

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038898.D
 Acq On : 15 Jul 2025 13:18
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 16 02:52:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	500849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	874100	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	800283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	358143	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.941	65	339707	55.512	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.020%	
35) Dibromofluoromethane	4.500	113	283204	47.520	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 95.040%	
50) Toluene-d8	7.236	98	938450	52.095	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	10.002	95	346493	47.747	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 95.500%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.121	85	2281	0.518	ug/l	96
3) Chloromethane	1.230	50	3054	0.643	ug/l #	84
4) Vinyl Chloride	1.294	62	3071	0.565	ug/l	90
5) Bromomethane	1.497	94	3683	0.903	ug/l	85
6) Chloroethane	1.558	64	2258	0.621	ug/l #	79
7) Trichlorofluoromethane	1.722	101	4950	0.514	ug/l	93
8) Diethyl Ether	1.925	74	1495	0.432	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.082	101	2419	0.420	ug/l #	73
10) Methyl Iodide	2.198	142	3469	0.525	ug/l	95
11) Tert butyl alcohol	2.577	59	3827	2.716	ug/l	98
12) 1,1-Dichloroethene	2.089	96	2997	0.572	ug/l	85
13) Acrolein	2.005	56	395	1.939	ug/l #	34
14) Allyl chloride	2.359	41	2882	0.345	ug/l #	55
15) Acrylonitrile	2.683	53	9734	2.700	ug/l	96
16) Acetone	2.124	43	8069	3.047	ug/l	94
17) Carbon Disulfide	2.249	76	7401	0.677	ug/l #	92
18) Methyl Acetate	2.378	43	1855	0.207	ug/l #	62
19) Methyl tert-butyl Ether	2.712	73	4661	0.237	ug/l	97
20) Methylene Chloride	2.458	84	4556	0.678	ug/l #	89
21) trans-1,2-Dichloroethene	2.703	96	3349	0.600	ug/l #	88
22) Diisopropyl ether	3.224	45	8018	0.480	ug/l #	63
23) Vinyl Acetate	3.211	43	25238	1.928	ug/l	99
24) 1,1-Dichloroethane	3.121	63	5546	0.507	ug/l	98
25) 2-Butanone	3.928	43	3611	0.951	ug/l	93
26) 2,2-Dichloropropane	3.818	77	4631	0.484	ug/l	100
27) cis-1,2-Dichloroethene	3.844	96	2937	0.458	ug/l	75
28) Bromochloromethane	4.156	49	1762	0.416	ug/l #	66
30) Chloroform	4.288	83	5483	0.455	ug/l #	76
31) Cyclohexane	4.597	56	13455	1.875	ug/l #	14
32) 1,1,1-Trichloroethane	4.513	97	3117	0.296	ug/l #	29
36) 1,1-Dichloropropene	4.757	75	2391	0.349	ug/l #	72
38) Carbon Tetrachloride	4.741	117	3655	0.402	ug/l #	83
39) Methylcyclohexane	6.047	83	4221	0.522	ug/l #	85
40) Benzene	5.021	78	10244	0.441	ug/l	94
42) 1,2-Dichloroethane	5.053	62	3273	0.370	ug/l	100
44) Trichloroethene	5.854	130	2919	0.481	ug/l	79

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 ClientSampleId :
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Quant Time: Jul 16 02:52:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 02:47:34 2025
 Response via : Initial Calibration

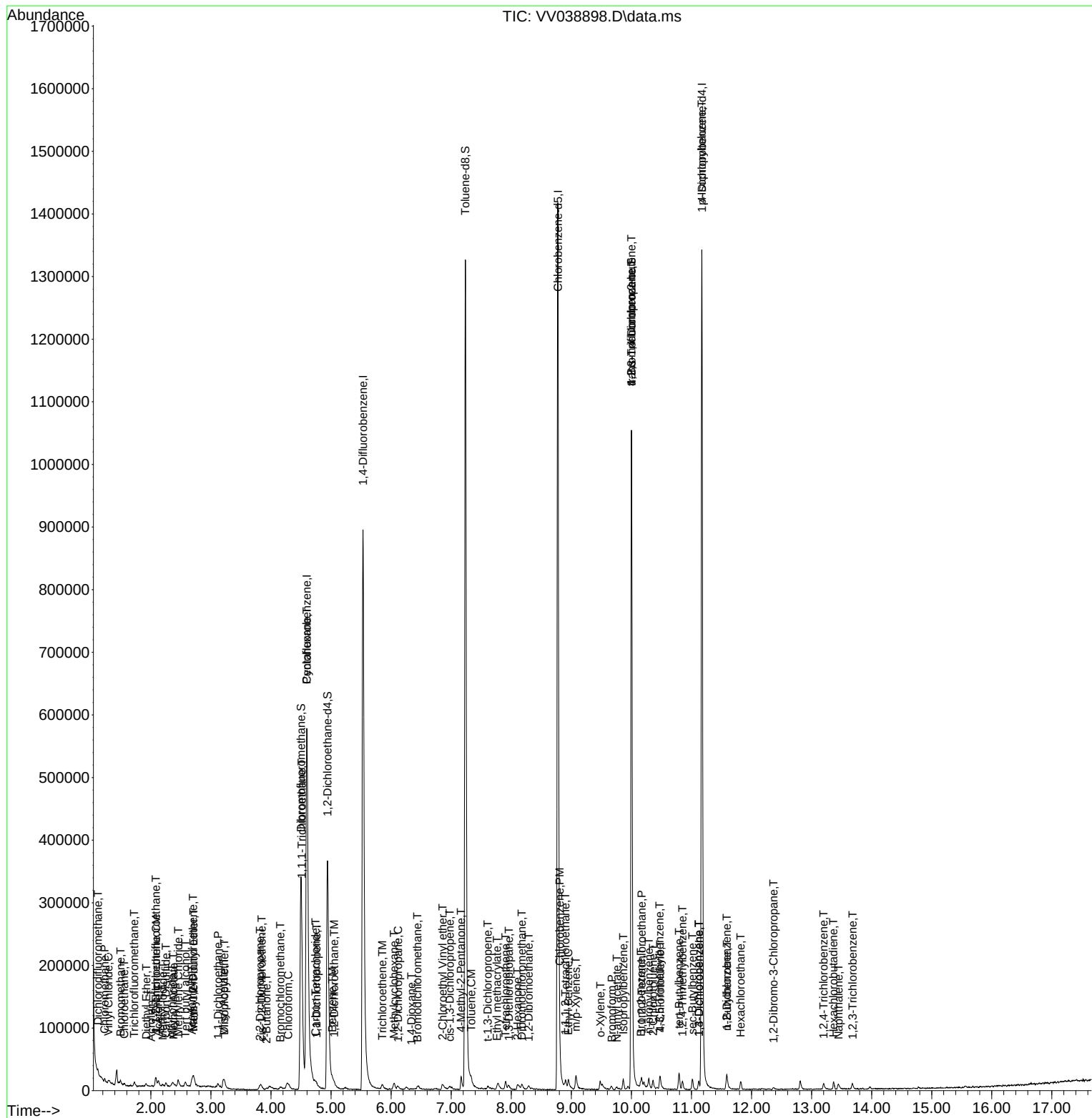
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	6.117	63	2582	0.421	ug/l #	89
47) Bromodichloromethane	6.436	83	2953	0.293	ug/l #	87
49) 1,4-Dioxane	6.336	88	227	1.904	ug/l #	1
51) 4-Methyl-2-Pentanone	7.166	43	13819	1.591	ug/l	98
52) Toluene	7.333	92	6839	0.468	ug/l	99
53) t-1,3-Dichloropropene	7.609	75	3628	0.398	ug/l	100
54) cis-1,3-Dichloropropene	6.979	75	3378	0.343	ug/l #	83
56) Ethyl methacrylate	7.764	69	2467	0.297	ug/l #	84
57) 1,3-Dichloropropane	7.960	76	4549	0.434	ug/l #	73
58) 2-Chloroethyl Vinyl ether	6.857	63	4948	0.987	ug/l	90
59) 2-Hexanone	8.104	43	7079	1.095	ug/l #	61
60) Dibromochloromethane	8.175	129	3757	0.456	ug/l	93
61) 1,2-Dibromoethane	8.291	107	2942	0.418	ug/l #	76
64) Tetrachloroethene	7.905	164	2395	0.456	ug/l #	81
65) Chlorobenzene	8.805	112	8693	0.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.902	131	3387	0.486	ug/l #	65
67) Ethyl Benzene	8.950	91	11756	0.453	ug/l	99
68) m/p-Xylenes	9.079	106	6482	0.641	ug/l	94
69) o-Xylene	9.484	106	3801	0.398	ug/l	98
71) Bromoform	9.674	173	2880	0.508	ug/l #	72
73) Isopropylbenzene	9.866	105	10493	0.490	ug/l	100
74) N-amyl acetate	9.760	43	2341	0.299	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	10.172	83	5333	0.595	ug/l	89
76) 1,2,3-Trichloropropane	10.002	75	172948	25.973	ug/l #	43
77) Bromobenzene	10.159	156	3145	0.560	ug/l	83
78) n-propylbenzene	10.291	91	11436	0.457	ug/l	89
79) 2-Chlorotoluene	10.362	91	8579	0.539	ug/l	89
80) 1,3,5-Trimethylbenzene	10.471	105	7779	0.431	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.002	75	172948	63.382	ug/l #	13
82) 4-Chlorotoluene	10.481	91	7914	0.445	ug/l	88
83) tert-Butylbenzene	10.796	119	8405	0.444	ug/l	89
84) 1,2,4-Trimethylbenzene	10.850	105	8208	0.462	ug/l	95
85) sec-Butylbenzene	11.014	105	10055	0.416	ug/l	94
86) p-Isopropyltoluene	11.172	119	8914	0.435	ug/l #	80
87) 1,3-Dichlorobenzene	11.124	146	5689	0.497	ug/l	93
88) 1,4-Dichlorobenzene	11.124	146	5689	0.456	ug/l	94
89) n-Butylbenzene	11.590	91	8466	0.452	ug/l	96
90) Hexachloroethane	11.818	117	1449	0.297	ug/l #	25
91) 1,2-Dichlorobenzene	11.587	146	5274	0.474	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.368	75	1074	0.530	ug/l #	73
93) 1,2,4-Trichlorobenzene	13.201	180	2925	0.445	ug/l	78
94) Hexachlorobutadiene	13.365	225	1962	0.580	ug/l	86
95) Naphthalene	13.448	128	9324	0.432	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.683	180	3078	0.452	ug/l	90

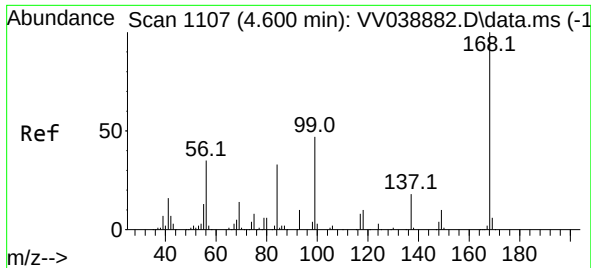
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Operator  : SY/MD  
Sample    : MDL02  
Misc      : 5.0mL/MSVOA_V/WATER  
ALS Vial  : 11 Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
MDL02

Quant Time: Jul 16 02:52:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 16 02:47:34 2025
Response via : Initial Calibration

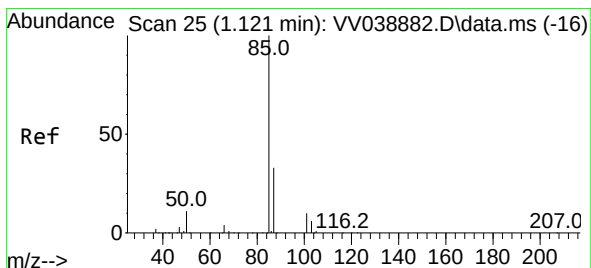
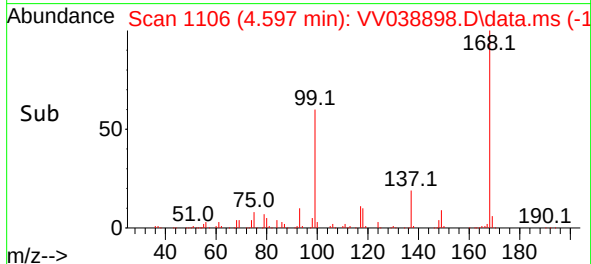
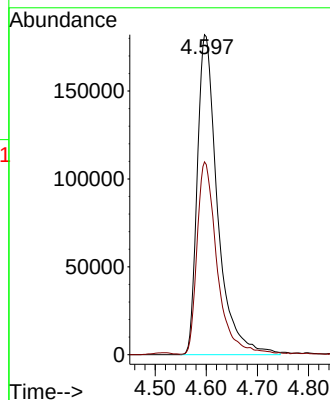
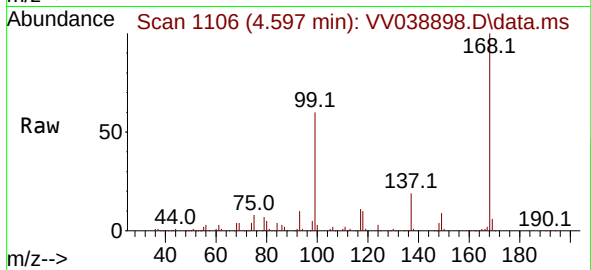




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

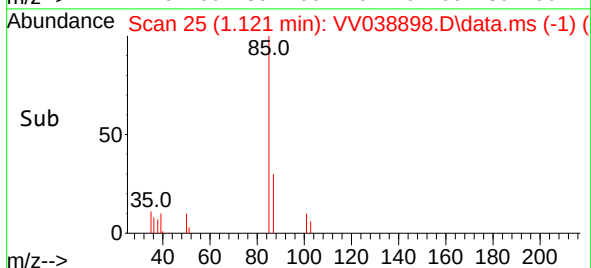
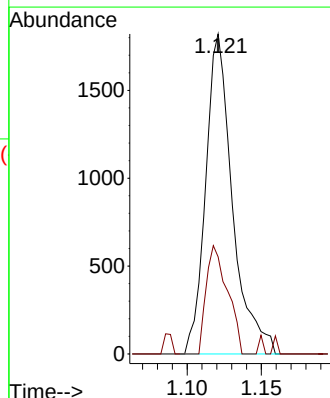
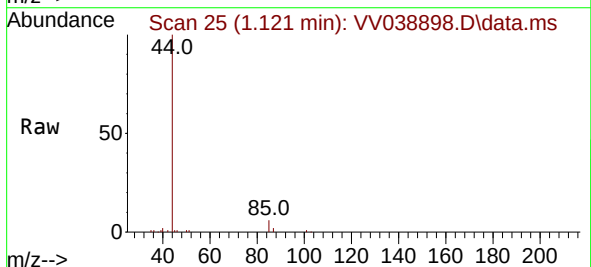
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ClientSampleId :
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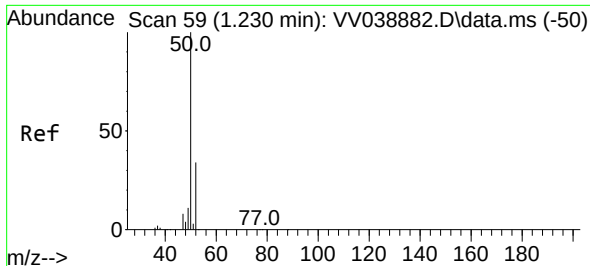
Tgt Ion:168 Resp: 500849
Ion Ratio Lower Upper
168 100
99 60.1 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 0.518 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 85 Resp: 2281
Ion Ratio Lower Upper
85 100
87 30.3 16.3 48.8

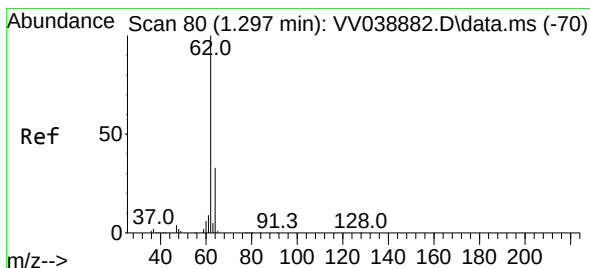
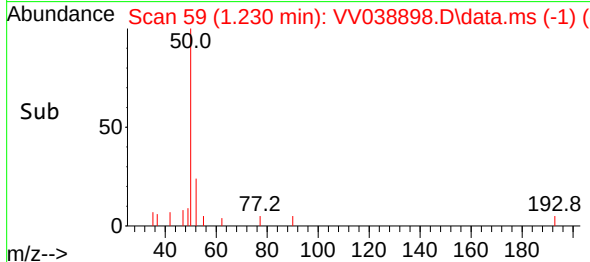
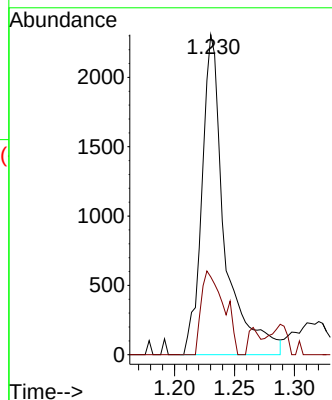
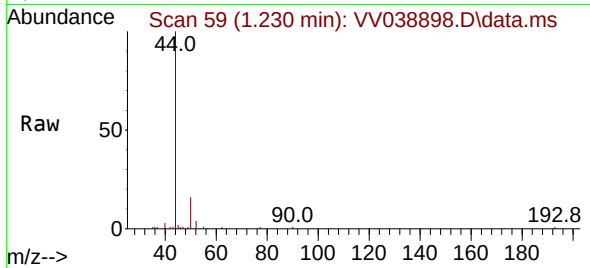




#3
Chloromethane
Concen: 0.643 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

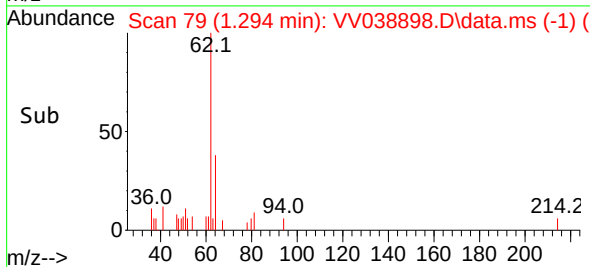
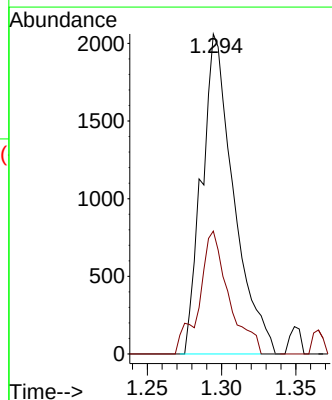
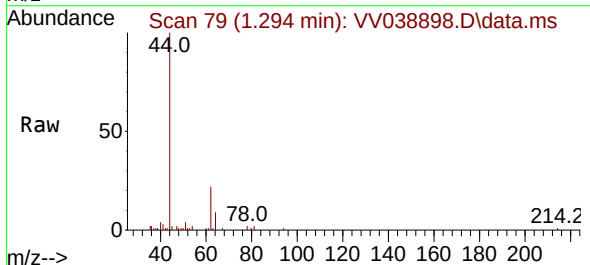
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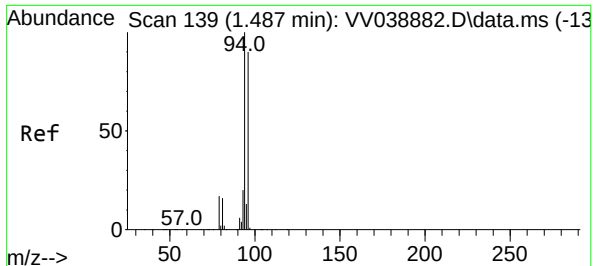
Tgt Ion: 50 Resp: 3054
Ion Ratio Lower Upper
50 100
52 24.3 26.9 40.3#



#4
Vinyl Chloride
Concen: 0.565 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 62 Resp: 3071
Ion Ratio Lower Upper
62 100
64 38.4 26.2 39.2

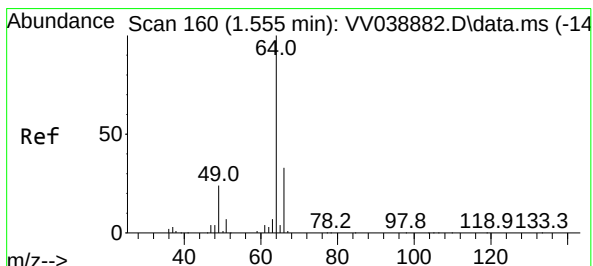
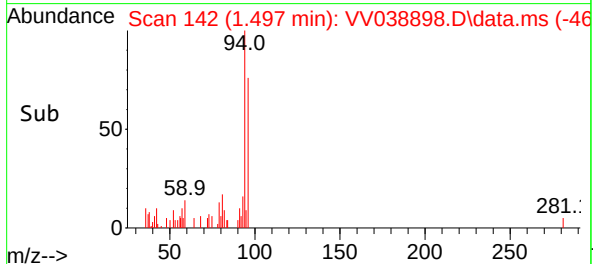
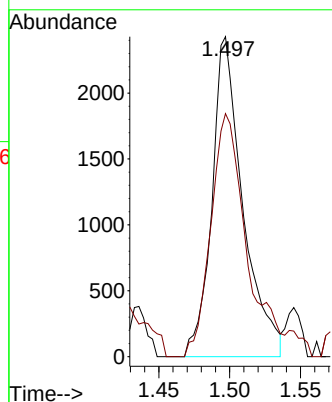
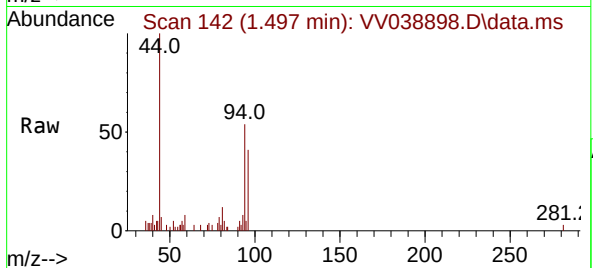




#5
Bromomethane
Concen: 0.903 ug/l
RT: 1.497 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

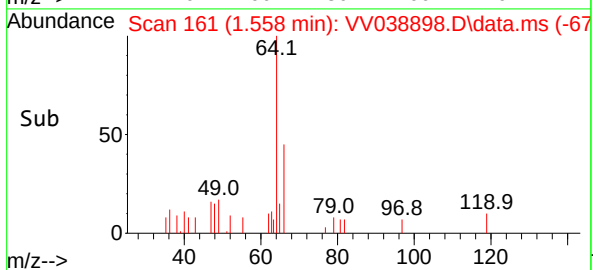
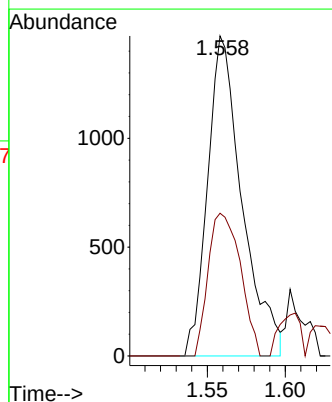
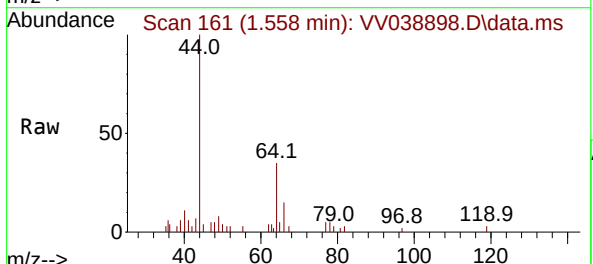
Instrument :
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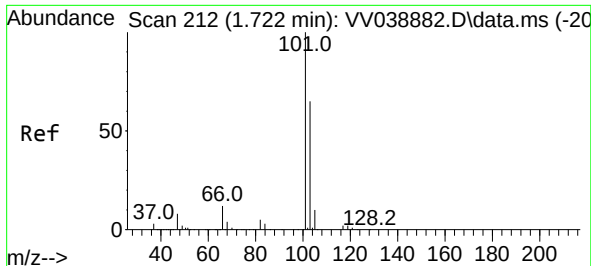
Tgt Ion: 94 Resp: 3683
Ion Ratio Lower Upper
94 100
96 75.9 71.9 107.9



#6
Chloroethane
Concen: 0.621 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 64 Resp: 2258
Ion Ratio Lower Upper
64 100
66 44.6 26.2 39.2#

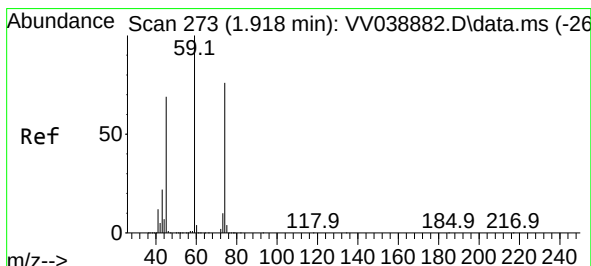
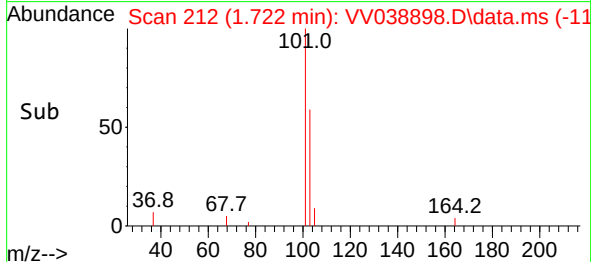
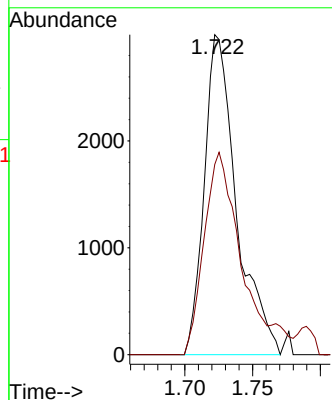
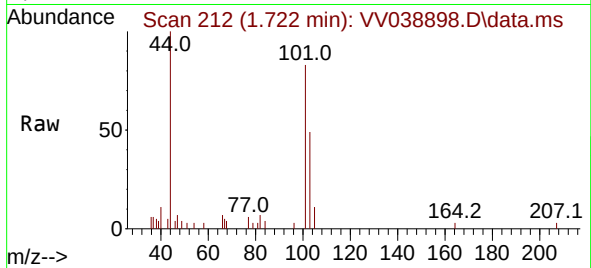




#7
 Trichlorofluoromethane
 Concen: 0.514 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

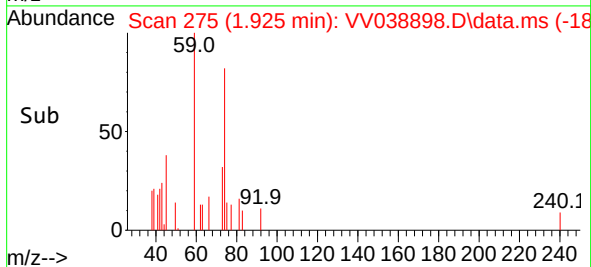
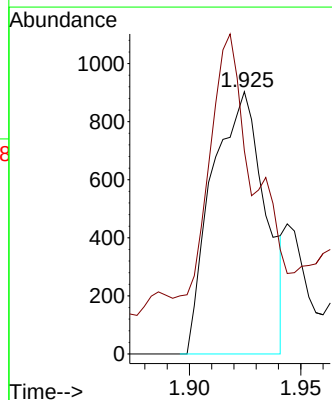
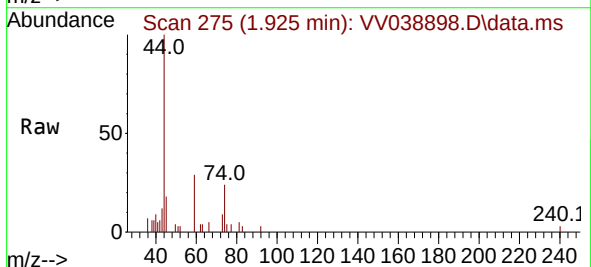
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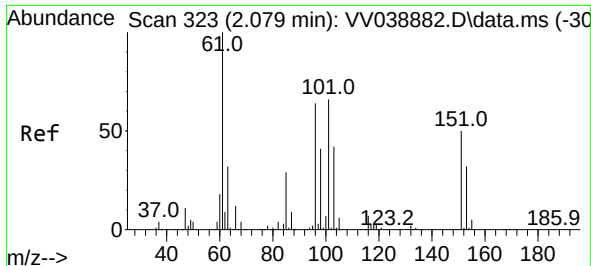
Tgt Ion:101 Resp: 4950
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.8 77.6



#8
 Diethyl Ether
 Concen: 0.432 ug/l
 RT: 1.925 min Scan# 275
 Delta R.T. 0.007 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

Tgt Ion: 74 Resp: 1495
 Ion Ratio Lower Upper
 74 100
 45 79.7 45.5 136.5

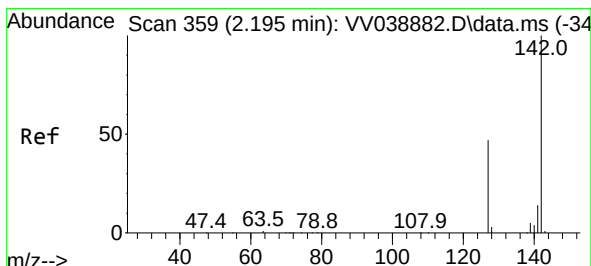
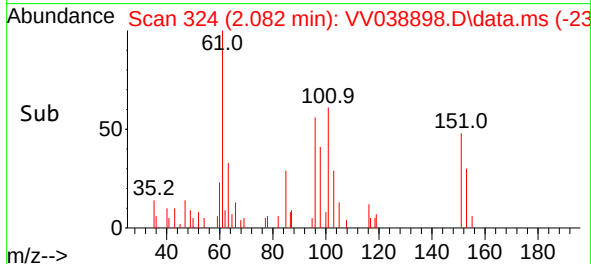
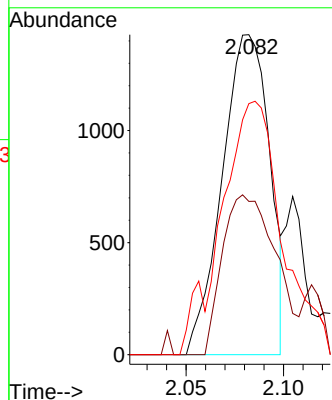
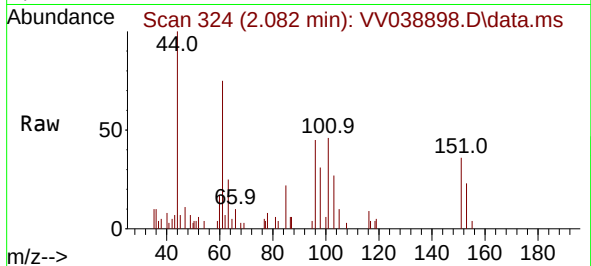




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.420 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

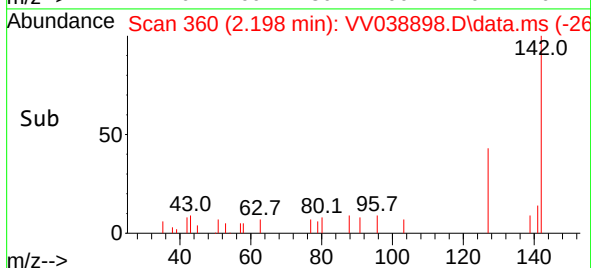
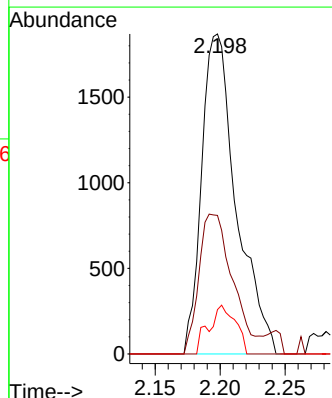
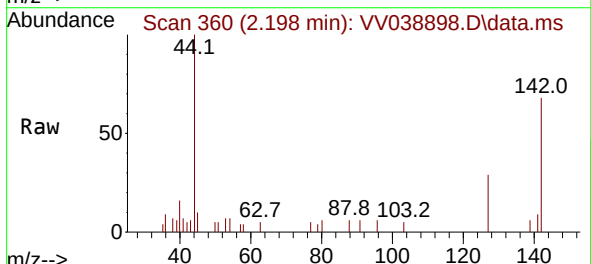
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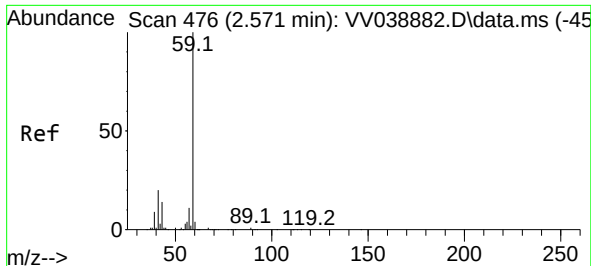
Tgt Ion:101 Resp: 2419
Ion Ratio Lower Upper
101 100
85 56.6 35.0 52.6#
151 101.2 60.1 90.1#



#10
Methyl Iodide
Concen: 0.525 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:142 Resp: 3469
Ion Ratio Lower Upper
142 100
127 43.3 37.3 55.9
141 11.7 11.2 16.8

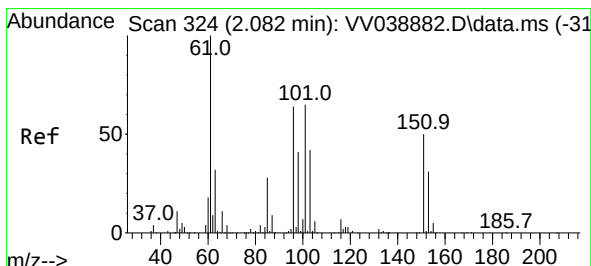
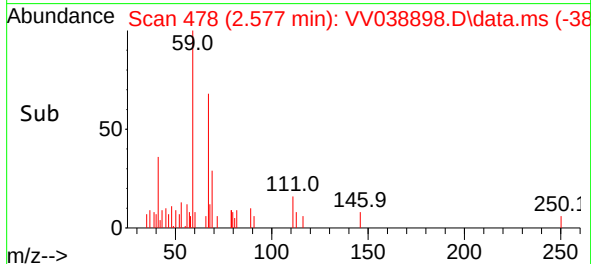
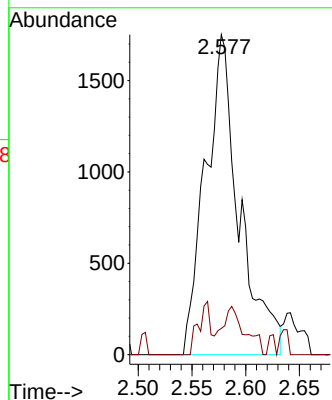
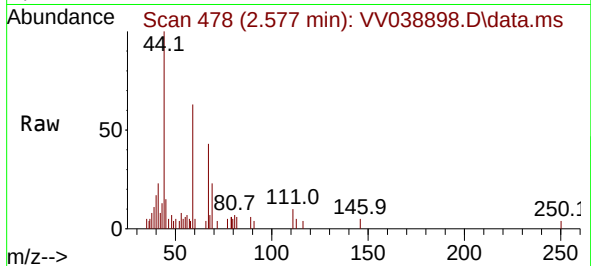




#11
Tert butyl alcohol
Concen: 2.716 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

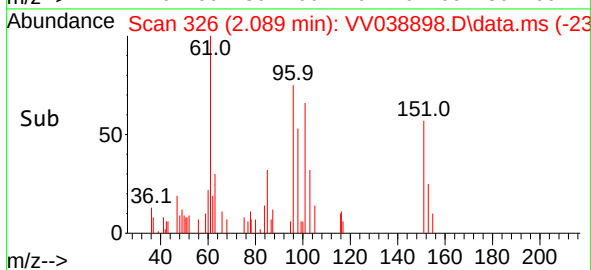
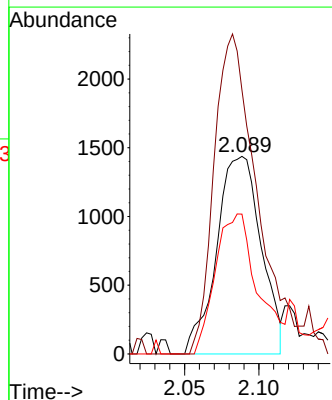
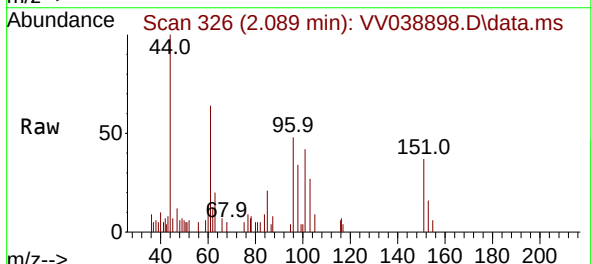
Instrument :
MSVOA_V
ClientSampleId :
MDL02

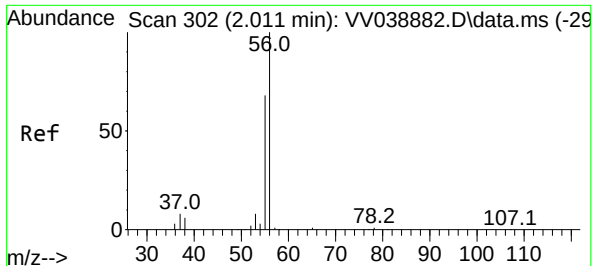
Tgt Ion: 59 Resp: 3827
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 0.572 ug/l
RT: 2.089 min Scan# 326
Delta R.T. 0.007 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 96 Resp: 2997
Ion Ratio Lower Upper
96 100
61 133.5 124.1 186.1
98 70.8 50.6 75.8

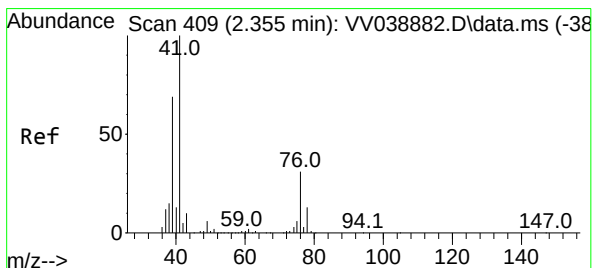
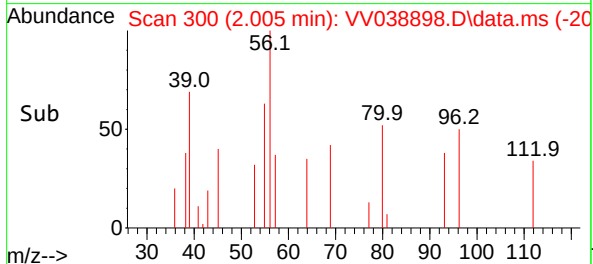
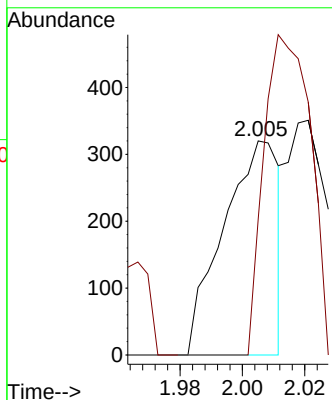
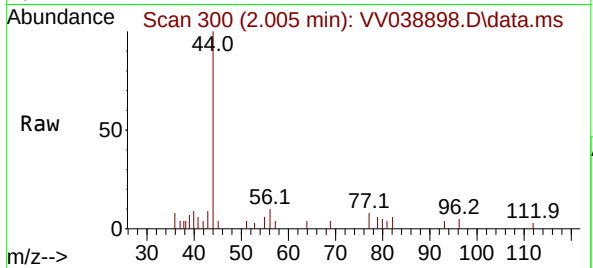




#13
Acrolein
Concen: 1.939 ug/l
RT: 2.005 min Scan# 302
Delta R.T. -0.006 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

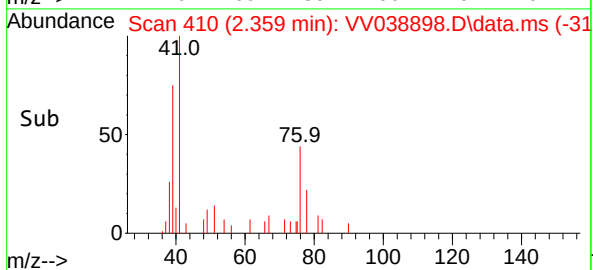
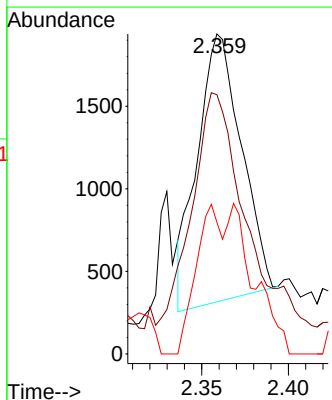
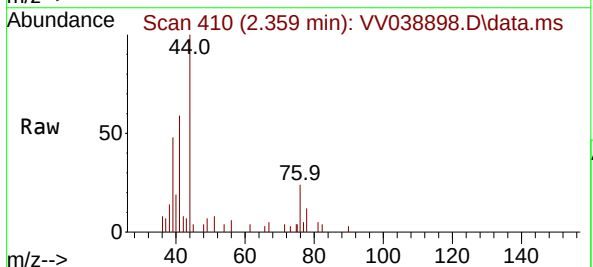
Instrument :
MSVOA_V
ClientSampleId :
MDL02

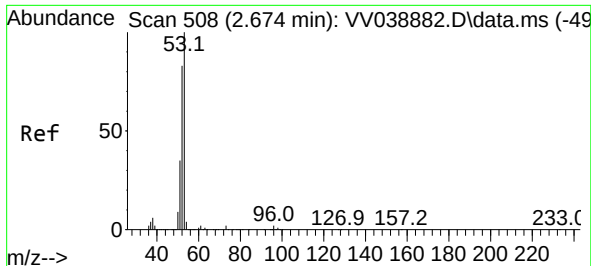
Tgt Ion: 56 Resp: 395
Ion Ratio Lower Upper
56 100
55 125.6 56.7 85.1#



#14
Allyl chloride
Concen: 0.345 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 41 Resp: 2882
Ion Ratio Lower Upper
41 100
39 115.5 50.6 76.0#
76 32.5 30.4 45.6

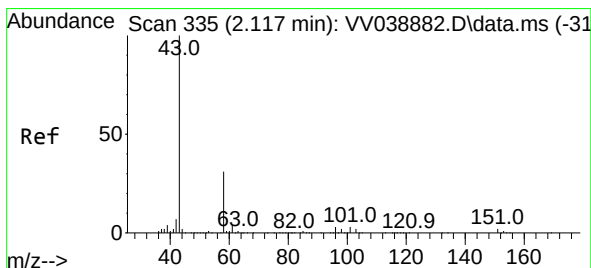
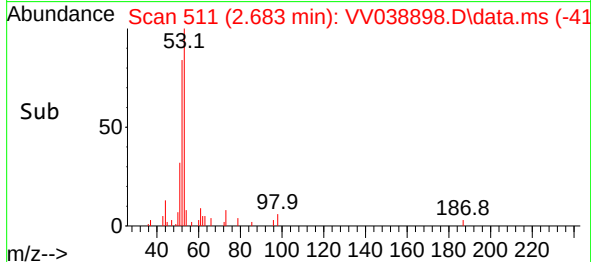
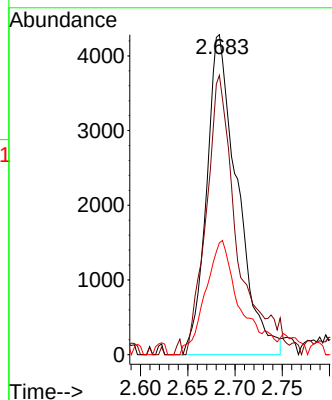
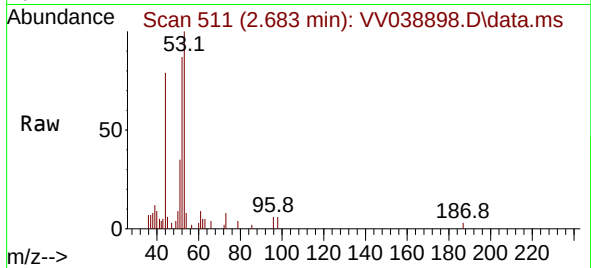




#15
Acrylonitrile
Concen: 2.700 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

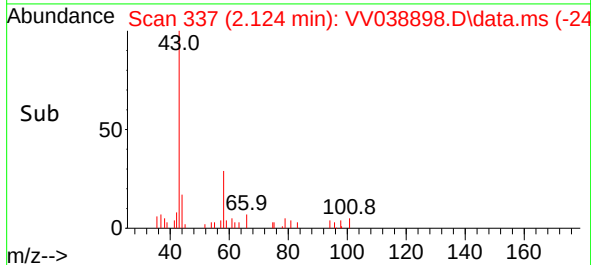
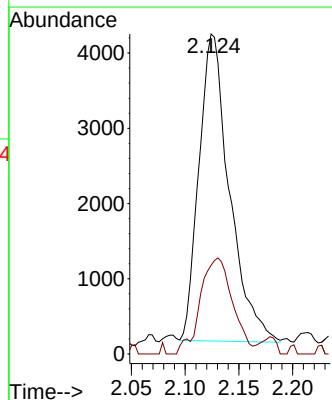
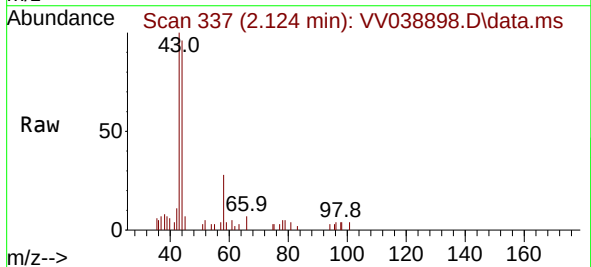
Instrument :
MSVOA_V
ClientSampleId :
MDL02

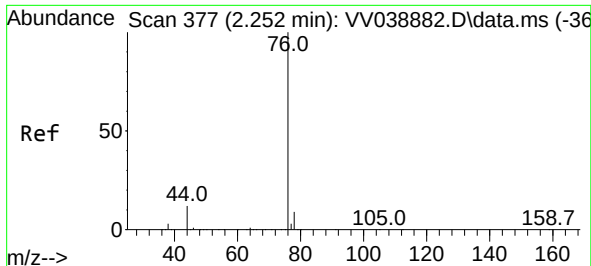
Tgt Ion: 53	Resp: 9734
Ion Ratio	Lower Upper
53 100	
52 87.5	66.6 99.8
51 37.9	28.7 43.1



#16
Acetone
Concen: 3.047 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 43	Resp: 8069		
Ion Ratio	Lower	Upper	
43 100			
58 28.9	25.8	38.6	

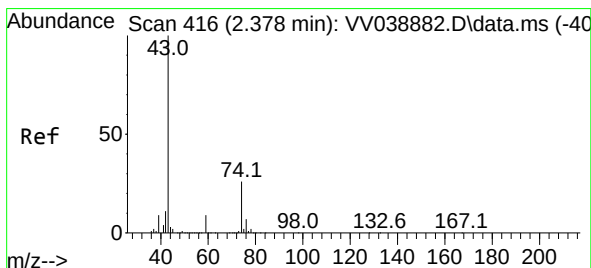
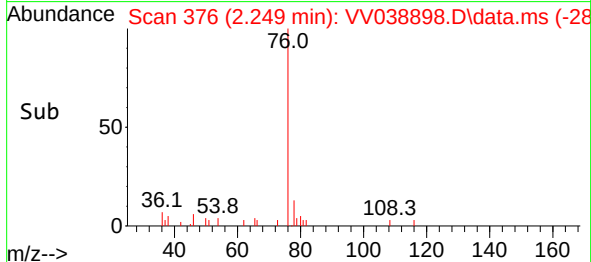
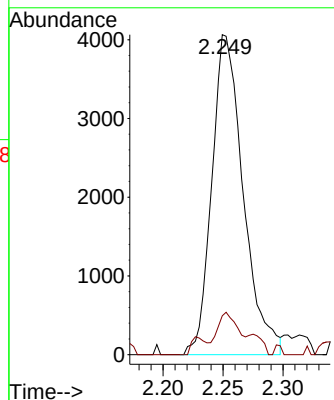
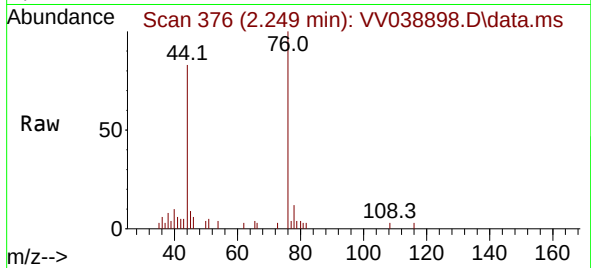




#17
Carbon Disulfide
Concen: 0.677 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

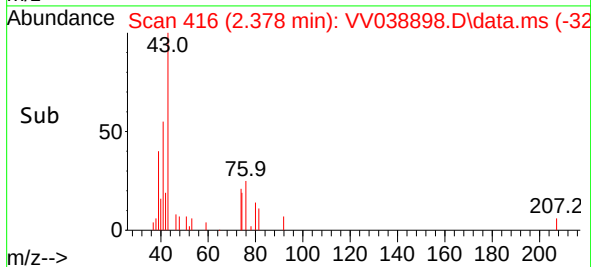
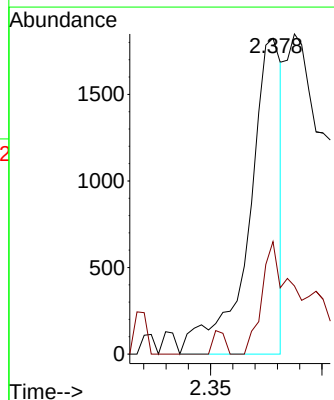
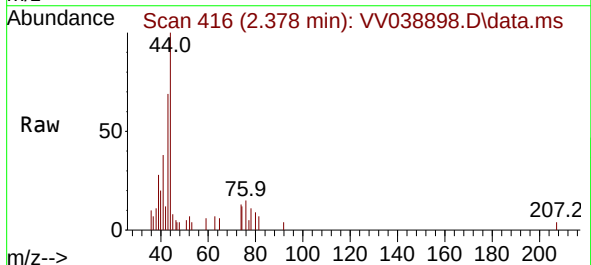
Instrument :
MSVOA_V
ClientSampleId :
MDL02

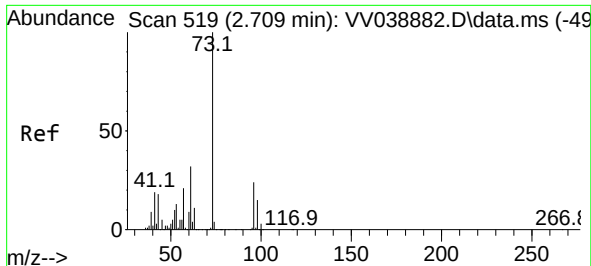
Tgt Ion: 76 Resp: 7401
Ion Ratio Lower Upper
76 100
78 12.1 7.4 11.2#



#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 43 Resp: 1855
Ion Ratio Lower Upper
43 100
74 46.0 21.1 31.7#

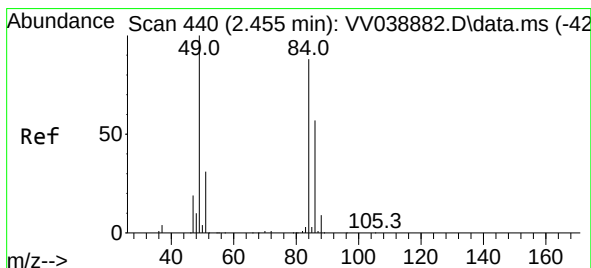
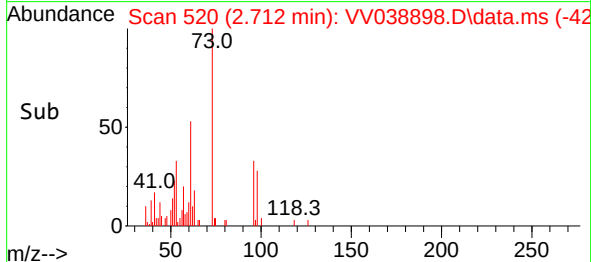
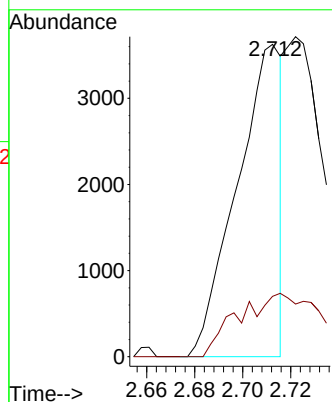
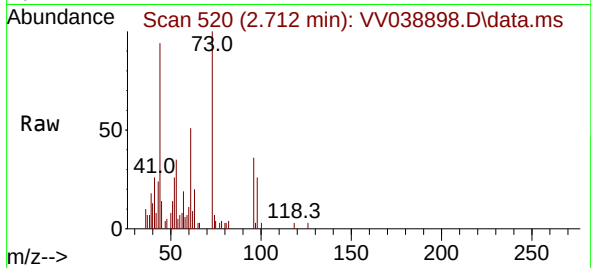




#19
Methyl tert-butyl Ether
Concen: 0.237 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

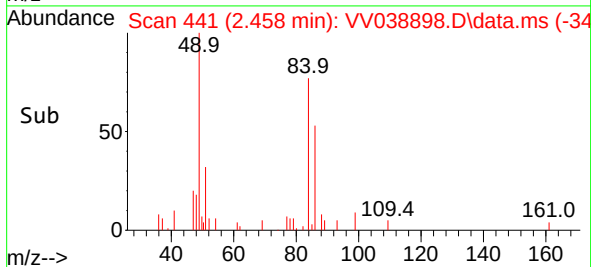
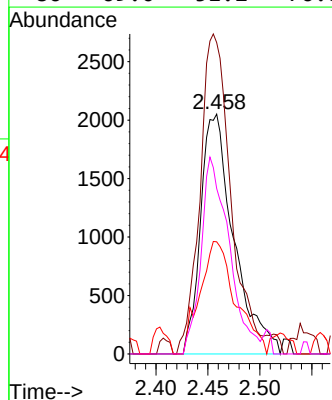
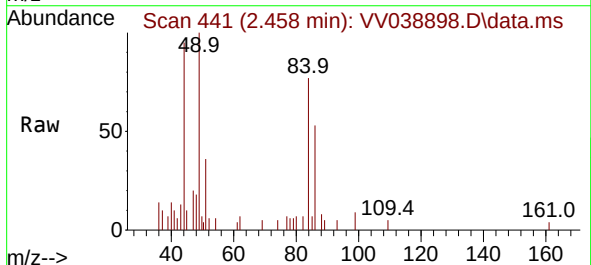
Instrument :
MSVOA_V
ClientSampleId :
MDL02

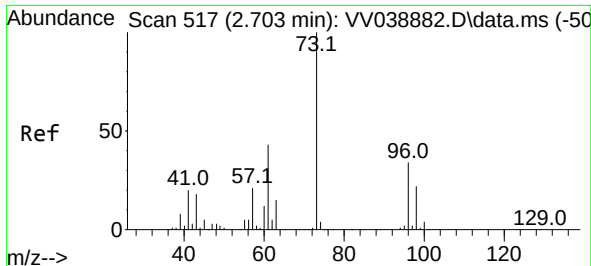
Tgt Ion: 73 Resp: 4661
Ion Ratio Lower Upper
73 100
57 19.3 16.5 24.7



#20
Methylene Chloride
Concen: 0.678 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 84 Resp: 4556
Ion Ratio Lower Upper
84 100
49 124.4 90.5 135.7
51 46.8 27.8 41.6#
86 69.0 51.2 76.8

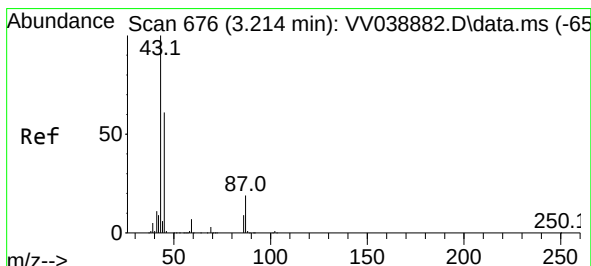
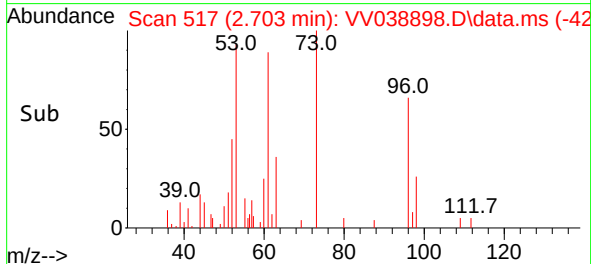
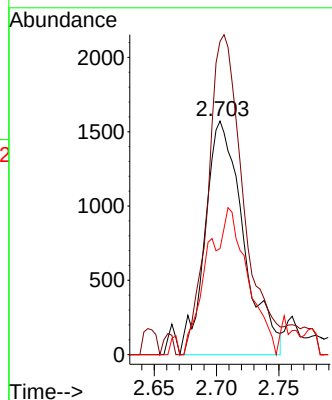
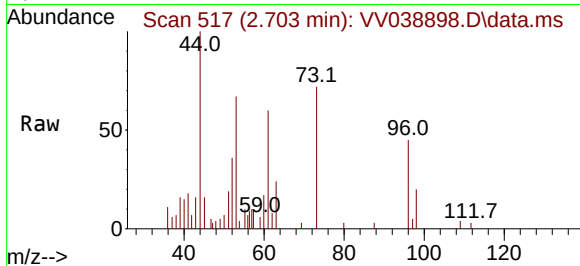




#21
trans-1,2-Dichloroethene
Concen: 0.600 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

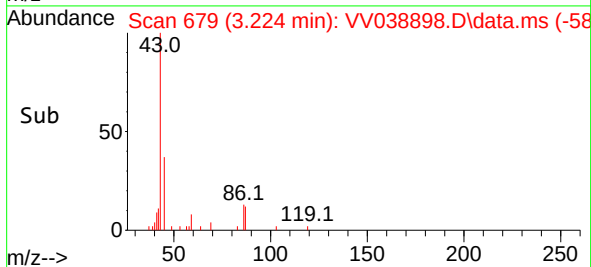
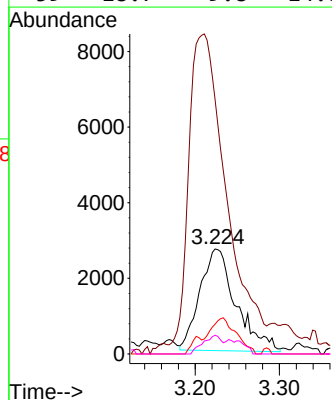
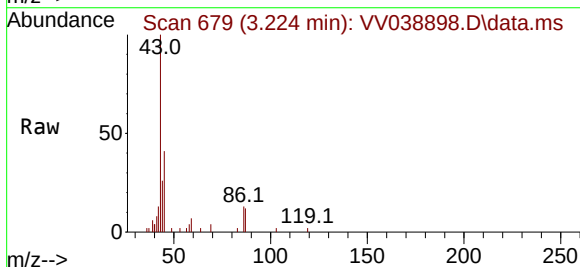
Instrument :
MSVOA_V
ClientSampleId :
MDL02

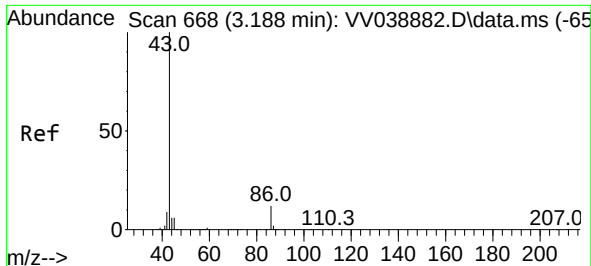
Tgt Ion: 96 Resp: 3349
Ion Ratio Lower Upper
96 100
61 134.1 102.0 153.0
98 45.5 51.0 76.6#



#22
Diisopropyl ether
Concen: 0.480 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 45 Resp: 8018
Ion Ratio Lower Upper
45 100
43 226.2 132.1 198.1#
87 29.8 25.0 37.4
59 18.7 9.8 14.8#

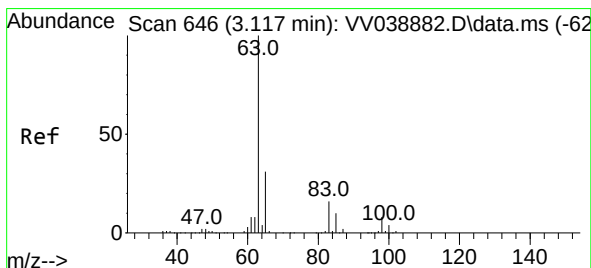
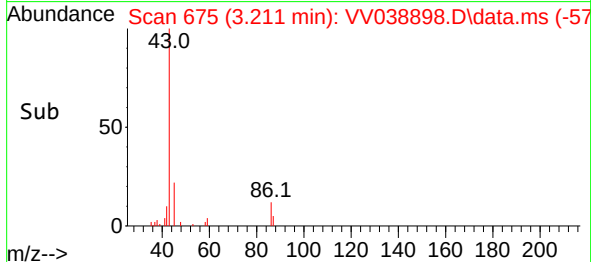
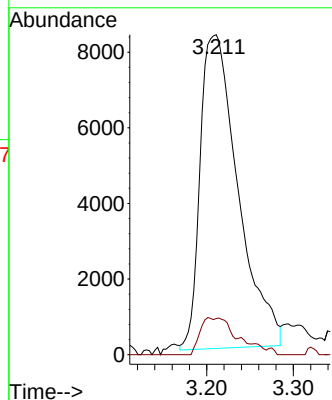
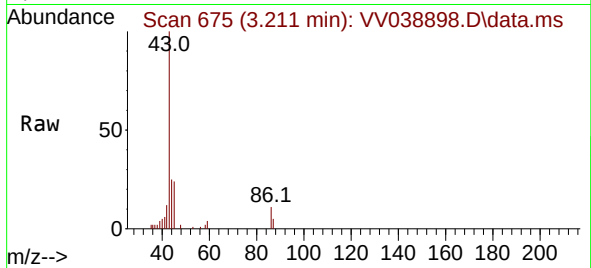




#23
 Vinyl Acetate
 Concen: 1.928 ug/l
 RT: 3.211 min Scan# 61
 Delta R.T. 0.023 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

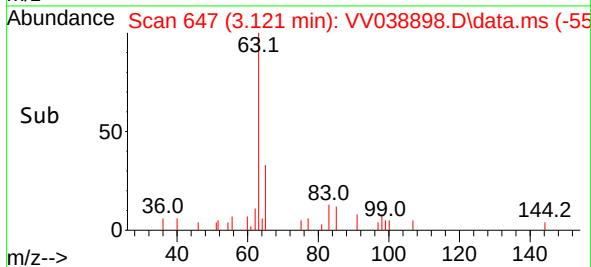
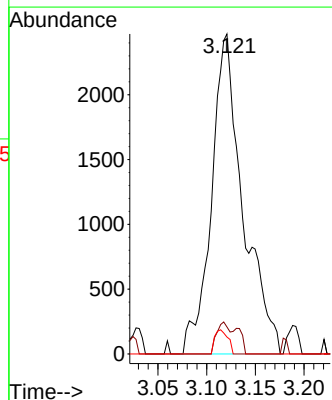
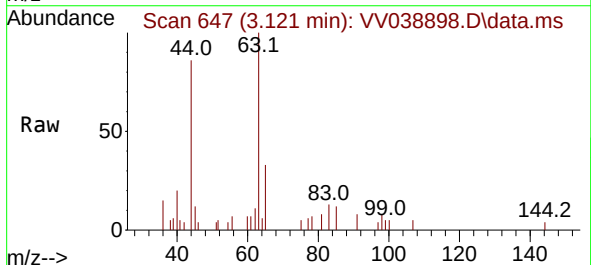
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

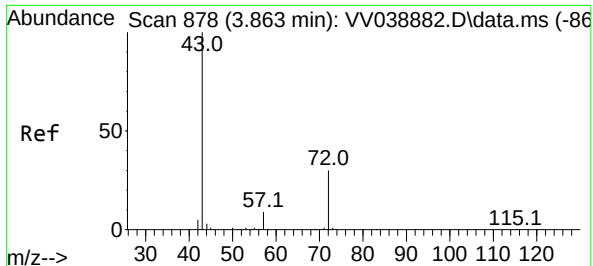
Tgt Ion: 43 Resp: 25238
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 0.507 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

Tgt Ion: 63 Resp: 5546
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 5.3 2.2 6.6

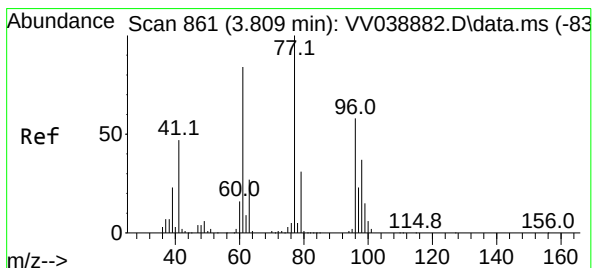
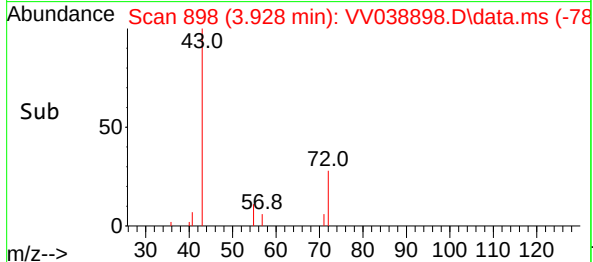
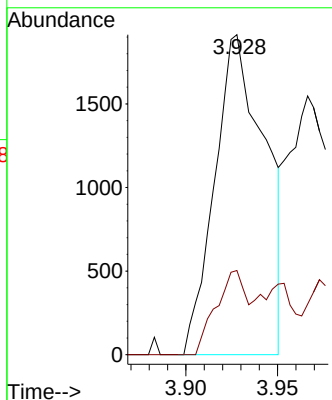
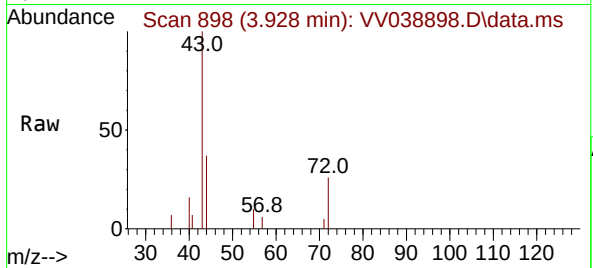




#25
2-Butanone
Concen: 0.951 ug/l
RT: 3.928 min Scan# 898
Delta R.T. 0.065 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

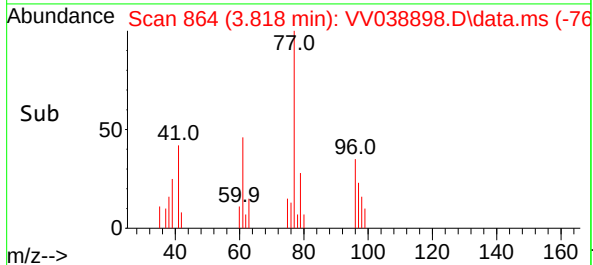
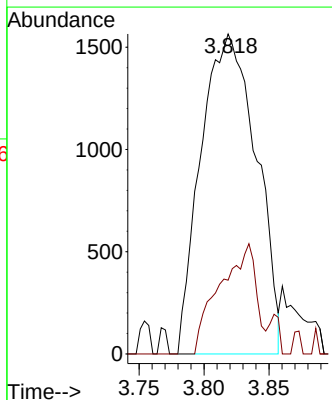
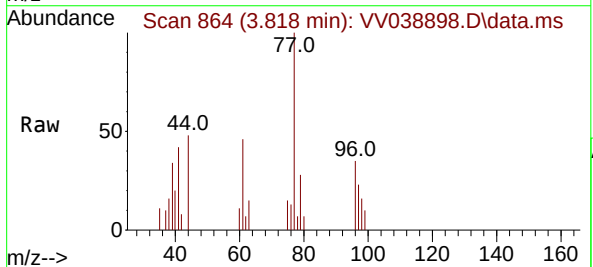
Instrument :
MSVOA_V
ClientSampleId :
MDL02

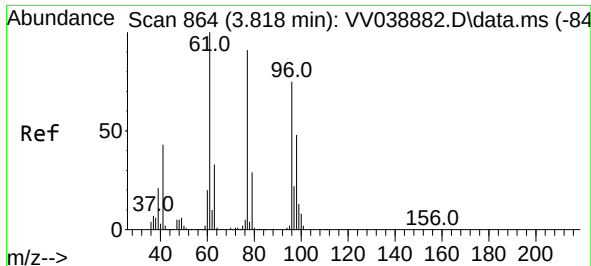
Tgt Ion: 43 Resp: 3611
Ion Ratio Lower Upper
43 100
72 26.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 0.484 ug/l
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 77 Resp: 4631
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.458 ug/l

RT: 3.844 min Scan# 81

Delta R.T. 0.026 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

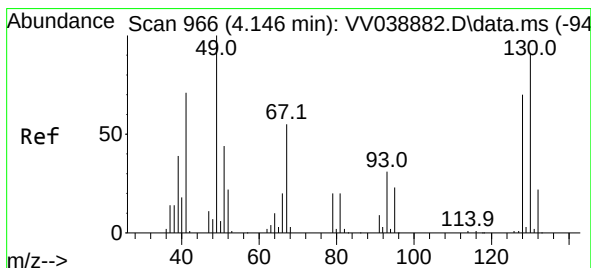
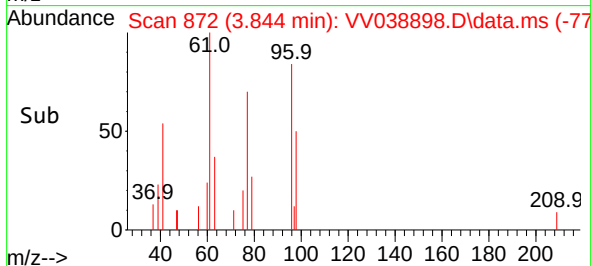
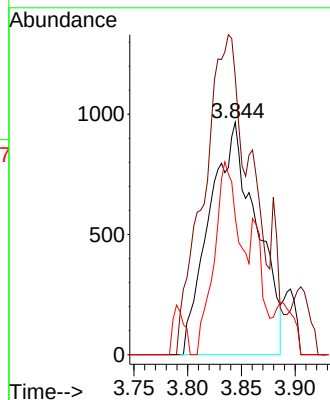
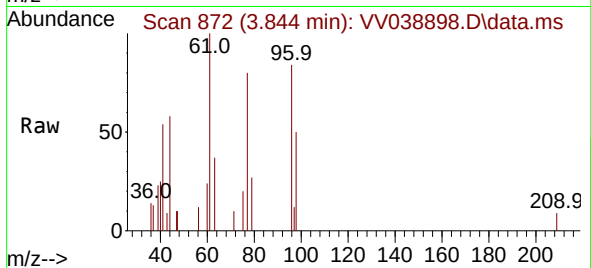
Tgt Ion: 96 Resp: 2937

Ion Ratio Lower Upper

96 100

61 107.3 0.0 275.0

98 46.5 0.0 130.0



#28

Bromochloromethane

Concen: 0.416 ug/l

RT: 4.156 min Scan# 969

Delta R.T. 0.010 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

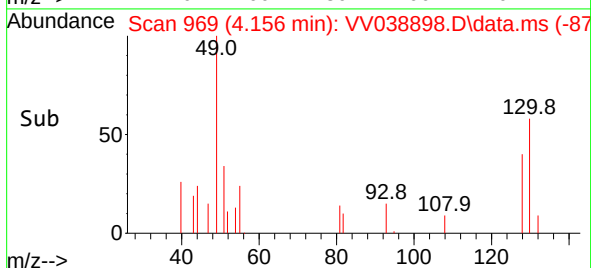
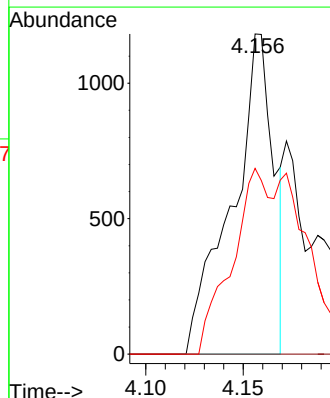
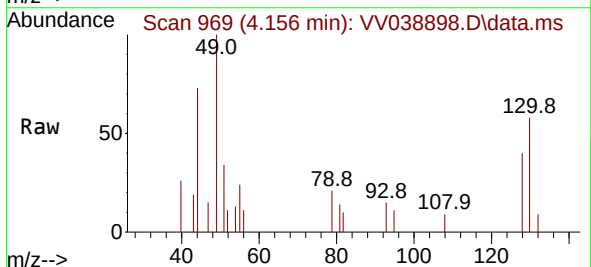
Tgt Ion: 49 Resp: 1762

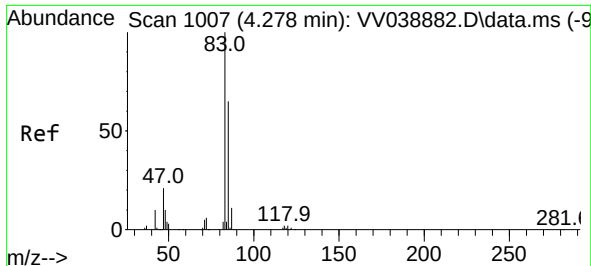
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 55.6 70.1 105.1#

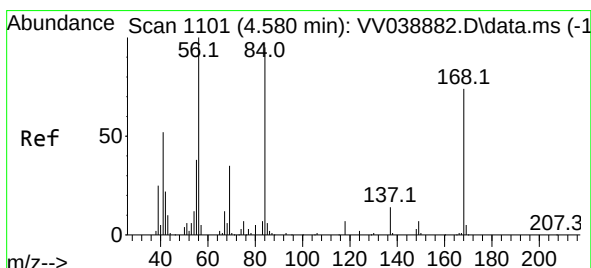
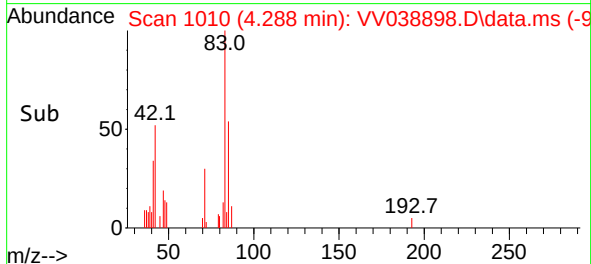
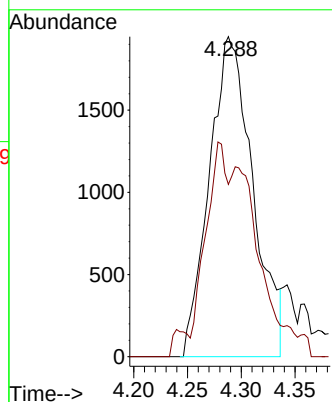
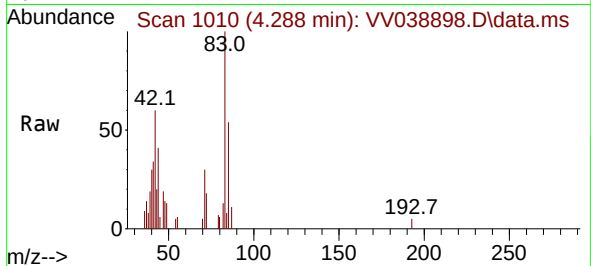




#30
Chloroform
Concen: 0.455 ug/l
RT: 4.288 min Scan# 1106
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

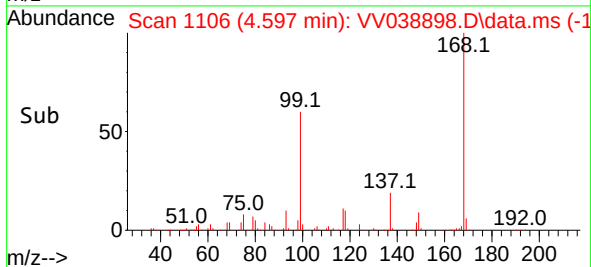
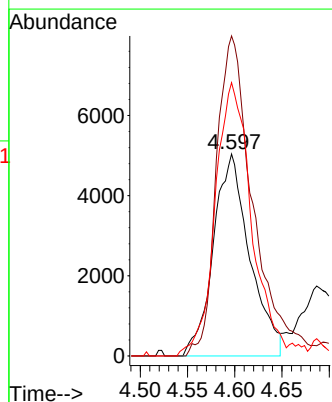
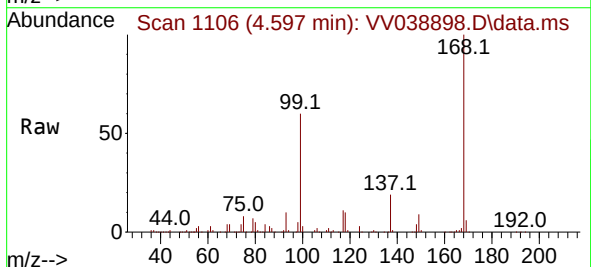
Instrument :
MSVOA_V
ClientSampleId :
MDL02

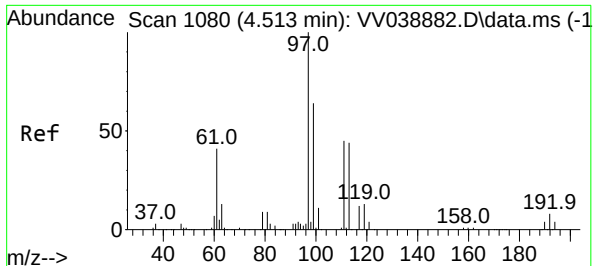
Tgt Ion: 83 Resp: 5483
Ion Ratio Lower Upper
83 100
85 46.1 52.2 78.4#



#31
Cyclohexane
Concen: 1.875 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. 0.016 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 56 Resp: 13455
Ion Ratio Lower Upper
56 100
69 158.5 28.2 42.2#
84 133.2 76.0 114.0#





#32

1,1,1-Trichloroethane

Concen: 0.296 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

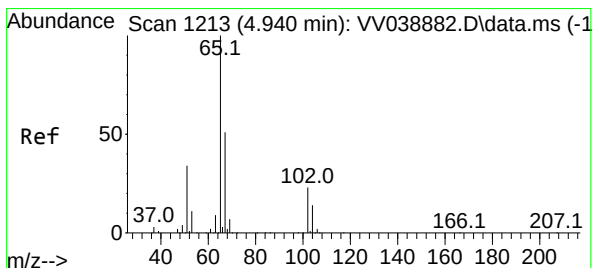
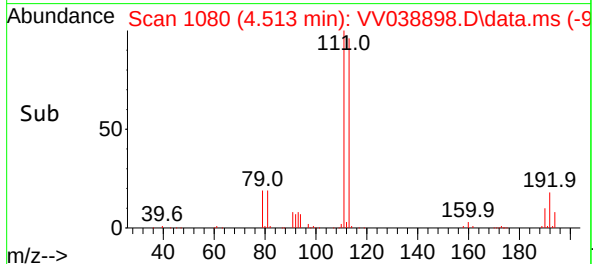
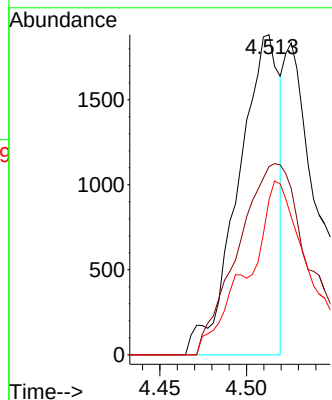
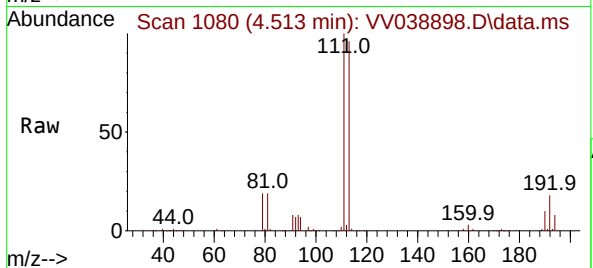
Tgt Ion: 97 Resp: 3117

Ion Ratio Lower Upper

97 100

99 0.0 50.1 75.1#

61 76.3 32.6 49.0#



#33

1,2-Dichloroethane-d4

Concen: 55.512 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038898.D

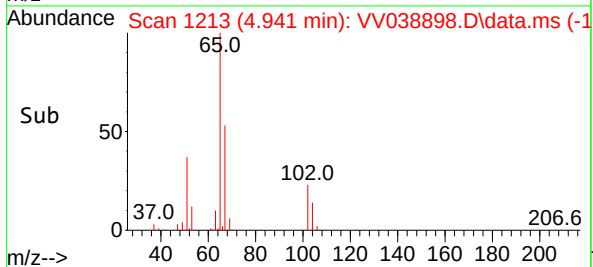
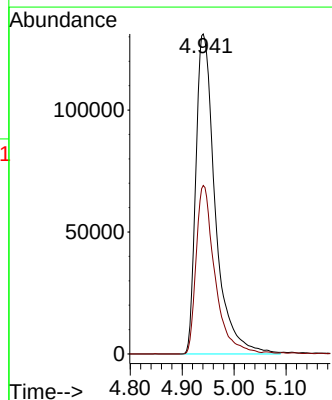
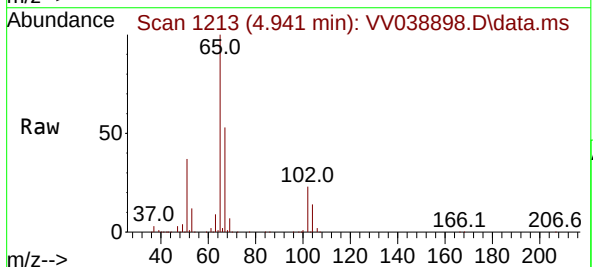
Acq: 15 Jul 2025 13:18

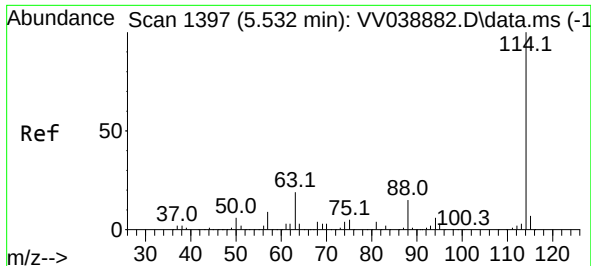
Tgt Ion: 65 Resp: 339707

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

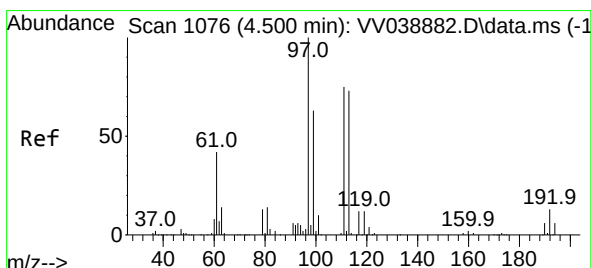
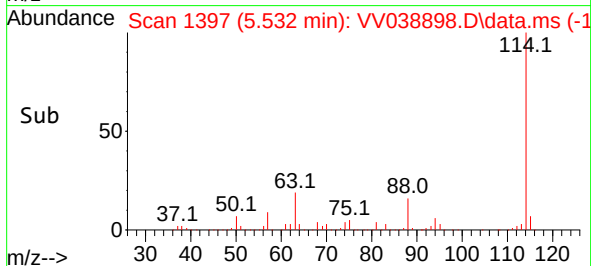
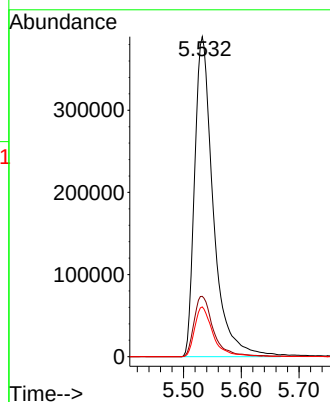
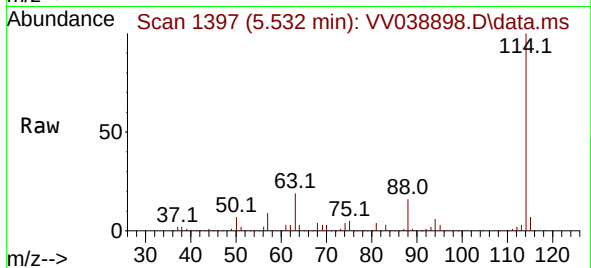
Tgt Ion:114 Resp: 874100

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.2

88 15.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 47.520 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

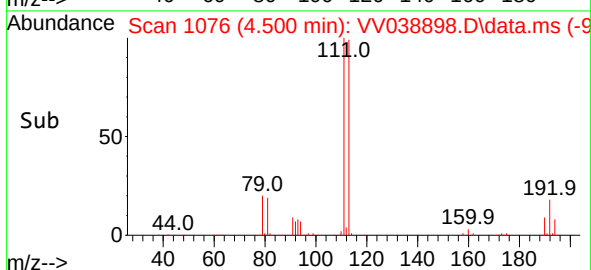
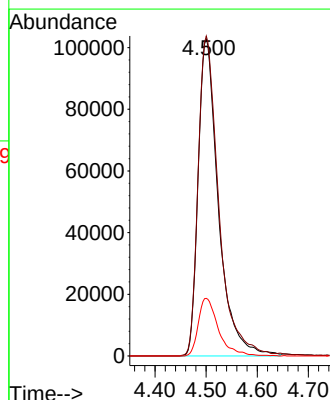
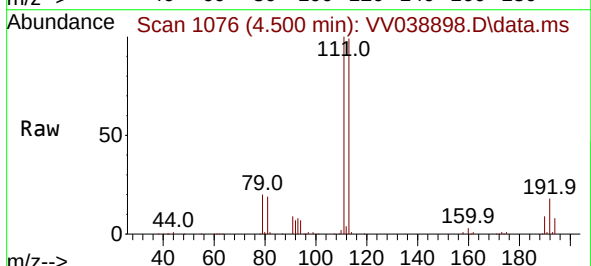
Tgt Ion:113 Resp: 283204

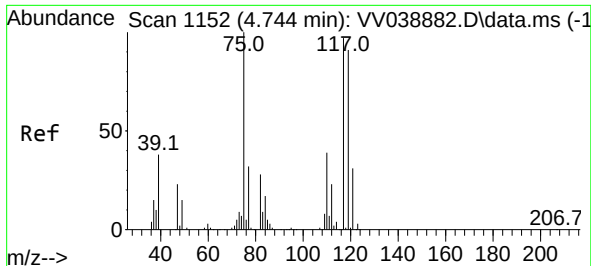
Ion Ratio Lower Upper

113 100

111 102.6 83.3 124.9

192 18.1 14.2 21.4

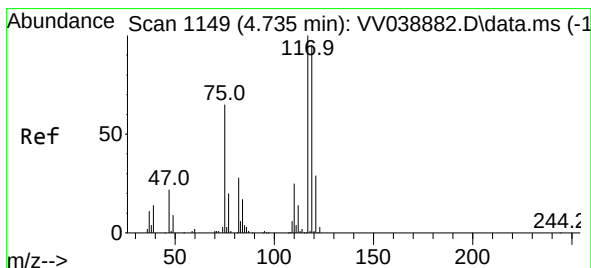
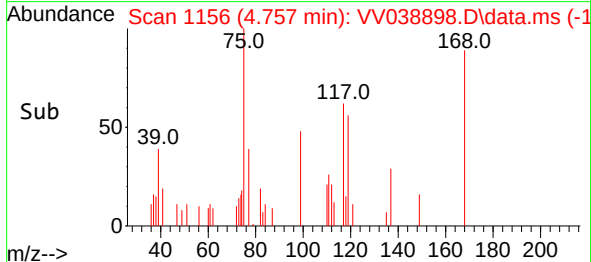
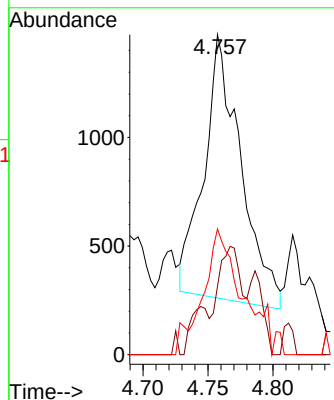
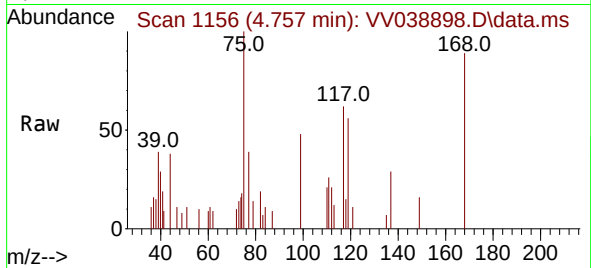




#36
 1,1-Dichloropropene
 Concen: 0.349 ug/l
 RT: 4.757 min Scan# 1156
 Delta R.T. 0.013 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

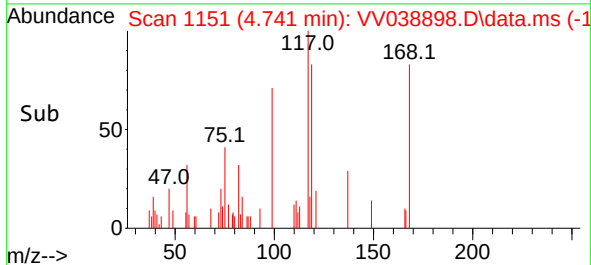
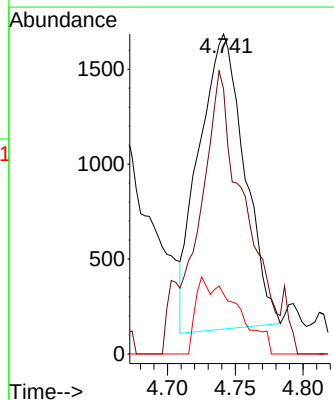
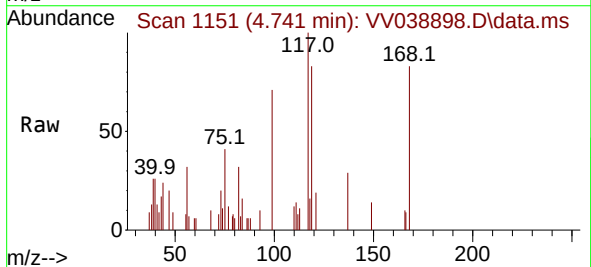
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

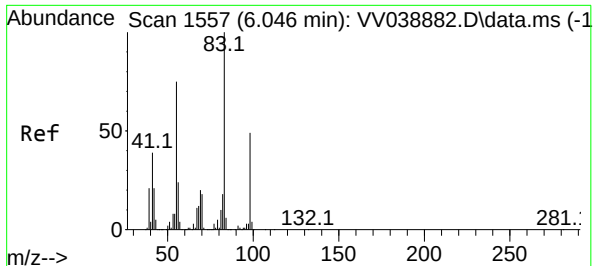
Tgt Ion: 75 Resp: 2391
 Ion Ratio Lower Upper
 75 100
 110 26.6 18.8 56.3
 77 52.2 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 0.402 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. 0.007 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

Tgt Ion: 117 Resp: 3655
 Ion Ratio Lower Upper
 117 100
 119 78.3 76.0 114.0
 121 20.6 23.1 34.7#





#39

Methylcyclohexane

Concen: 0.522 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

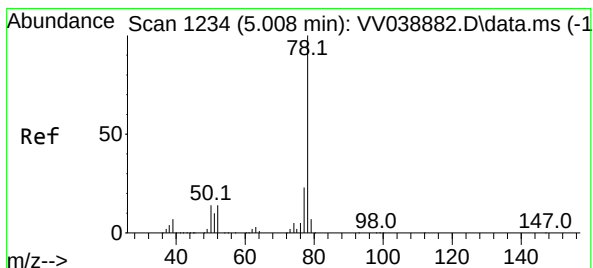
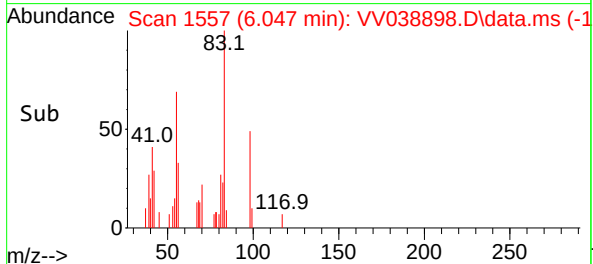
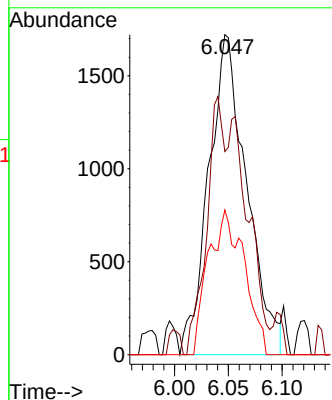
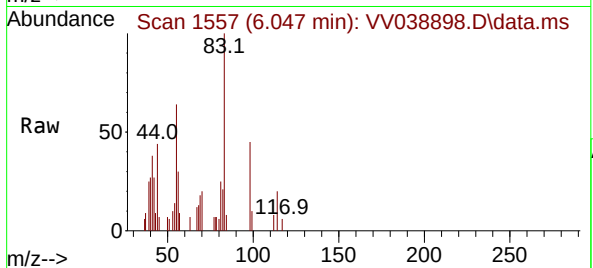
Tgt Ion: 83 Resp: 4221

Ion Ratio Lower Upper

83 100

55 57.4 60.0 90.0#

98 45.2 39.0 58.6



#40

Benzene

Concen: 0.441 ug/l

RT: 5.021 min Scan# 1238

Delta R.T. 0.013 min

Lab File: VV038898.D

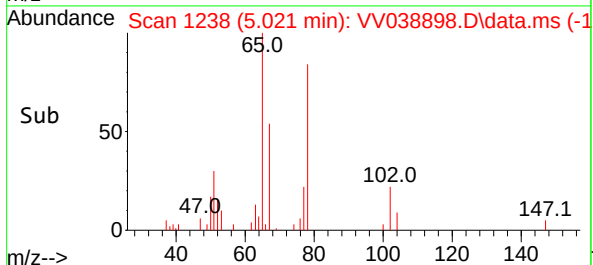
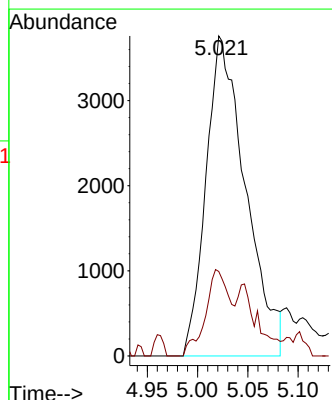
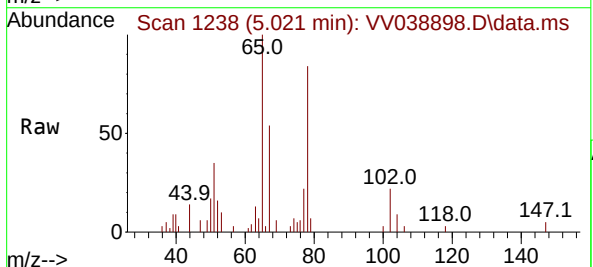
Acq: 15 Jul 2025 13:18

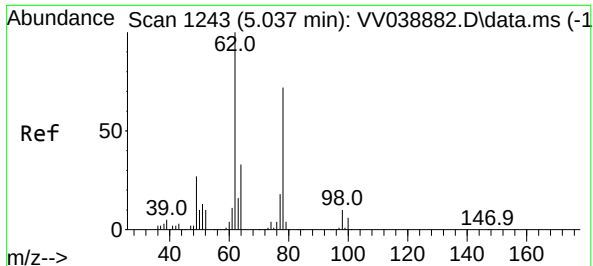
Tgt Ion: 78 Resp: 10244

Ion Ratio Lower Upper

78 100

77 26.4 18.6 28.0





#42

1,2-Dichloroethane

Concen: 0.370 ug/l

RT: 5.053 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

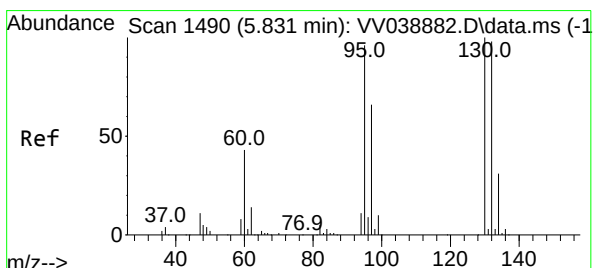
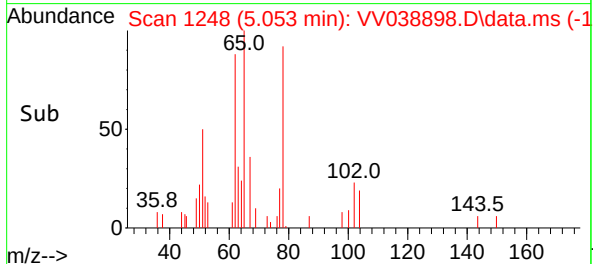
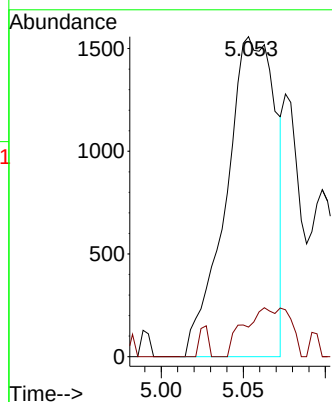
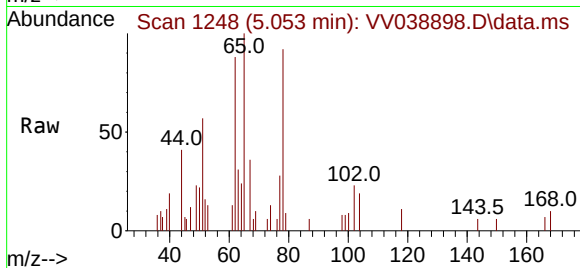
MDL02

Tgt Ion: 62 Resp: 3273

Ion Ratio Lower Upper

62 100

98 9.6 0.0 18.8



#44

Trichloroethene

Concen: 0.481 ug/l

RT: 5.854 min Scan# 1497

Delta R.T. 0.023 min

Lab File: VV038898.D

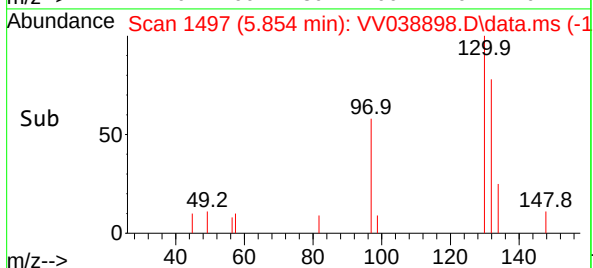
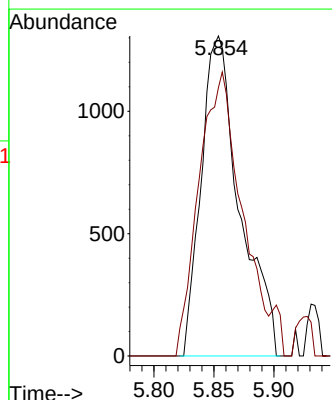
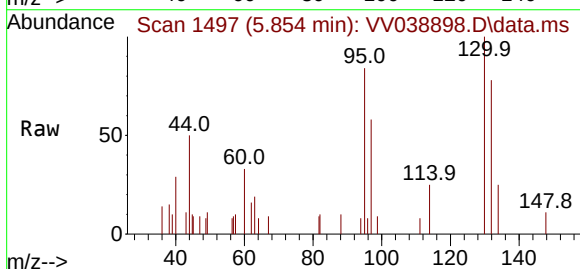
Acq: 15 Jul 2025 13:18

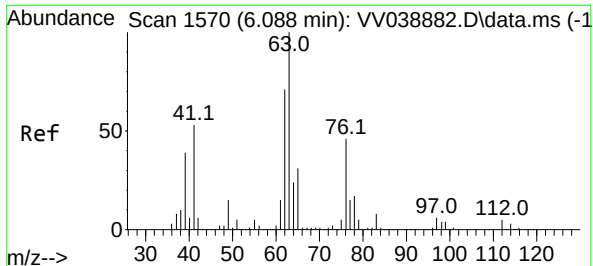
Tgt Ion:130 Resp: 2919

Ion Ratio Lower Upper

130 100

95 75.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.421 ug/l

RT: 6.117 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

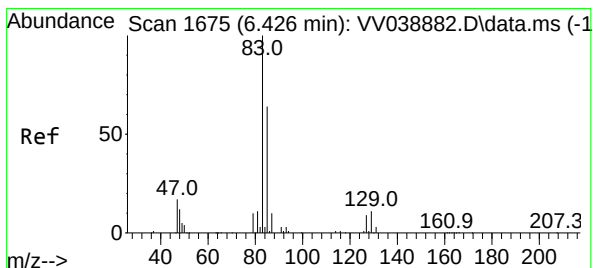
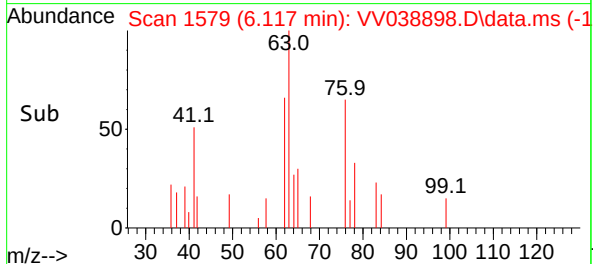
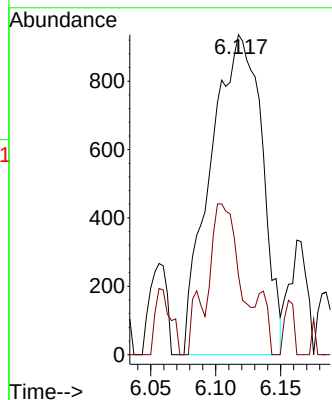
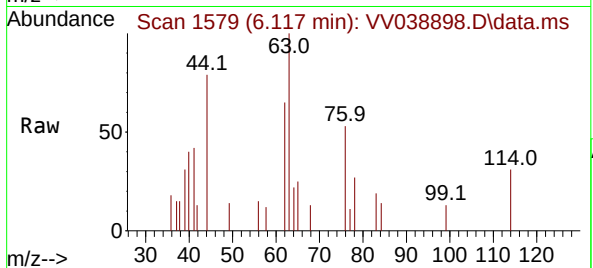
MDL02

Tgt Ion: 63 Resp: 2582

Ion Ratio Lower Upper

63 100

65 24.8 24.9 37.3#



#47

Bromodichloromethane

Concen: 0.293 ug/l

RT: 6.436 min Scan# 1678

Delta R.T. 0.010 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

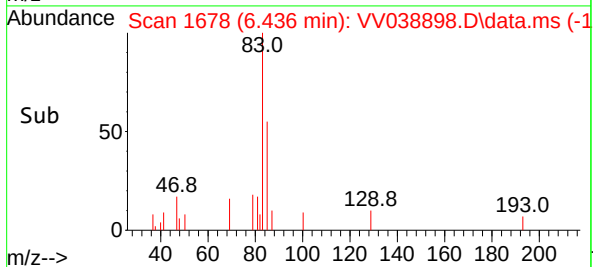
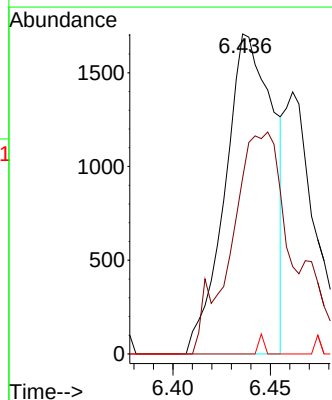
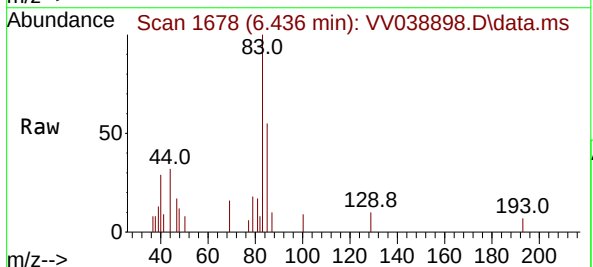
Tgt Ion: 83 Resp: 2953

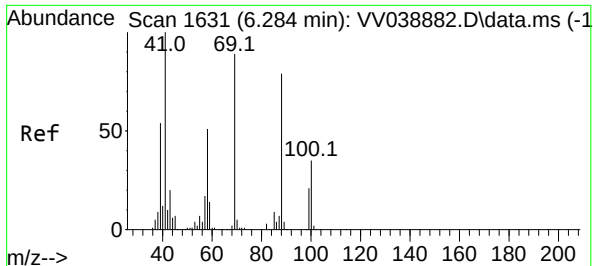
Ion Ratio Lower Upper

83 100

85 55.0 51.4 77.0

127 0.0 6.9 10.3#





#49

1,4-Dioxane

Concen: 1.904 ug/l

RT: 6.336 min Scan# 1

Delta R.T. 0.052 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

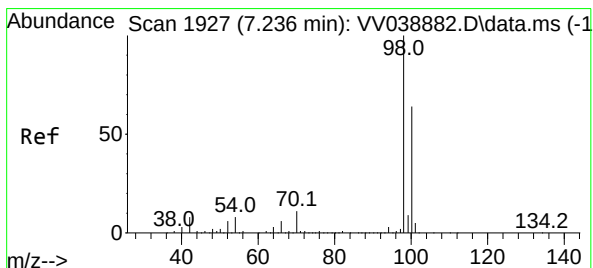
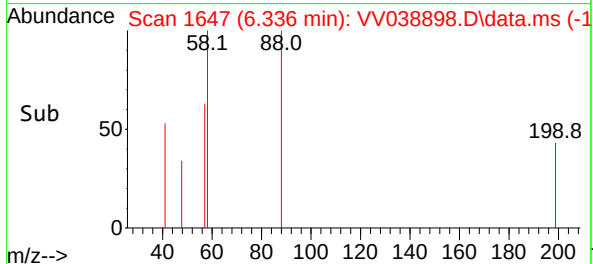
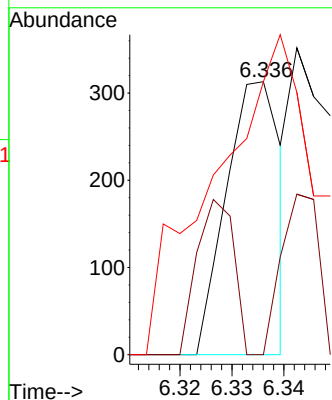
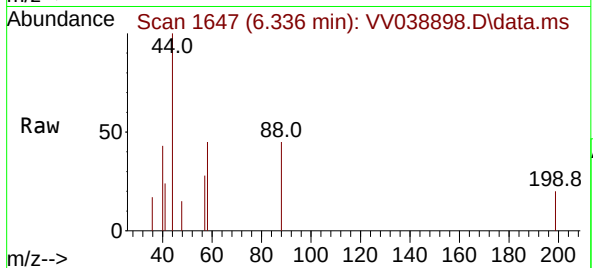
Tgt Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

43 40.1 23.0 34.4#

58 194.7 53.8 80.6#



#50

Toluene-d8

Concen: 52.095 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038898.D

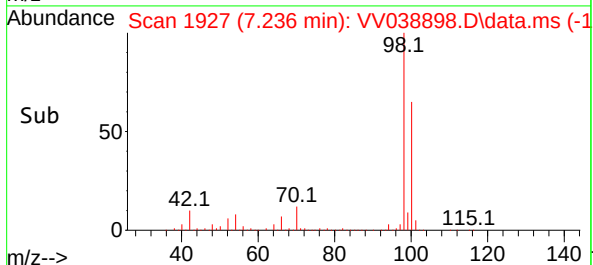
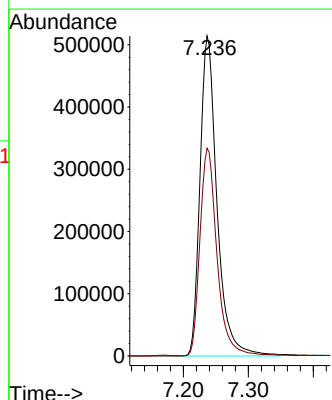
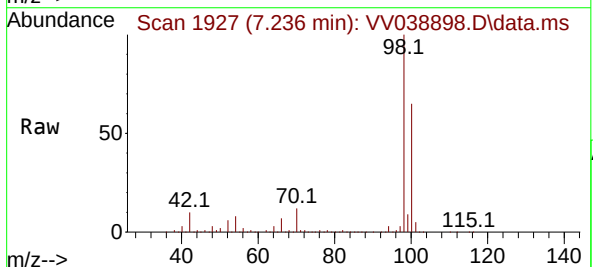
Acq: 15 Jul 2025 13:18

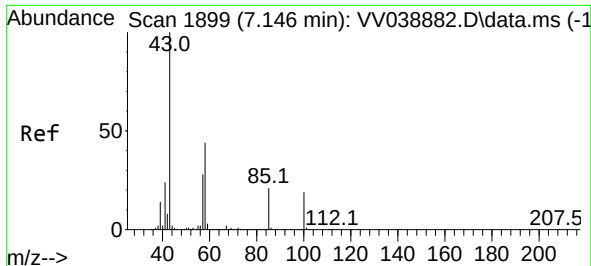
Tgt Ion: 98 Resp: 938450

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

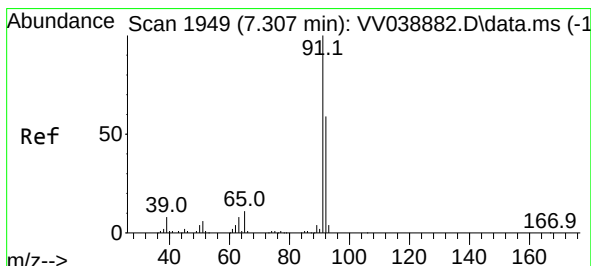
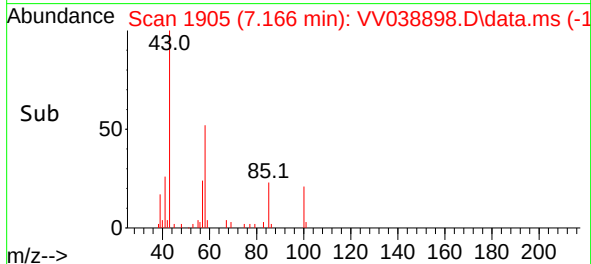
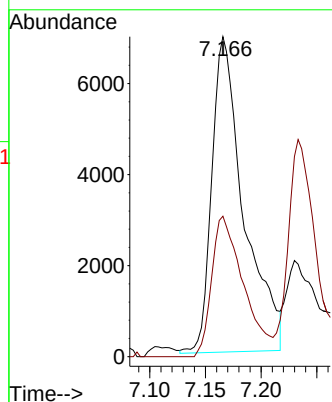
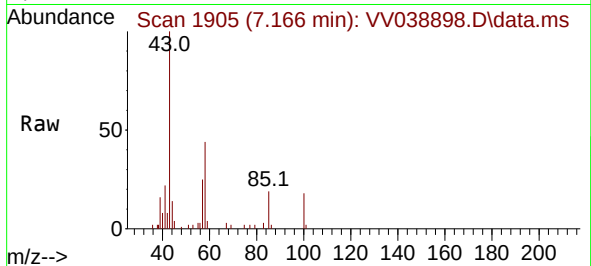




#51
4-Methyl-2-Pentanone
Concen: 1.591 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

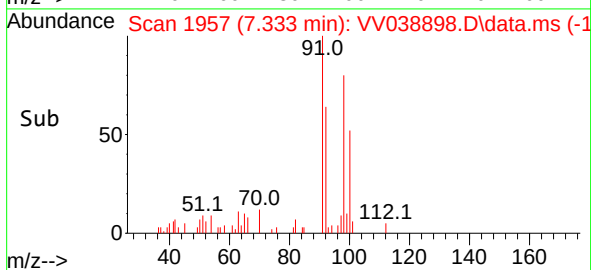
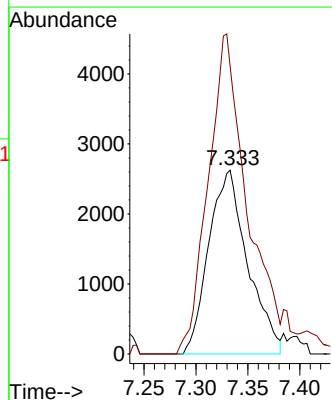
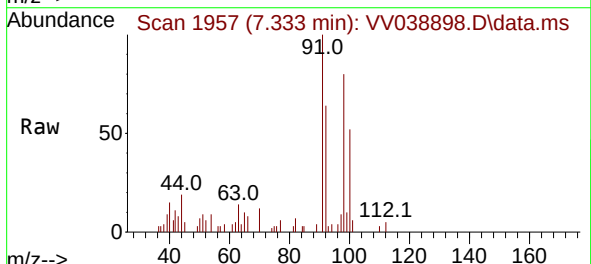
Instrument :
MSVOA_V
ClientSampleId :
MDL02

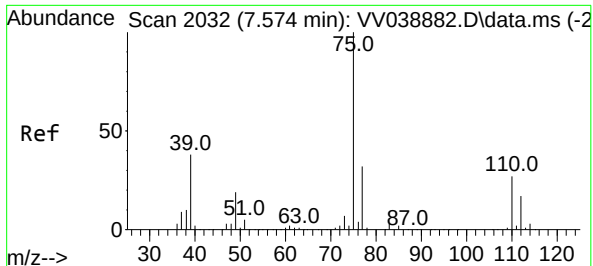
Tgt Ion: 43 Resp: 13819
Ion Ratio Lower Upper
43 100
58 44.3 34.5 51.7



#52
Toluene
Concen: 0.468 ug/l
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 92 Resp: 6839
Ion Ratio Lower Upper
92 100
91 172.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.398 ug/l

RT: 7.609 min Scan# 2032

Delta R.T. 0.036 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

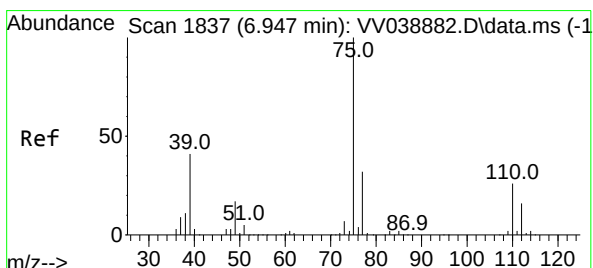
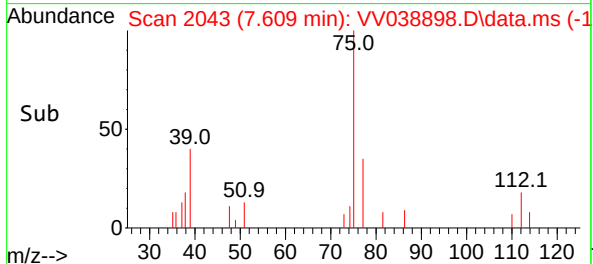
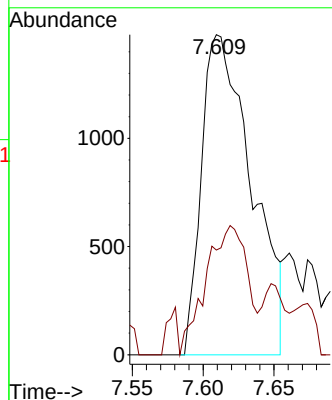
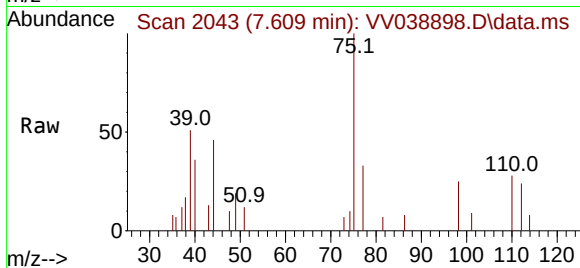
MDL02

Tgt Ion: 75 Resp: 3628

Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 0.343 ug/l

RT: 6.979 min Scan# 1847

Delta R.T. 0.032 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

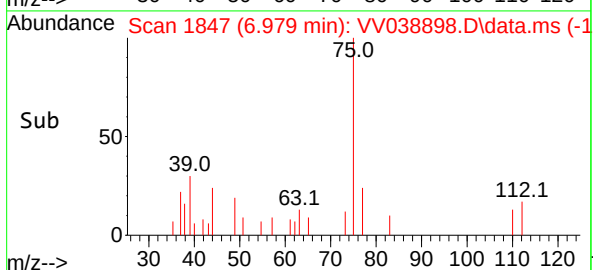
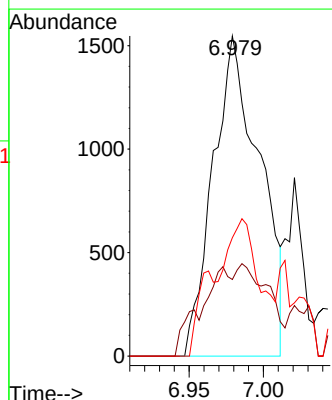
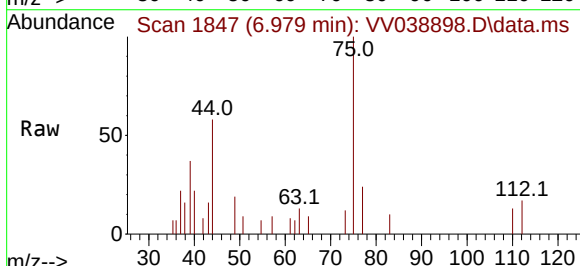
Tgt Ion: 75 Resp: 3378

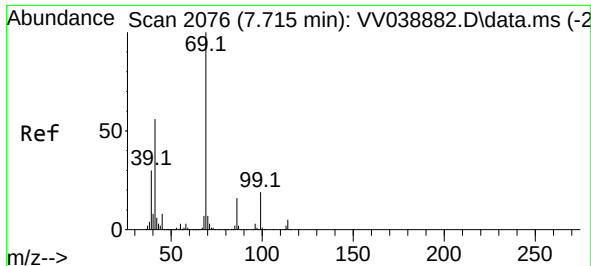
Ion Ratio Lower Upper

75 100

77 15.8 25.5 38.3#

39 37.0 33.1 49.7

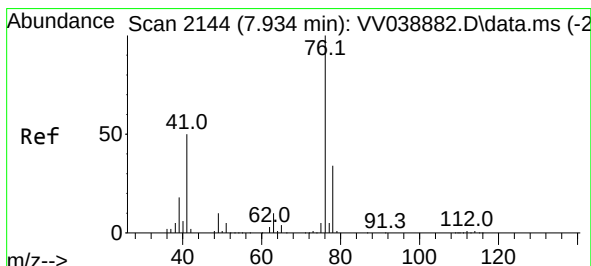
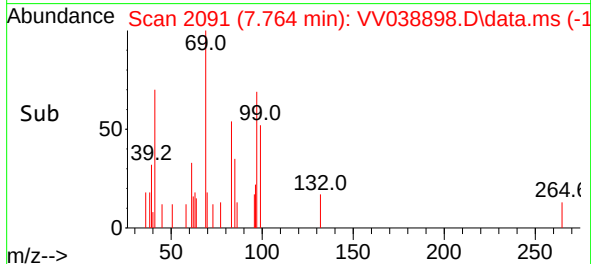
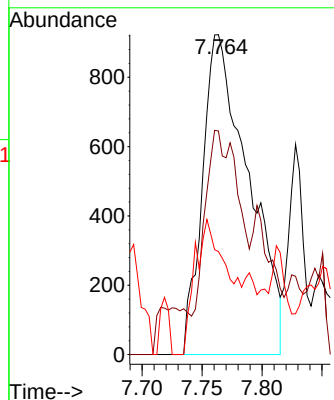
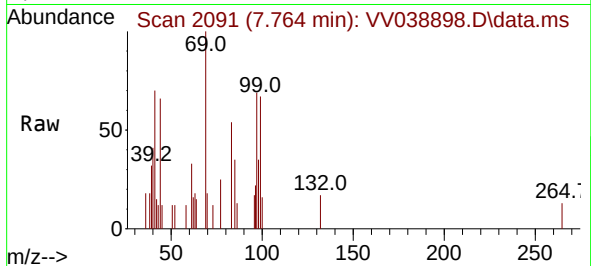




#56
Ethyl methacrylate
Concen: 0.297 ug/l
RT: 7.764 min Scan# 2076
Delta R.T. 0.048 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

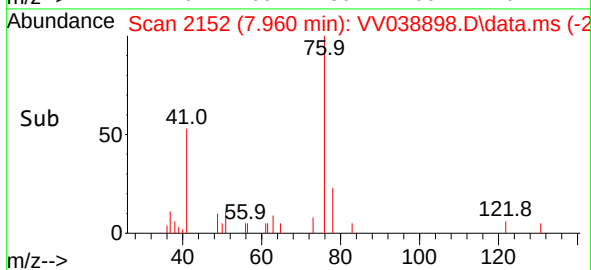
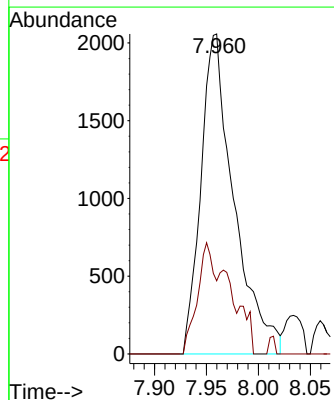
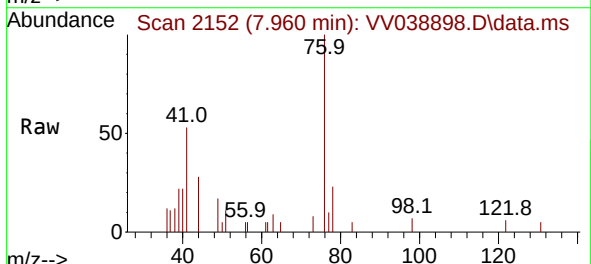
Instrument :
MSVOA_V
ClientSampleId :
MDL02

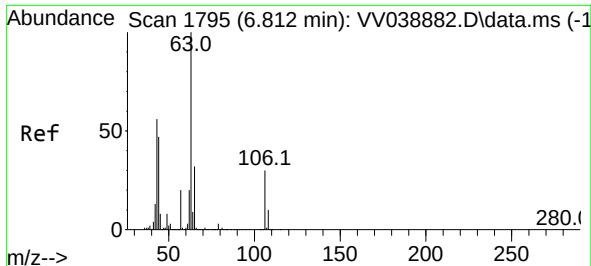
Tgt Ion: 69 Resp: 2467
Ion Ratio Lower Upper
69 100
41 41.1 45.7 68.5#
39 27.3 23.8 35.8



#57
1,3-Dichloropropane
Concen: 0.434 ug/l
RT: 7.960 min Scan# 2152
Delta R.T. 0.026 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 76 Resp: 4549
Ion Ratio Lower Upper
76 100
78 18.3 26.8 40.2#

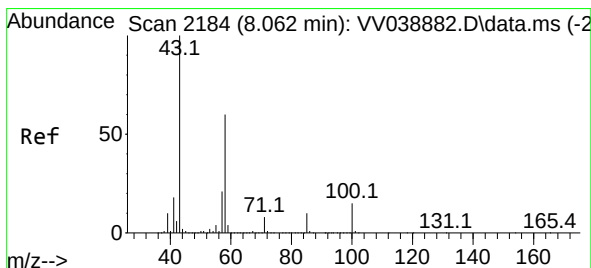
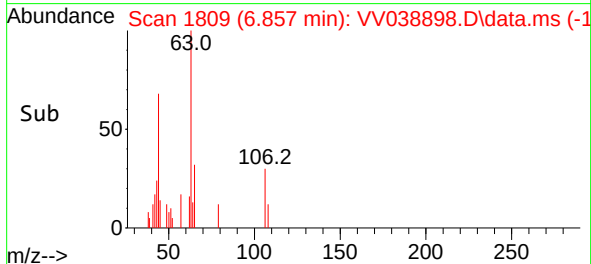
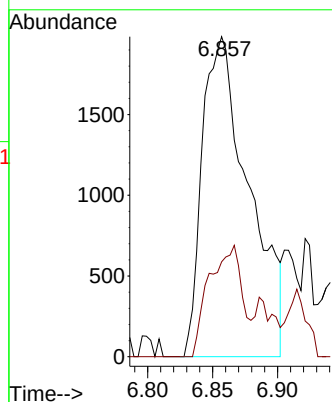
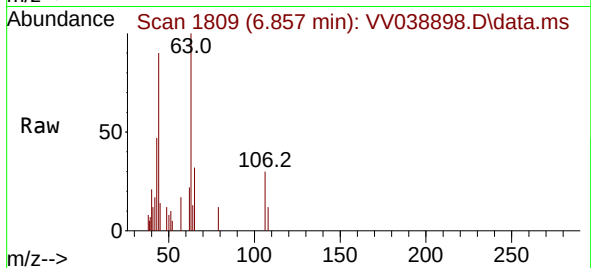




#58
2-Chloroethyl Vinyl ether
Concen: 0.987 ug/l
RT: 6.857 min Scan# 11
Delta R.T. 0.045 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

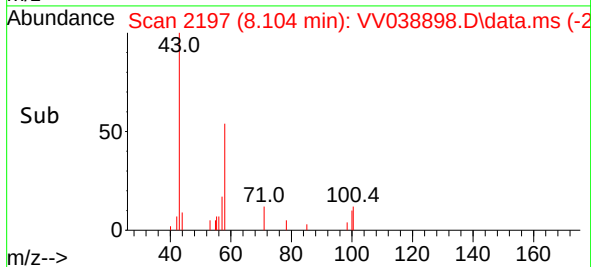
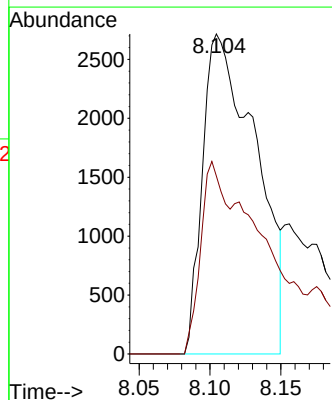
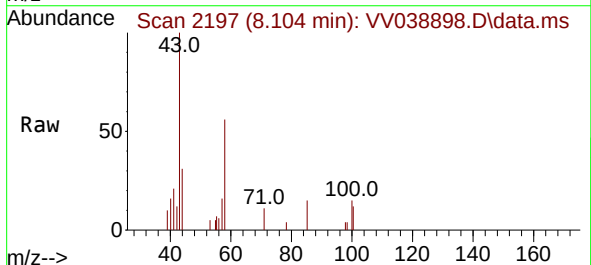
Instrument :
MSVOA_V
ClientSampleId :
MDL02

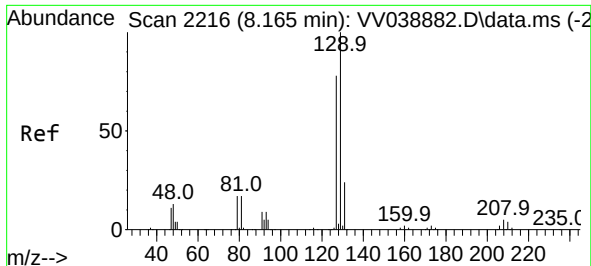
Tgt Ion: 63 Resp: 4948
Ion Ratio Lower Upper
63 100
106 24.7 24.1 36.1



#59
2-Hexanone
Concen: 1.095 ug/l
RT: 8.104 min Scan# 2197
Delta R.T. 0.042 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 43 Resp: 7079
Ion Ratio Lower Upper
43 100
58 29.6 29.6 88.8#

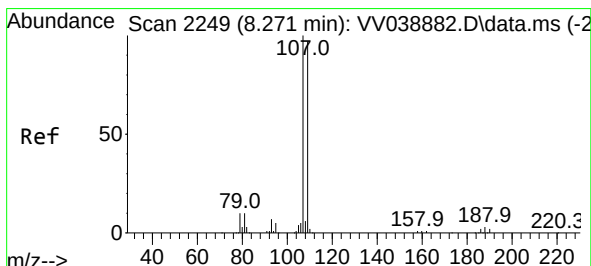
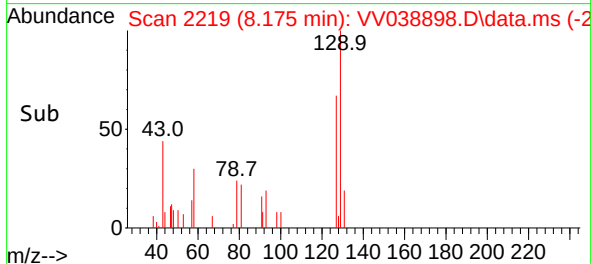
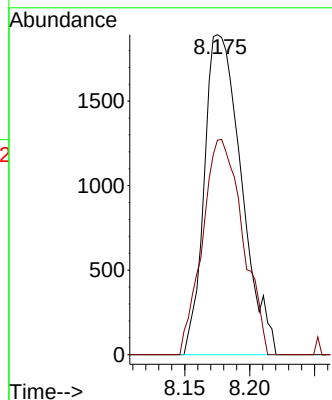
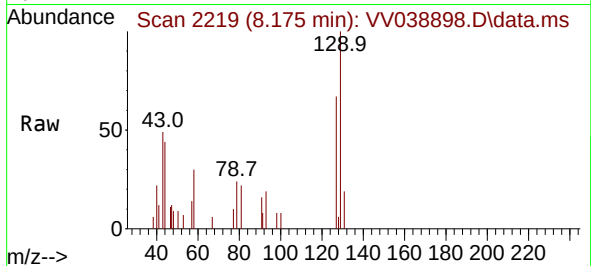




#60
Dibromochloromethane
Concen: 0.456 ug/l
RT: 8.175 min Scan# 211
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

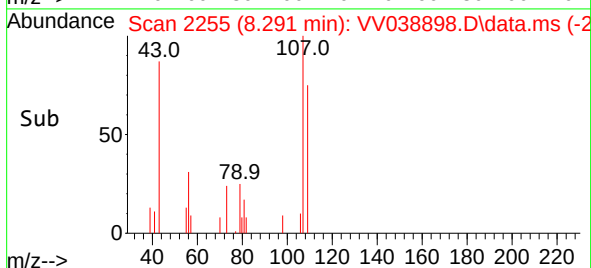
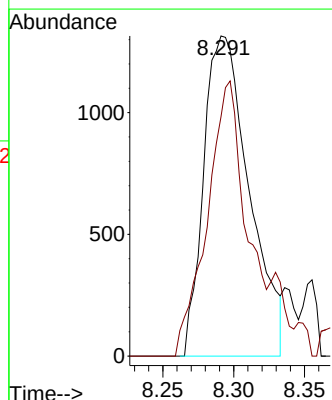
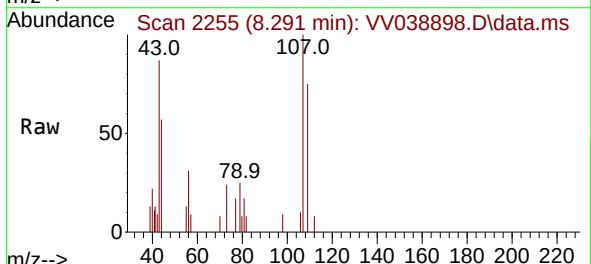
Instrument :
MSVOA_V
ClientSampleId :
MDL02

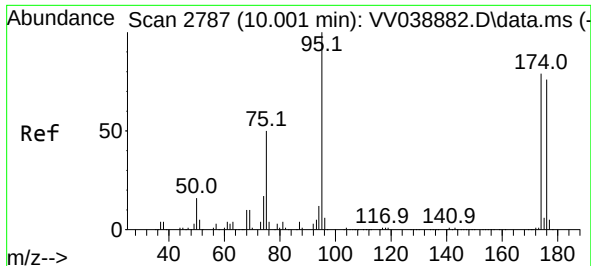
Tgt Ion:129 Resp: 3757
Ion Ratio Lower Upper
129 100
127 73.0 39.4 118.2



#61
1,2-Dibromoethane
Concen: 0.418 ug/l
RT: 8.291 min Scan# 2255
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:107 Resp: 2942
Ion Ratio Lower Upper
107 100
109 73.3 77.1 115.7#

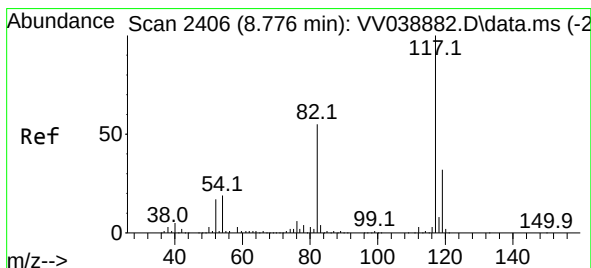
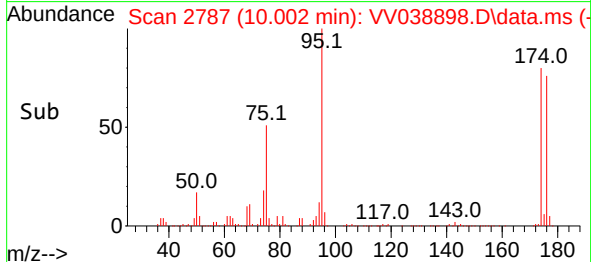
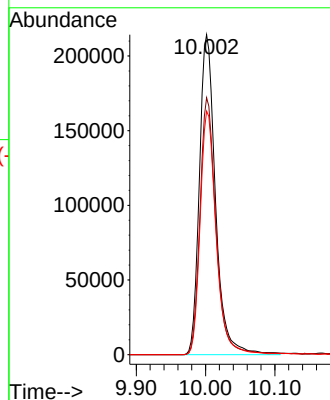
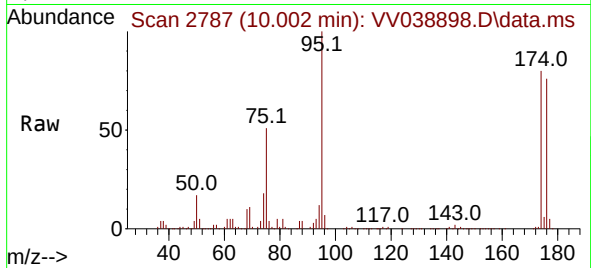




#62
4-Bromofluorobenzene
Concen: 47.747 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

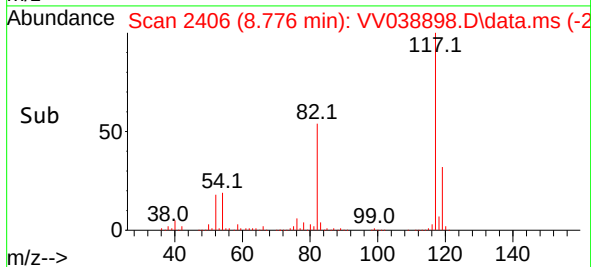
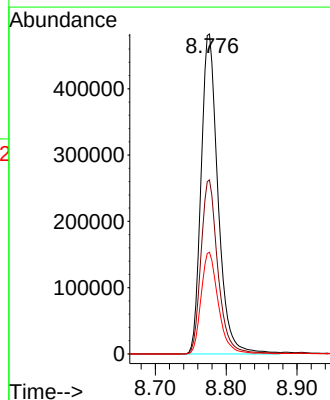
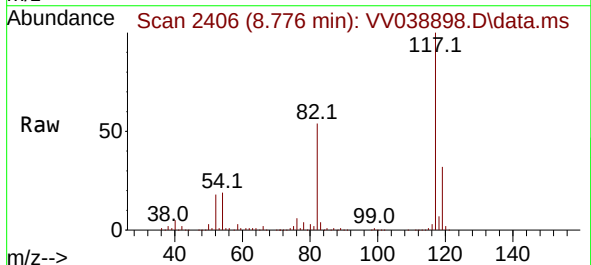
Instrument :
MSVOA_V
ClientSampleId :
MDL02

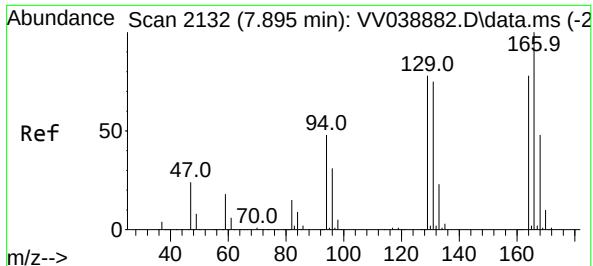
Tgt Ion: 95 Resp: 346493
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 75.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 117 Resp: 800283
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 31.8 25.4 38.0

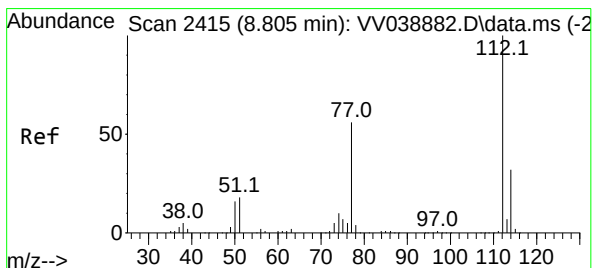
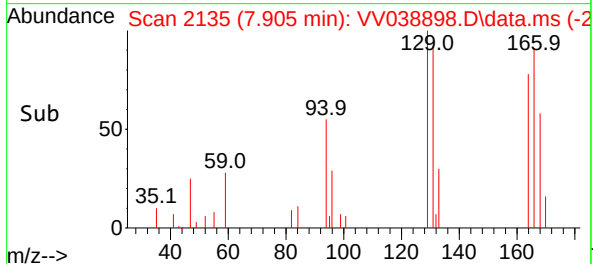
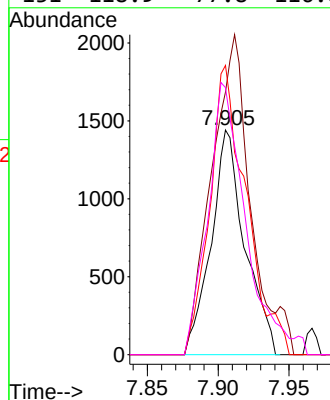
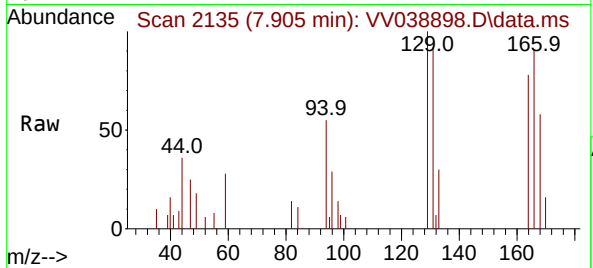




#64
Tetrachloroethene
Concen: 0.456 ug/l
RT: 7.905 min Scan# 2132
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

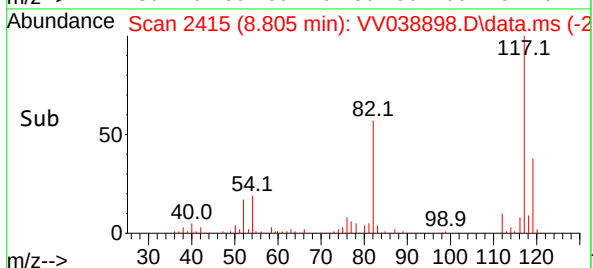
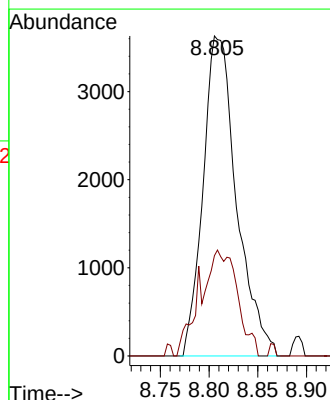
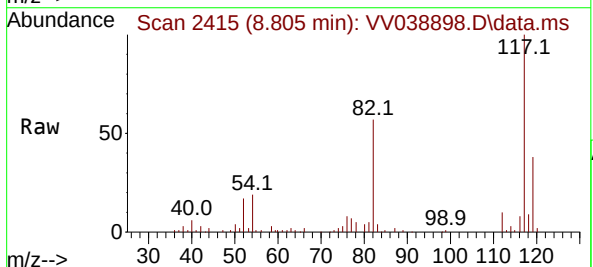
Instrument :
MSVOA_V
ClientSampleId :
MDL02

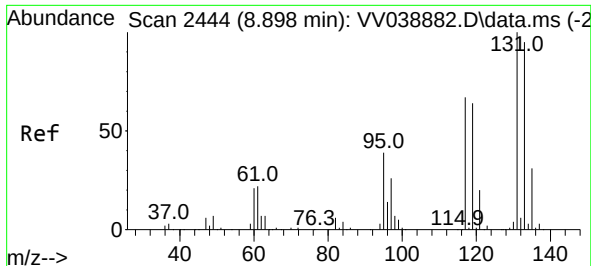
Tgt Ion:164	Resp:	2395	
Ion	Ratio	Lower	Upper
164	100		
166	116.9	103.2	154.8
129	128.8	81.0	121.4#
131	118.9	77.8	116.8#



#65
Chlorobenzene
Concen: 0.497 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:112	Resp:	8693	
Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.3	37.9

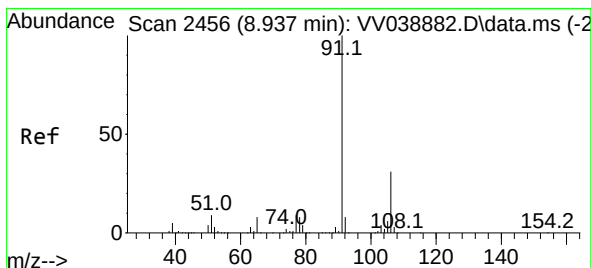
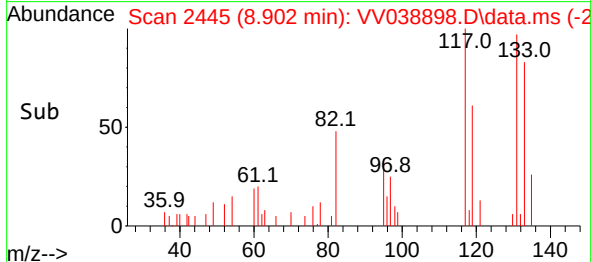
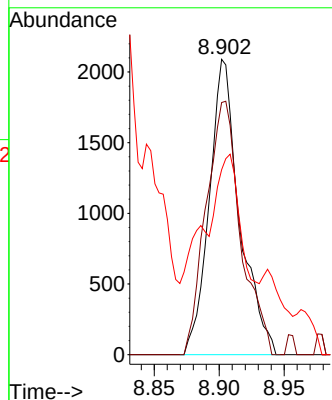
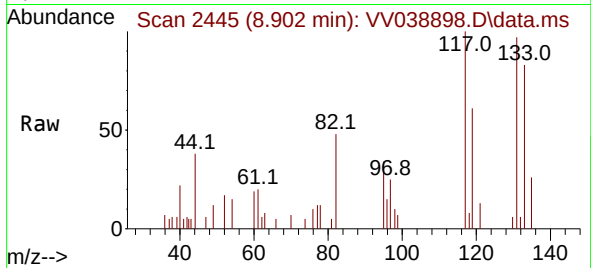




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.486 ug/l
 RT: 8.902 min Scan# 2444
 Delta R.T. 0.003 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

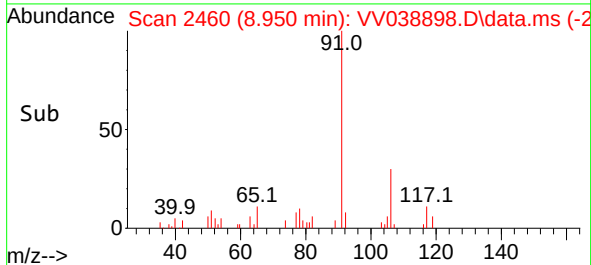
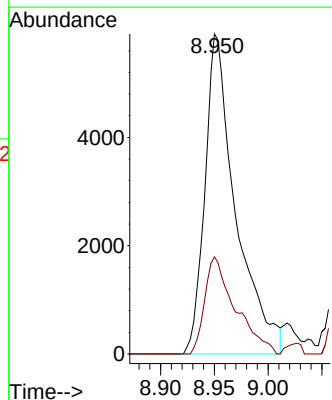
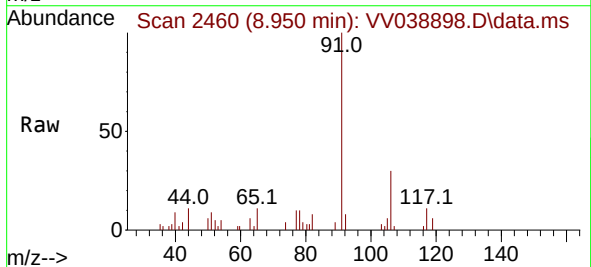
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

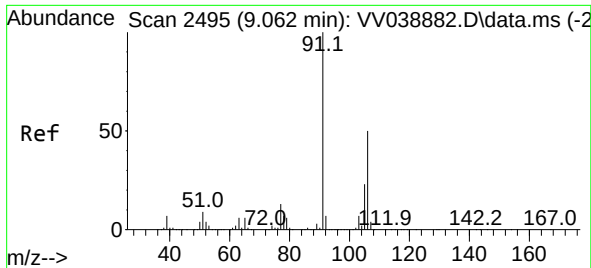
Tgt Ion:131 Resp: 3387
 Ion Ratio Lower Upper
 131 100
 133 98.0 47.6 142.9
 119 0.0 32.0 96.2#



#67
 Ethyl Benzene
 Concen: 0.453 ug/l
 RT: 8.950 min Scan# 2460
 Delta R.T. 0.013 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

Tgt Ion: 91 Resp: 11756
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.8 37.2

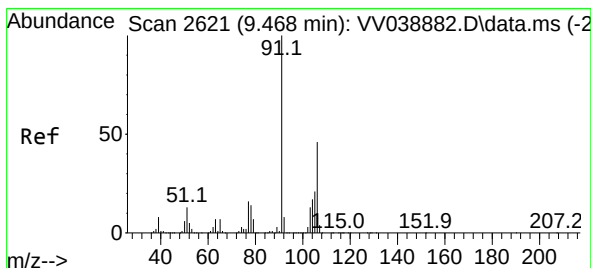
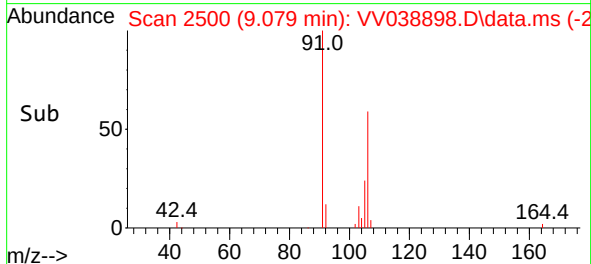
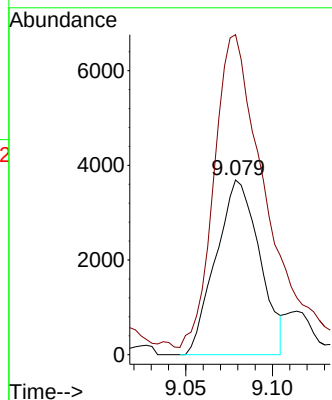
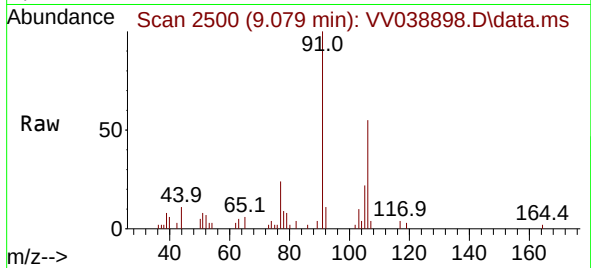




#68
m/p-Xylenes
Concen: 0.641 ug/l
RT: 9.079 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

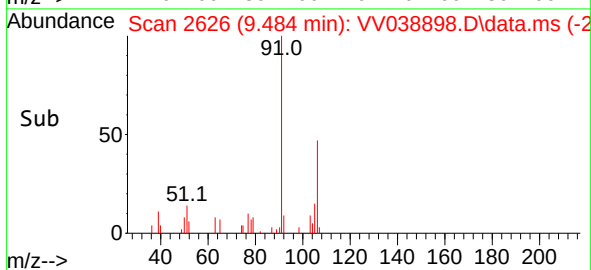
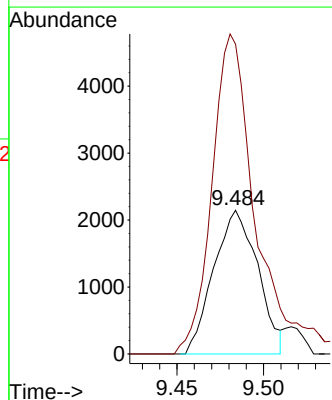
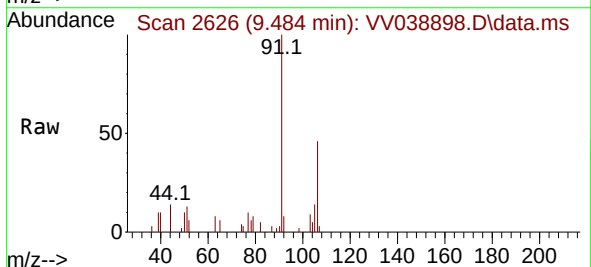
Instrument :
MSVOA_V
ClientSampleId :
MDL02

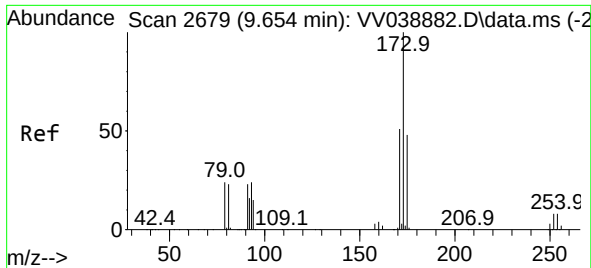
Tgt Ion:106 Resp: 6482
Ion Ratio Lower Upper
106 100
91 210.3 161.0 241.6



#69
o-Xylene
Concen: 0.398 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.016 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:106 Resp: 3801
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.6

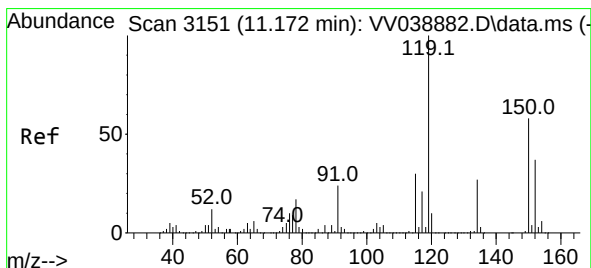
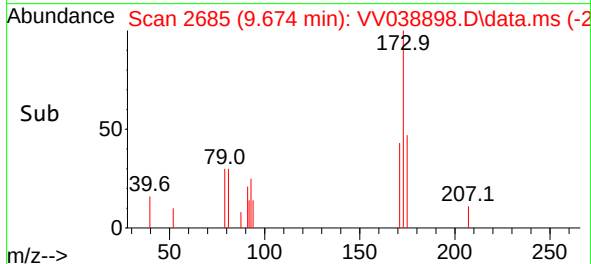
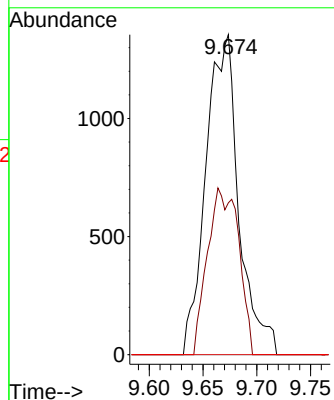
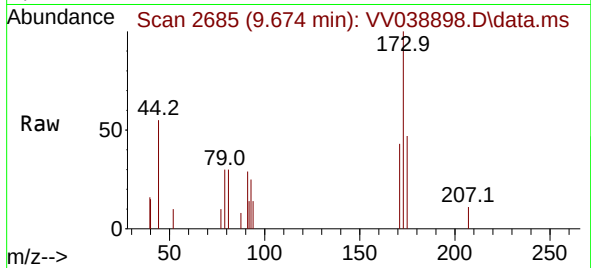




#71
Bromoform
Concen: 0.508 ug/l
RT: 9.674 min Scan# 2
Delta R.T. 0.020 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

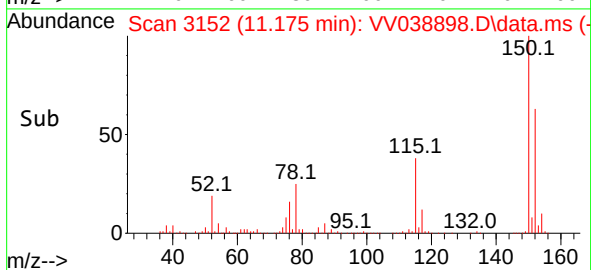
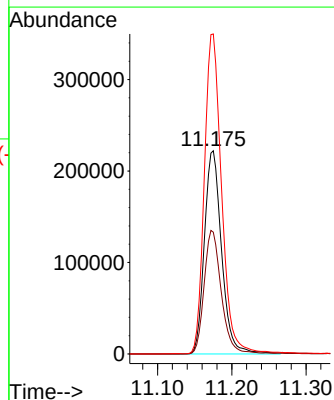
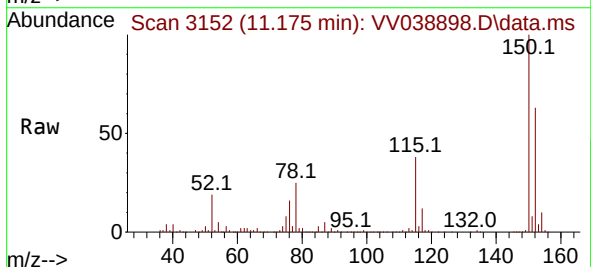
Instrument :
MSVOA_V
ClientSampleId :
MDL02

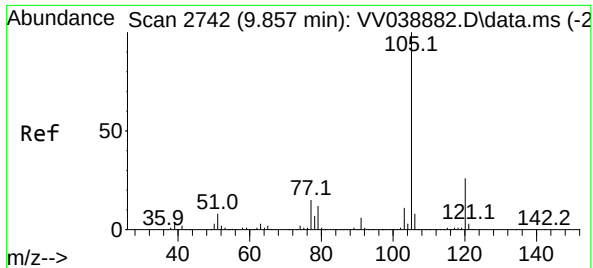
Tgt Ion:173 Resp: 2880
Ion Ratio Lower Upper
173 100
175 28.5 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:152 Resp: 358143
Ion Ratio Lower Upper
152 100
115 60.5 41.8 125.4
150 158.3 0.0 342.4

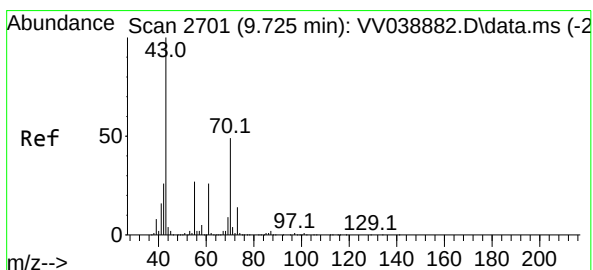
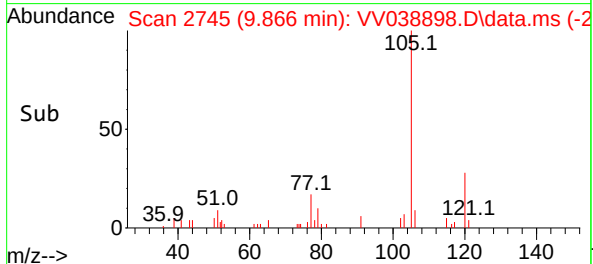
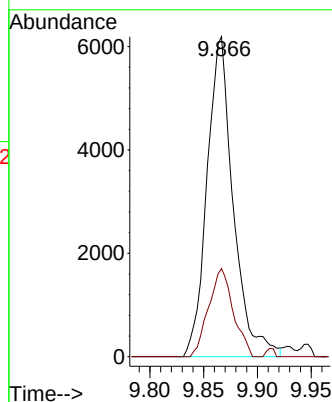
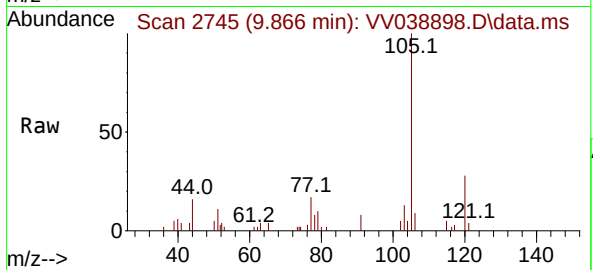




#73
Isopropylbenzene
Concen: 0.490 ug/l
RT: 9.866 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

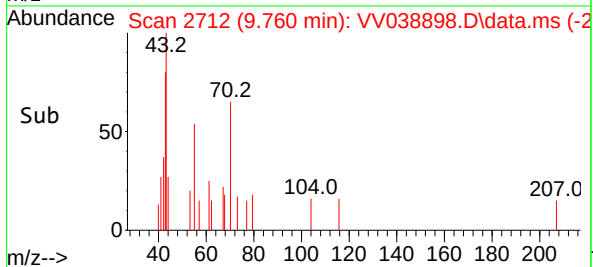
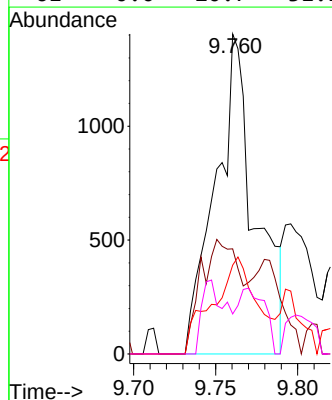
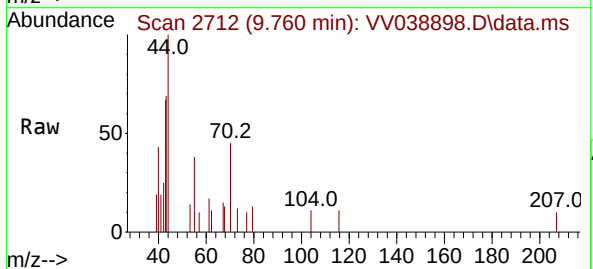
Instrument :
MSVOA_V
ClientSampleId :
MDL02

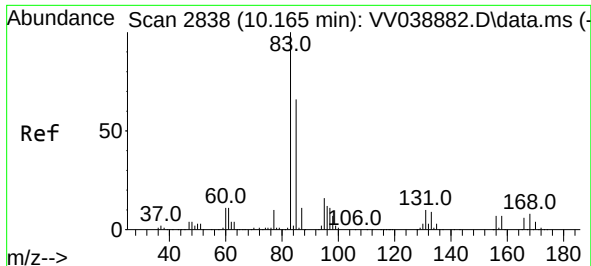
Tgt Ion:105 Resp: 10493
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 0.299 ug/l
RT: 9.760 min Scan# 2712
Delta R.T. 0.036 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
70 33.7 38.6 58.0#
55 34.0 21.8 32.8#
61 0.0 20.7 31.1#

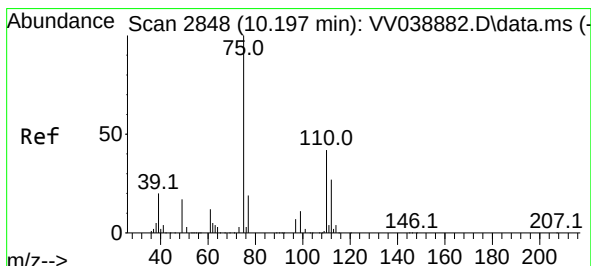
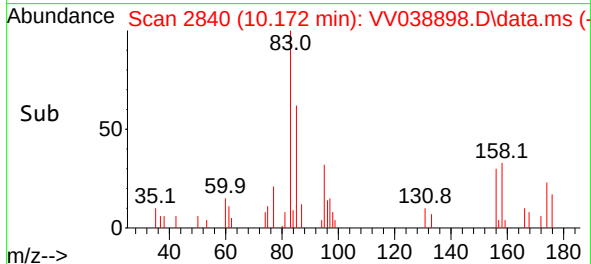
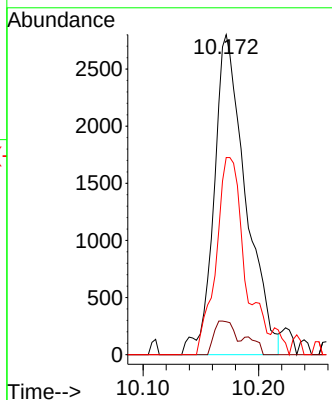
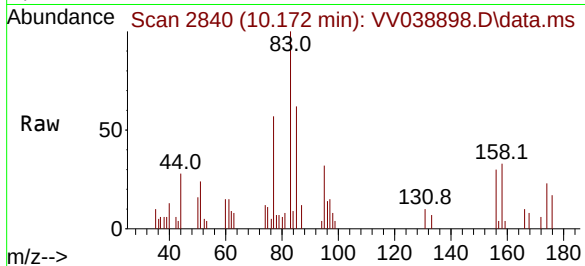




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.595 ug/l
 RT: 10.172 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

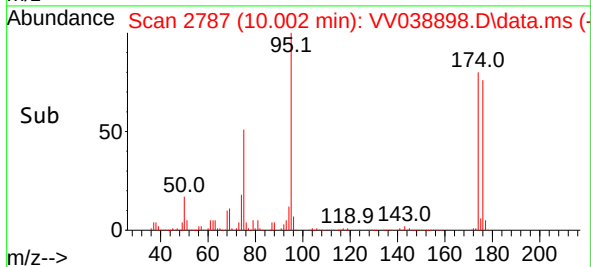
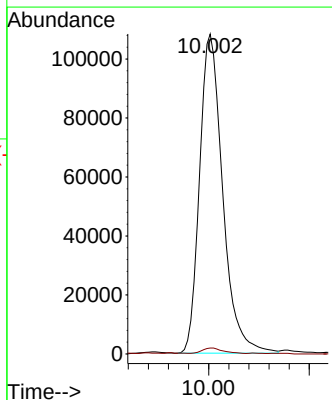
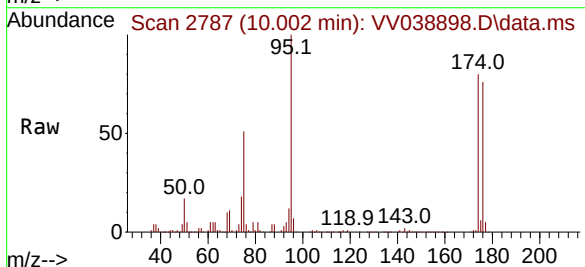
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

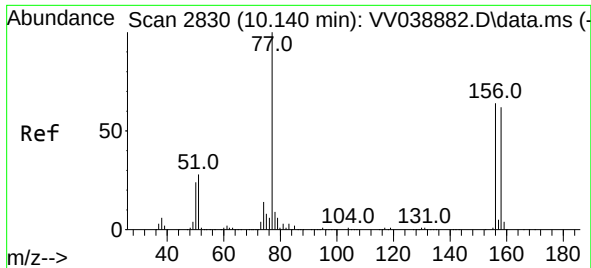
Tgt Ion: 83 Resp: 5333
 Ion Ratio Lower Upper
 83 100
 131 7.0 5.1 15.4
 85 56.4 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 25.973 ug/l
 RT: 10.002 min Scan# 2787
 Delta R.T. -0.196 min
 Lab File: VV038898.D
 Acq: 15 Jul 2025 13:18

Tgt Ion: 75 Resp: 172948
 Ion Ratio Lower Upper
 75 100
 77 1.7 17.4 52.3#

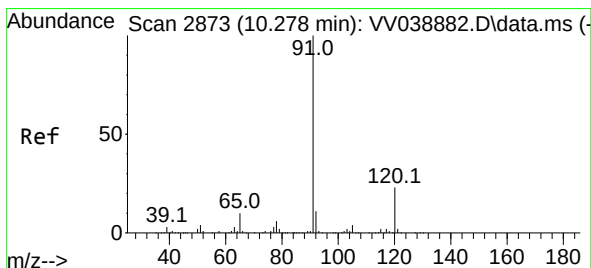
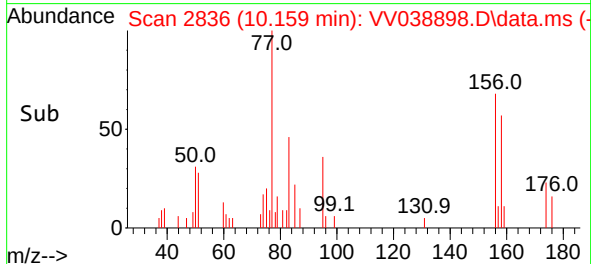
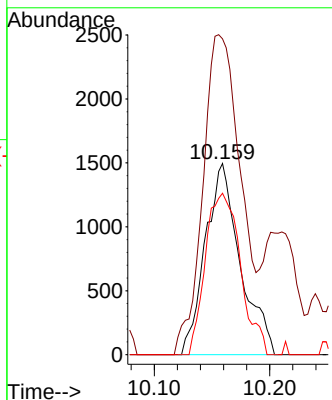
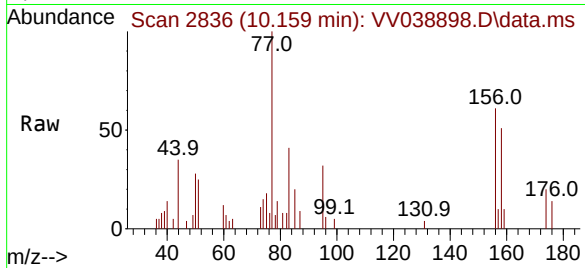




#77
Bromobenzene
Concen: 0.560 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

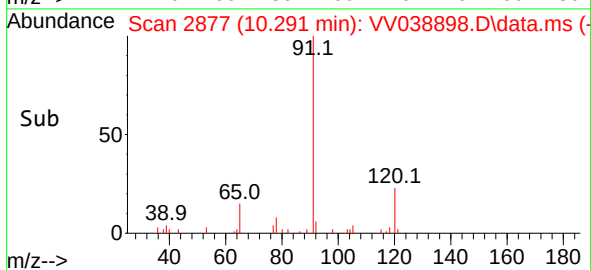
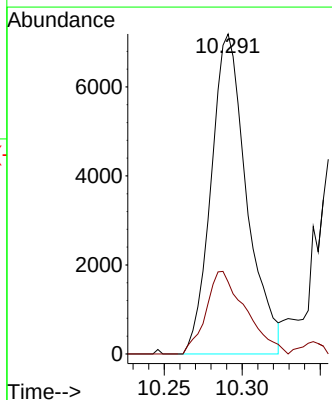
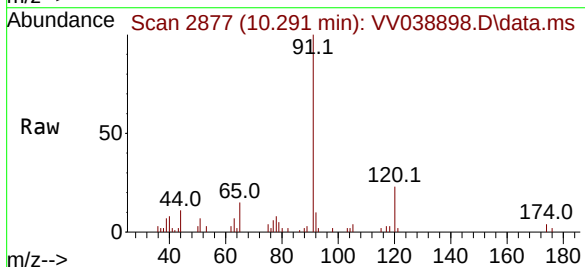
Instrument :
MSVOA_V
ClientSampleId :
MDL02

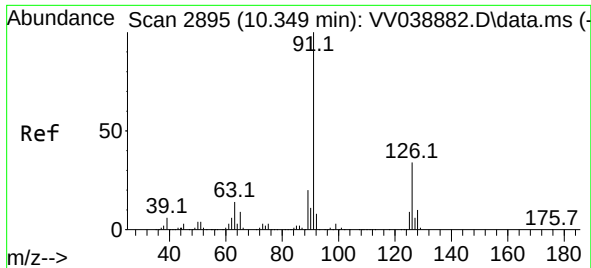
Tgt Ion:156 Resp: 3145
Ion Ratio Lower Upper
156 100
77 179.4 77.2 231.6
158 84.7 48.4 145.3



#78
n-propylbenzene
Concen: 0.457 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 91 Resp: 11436
Ion Ratio Lower Upper
91 100
120 28.6 11.6 34.8

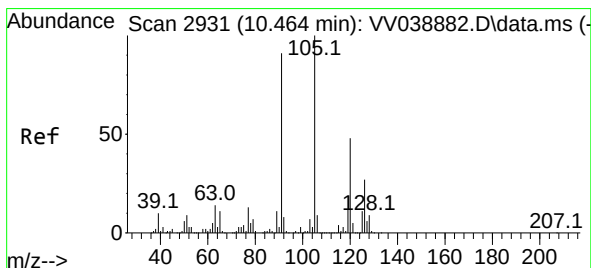
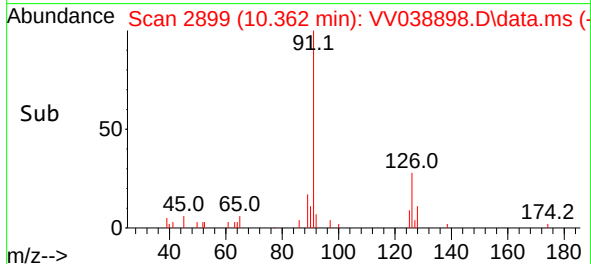
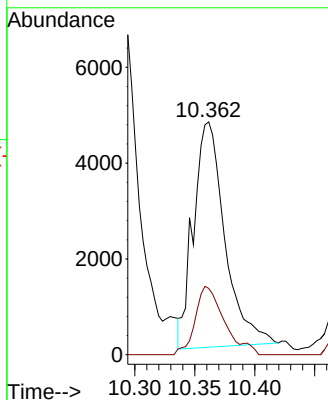
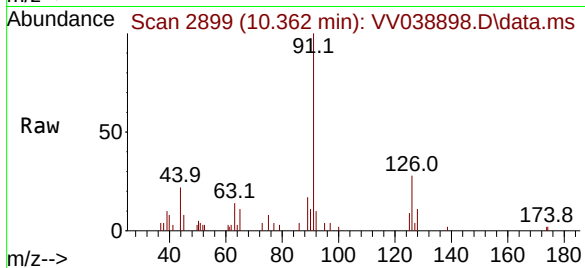




#79
2-Chlorotoluene
Concen: 0.539 ug/l
RT: 10.362 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

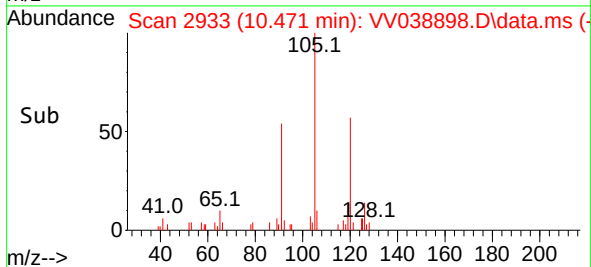
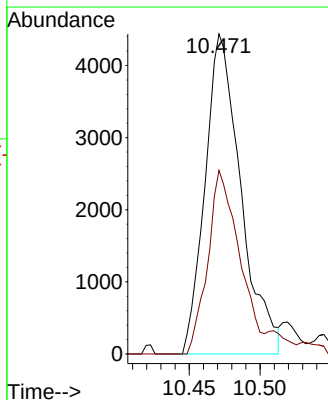
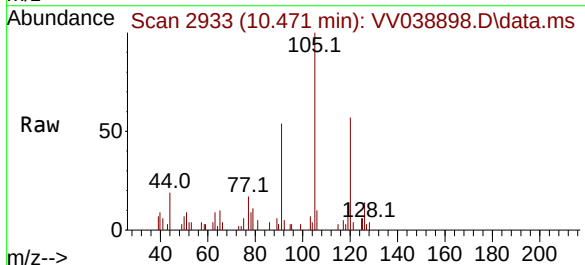
Instrument :
MSVOA_V
ClientSampleId :
MDL02

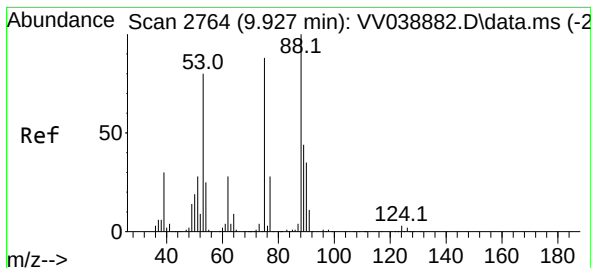
Tgt Ion: 91 Resp: 8579
Ion Ratio Lower Upper
91 100
126 28.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.431 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.007 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 105 Resp: 7779
Ion Ratio Lower Upper
105 100
120 50.9 24.0 72.0

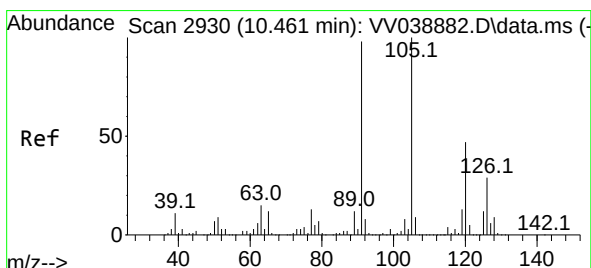
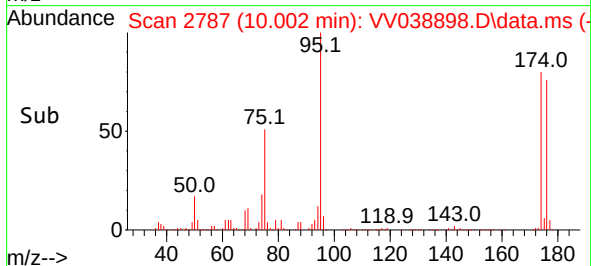
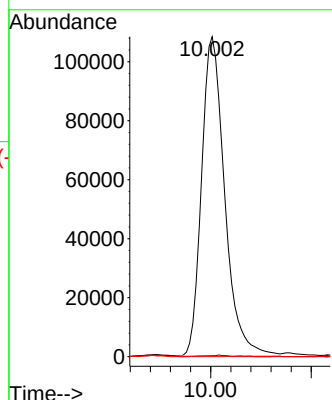
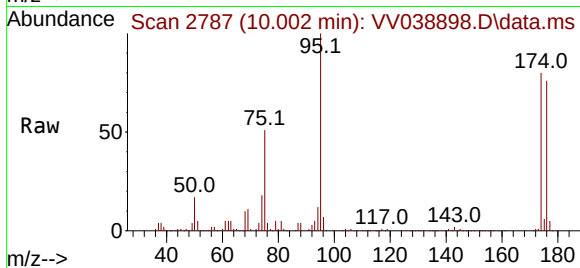




#81
trans-1,4-Dichloro-2-butene
Concen: 63.382 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

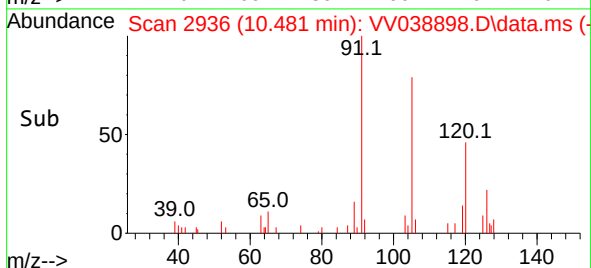
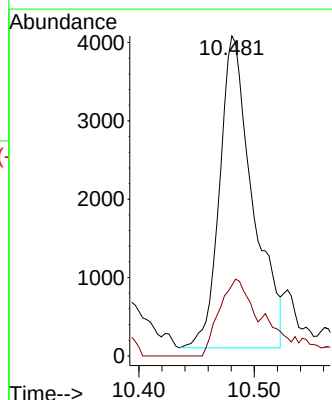
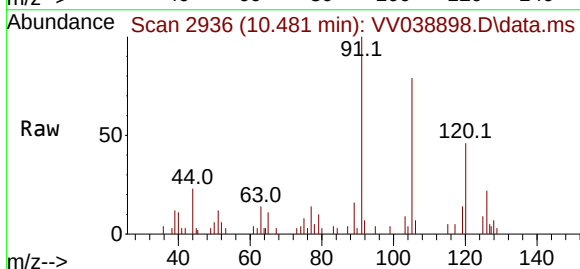
Instrument :
MSVOA_V
ClientSampleId :
MDL02

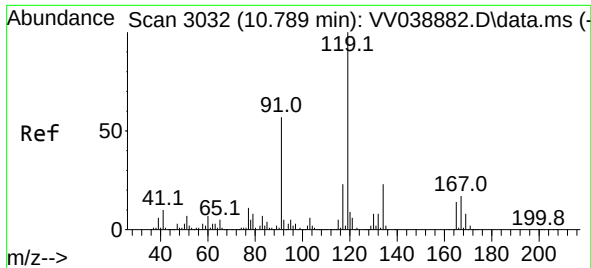
Tgt Ion: 75 Resp: 172948
Ion Ratio Lower Upper
75 100
53 0.4 71.3 106.9#
89 0.0 42.2 63.2#



#82
4-Chlorotoluene
Concen: 0.445 ug/l
RT: 10.481 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 91 Resp: 7914
Ion Ratio Lower Upper
91 100
126 23.3 14.9 44.9

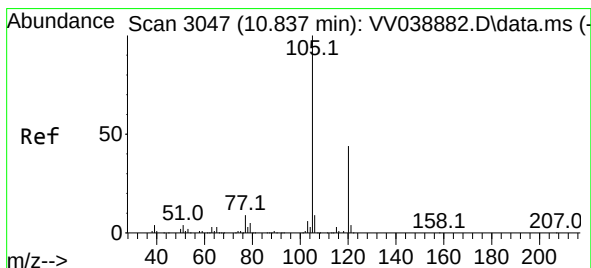
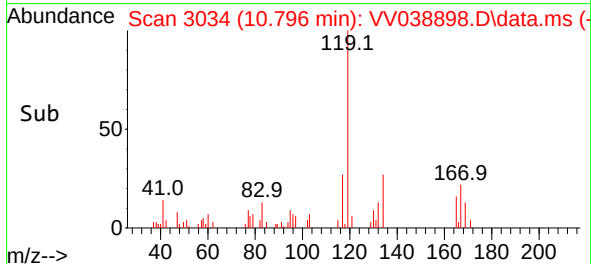
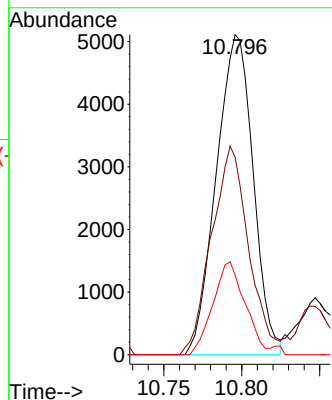
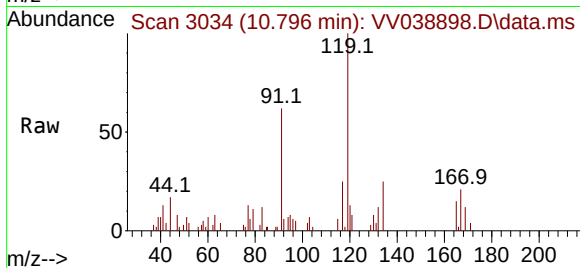




#83
tert-Butylbenzene
Concen: 0.444 ug/l
RT: 10.796 min Scan# 3032
Delta R.T. 0.007 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

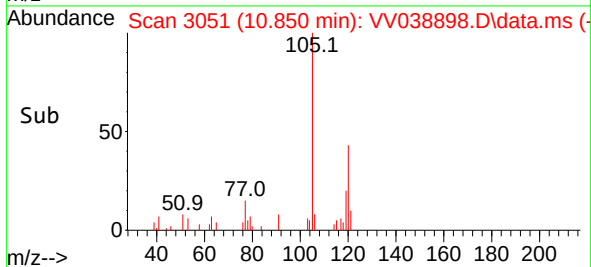
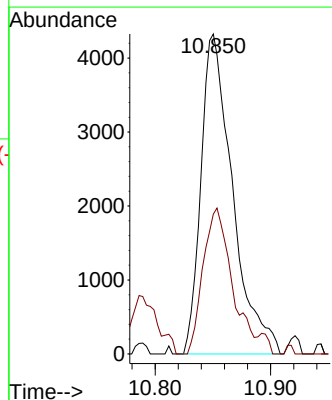
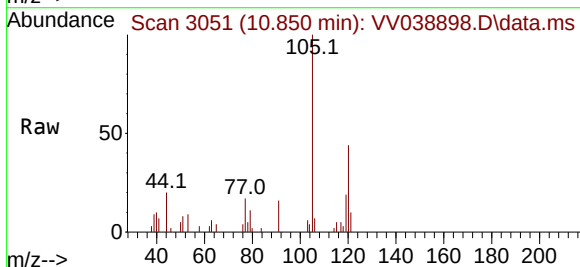
Instrument :
MSVOA_V
ClientSampleId :
MDL02

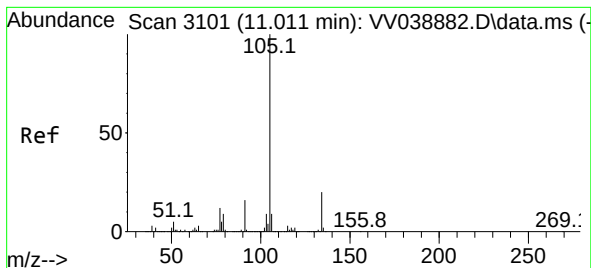
Tgt Ion:	119	Resp:	8405
Ion	Ratio	Lower	Upper
119	100		
91	65.5	28.1	84.2
134	25.4	11.4	34.1



#84
1,2,4-Trimethylbenzene
Concen: 0.462 ug/l
RT: 10.850 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:	105	Resp:	8208
Ion	Ratio	Lower	Upper
105	100		
120	42.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 0.416 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

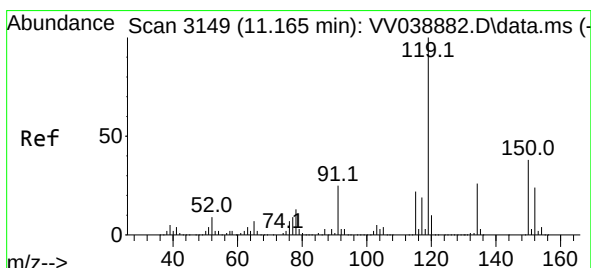
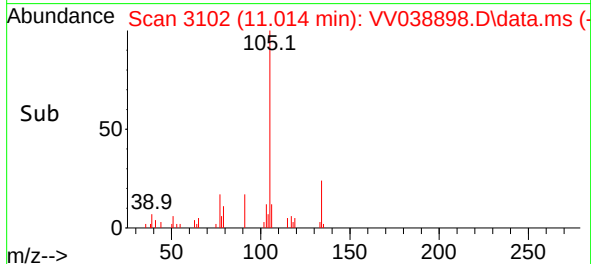
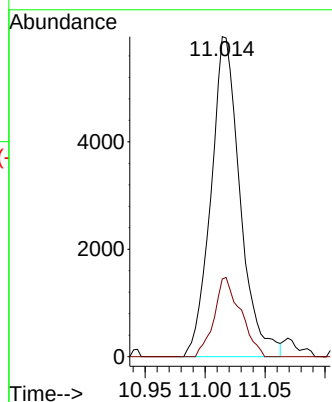
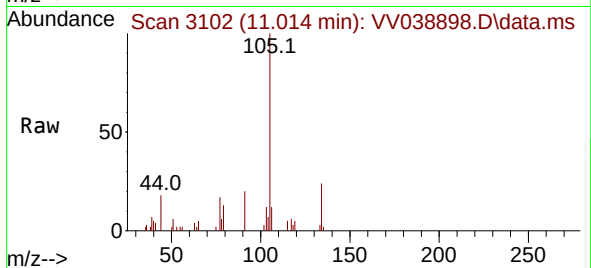
MDL02

Tgt Ion:105 Resp: 10055

Ion Ratio Lower Upper

105 100

134 22.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.435 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

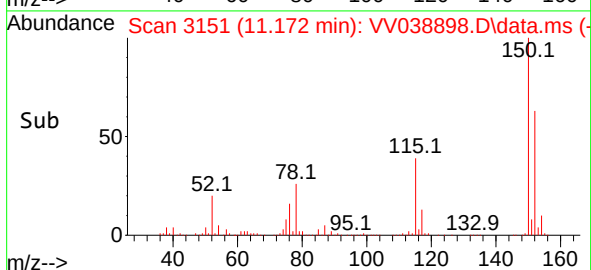
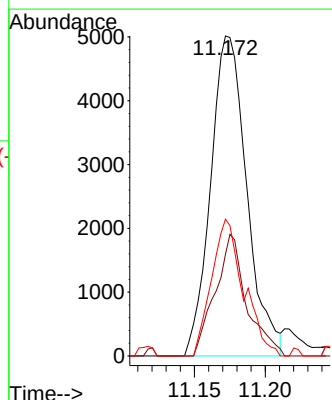
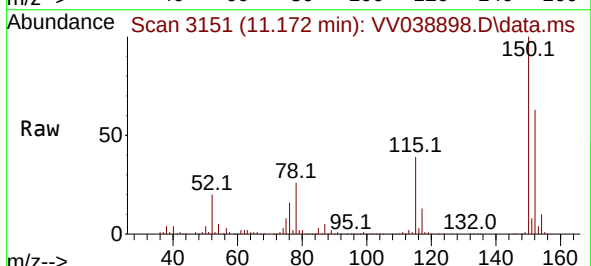
Tgt Ion:119 Resp: 8914

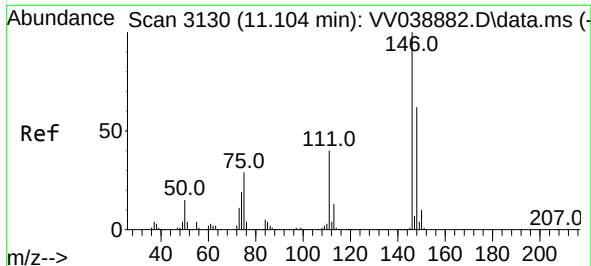
Ion Ratio Lower Upper

119 100

134 32.9 13.1 39.3

91 38.1 12.3 36.8#

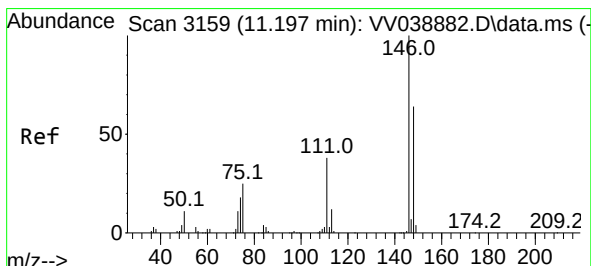
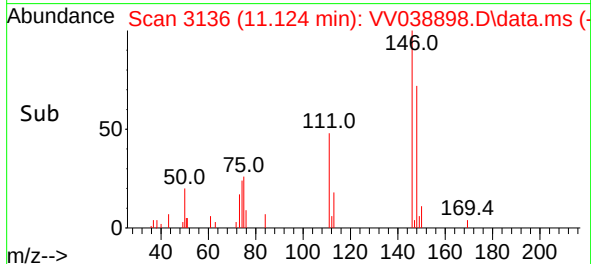
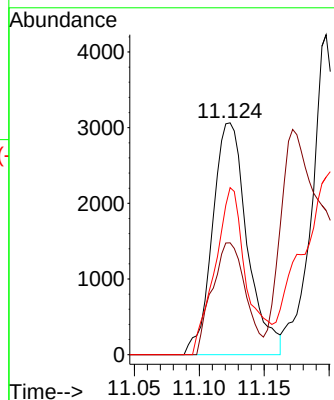
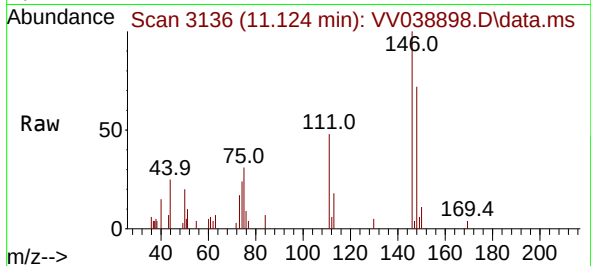




#87
1,3-Dichlorobenzene
Concen: 0.497 ug/l
RT: 11.124 min Scan# 3130
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

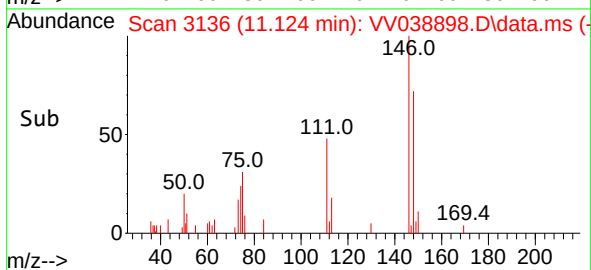
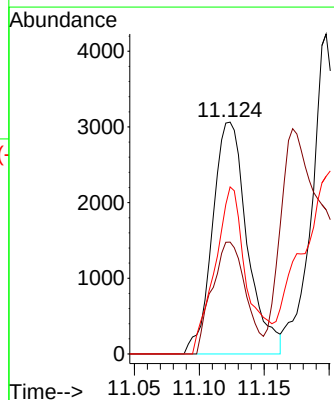
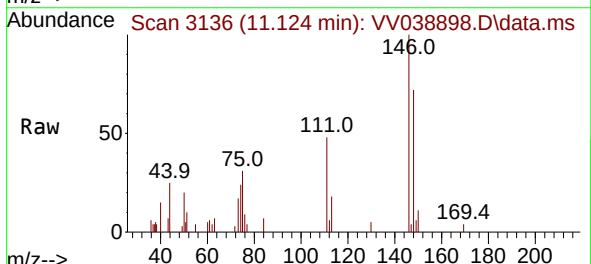
Instrument :
MSVOA_V
ClientSampleId :
MDL02

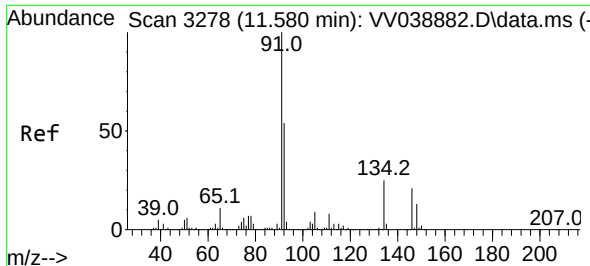
Tgt Ion:146 Resp: 5689
Ion Ratio Lower Upper
146 100
111 46.8 20.2 60.5
148 66.4 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 0.456 ug/l
RT: 11.124 min Scan# 3136
Delta R.T. -0.074 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:146 Resp: 5689
Ion Ratio Lower Upper
146 100
111 46.8 19.8 59.3
148 66.4 32.1 96.5





#89

n-Butylbenzene

Concen: 0.452 ug/l

RT: 11.590 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

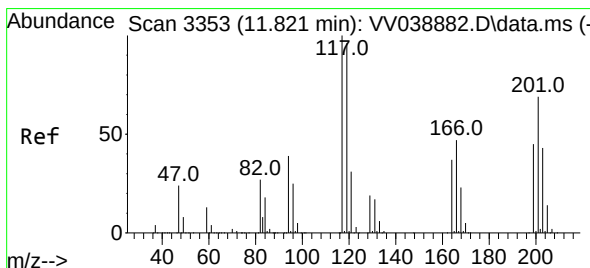
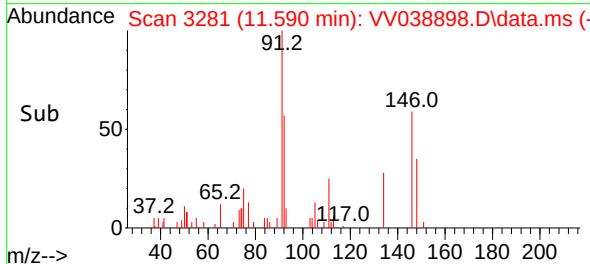
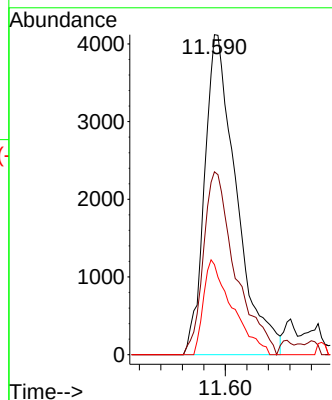
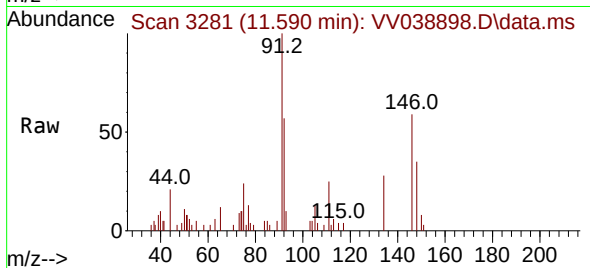
Tgt Ion: 91 Resp: 8466

Ion Ratio Lower Upper

91 100

92 57.3 26.7 80.1

134 26.6 12.7 38.1



#90

Hexachloroethane

Concen: 0.297 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV038898.D

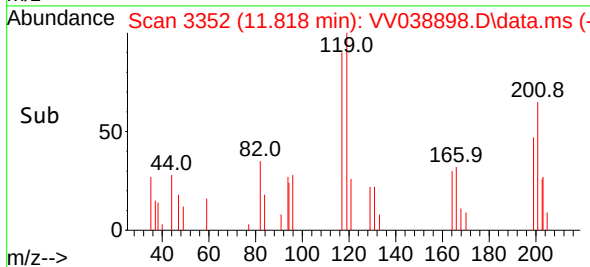
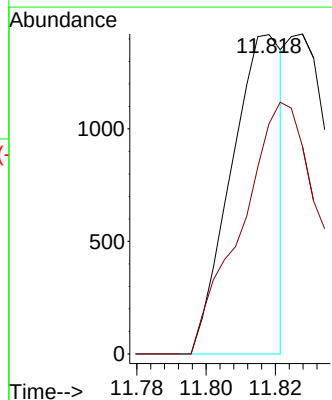
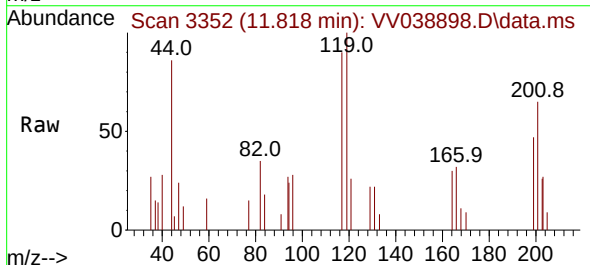
Acq: 15 Jul 2025 13:18

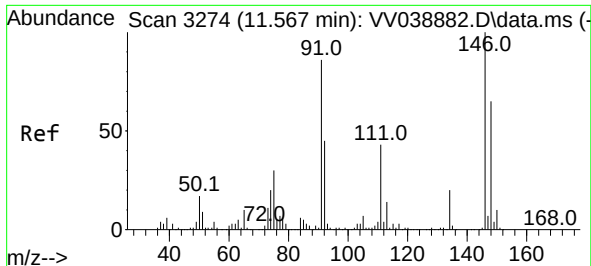
Tgt Ion: 117 Resp: 1449

Ion Ratio Lower Upper

117 100

201 128.5 34.0 102.0#

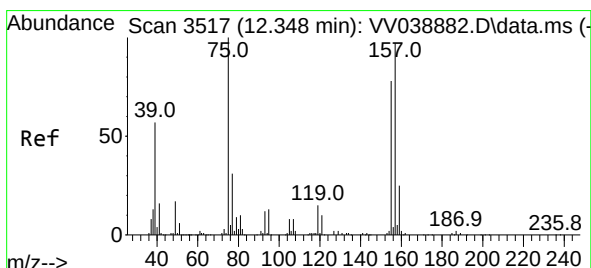
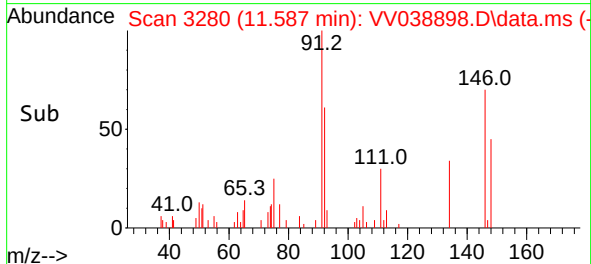
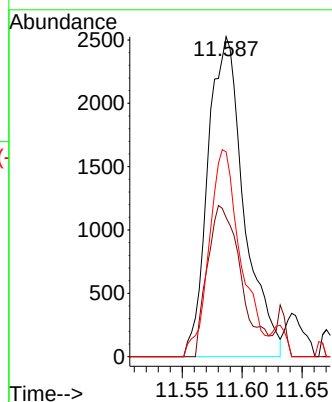
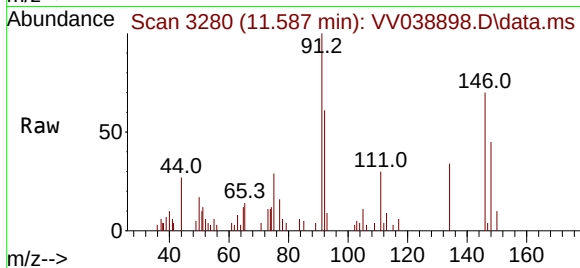




#91
1,2-Dichlorobenzene
Concen: 0.474 ug/l
RT: 11.587 min Scan# 3111
Delta R.T. 0.020 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

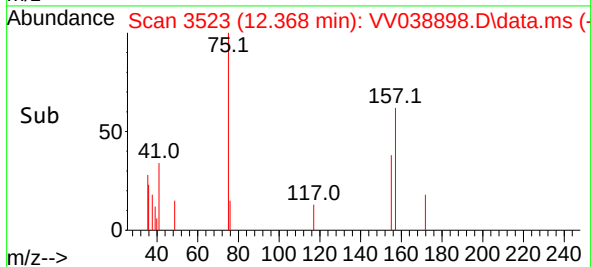
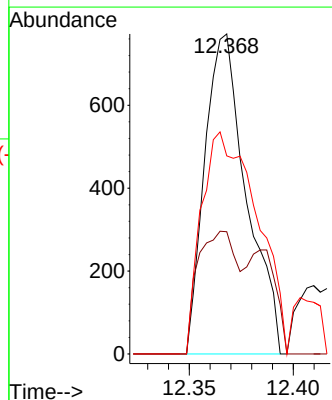
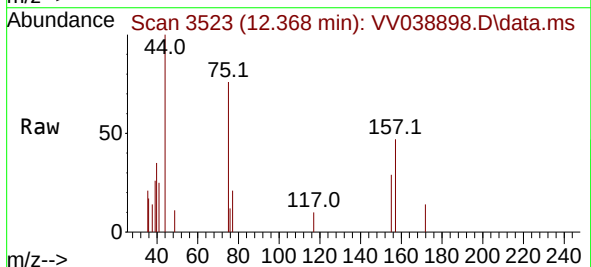
Instrument :
MSVOA_V
ClientSampleId :
MDL02

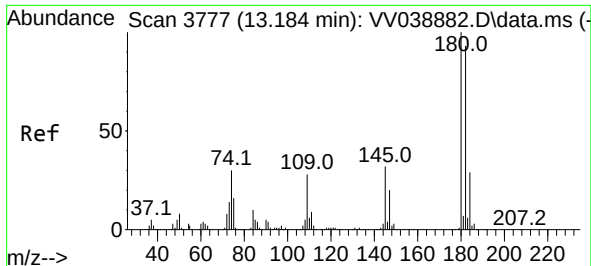
Tgt Ion:146 Resp: 5274
Ion Ratio Lower Upper
146 100
111 44.4 21.4 64.3
148 56.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.530 ug/l
RT: 12.368 min Scan# 3523
Delta R.T. 0.019 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion: 75 Resp: 1074
Ion Ratio Lower Upper
75 100
155 35.9 40.2 120.6#
157 92.8 51.1 153.3

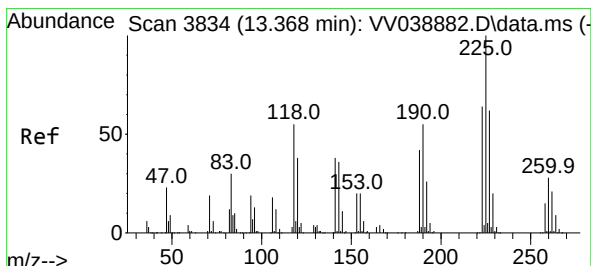
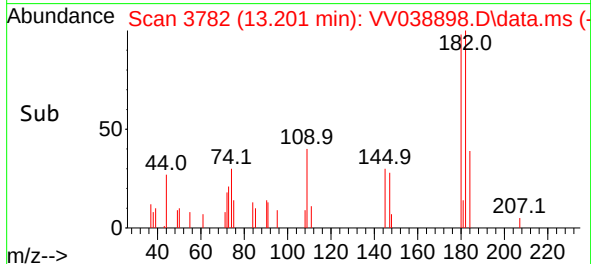
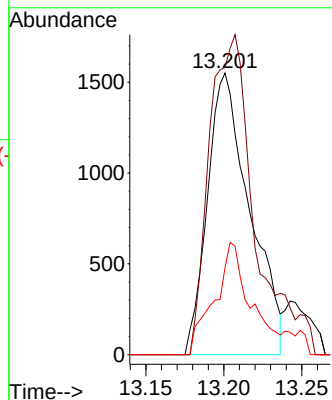
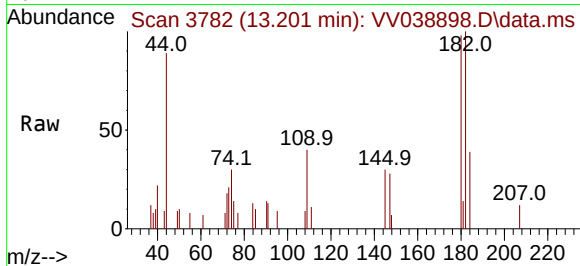




#93
1,2,4-Trichlorobenzene
Concen: 0.445 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

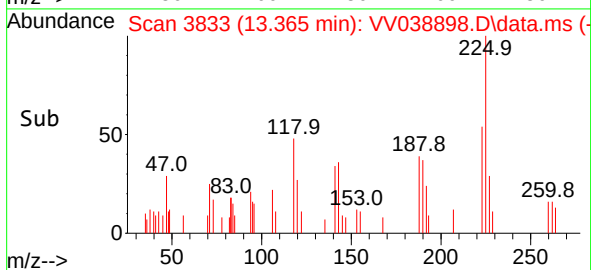
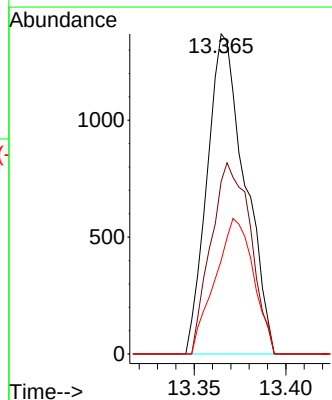
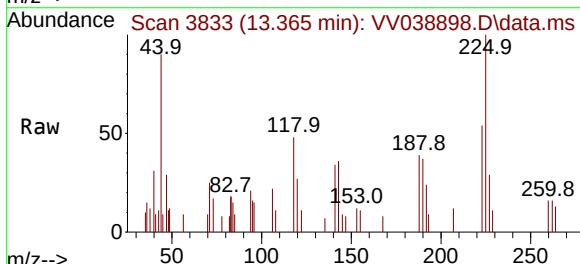
Instrument :
MSVOA_V
ClientSampleId :
MDL02

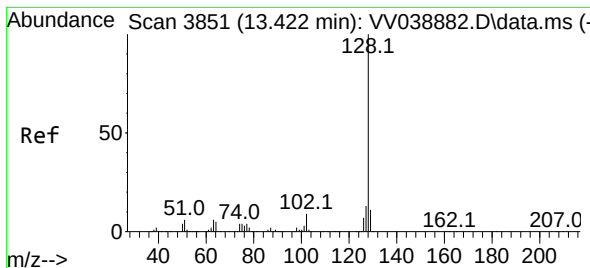
Tgt Ion:	180	Resp:	2925
Ion	Ratio	Lower	Upper
180	100		
182	121.9	47.4	142.3
145	34.2	16.2	48.6



#94
Hexachlorobutadiene
Concen: 0.580 ug/l
RT: 13.365 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VV038898.D
Acq: 15 Jul 2025 13:18

Tgt Ion:	225	Resp:	1962
Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.4	97.2
227	43.0	31.3	93.9





#95

Naphthalene

Concen: 0.432 ug/l

RT: 13.448 min Scan# 3932

Delta R.T. 0.026 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Instrument :

MSVOA_V

ClientSampleId :

MDL02

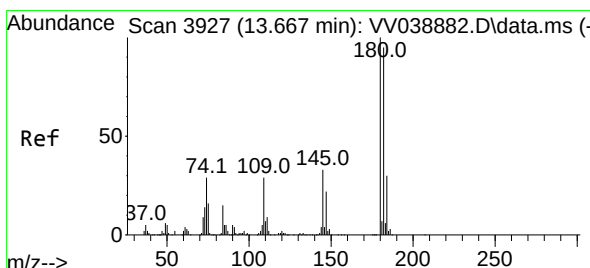
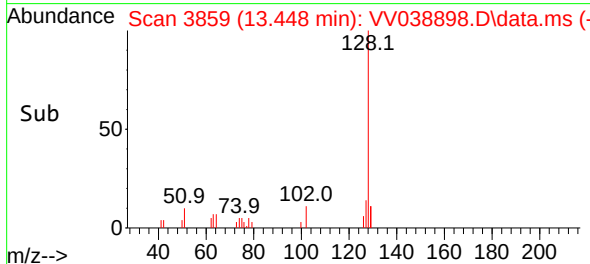
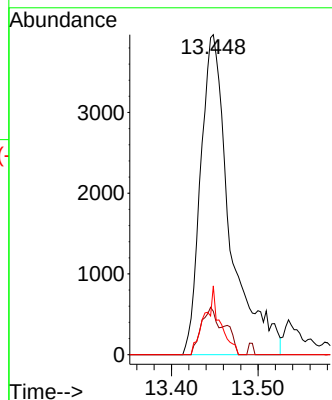
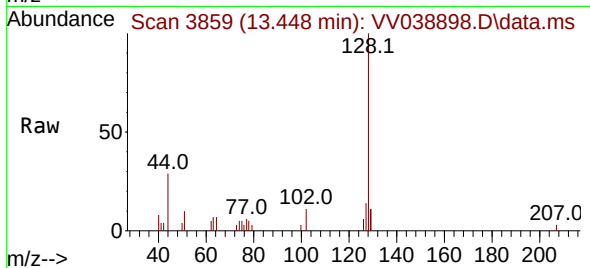
Tgt Ion:128 Resp: 9324

Ion Ratio Lower Upper

128 100

127 8.6 10.5 15.7#

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.452 ug/l

RT: 13.683 min Scan# 3932

Delta R.T. 0.016 min

Lab File: VV038898.D

Acq: 15 Jul 2025 13:18

Tgt Ion:180 Resp: 3078

Ion Ratio Lower Upper

180 100

182 104.5 47.0 141.2

145 28.6 17.0 51.0

