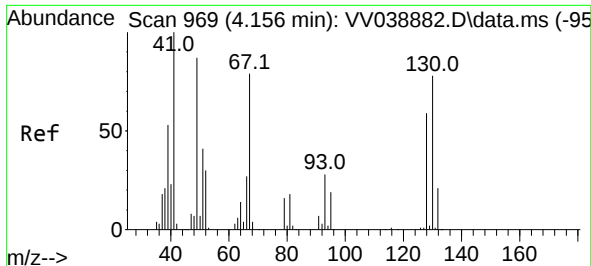
Tgt Ion: 78 Resp: 53663

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

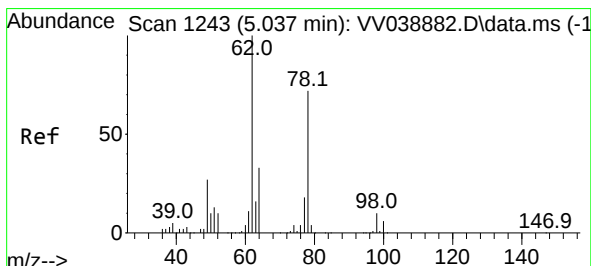
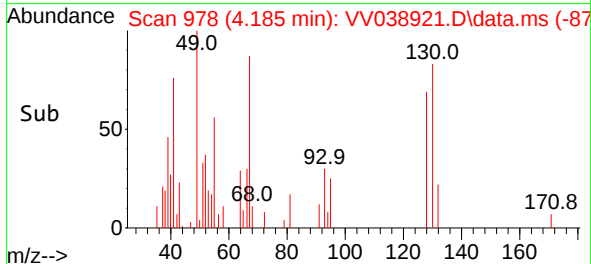
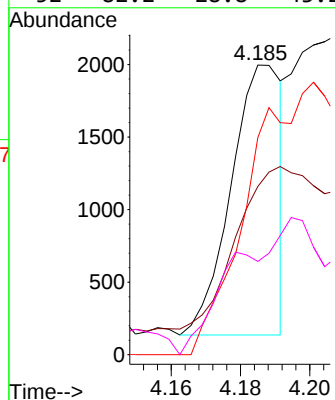
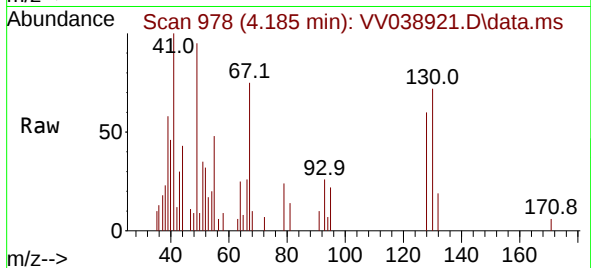




#41
Methacrylonitrile
Concen: 0.382 ug/l
RT: 4.185 min Scan# 91
Delta R.T. 0.029 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

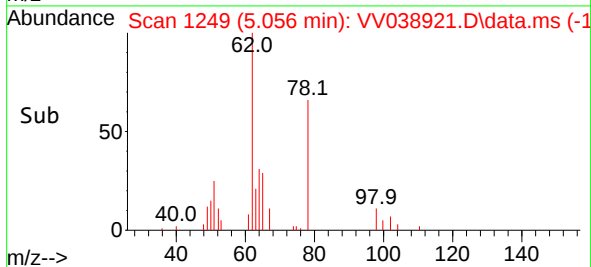
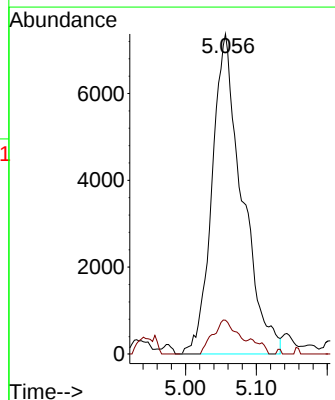
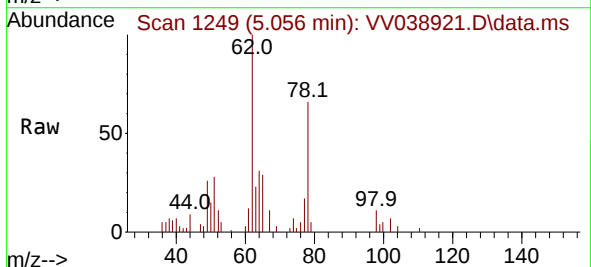
Instrument :
MSVOA_V
ClientSampleId :
MDL07

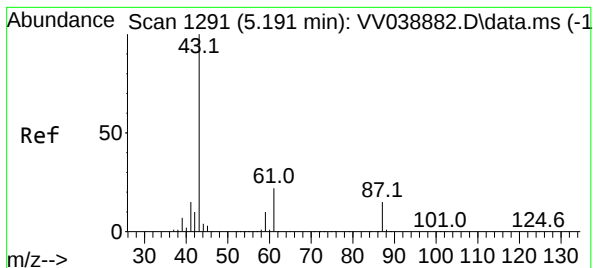
Tgt Ion: 41 Resp: 1887
Ion Ratio Lower Upper
41 100
39 130.5 42.0 63.0#
67 205.6 76.2 114.2#
52 82.2 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 1.845 ug/l
RT: 5.056 min Scan# 1249
Delta R.T. 0.019 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 62 Resp: 21769
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.8





#43

Isopropyl Acetate

Concen: 1.408 ug/l

RT: 5.214 min Scan# 1298

Delta R.T. 0.023 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

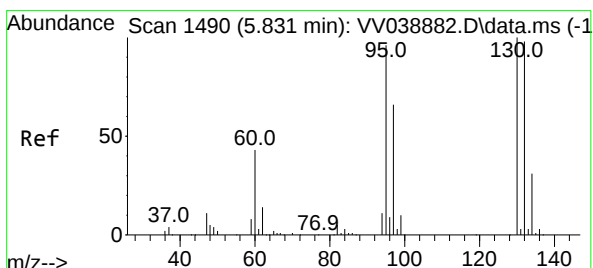
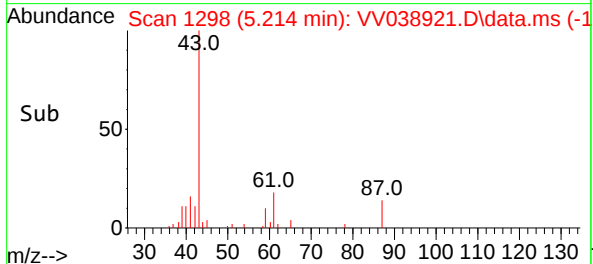
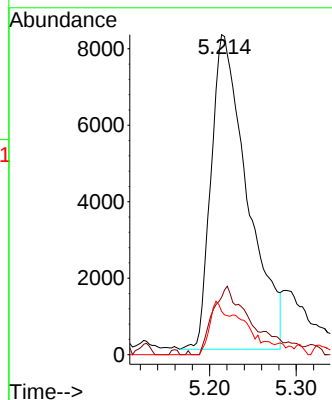
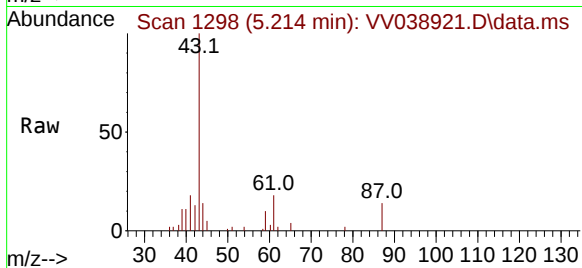
Tgt Ion: 43 Resp: 23944

Ion Ratio Lower Upper

43 100

61 19.2 17.1 25.7

87 8.0 12.2 18.4#



#44

Trichloroethene

Concen: 1.767 ug/l

RT: 5.844 min Scan# 1494

Delta R.T. 0.013 min

Lab File: VV038921.D

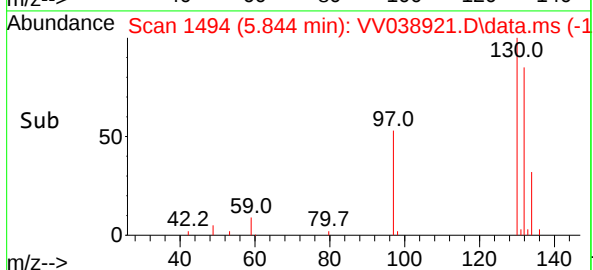
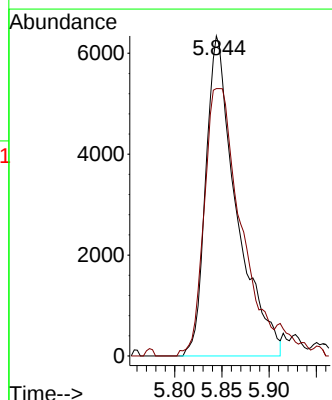
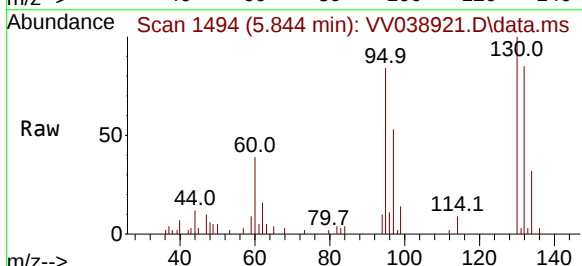
Acq: 18 Jul 2025 15:01

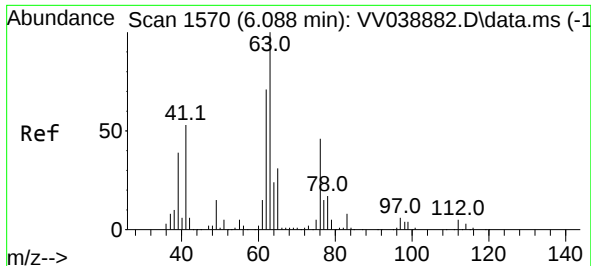
Tgt Ion:130 Resp: 14290

Ion Ratio Lower Upper

130 100

95 81.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.558 ug/l

RT: 6.105 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

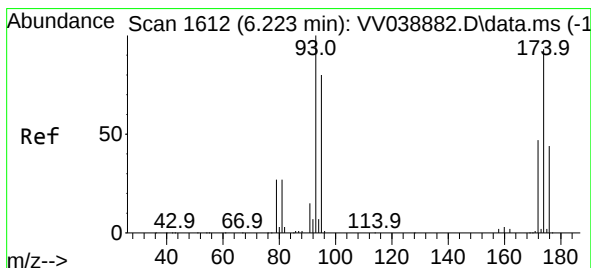
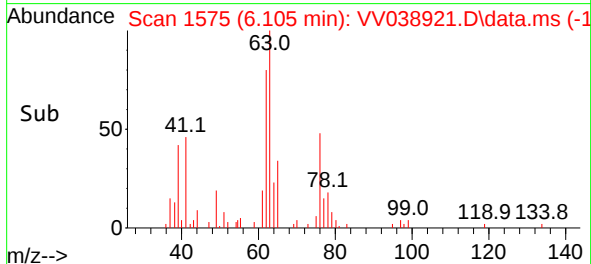
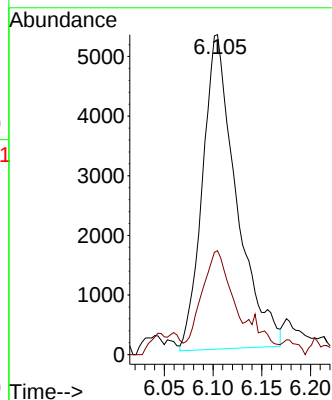
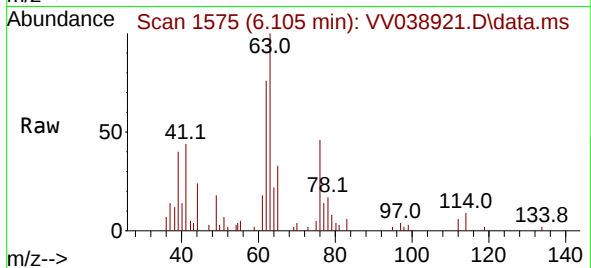
MDL07

Tgt Ion: 63 Resp: 12741

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 1.761 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

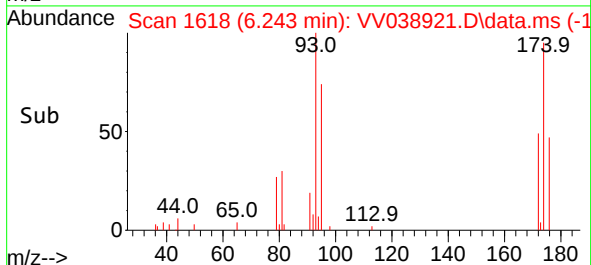
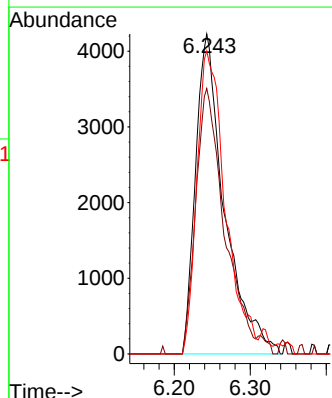
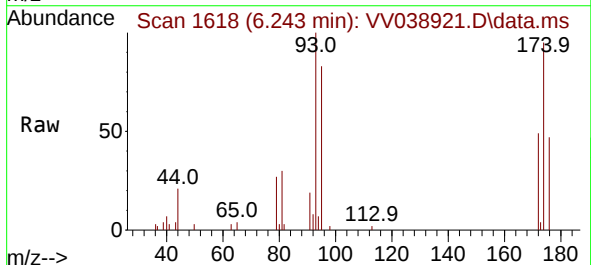
Tgt Ion: 93 Resp: 11140

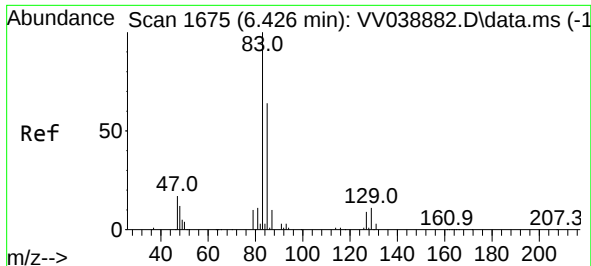
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 93.3 75.3 112.9

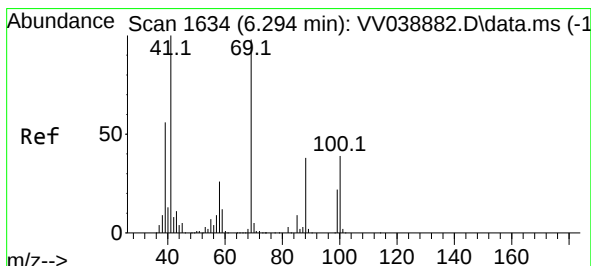
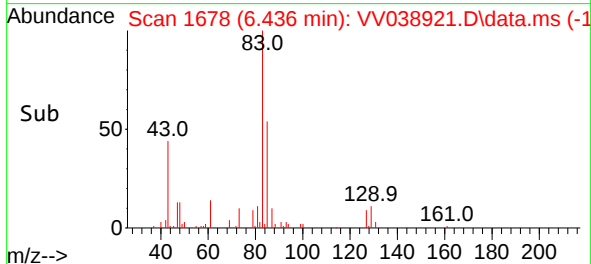
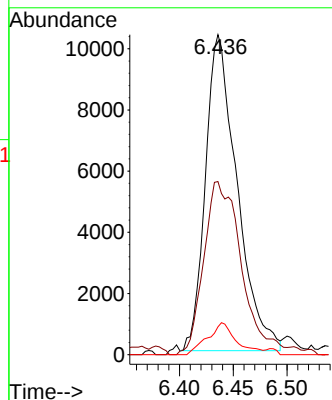
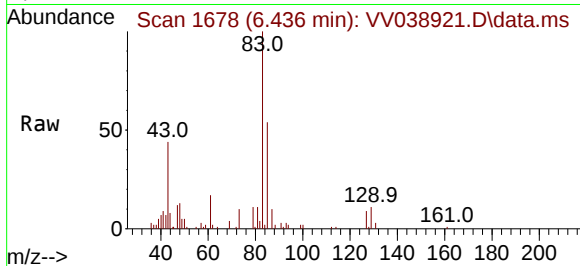




#47
Bromodichloromethane
Concen: 1.574 ug/l
RT: 6.436 min Scan# 1650
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

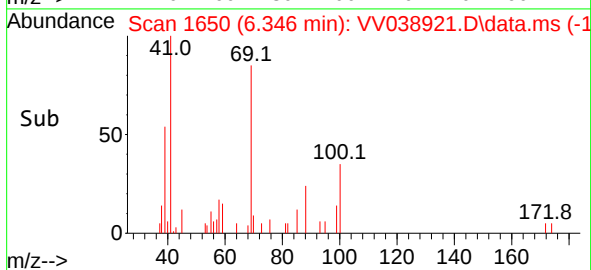
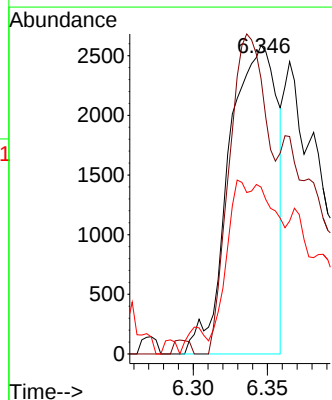
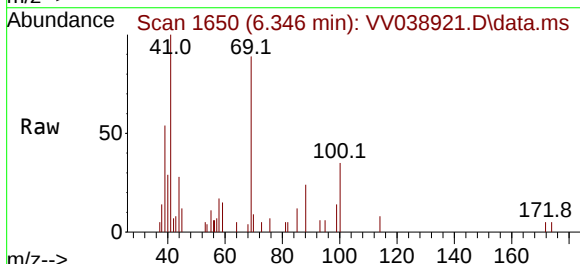
Instrument :
MSVOA_V
ClientSampleId :
MDL07

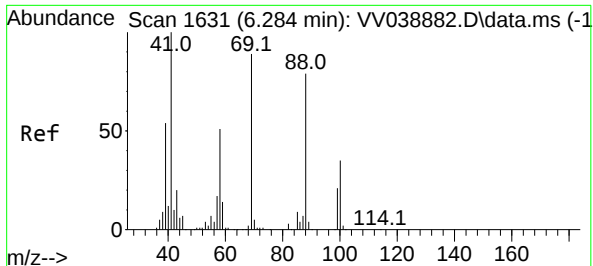
Tgt Ion:	83	Resp:	21128
Ion	Ratio	Lower	Upper
83	100		
85	53.6	51.4	77.0
127	8.8	6.9	10.3



#48
Methyl methacrylate
Concen: 0.788 ug/l
RT: 6.346 min Scan# 1650
Delta R.T. 0.052 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:	41	Resp:	5817
Ion	Ratio	Lower	Upper
41	100		
69	84.5	79.4	119.2
39	21.9	44.0	66.0





#49

1,4-Dioxane

Concen: 26.760 ug/l

RT: 6.323 min Scan# 1

Delta R.T. 0.039 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

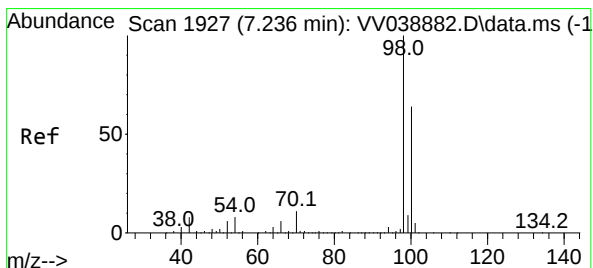
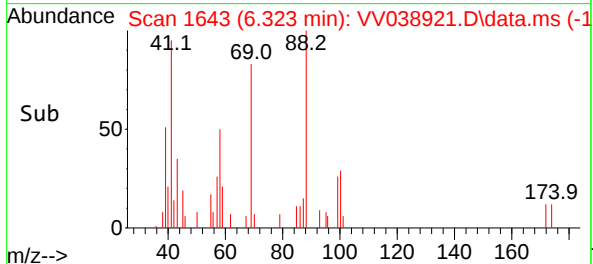
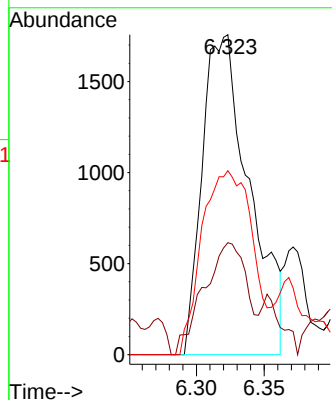
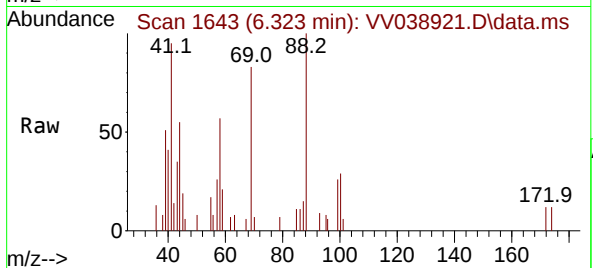
Tgt Ion: 88 Resp: 4254

Ion Ratio Lower Upper

88 100

43 32.2 23.0 34.4

58 61.1 53.8 80.6



#50

Toluene-d8

Concen: 55.990 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038921.D

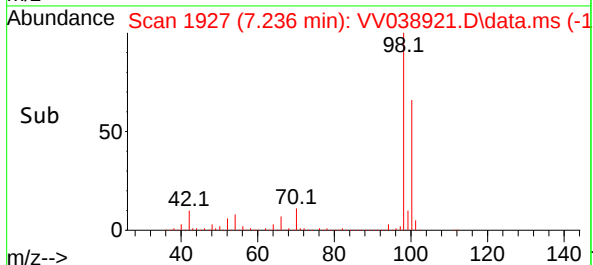
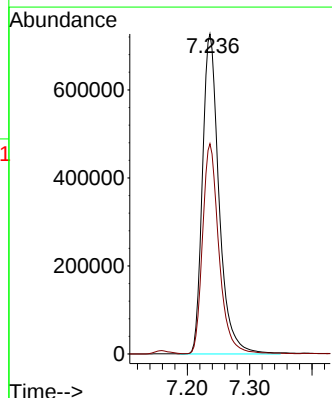
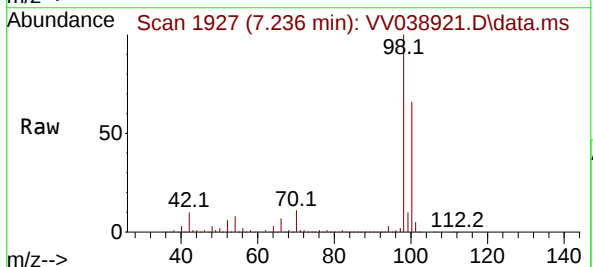
Acq: 18 Jul 2025 15:01

Tgt Ion: 98 Resp: 1344486

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3

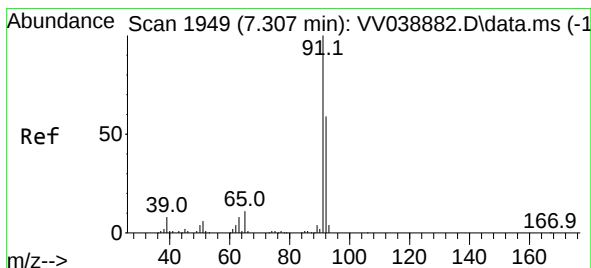
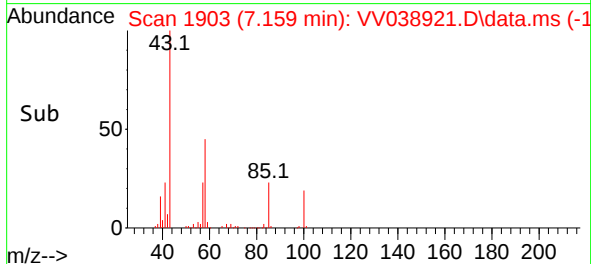
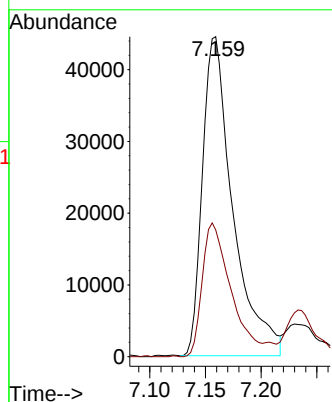
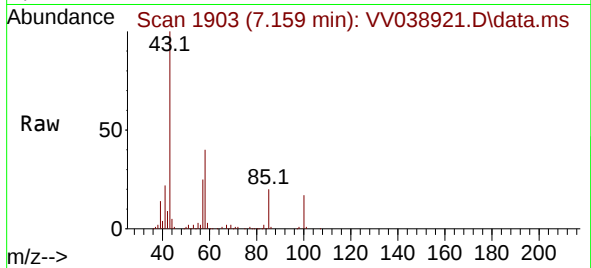




#51
4-Methyl-2-Pentanone
Concen: 7.312 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.013 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

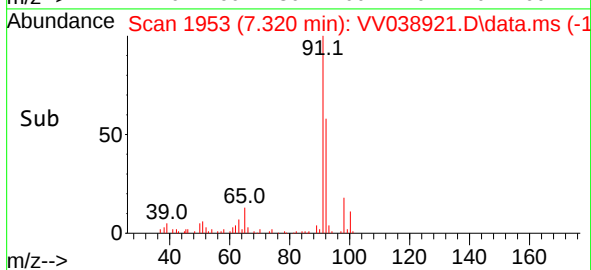
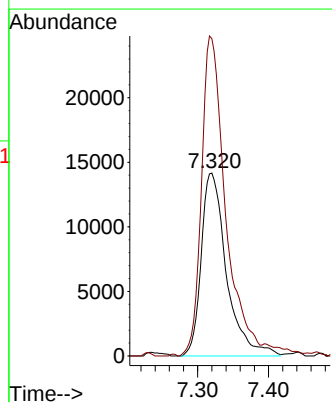
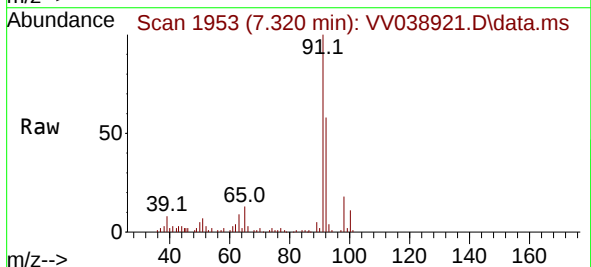
Instrument :
MSVOA_V
ClientSampleId :
MDL07

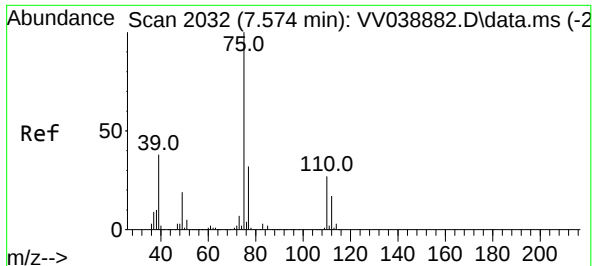
Tgt Ion: 43 Resp: 84643
Ion Ratio Lower Upper
43 100
58 39.4 34.5 51.7



#52
Toluene
Concen: 1.799 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 92 Resp: 35072
Ion Ratio Lower Upper
92 100
91 165.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.580 ug/l

RT: 7.593 min Scan# 2032

Delta R.T. 0.019 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

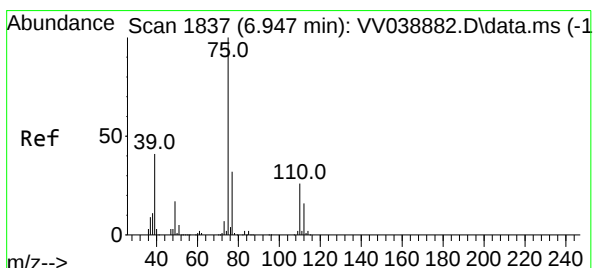
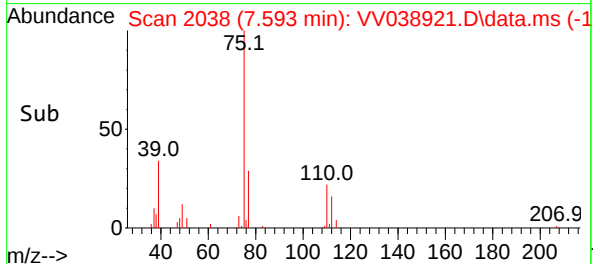
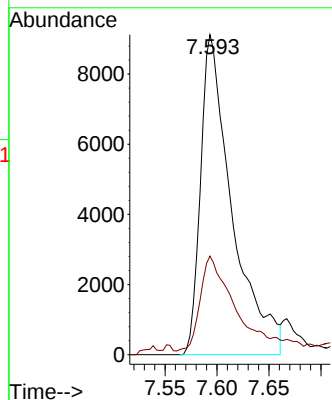
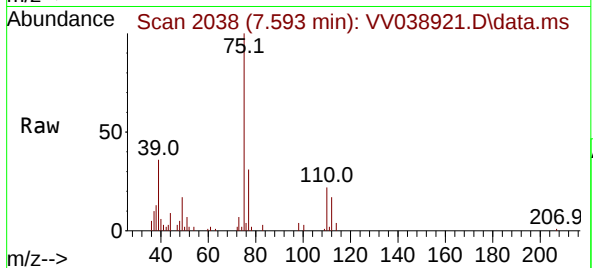
MDL07

Tgt Ion: 75 Resp: 19196

Ion Ratio Lower Upper

75 100

77 29.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 1.587 ug/l

RT: 6.963 min Scan# 1842

Delta R.T. 0.016 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

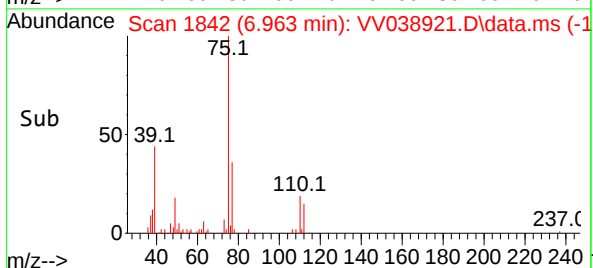
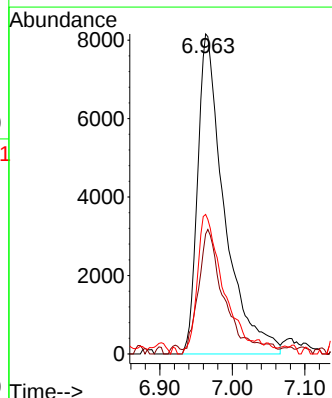
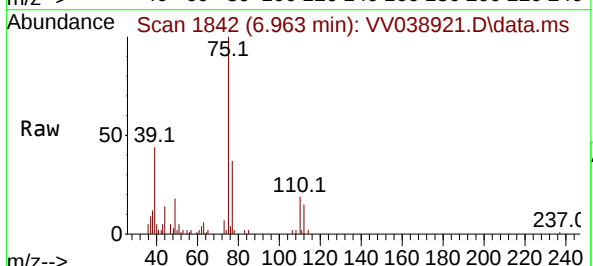
Tgt Ion: 75 Resp: 20845

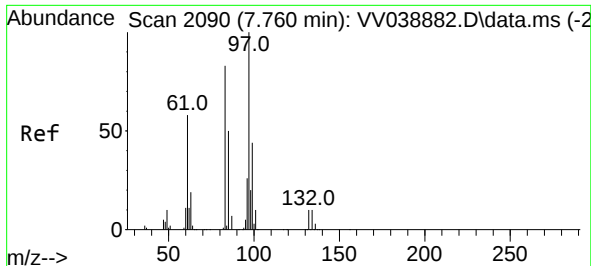
Ion Ratio Lower Upper

75 100

77 36.0 25.5 38.3

39 43.6 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 1.671 ug/l

RT: 7.770 min Scan# 2090

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 15575

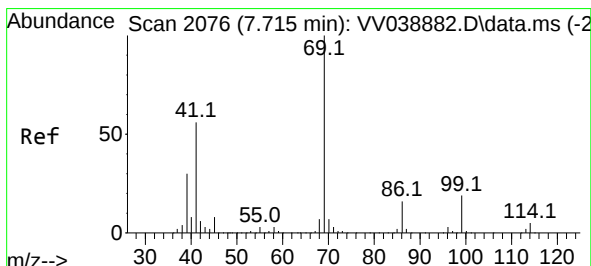
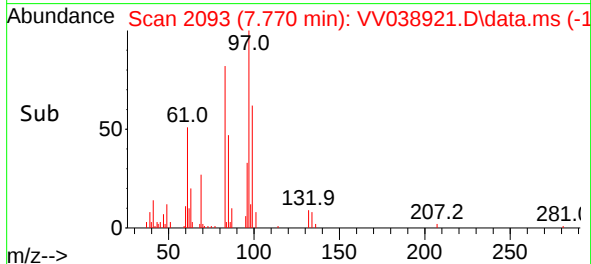
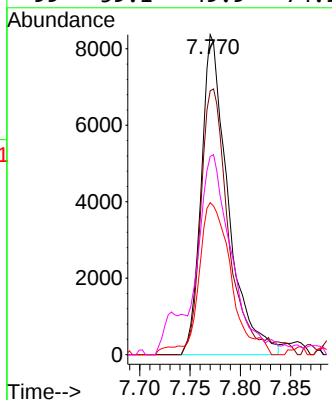
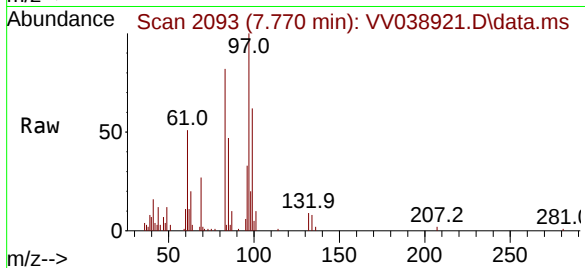
Ion Ratio Lower Upper

97 100

83 82.5 66.2 99.4

85 47.5 41.4 62.2

99 59.1 49.9 74.9



#56

Ethyl methacrylate

Concen: 1.375 ug/l

RT: 7.735 min Scan# 2082

Delta R.T. 0.019 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

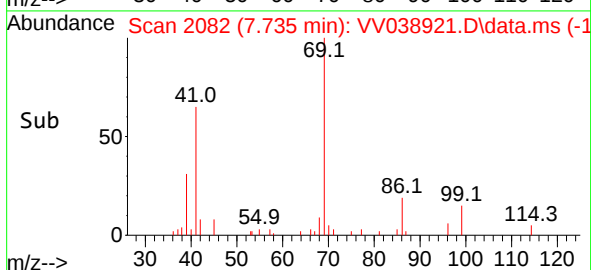
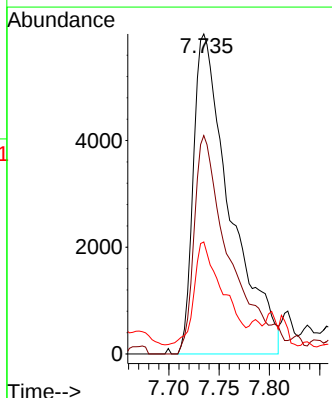
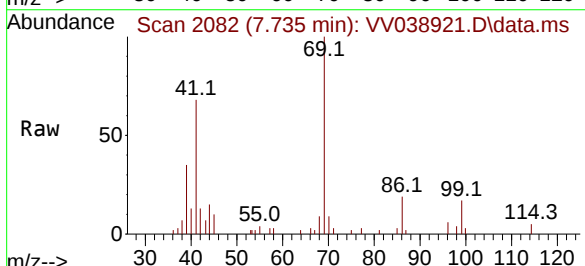
Tgt Ion: 69 Resp: 15229

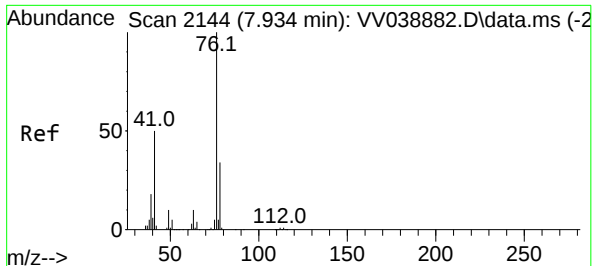
Ion Ratio Lower Upper

69 100

41 66.6 45.7 68.5

39 25.0 23.8 35.8

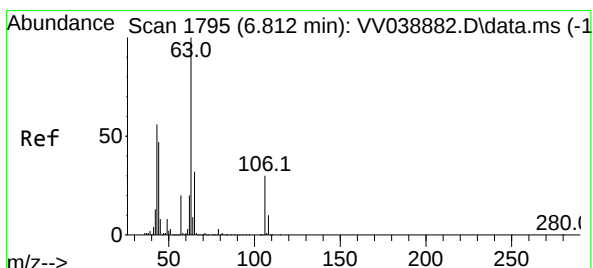
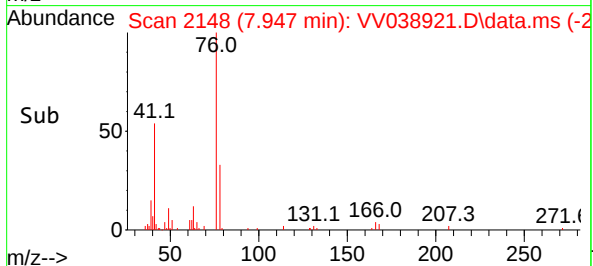
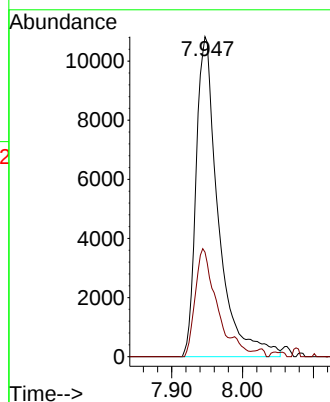
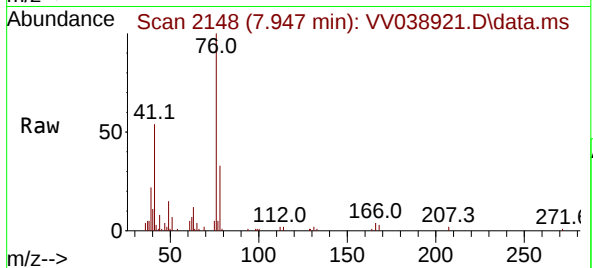




#57
1,3-Dichloropropane
Concen: 1.683 ug/l
RT: 7.947 min Scan# 2144
Delta R.T. 0.013 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

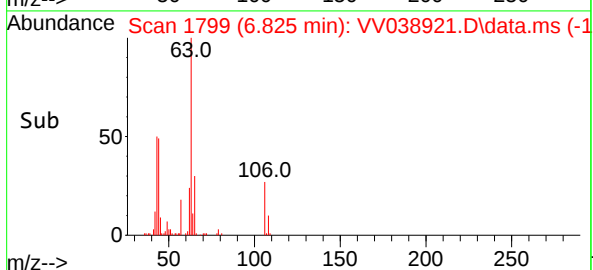
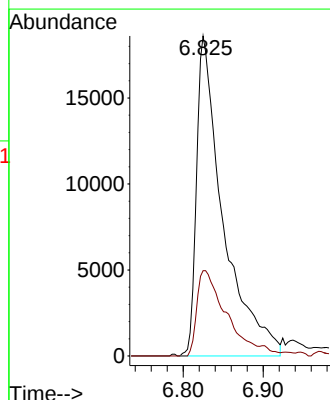
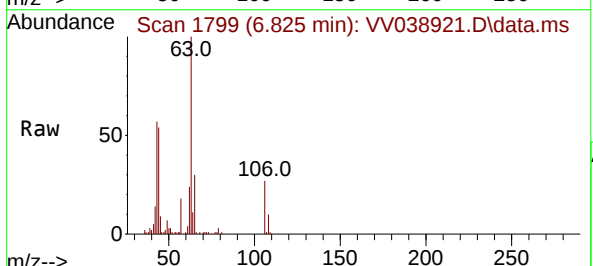
Instrument :
MSVOA_V
ClientSampleId :
MDL07

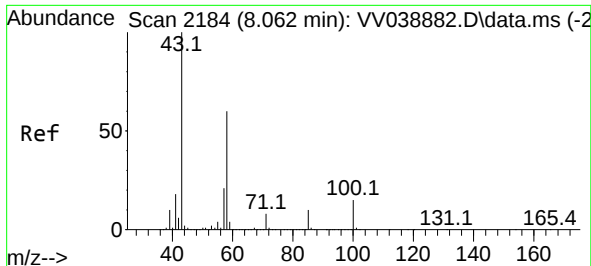
Tgt Ion: 76 Resp: 23516
Ion Ratio Lower Upper
76 100
78 30.4 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 6.422 ug/l
RT: 6.825 min Scan# 1799
Delta R.T. 0.013 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 63 Resp: 42923
Ion Ratio Lower Upper
63 100
106 28.9 24.1 36.1

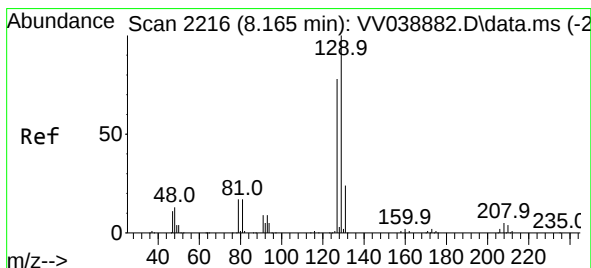
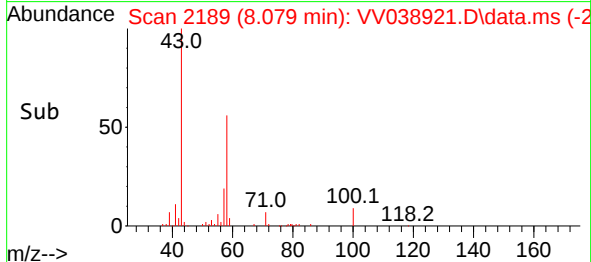
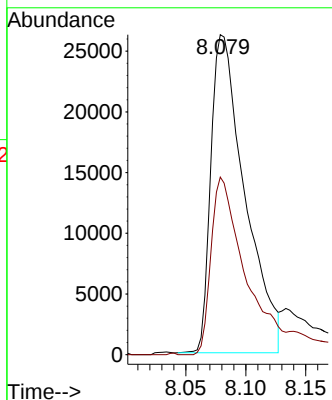
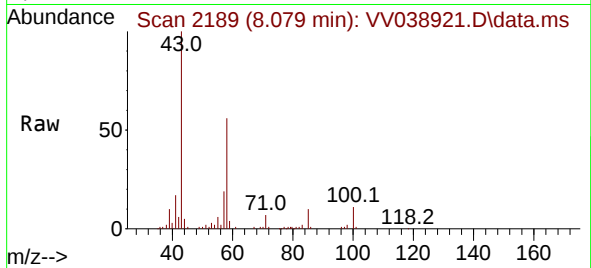




#59
2-Hexanone
Concen: 6.000 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.016 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

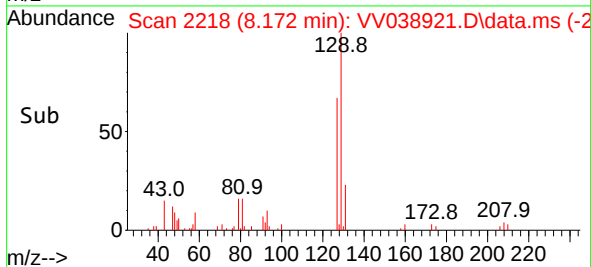
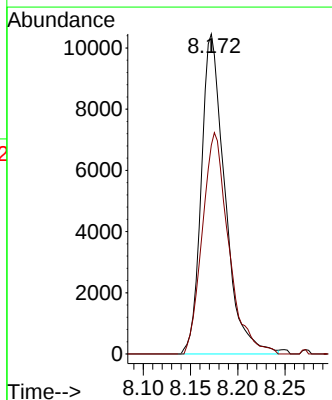
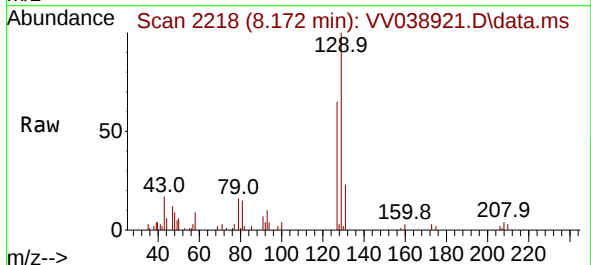
Instrument :
MSVOA_V
ClientSampleId :
MDL07

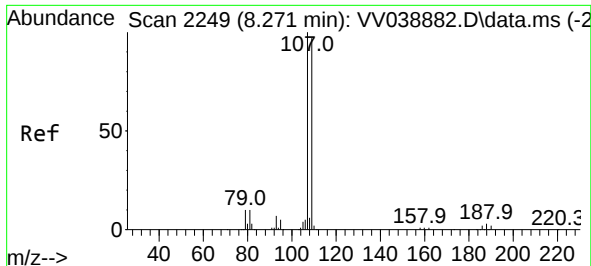
Tgt Ion: 43 Resp: 51701
Ion Ratio Lower Upper
43 100
58 56.0 29.6 88.8



#60
Dibromochloromethane
Concen: 1.655 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 129 Resp: 18163
Ion Ratio Lower Upper
129 100
127 77.1 39.4 118.2





#61

1,2-Dibromoethane

Concen: 1.643 ug/l

RT: 8.285 min Scan# 2253

Delta R.T. 0.013 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

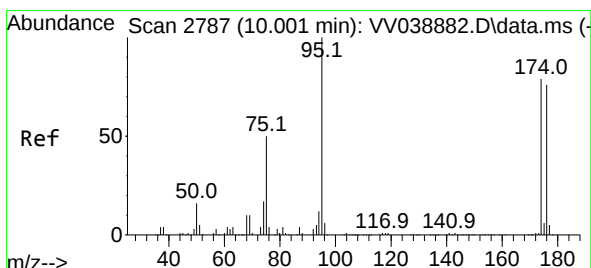
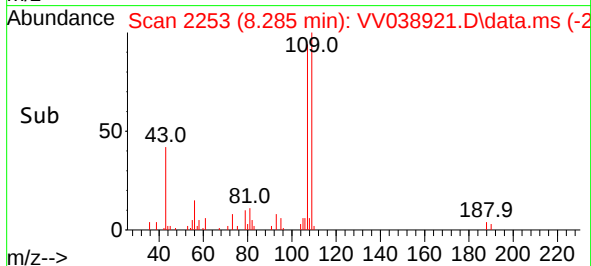
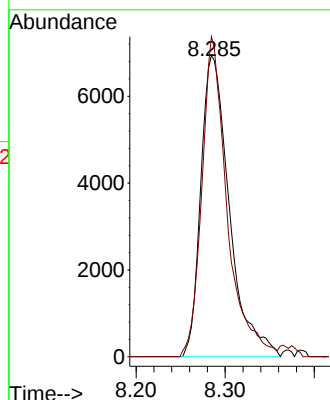
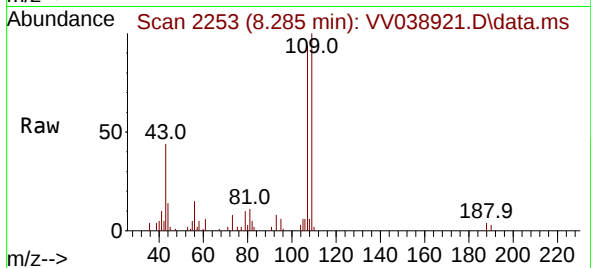
MDL07

Tgt Ion:107 Resp: 15430

Ion Ratio Lower Upper

107 100

109 94.0 77.1 115.7



#62

4-Bromofluorobenzene

Concen: 53.539 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

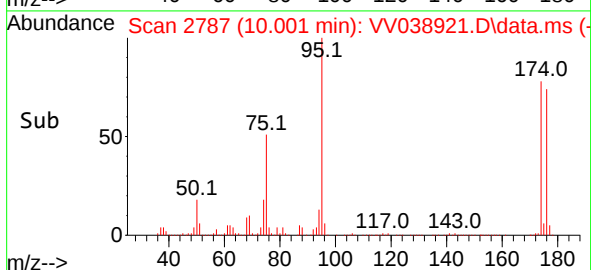
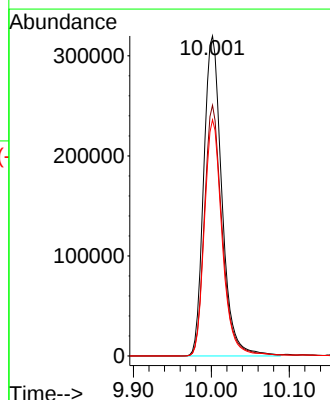
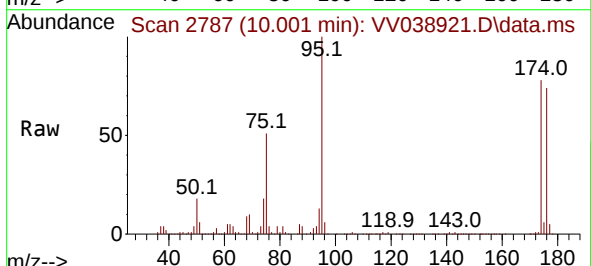
Tgt Ion: 95 Resp: 517908

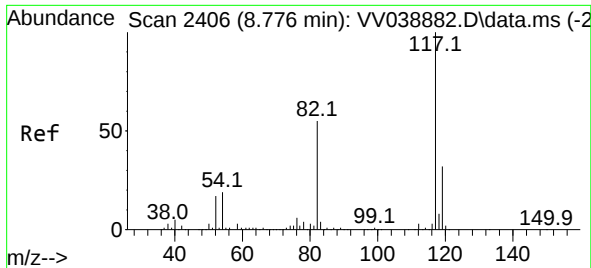
Ion Ratio Lower Upper

95 100

174 76.8 0.0 160.0

176 72.3 0.0 152.2

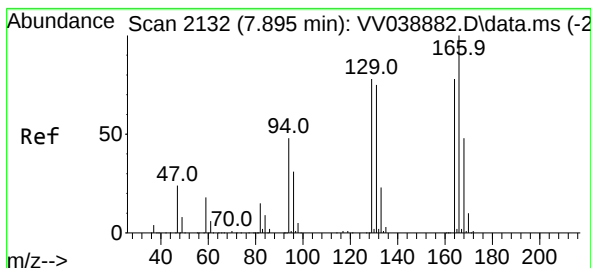
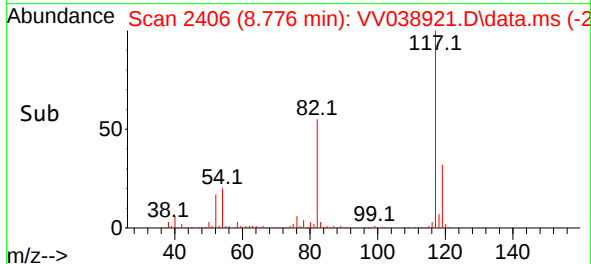
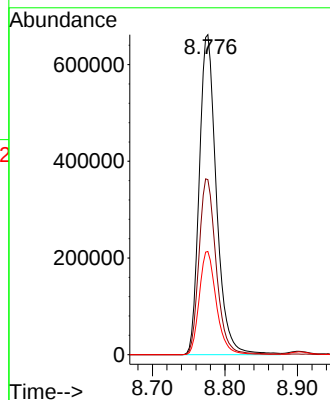
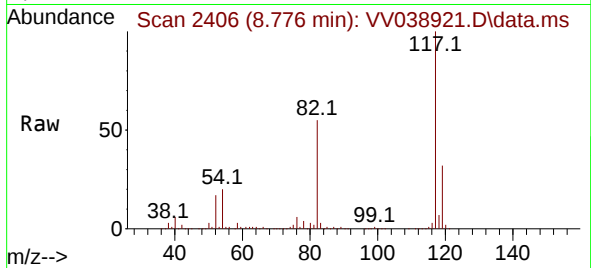




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

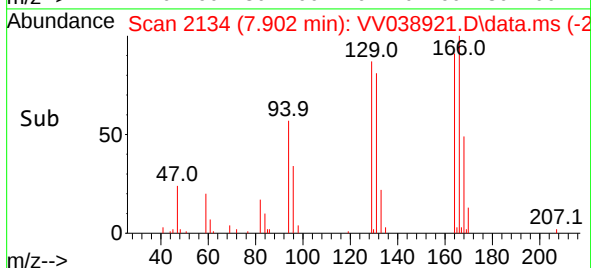
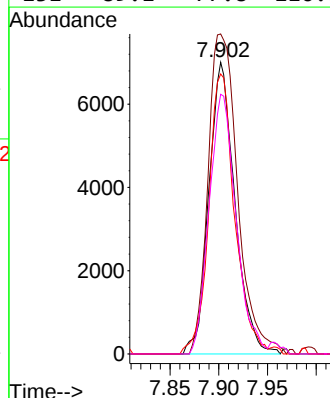
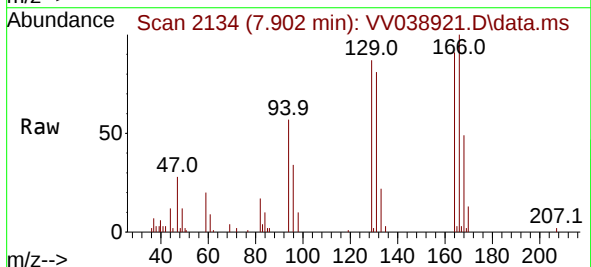
Instrument :
MSVOA_V
ClientSampleId :
MDL07

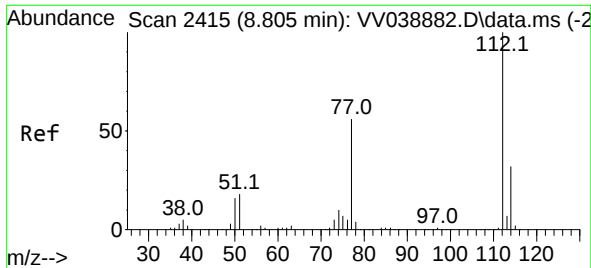
Tgt Ion:117 Resp: 1088422
Ion Ratio Lower Upper
117 100
82 54.7 43.7 65.5
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 1.829 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:164 Resp: 13054
Ion Ratio Lower Upper
164 100
166 109.7 103.2 154.8
129 96.0 81.0 121.4
131 89.1 77.8 116.8

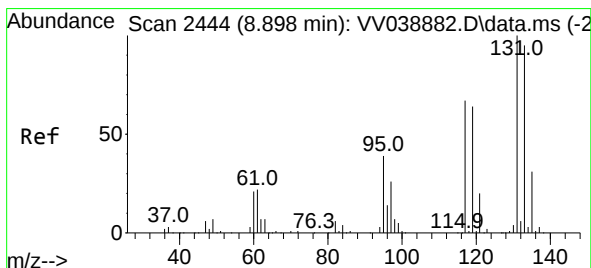
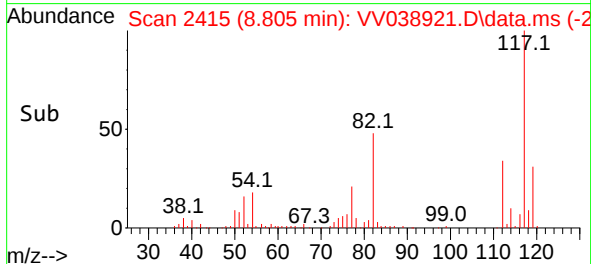
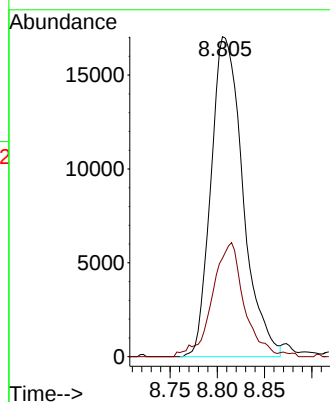
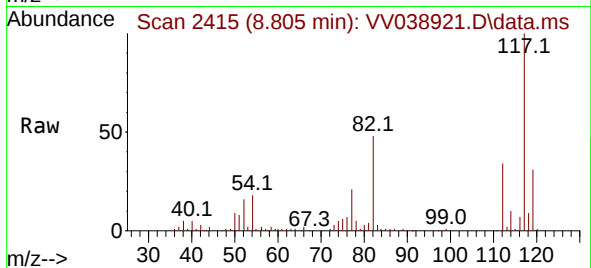




#65
Chlorobenzene
Concen: 1.683 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

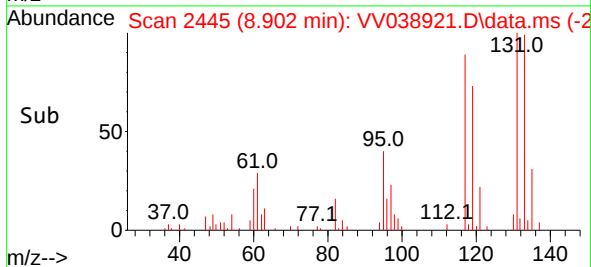
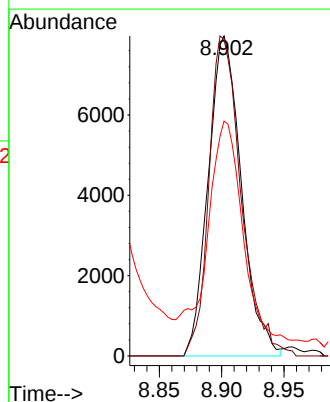
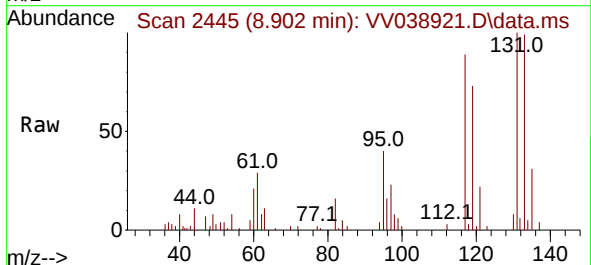
Instrument :
MSVOA_V
ClientSampleId :
MDL07

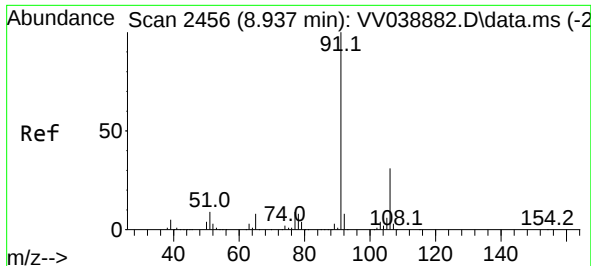
Tgt Ion:112 Resp: 40035
Ion Ratio Lower Upper
112 100
114 29.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.551 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:131 Resp: 14707
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 74.9 32.0 96.2





#67

Ethyl Benzene

Concen: 1.655 ug/l

RT: 8.947 min Scan# 2456

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

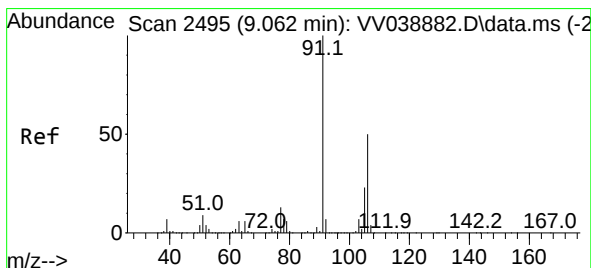
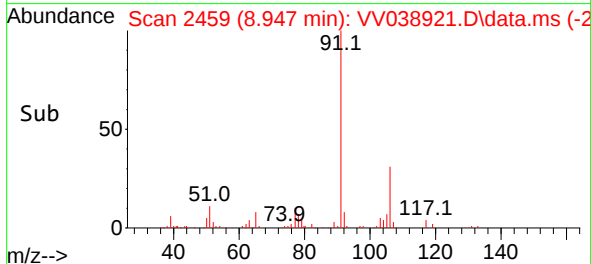
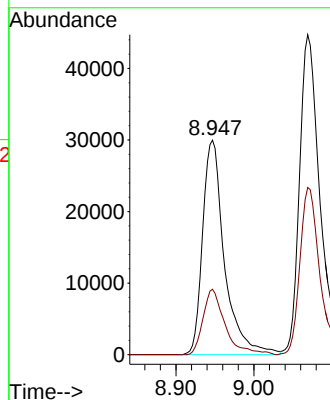
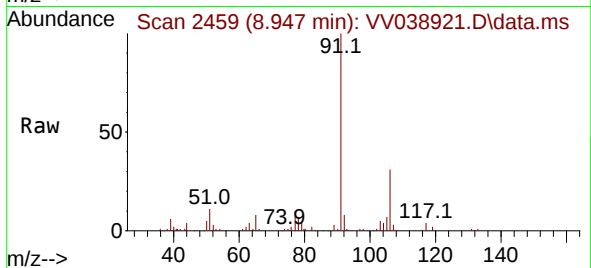
MDL07

Tgt Ion: 91 Resp: 58461

Ion Ratio Lower Upper

91 100

106 30.5 24.8 37.2



#68

m/p-Xylenes

Concen: 3.101 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038921.D

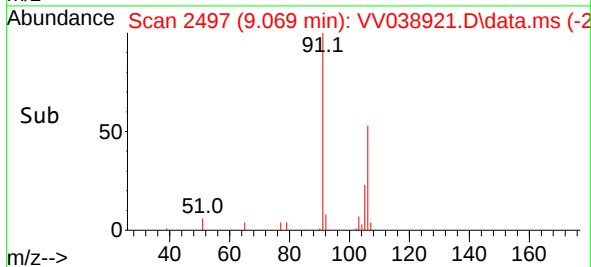
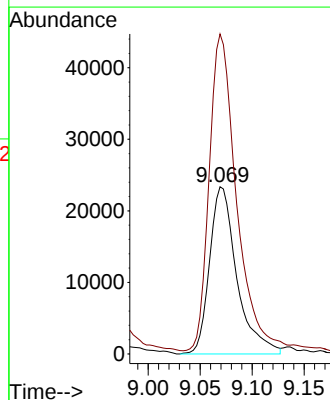
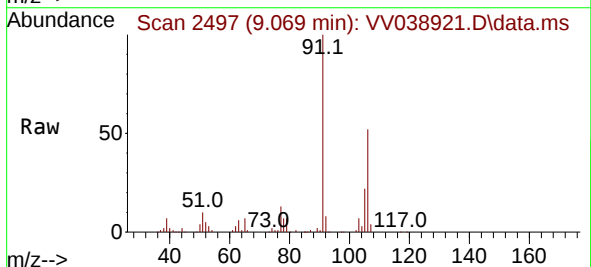
Acq: 18 Jul 2025 15:01

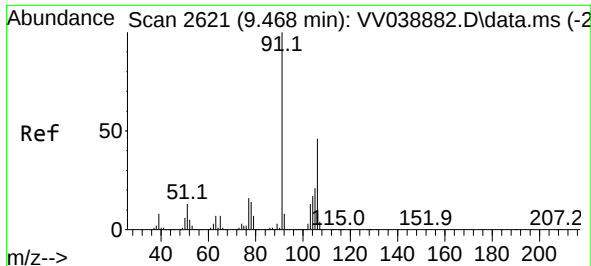
Tgt Ion: 106 Resp: 42631

Ion Ratio Lower Upper

106 100

91 194.8 161.0 241.6





#69

o-Xylene

Concen: 1.454 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

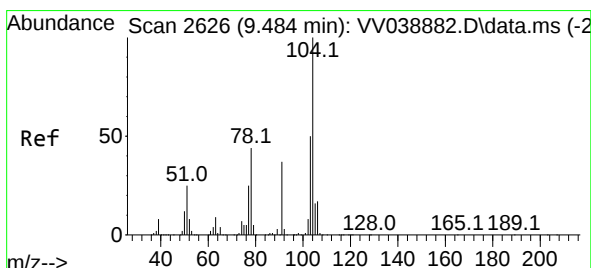
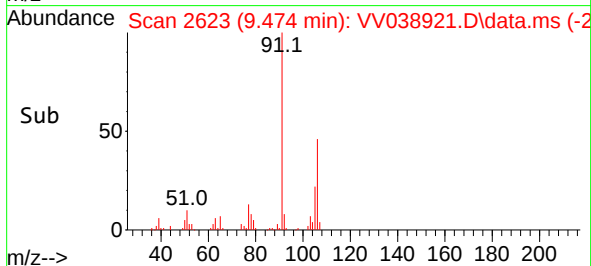
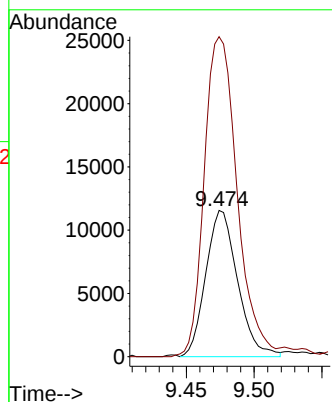
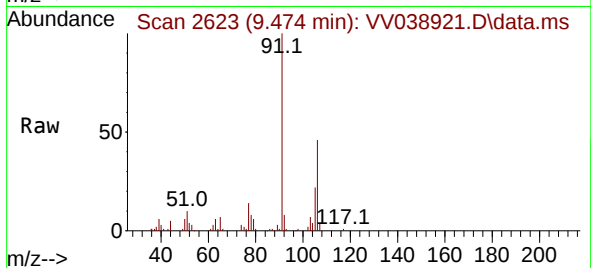
MDL07

Tgt Ion:106 Resp: 18873

Ion Ratio Lower Upper

106 100

91 225.7 108.9 326.6



#70

Styrene

Concen: 1.375 ug/l

RT: 9.500 min Scan# 2631

Delta R.T. 0.016 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

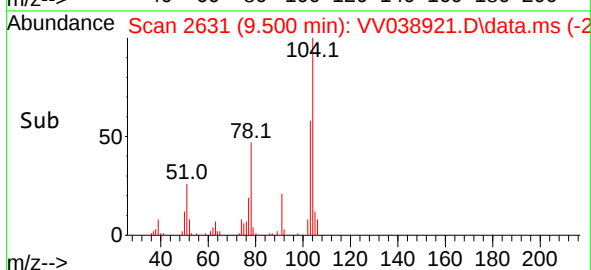
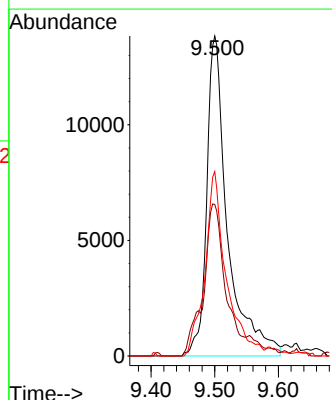
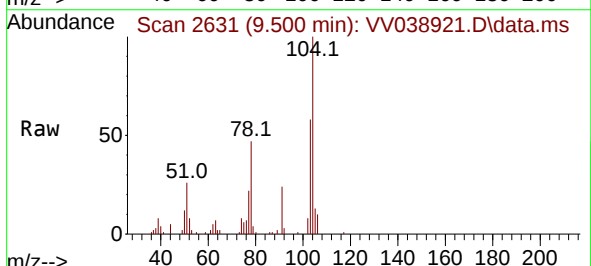
Tgt Ion:104 Resp: 31538

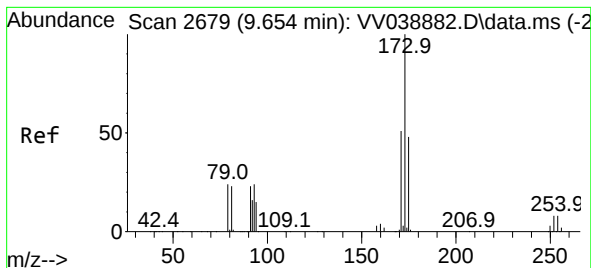
Ion Ratio Lower Upper

104 100

78 50.2 39.9 59.9

103 58.9 43.4 65.2





#71

Bromoform

Concen: 1.603 ug/l

RT: 9.667 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

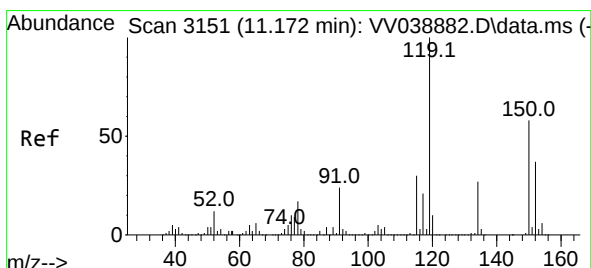
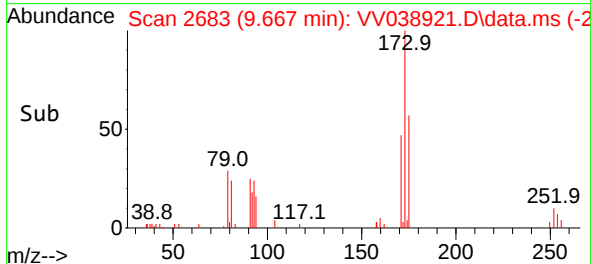
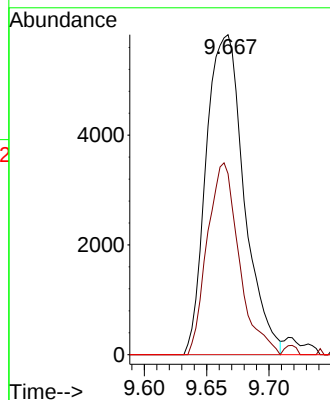
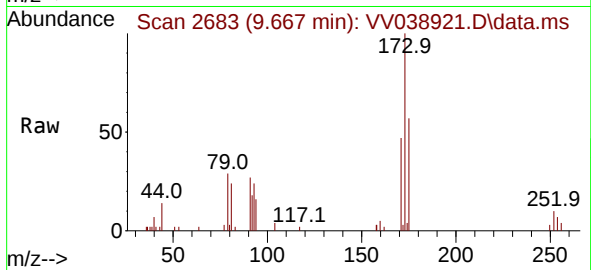
MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:173 Resp: 12356

Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.5	70.6
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

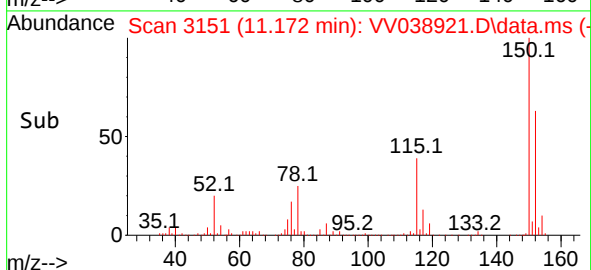
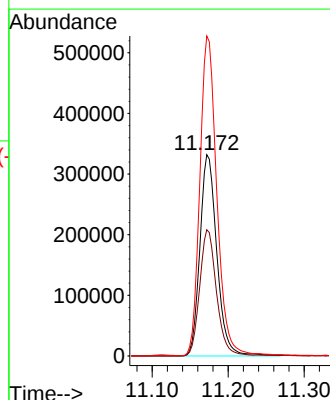
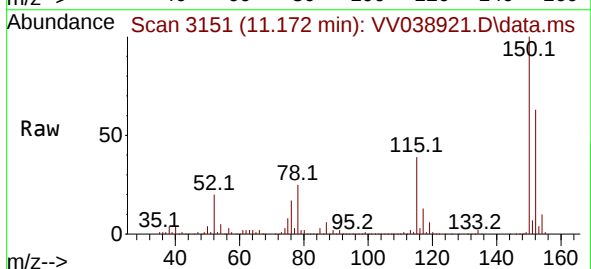
Delta R.T. 0.000 min

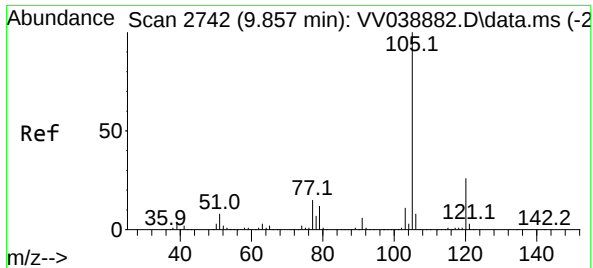
Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Tgt Ion:152 Resp: 515177

Ion	Ratio	Lower	Upper
152	100		
115	62.0	41.8	125.4
150	158.8	0.0	342.4

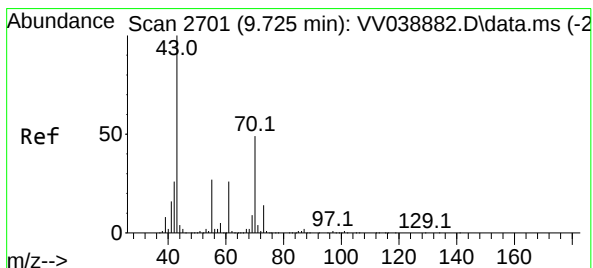
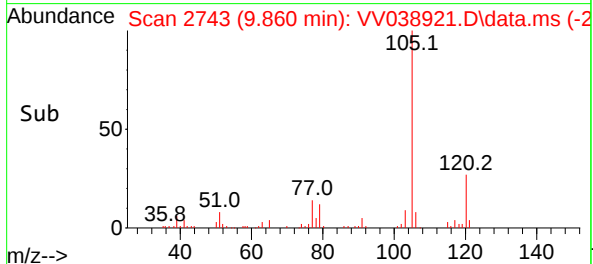
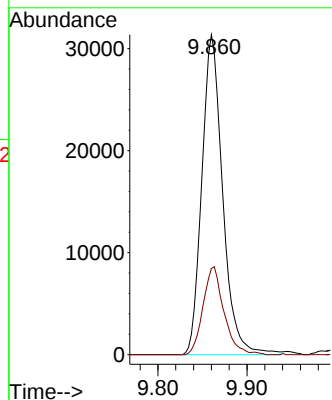
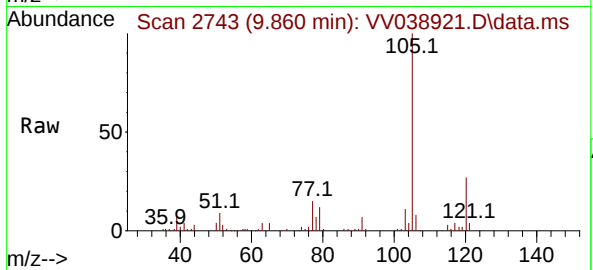




#73
Isopropylbenzene
Concen: 1.655 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

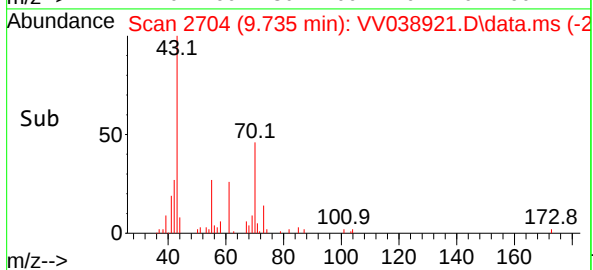
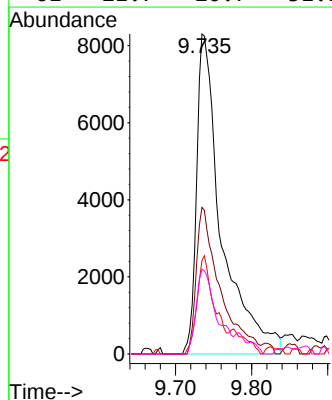
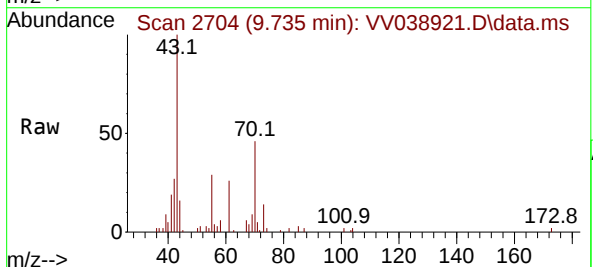
Instrument :
MSVOA_V
ClientSampleId :
MDL07

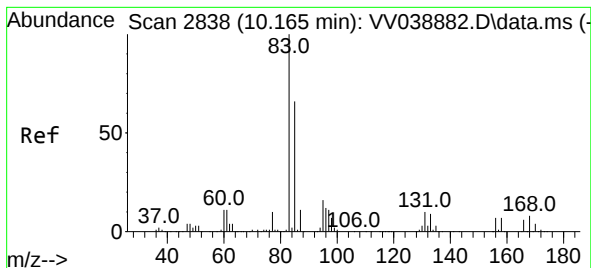
Tgt Ion:105 Resp: 50934
Ion Ratio Lower Upper
105 100
120 27.5 12.9 38.7



#74
N-ethyl acetate
Concen: 1.674 ug/l
RT: 9.735 min Scan# 2704
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 43 Resp: 18874
Ion Ratio Lower Upper
43 100
70 43.6 38.6 58.0
55 21.8 21.8 32.8#
61 21.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 1.924 ug/l

RT: 10.172 min Scan# 2840

Delta R.T. 0.007 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

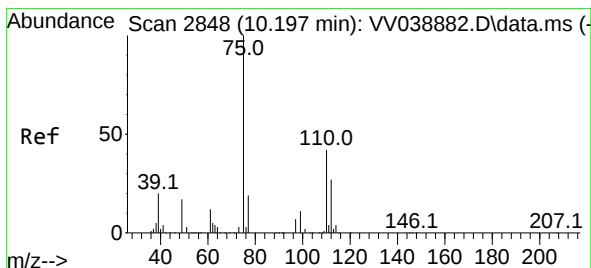
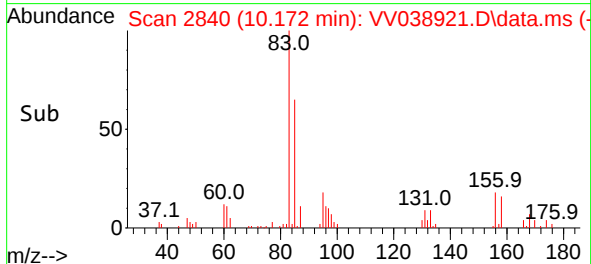
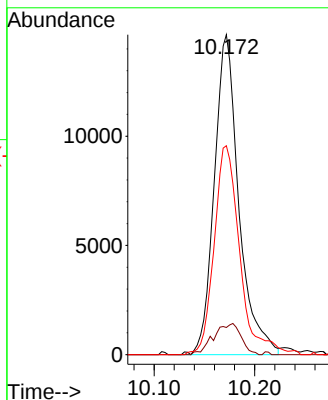
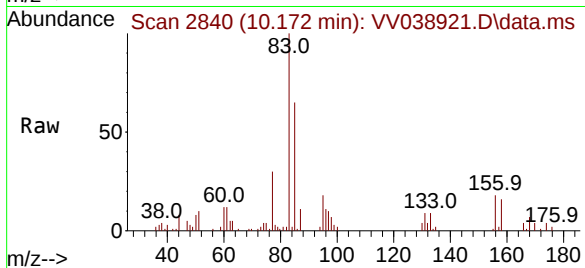
Tgt Ion: 83 Resp: 24813

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

85 68.3 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 1.923 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.007 min

Lab File: VV038921.D

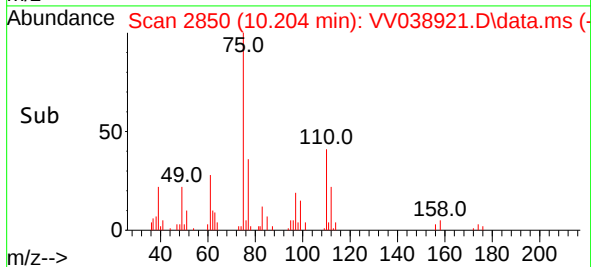
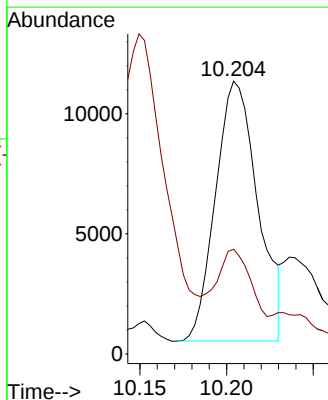
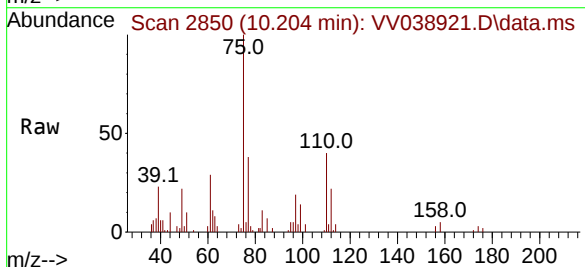
Acq: 18 Jul 2025 15:01

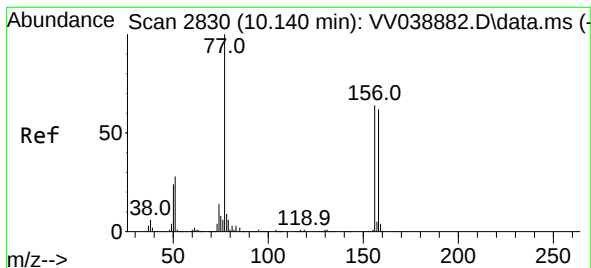
Tgt Ion: 75 Resp: 18420

Ion Ratio Lower Upper

75 100

77 21.0 17.4 52.3





#77

Bromobenzene

Concen: 2.064 ug/l

RT: 10.149 min Scan# 2830

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

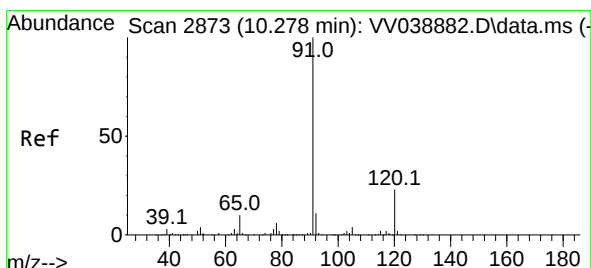
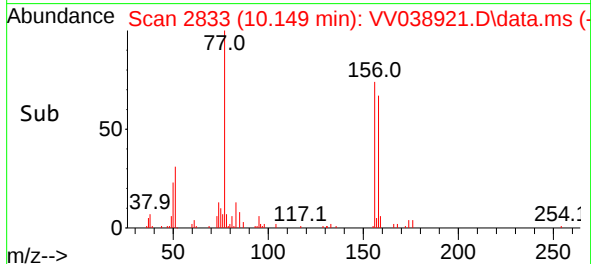
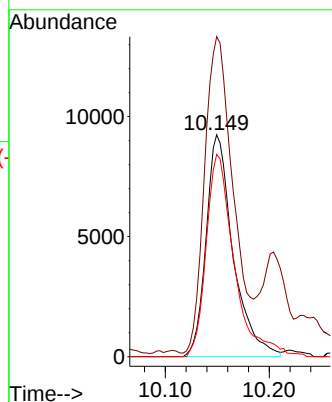
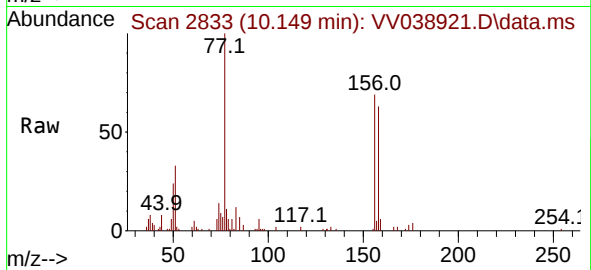
Tgt Ion:156 Resp: 16666

Ion Ratio Lower Upper

156 100

77 150.3 77.2 231.6

158 94.8 48.4 145.3



#78

n-propylbenzene

Concen: 1.777 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.003 min

Lab File: VV038921.D

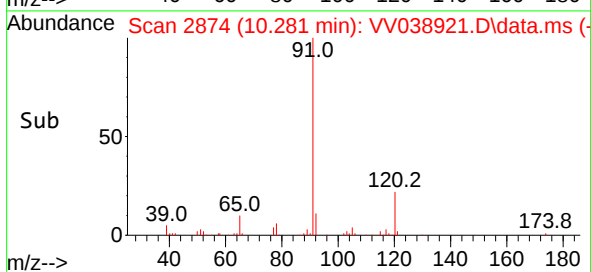
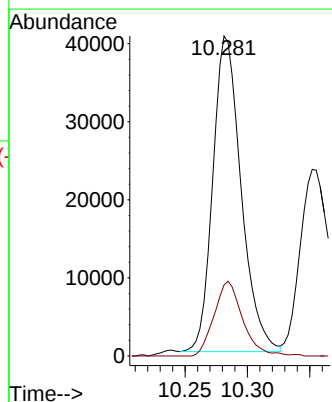
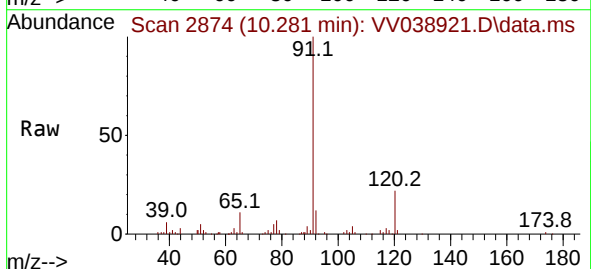
Acq: 18 Jul 2025 15:01

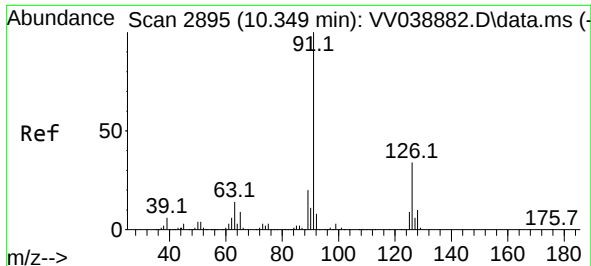
Tgt Ion: 91 Resp: 63918

Ion Ratio Lower Upper

91 100

120 23.9 11.6 34.8

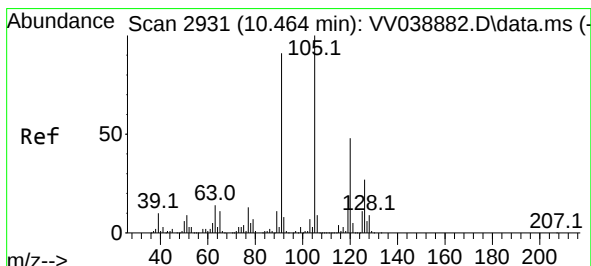
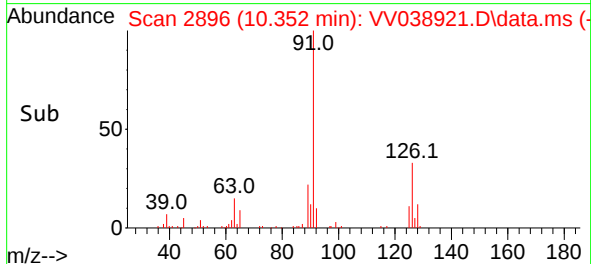
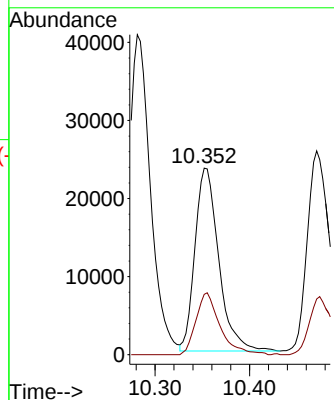
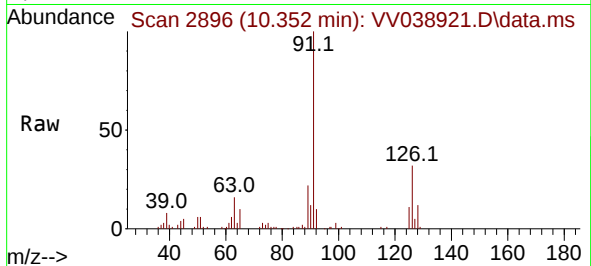




#79
2-Chlorotoluene
Concen: 1.788 ug/l
RT: 10.352 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

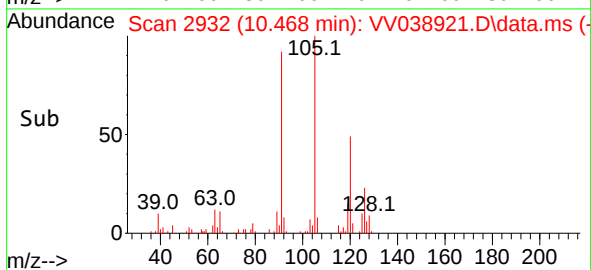
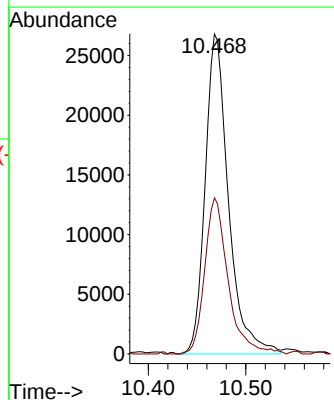
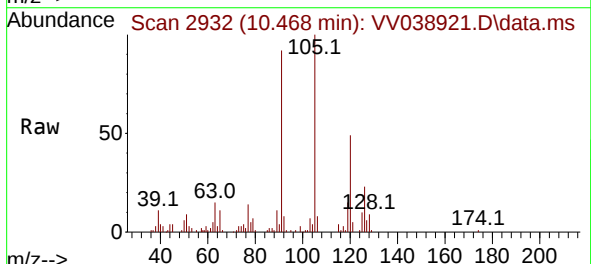
Instrument :
MSVOA_V
ClientSampleId :
MDL07

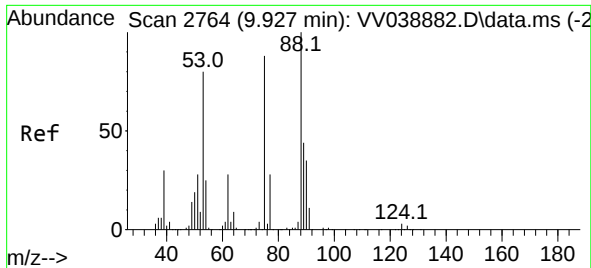
Tgt Ion: 91 Resp: 40911
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 1.713 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 105 Resp: 44478
Ion Ratio Lower Upper
105 100
120 49.1 24.0 72.0

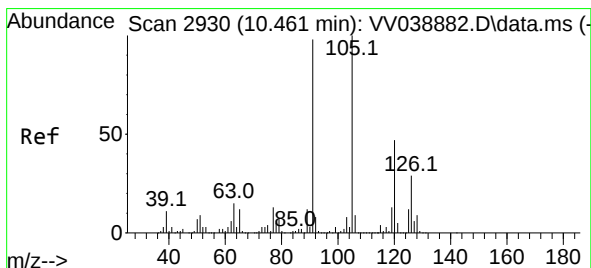
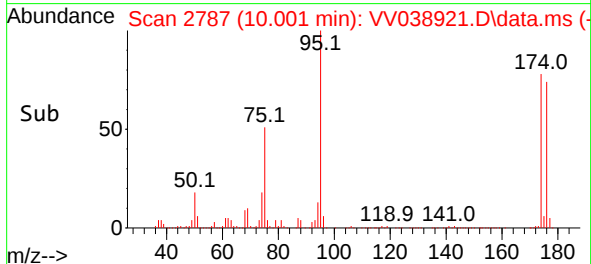
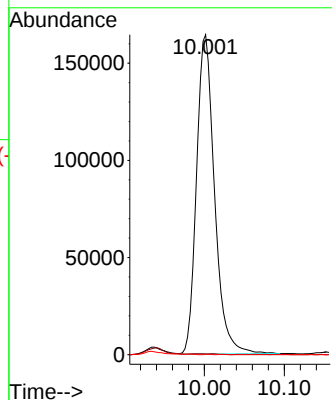
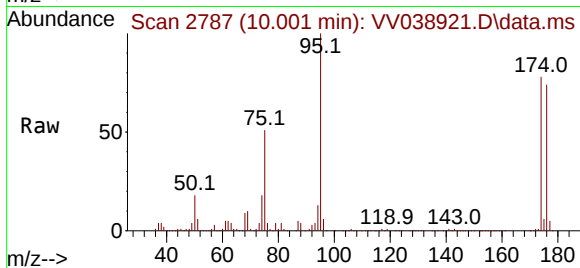




#81
trans-1,4-Dichloro-2-butene
Concen: 65.864 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

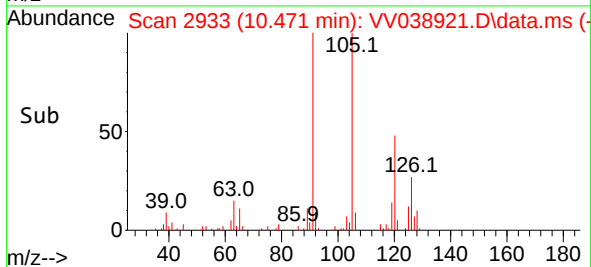
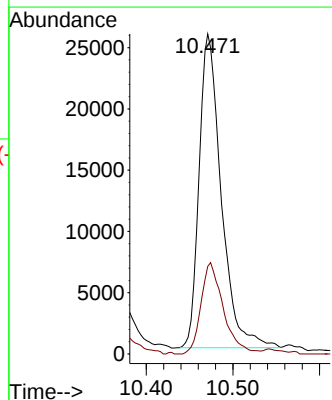
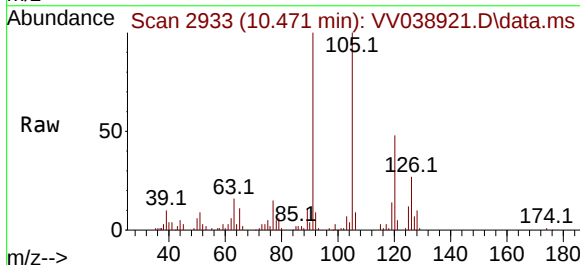
Instrument :
MSVOA_V
ClientSampleId :
MDL07

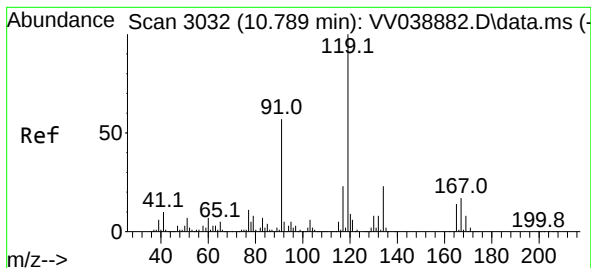
Tgt Ion: 75 Resp: 258521
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 42.2 63.2#



#82
4-Chlorotoluene
Concen: 1.778 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 91 Resp: 45462
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.9





#83

tert-Butylbenzene

Concen: 1.702 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

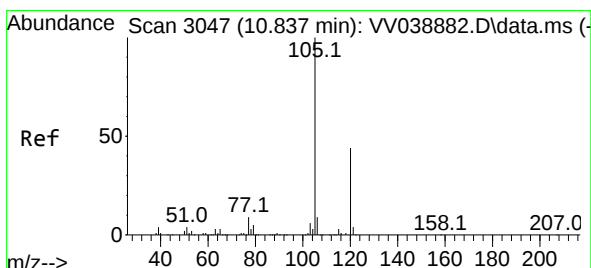
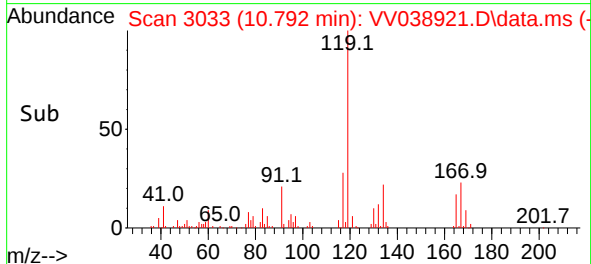
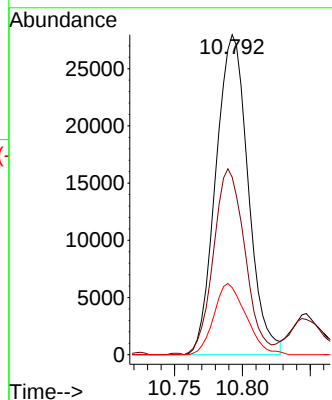
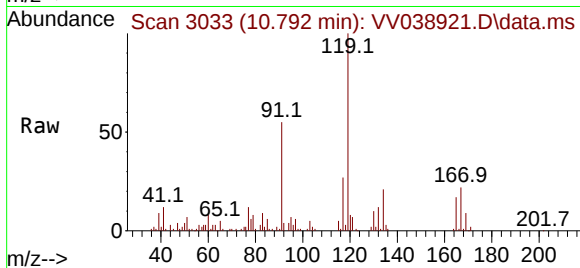
Tgt Ion:119 Resp: 46325

Ion Ratio Lower Upper

119 100

91 56.5 28.1 84.2

134 22.1 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 1.606 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038921.D

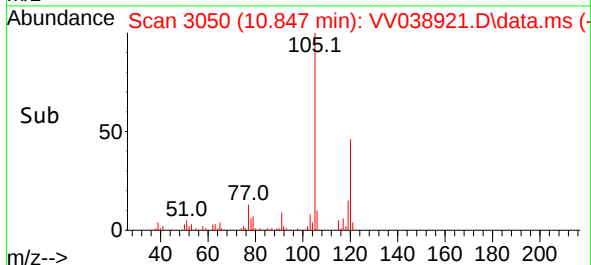
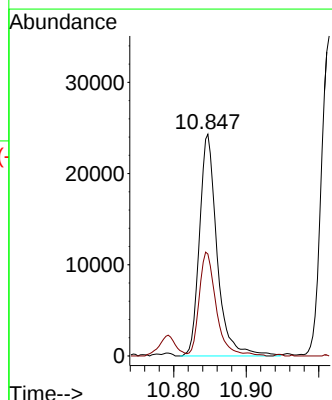
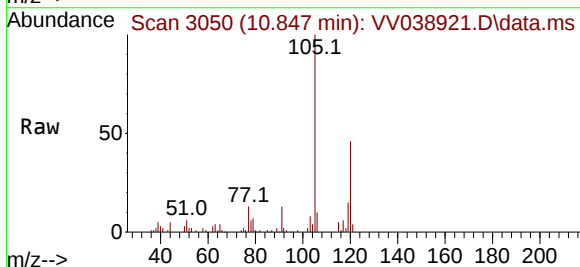
Acq: 18 Jul 2025 15:01

Tgt Ion:105 Resp: 41032

Ion Ratio Lower Upper

105 100

120 42.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 1.614 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

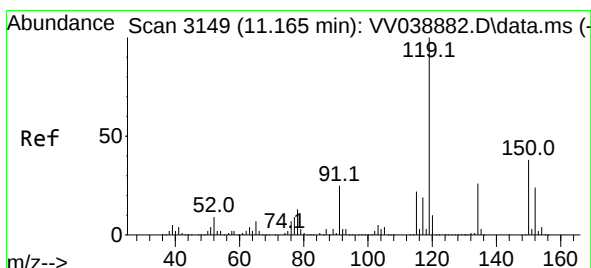
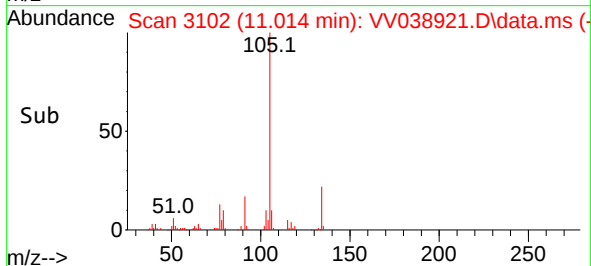
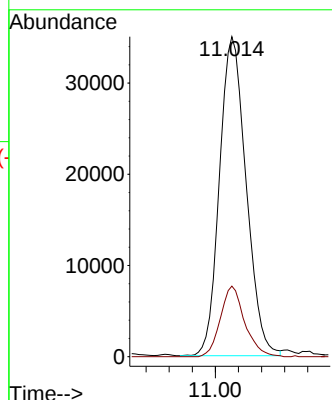
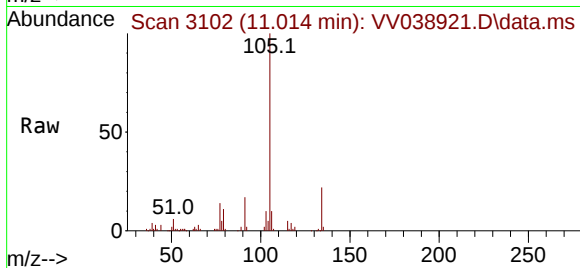
MDL07

Tgt Ion:105 Resp: 56066

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 1.720 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

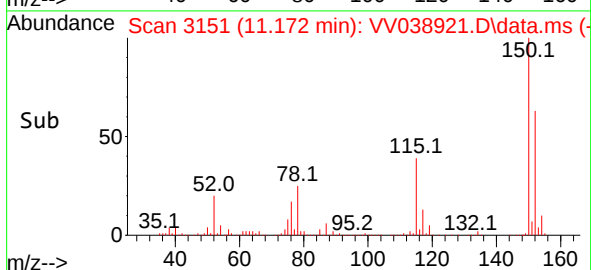
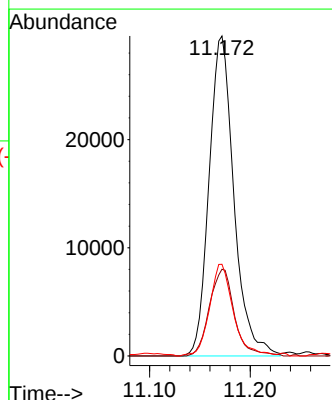
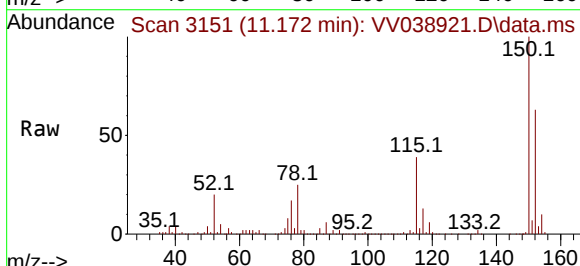
Tgt Ion:119 Resp: 50720

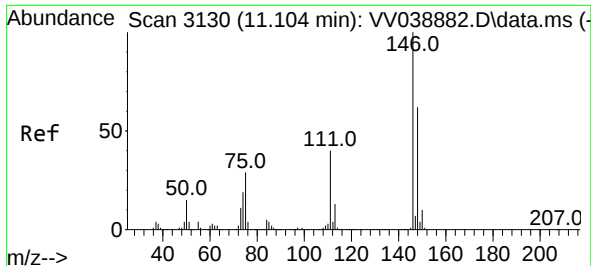
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 27.5 12.3 36.8

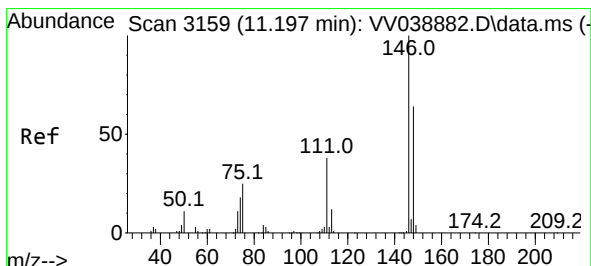
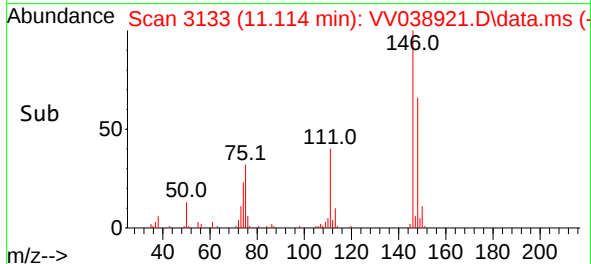
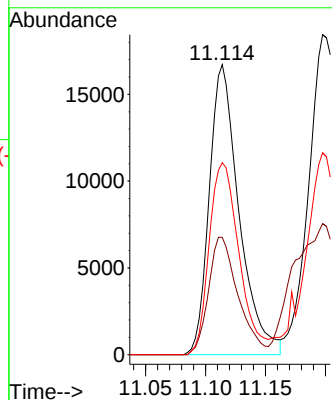
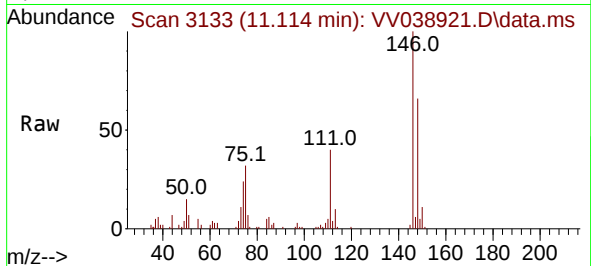




#87
1,3-Dichlorobenzene
Concen: 1.751 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

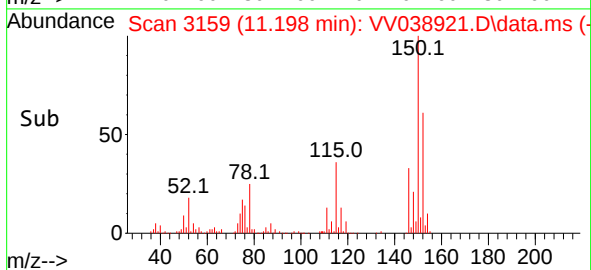
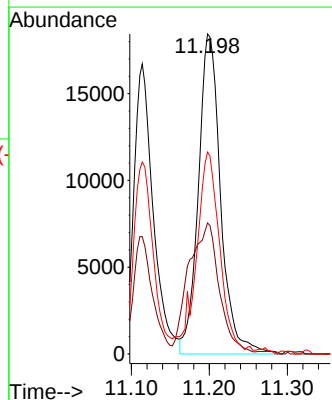
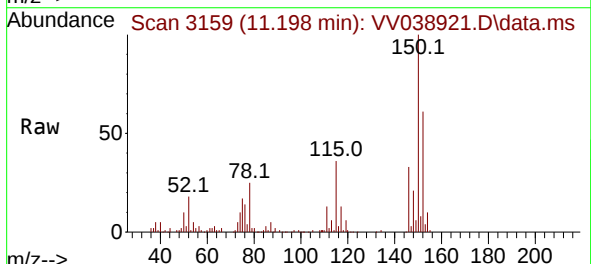
Instrument :
MSVOA_V
ClientSampleId :
MDL07

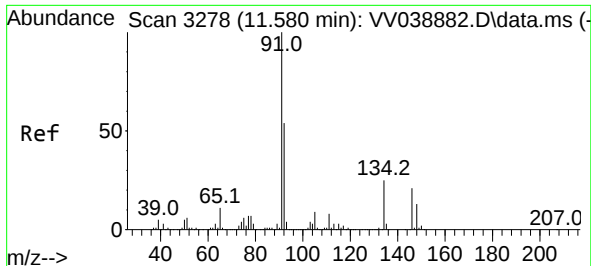
Tgt Ion:146 Resp: 28856
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.5
148 66.6 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 2.045 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:146 Resp: 36663
Ion Ratio Lower Upper
146 100
111 54.7 19.8 59.3
148 62.5 32.1 96.5

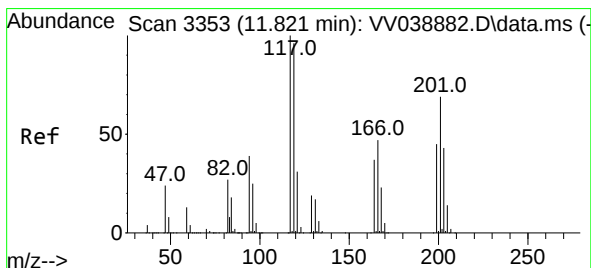
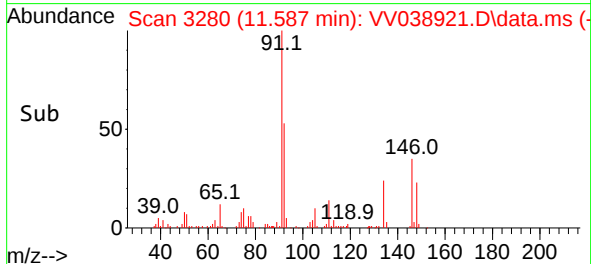
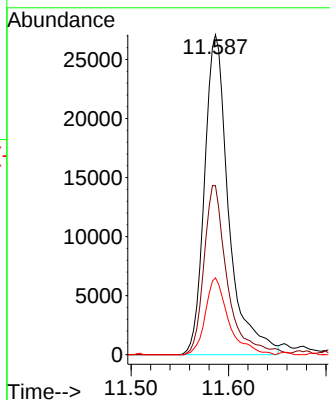
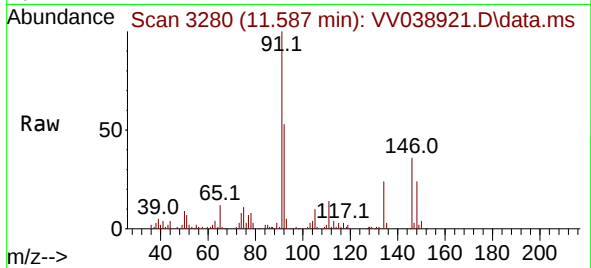




#89
n-Butylbenzene
Concen: 1.737 ug/l
RT: 11.587 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

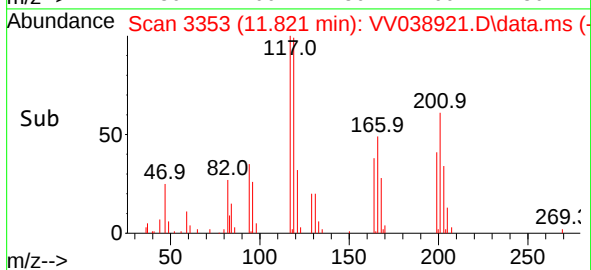
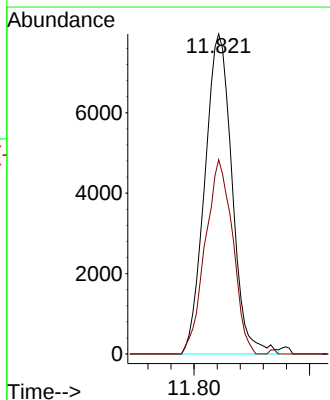
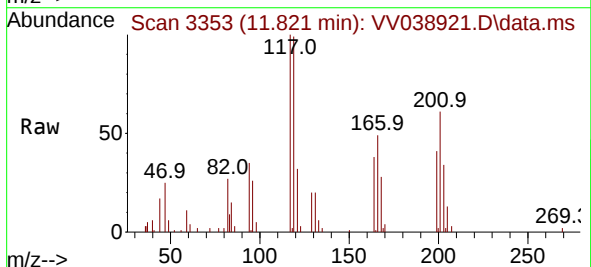
Instrument :
MSVOA_V
ClientSampleId :
MDL07

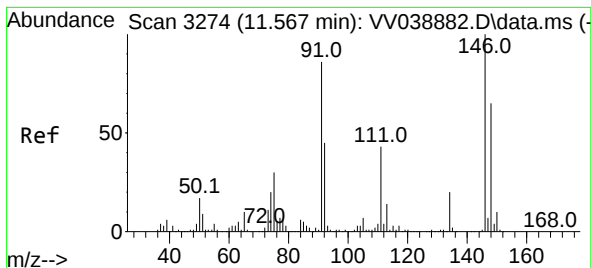
Tgt Ion: 91 Resp: 46776
Ion Ratio Lower Upper
91 100
92 51.1 26.7 80.1
134 23.1 12.7 38.1



#90
Hexachloroethane
Concen: 1.860 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion: 117 Resp: 13050
Ion Ratio Lower Upper
117 100
201 61.1 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 1.870 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

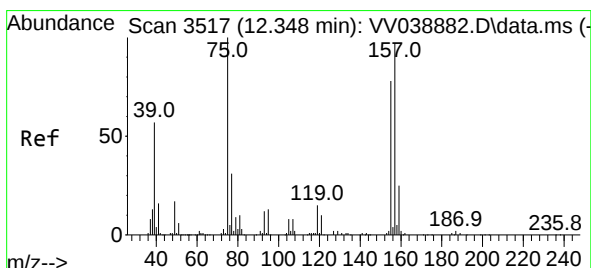
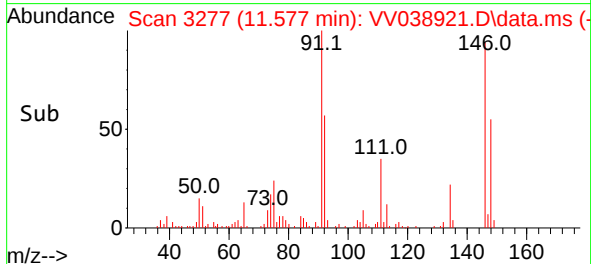
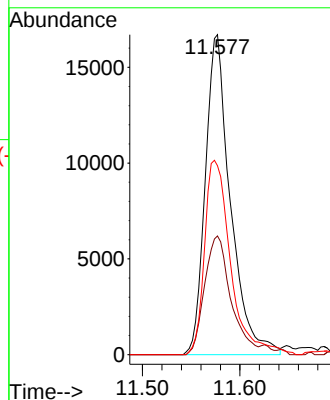
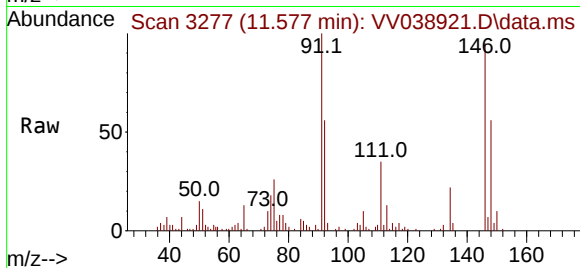
Tgt Ion:146 Resp: 29919

Ion Ratio Lower Upper

146 100

111 38.8 21.4 64.3

148 63.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.697 ug/l

RT: 12.362 min Scan# 3521

Delta R.T. 0.013 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

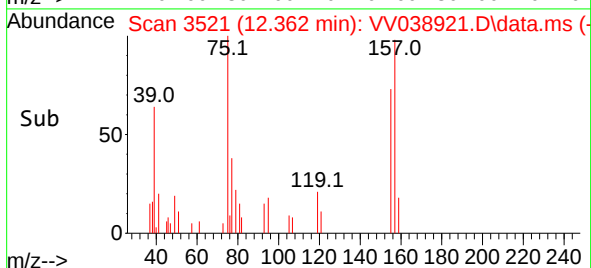
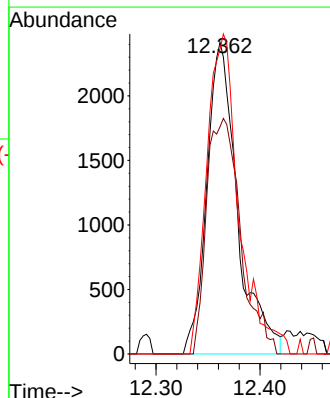
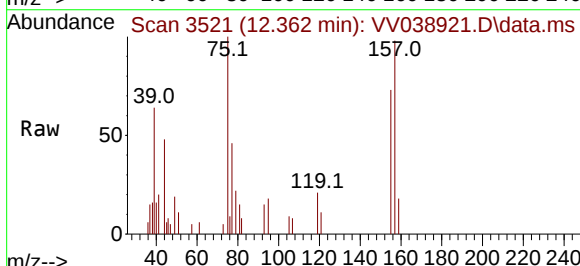
Tgt Ion: 75 Resp: 4948

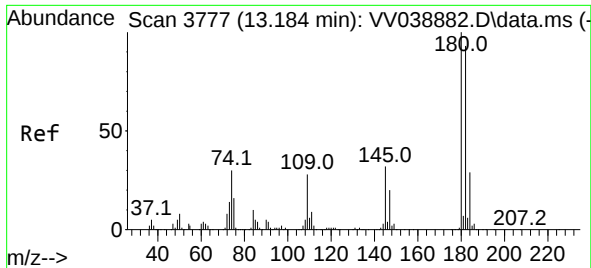
Ion Ratio Lower Upper

75 100

155 83.5 40.2 120.6

157 107.8 51.1 153.3

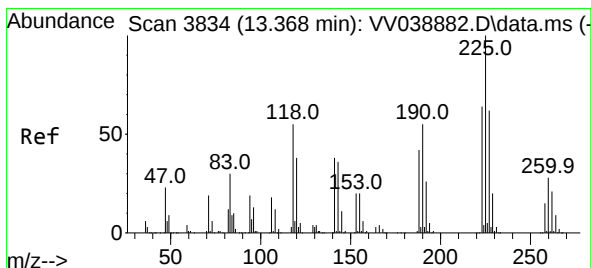
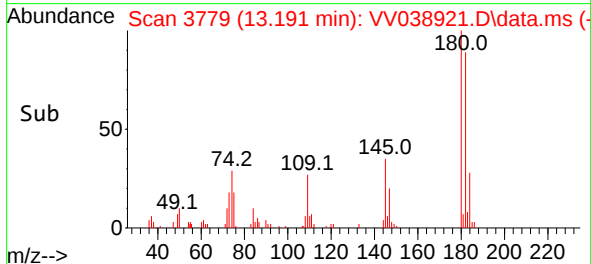
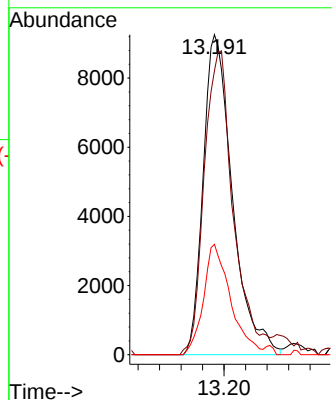
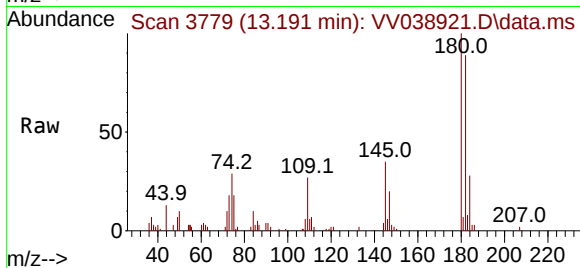




#93
1,2,4-Trichlorobenzene
Concen: 1.849 ug/l
RT: 13.191 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

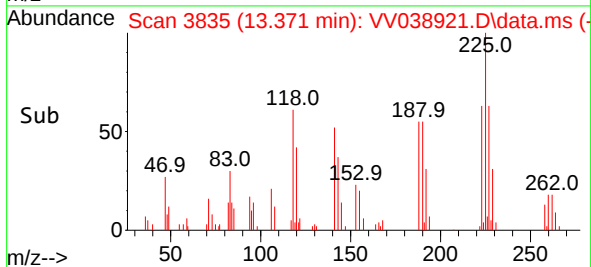
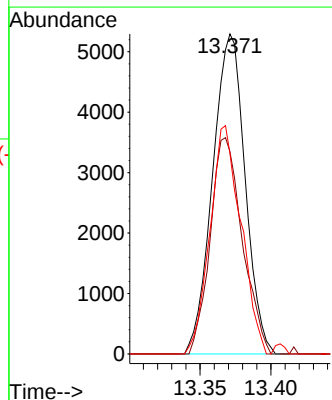
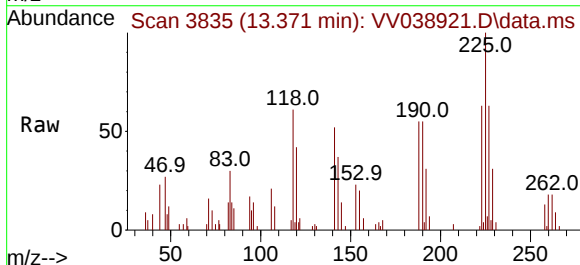
Instrument :
MSVOA_V
ClientSampleId :
MDL07

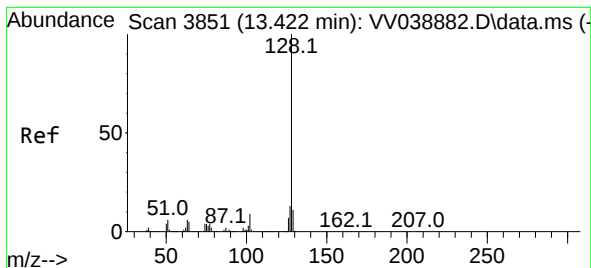
Tgt Ion:180 Resp: 17464
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 32.0 16.2 48.6



#94
Hexachlorobutadiene
Concen: 1.736 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038921.D
Acq: 18 Jul 2025 15:01

Tgt Ion:225 Resp: 8442
Ion Ratio Lower Upper
225 100
223 66.8 32.4 97.2
227 68.0 31.3 93.9





#95

Naphthalene

Concen: 1.572 ug/l

RT: 13.432 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

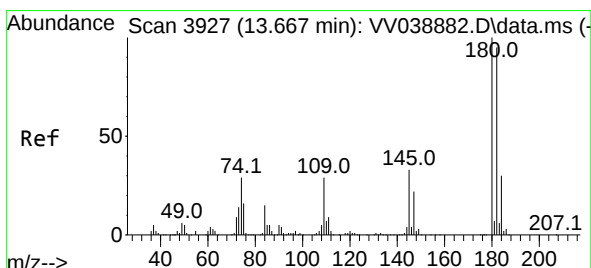
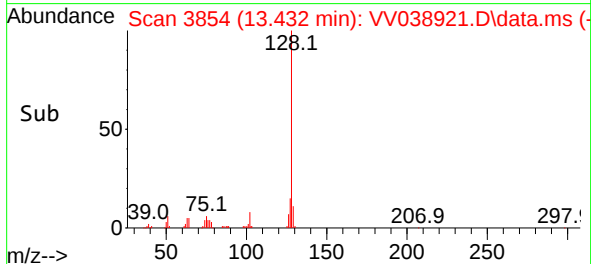
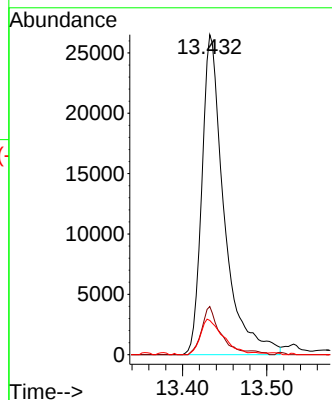
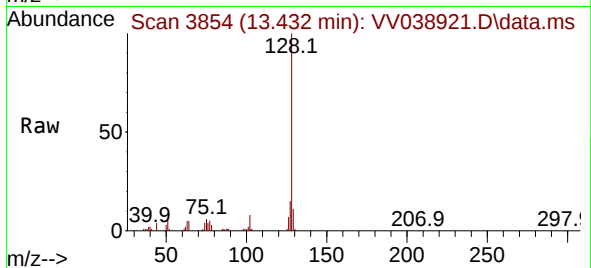
Tgt Ion:128 Resp: 48793

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.733 ug/l

RT: 13.677 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV038921.D

Acq: 18 Jul 2025 15:01

Tgt Ion:180 Resp: 16966

Ion Ratio Lower Upper

180 100

182 98.6 47.0 141.2

145 37.2 17.0 51.0

