

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038909.D
 Acq On : 16 Jul 2025 15:41
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Jul 17 06:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	551667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	971993	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	880946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	395293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	379080	56.240	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.480%
35) Dibromofluoromethane	4.500	113	312602	47.171	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	94.340%
50) Toluene-d8	7.236	98	1103003	55.063	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	110.120%
62) 4-Bromofluorobenzene	10.001	95	404447	50.120	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	100.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.118	85	9813	2.024	ug/l	90
3) Chloromethane	1.230	50	11563	2.209	ug/l	99
4) Vinyl Chloride	1.294	62	12677	2.116	ug/l	99
5) Bromomethane	1.487	94	11685	2.601	ug/l	94
6) Chloroethane	1.555	64	8453	2.111	ug/l	91
7) Trichlorofluoromethane	1.722	101	22102	2.085	ug/l	100
8) Diethyl Ether	1.918	74	8929	2.342	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.082	101	12972	2.047	ug/l	96
10) Methyl Iodide	2.198	142	13460	1.850	ug/l	95
11) Tert butyl alcohol	2.574	59	19056	12.280	ug/l	99
12) 1,1-Dichloroethene	2.082	96	12207	2.114	ug/l	99
13) Acrolein	2.011	56	2603	11.599	ug/l #	79
14) Allyl chloride	2.359	41	19077	2.073	ug/l	99
15) Acrylonitrile	2.677	53	44732	11.264	ug/l	99
16) Acetone	2.124	43	37504	12.858	ug/l	95
17) Carbon Disulfide	2.253	76	28366	2.354	ug/l	98
18) Methyl Acetate	2.381	43	19694	1.996	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	45109	2.083	ug/l	95
20) Methylene Chloride	2.455	84	15471	2.091	ug/l	92
21) trans-1,2-Dichloroethene	2.703	96	12542	2.041	ug/l	97
22) Diisopropyl ether	3.217	45	36408	1.980	ug/l #	52
23) Vinyl Acetate	3.198	43	141378	9.808	ug/l	100
24) 1,1-Dichloroethane	3.121	63	25966	2.157	ug/l	96
25) 2-Butanone	3.899	43	43729	10.460	ug/l	99
26) 2,2-Dichloropropane	3.815	77	20402	1.935	ug/l	86
27) cis-1,2-Dichloroethene	3.834	96	13189	1.869	ug/l	94
28) Bromochloromethane	4.153	49	5216	1.119	ug/l #	18
29) Tetrahydrofuran	4.256	42	25147	9.127	ug/l	93
30) Chloroform	4.285	83	26794	2.019	ug/l	97
31) Cyclohexane	4.593	56	26218	3.318	ug/l #	68
32) 1,1,1-Trichloroethane	4.510	97	23985	2.071	ug/l	100
36) 1,1-Dichloropropene	4.751	75	12129	1.593	ug/l	86
37) Ethyl Acetate	4.015	43	16231	1.810	ug/l #	80
38) Carbon Tetrachloride	4.738	117	17442	1.724	ug/l	97
39) Methylcyclohexane	6.047	83	15825	1.761	ug/l #	88
40) Benzene	5.021	78	50487	1.955	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.195	41	4942	1.201	ug/l #	85
42) 1,2-Dichloroethane	5.050	62	20364	2.069	ug/l	98
43) Isopropyl Acetate	5.217	43	25469	1.796	ug/l #	85
44) Trichloroethene	5.847	130	12443	1.844	ug/l	100
45) 1,2-Dichloropropane	6.098	63	12573	1.843	ug/l	99
46) Dibromomethane	6.246	93	9527	1.805	ug/l	95
47) Bromodichloromethane	6.439	83	19941	1.781	ug/l #	96
48) Methyl methacrylate	6.262	41	265	0.043	ug/l #	27
49) 1,4-Dioxane	6.313	88	2194	16.545	ug/l #	37
51) 4-Methyl-2-Pentanone	7.159	43	75707	7.840	ug/l	100
52) Toluene	7.320	92	31021	1.907	ug/l	94
53) t-1,3-Dichloropropene	7.596	75	17588	1.736	ug/l	91
54) cis-1,3-Dichloropropene	6.966	75	18846	1.720	ug/l	96
55) 1,1,2-Trichloroethane	7.773	97	15014	1.931	ug/l	95
56) Ethyl methacrylate	7.741	69	12917	1.398	ug/l	94
57) 1,3-Dichloropropane	7.947	76	21451	1.840	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.825	63	38783	6.956	ug/l	95
59) 2-Hexanone	8.082	43	55812	7.764	ug/l	90
60) Dibromochloromethane	8.172	129	16148	1.764	ug/l	93
61) 1,2-Dibromoethane	8.288	107	13426	1.714	ug/l	97
64) Tetrachloroethene	7.902	164	11242	1.946	ug/l	93
65) Chlorobenzene	8.809	112	37543	1.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.902	131	13889	1.809	ug/l	92
67) Ethyl Benzene	8.947	91	53769	1.881	ug/l	99
68) m/p-Xylenes	9.069	106	36941	3.320	ug/l	100
69) o-Xylene	9.477	106	18713	1.782	ug/l	88
70) Styrene	9.500	104	26710	1.439	ug/l	95
71) Bromoform	9.664	173	12306	1.972	ug/l #	99
73) Isopropylbenzene	9.860	105	44492	1.884	ug/l	98
74) N-amyl acetate	9.738	43	17208	1.989	ug/l	91
75) 1,1,2,2-Tetrachloroethane	10.172	83	24412	2.468	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	15331	2.086	ug/l	78
77) Bromobenzene	10.153	156	15045	2.428	ug/l	97
78) n-propylbenzene	10.284	91	56528	2.048	ug/l	99
79) 2-Chlorotoluene	10.355	91	36363	2.071	ug/l	99
80) 1,3,5-Trimethylbenzene	10.471	105	38918	1.954	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.001	75	201173	66.797	ug/l #	13
82) 4-Chlorotoluene	10.471	91	37183	1.895	ug/l	99
83) tert-Butylbenzene	10.792	119	42630	2.041	ug/l	97
84) 1,2,4-Trimethylbenzene	10.847	105	38540	1.966	ug/l	96
85) sec-Butylbenzene	11.014	105	49273	1.849	ug/l	99
86) p-Isopropyltoluene	11.172	119	43311	1.914	ug/l	95
87) 1,3-Dichlorobenzene	11.114	146	24858	1.966	ug/l	95
88) 1,4-Dichlorobenzene	11.114	146	24858	1.807	ug/l	95
89) n-Butylbenzene	11.587	91	37450	1.813	ug/l	100
90) Hexachloroethane	11.825	117	12525	2.327	ug/l	91
91) 1,2-Dichlorobenzene	11.577	146	25912	2.111	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4332	1.937	ug/l	91
93) 1,2,4-Trichlorobenzene	13.194	180	13575	1.873	ug/l	99
94) Hexachlorobutadiene	13.371	225	7738	2.073	ug/l	98
95) Naphthalene	13.435	128	40810	1.714	ug/l	99
96) 1,2,3-Trichlorobenzene	13.673	180	13749	1.830	ug/l	96

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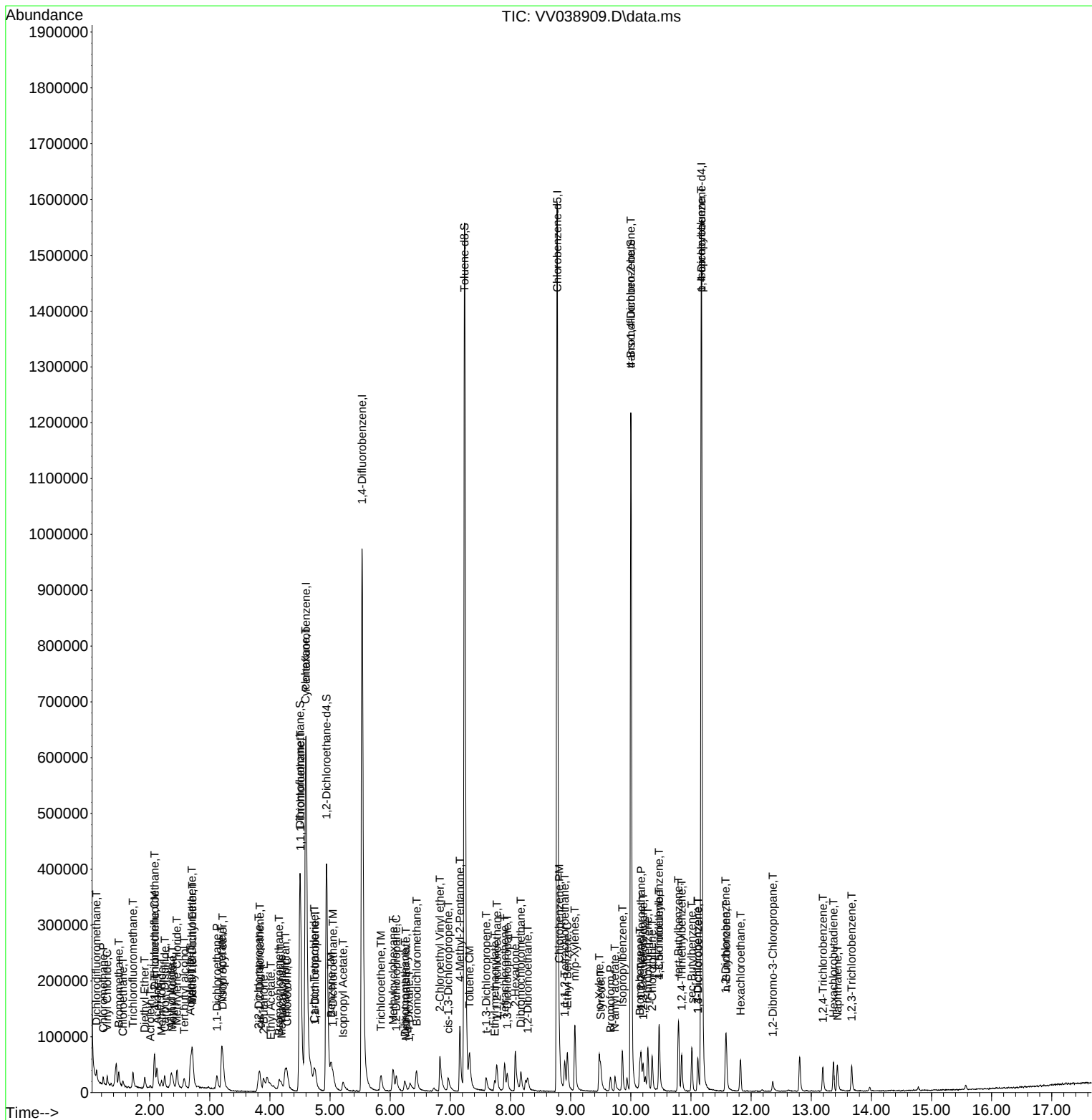
Instrument :
MSVOA_V
ClientSampleId :
MDL05

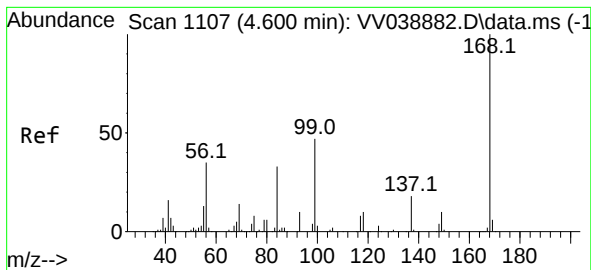
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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

Quant Time: Jul 17 06:18:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
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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: VV038909.D

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Instrument :

MSVOA_V

ClientSampleId :

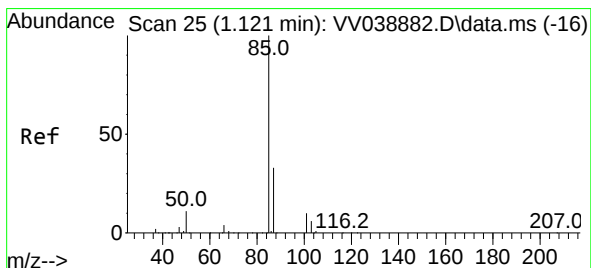
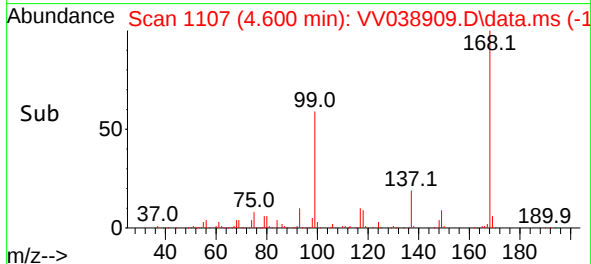
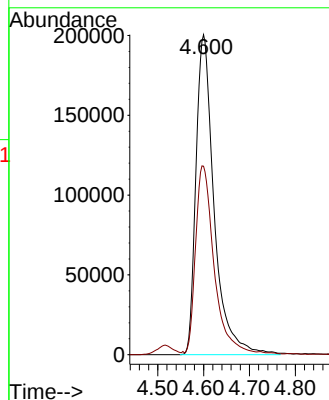
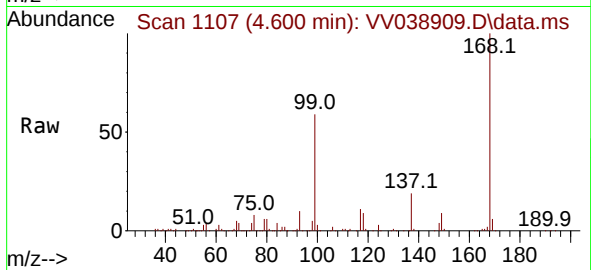
MDL05

Tgt Ion:168 Resp: 551667

Ion Ratio Lower Upper

168 100

99 58.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 2.024 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038909.D

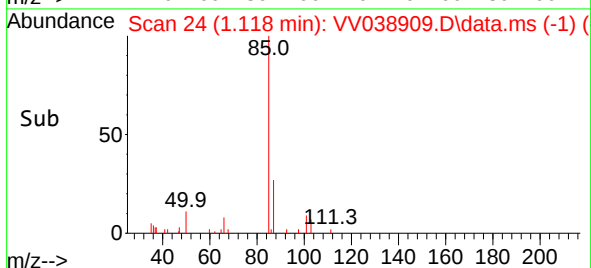
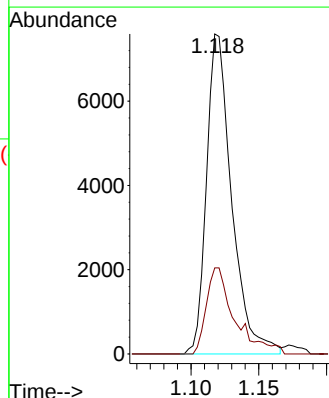
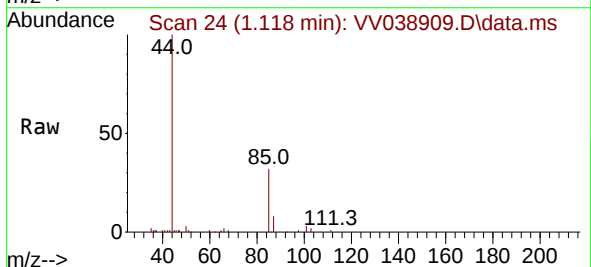
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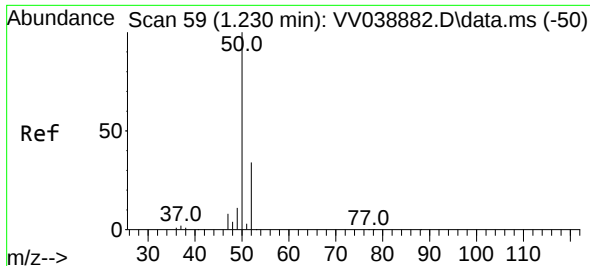
Tgt Ion: 85 Resp: 9813

Ion Ratio Lower Upper

85 100

87 26.9 16.3 48.8

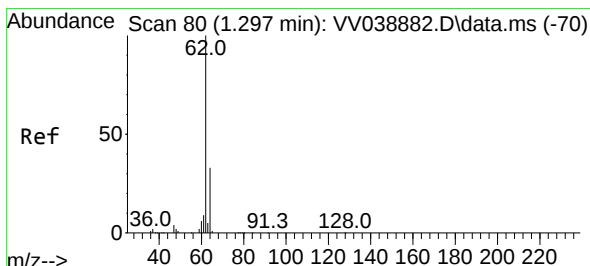
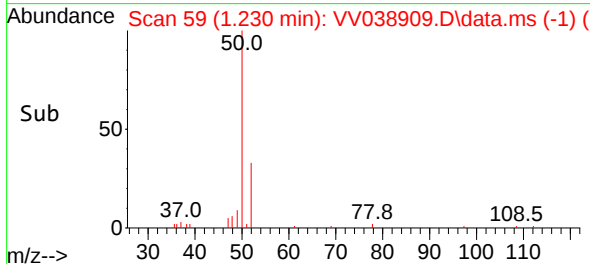
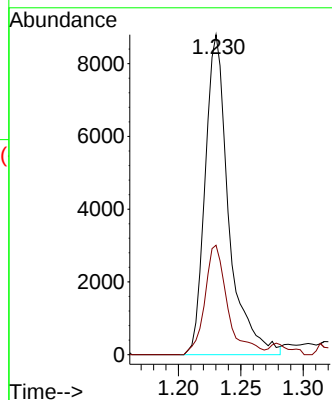
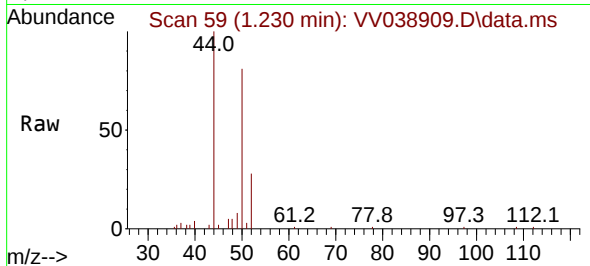




#3
Chloromethane
Concen: 2.209 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

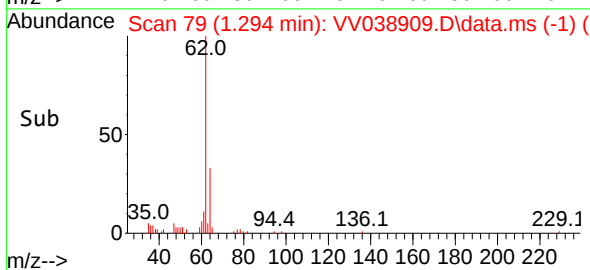
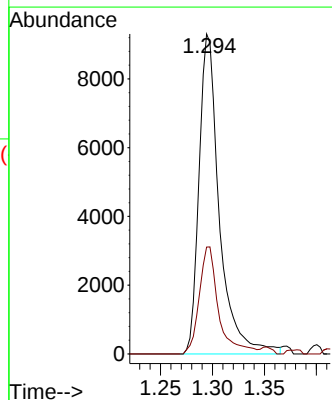
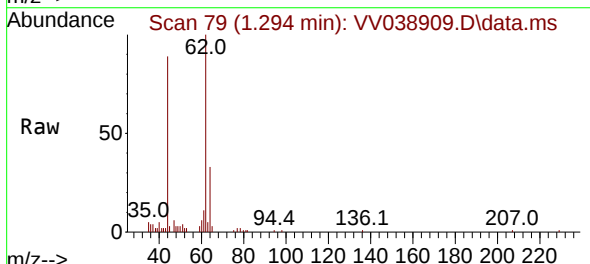
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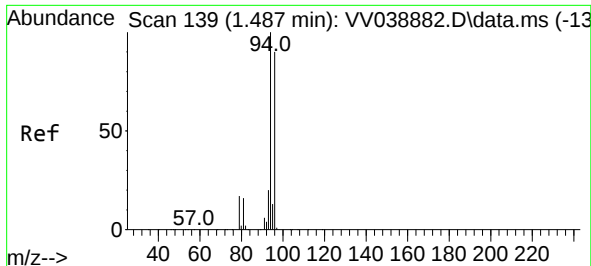
Tgt Ion: 50 Resp: 11563
Ion Ratio Lower Upper
50 100
52 34.2 26.9 40.3



#4
Vinyl Chloride
Concen: 2.116 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 62 Resp: 12677
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.2

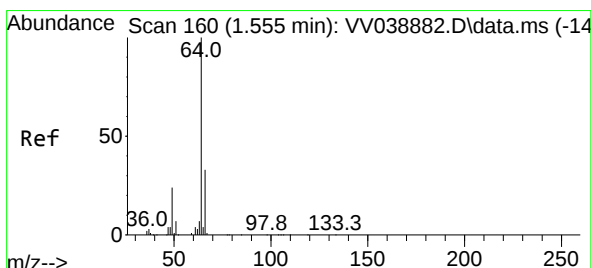
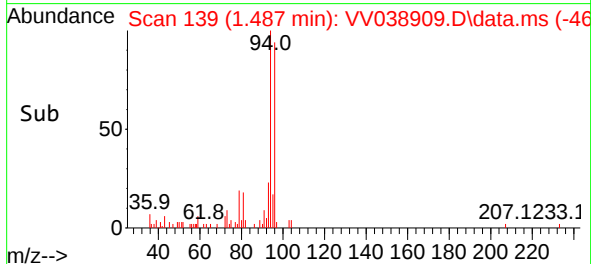
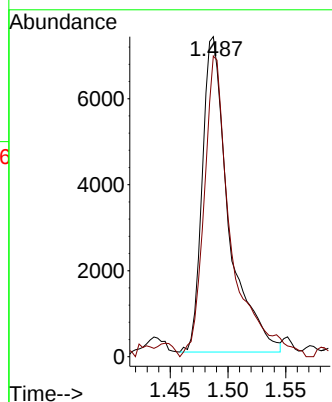
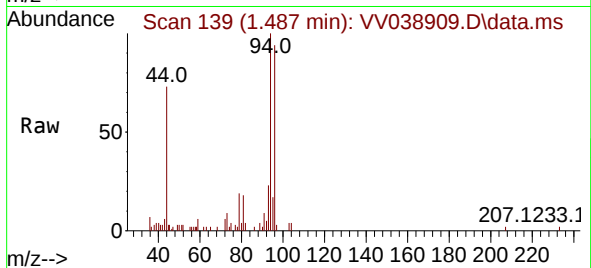




#5
Bromomethane
Concen: 2.601 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

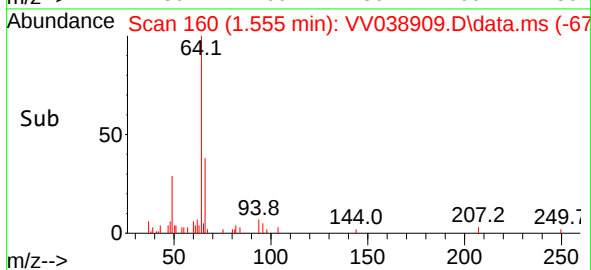
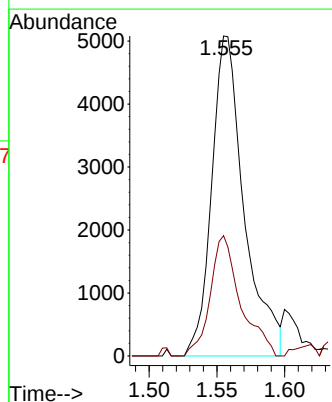
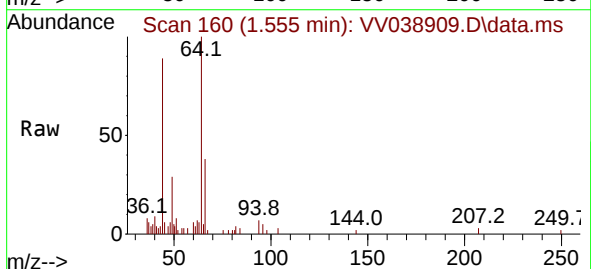
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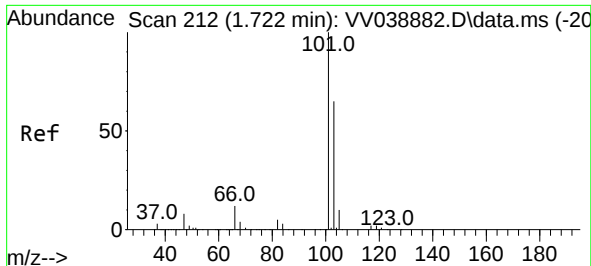
Tgt Ion: 94 Resp: 11685
Ion Ratio Lower Upper
94 100
96 95.4 71.9 107.9



#6
Chloroethane
Concen: 2.111 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 64 Resp: 8453
Ion Ratio Lower Upper
64 100
66 37.6 26.2 39.2

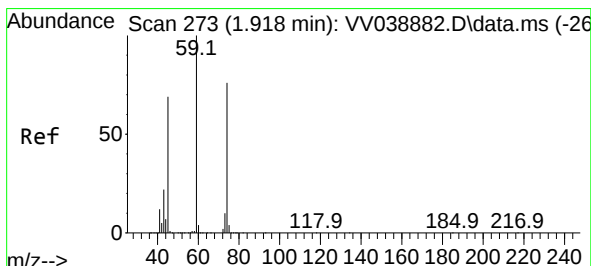
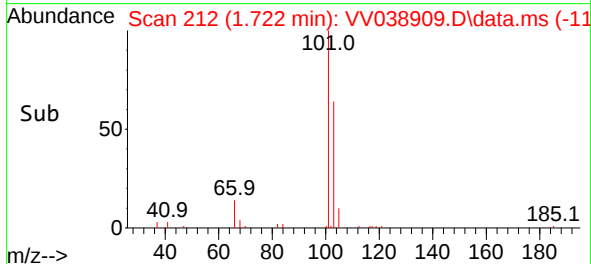
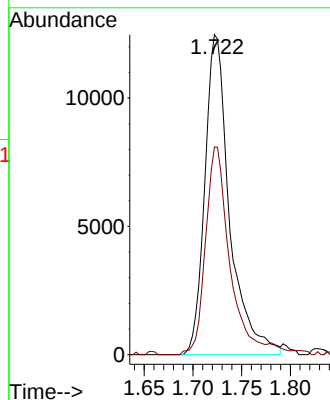
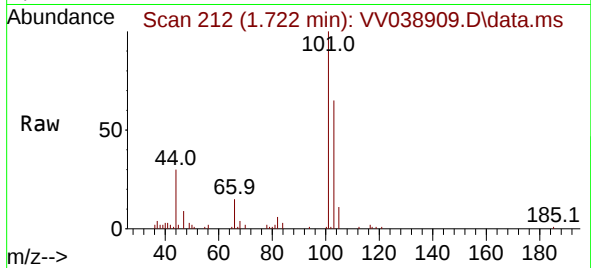




#7
 Trichlorofluoromethane
 Concen: 2.085 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

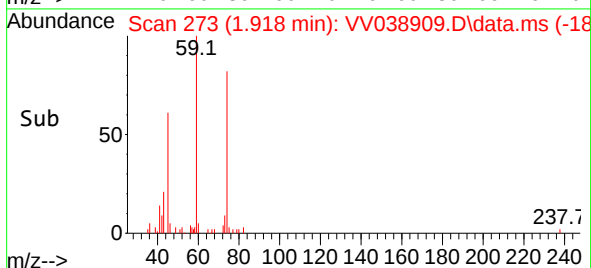
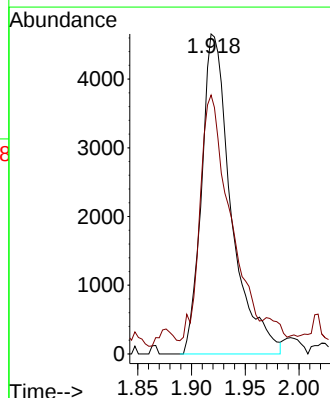
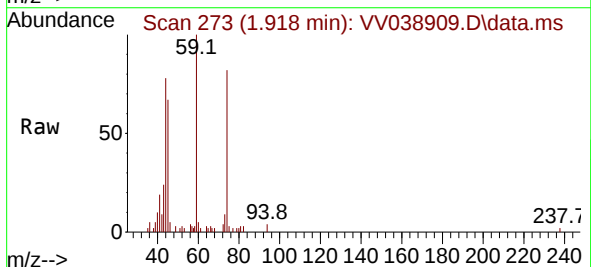
Instrument :
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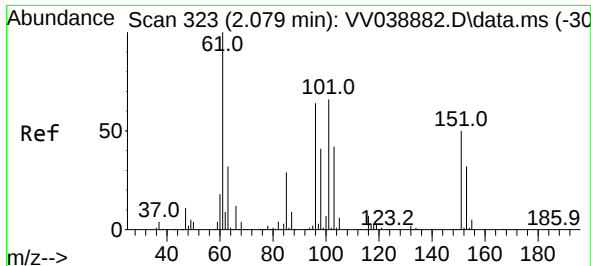
Tgt Ion:101 Resp: 22102
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.8 77.6



#8
 Diethyl Ether
 Concen: 2.342 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 8929
 Ion Ratio Lower Upper
 74 100
 45 78.1 45.5 136.5

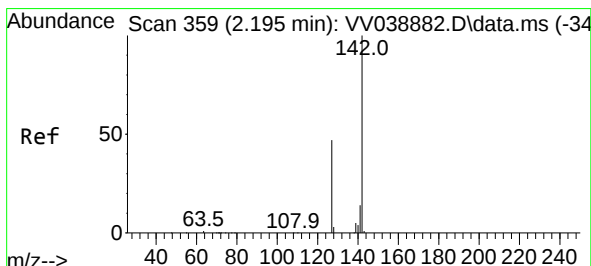
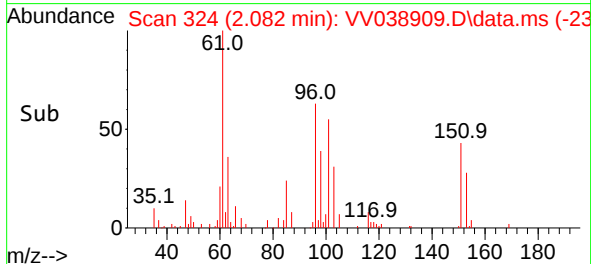
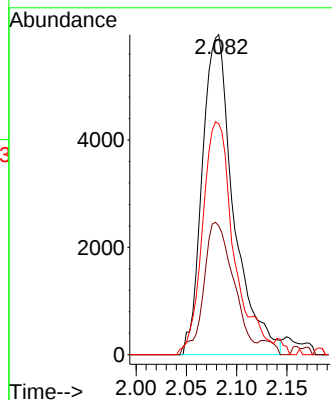
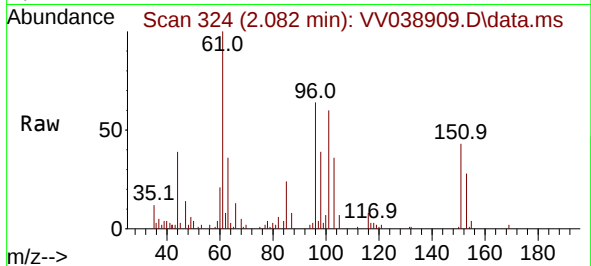




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.047 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

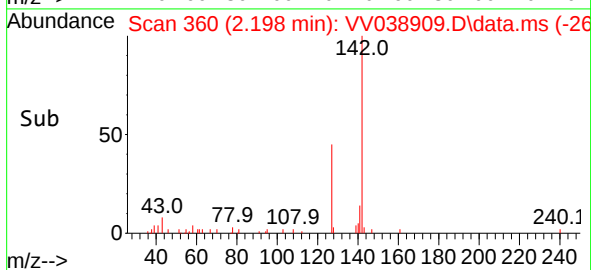
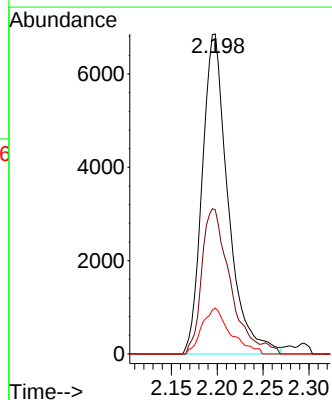
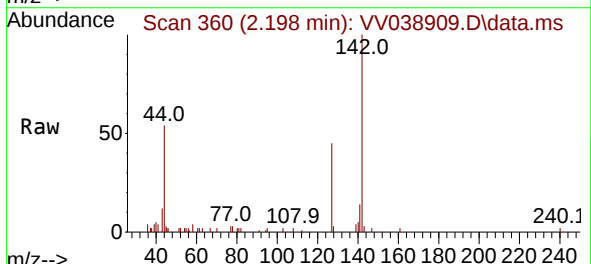
Instrument :
MSVOA_V
ClientSampleId :
MDL05

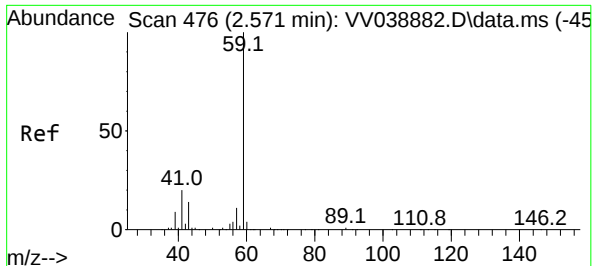
Tgt Ion:101 Resp: 12972
Ion Ratio Lower Upper
101 100
85 39.5 35.0 52.6
151 72.6 60.1 90.1



#10
Methyl Iodide
Concen: 1.850 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:142 Resp: 13460
Ion Ratio Lower Upper
142 100
127 50.1 37.3 55.9
141 15.8 11.2 16.8

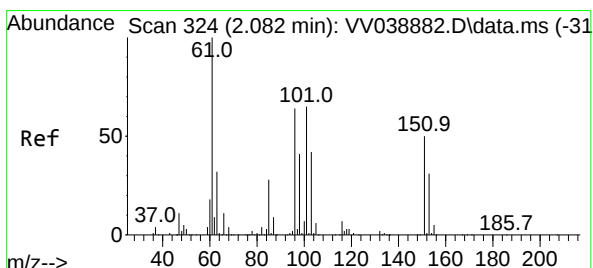
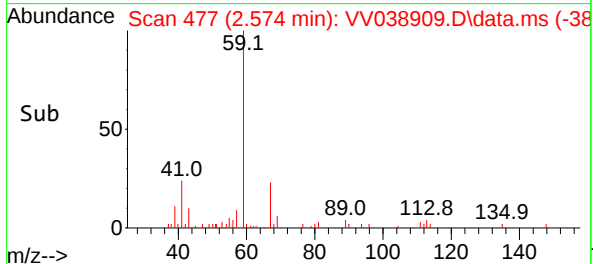
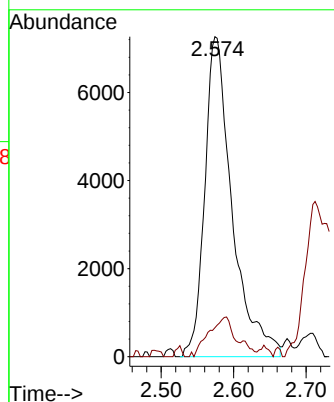
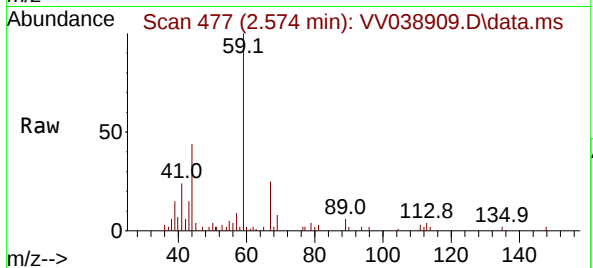




#11
Tert butyl alcohol
Concen: 12.280 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

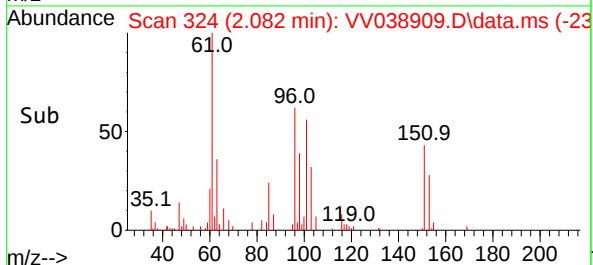
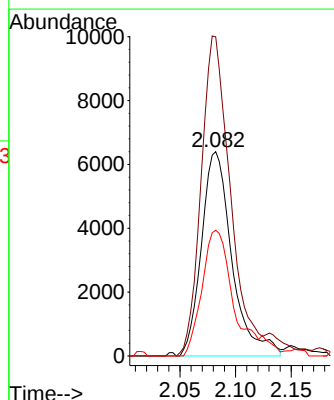
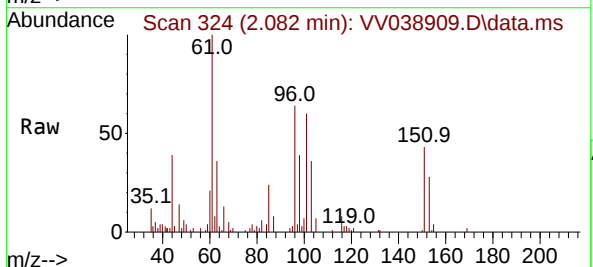
Instrument :
MSVOA_V
ClientSampleId :
MDL05

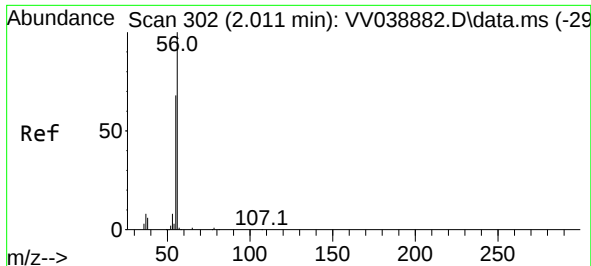
Tgt Ion: 59 Resp: 19056
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 2.114 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 96 Resp: 12207
Ion Ratio Lower Upper
96 100
61 154.6 124.1 186.1
98 61.5 50.6 75.8

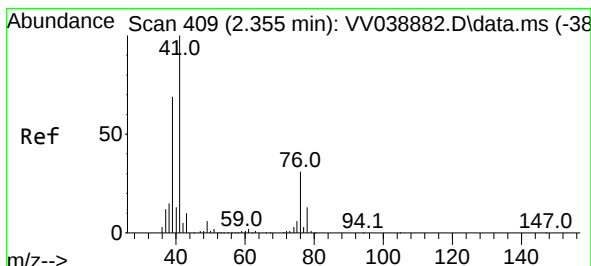
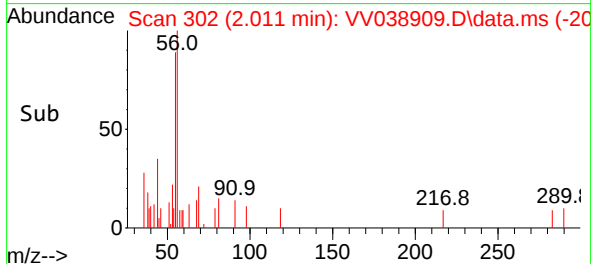
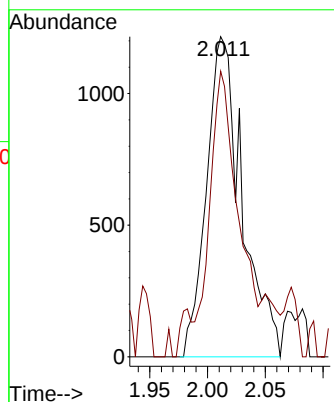
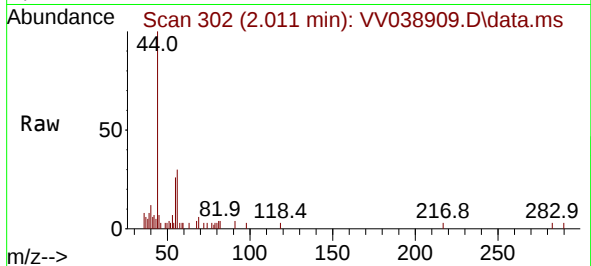




#13
Acrolein
Concen: 11.599 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

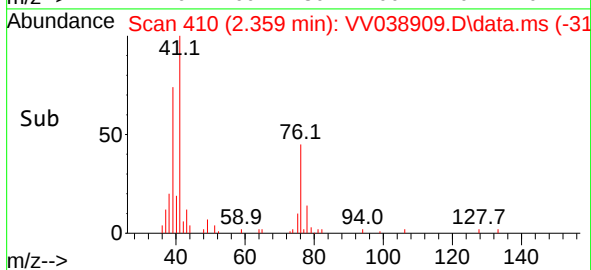
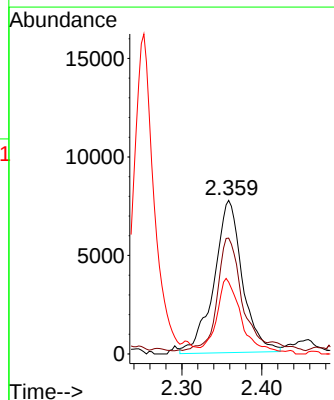
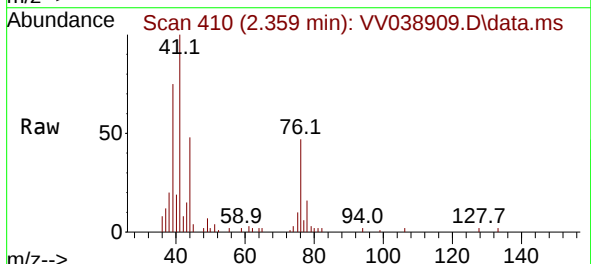
Instrument :
MSVOA_V
ClientSampleId :
MDL05

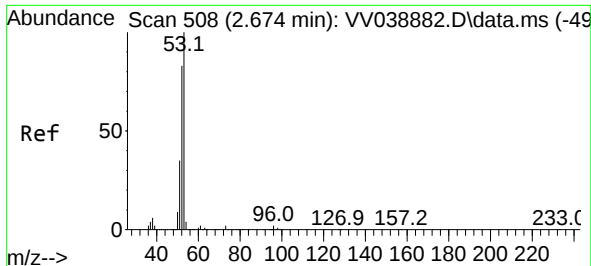
Tgt Ion: 56 Resp: 2603
Ion Ratio Lower Upper
56 100
55 53.8 56.7 85.1#



#14
Allyl chloride
Concen: 2.073 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 41 Resp: 19077
Ion Ratio Lower Upper
41 100
39 63.4 50.6 76.0
76 38.8 30.4 45.6

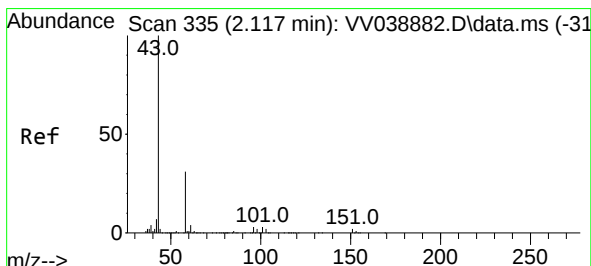
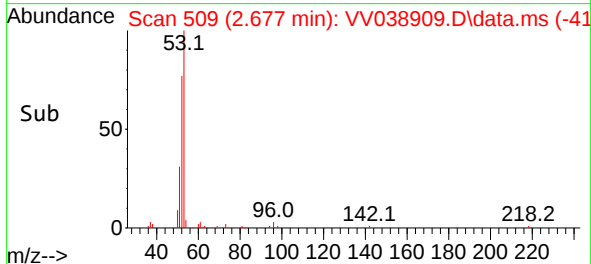
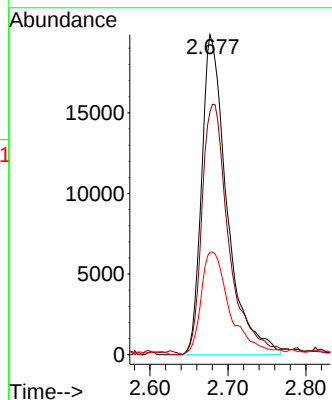
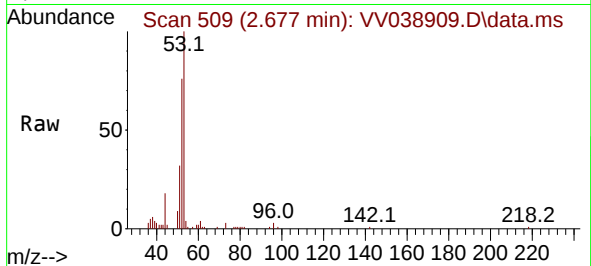




#15
Acrylonitrile
Concen: 11.264 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

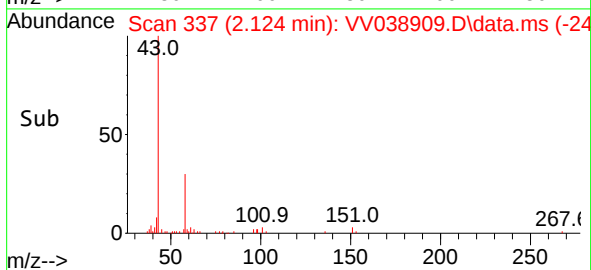
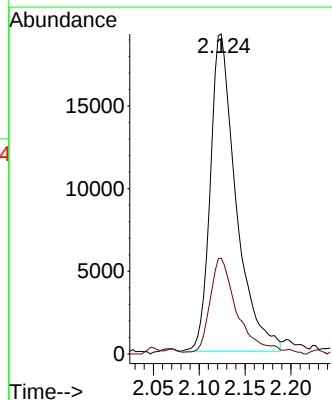
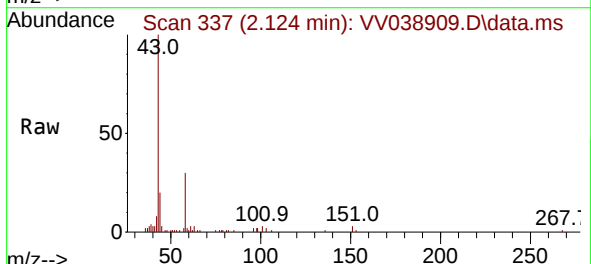
Instrument :
MSVOA_V
ClientSampleId :
MDL05

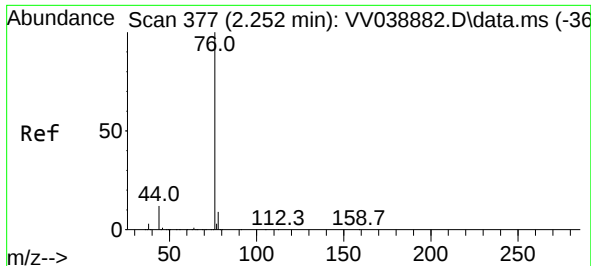
Tgt Ion: 53 Resp: 44732
Ion Ratio Lower Upper
53 100
52 83.9 66.6 99.8
51 37.1 28.7 43.1



#16
Acetone
Concen: 12.858 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 43 Resp: 37504
Ion Ratio Lower Upper
43 100
58 29.5 25.8 38.6

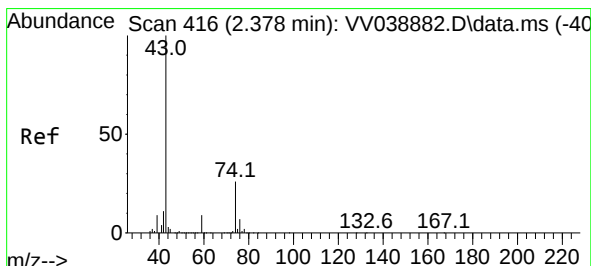
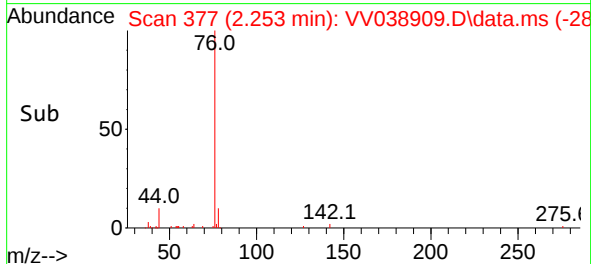
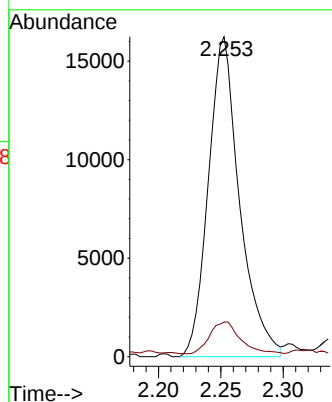
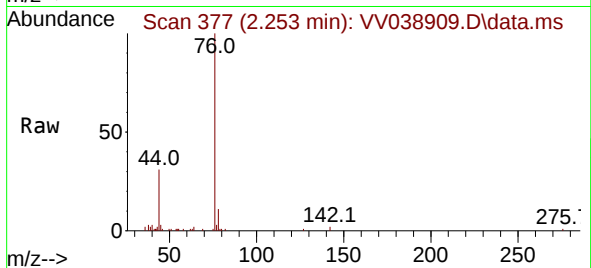




#17
Carbon Disulfide
Concen: 2.354 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.001 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

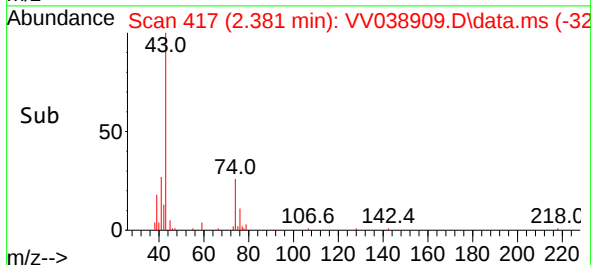
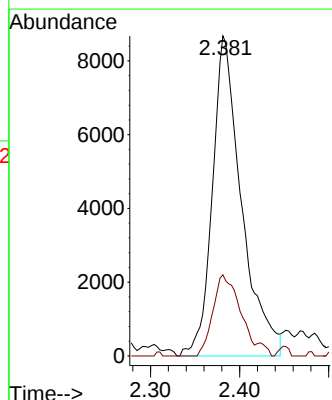
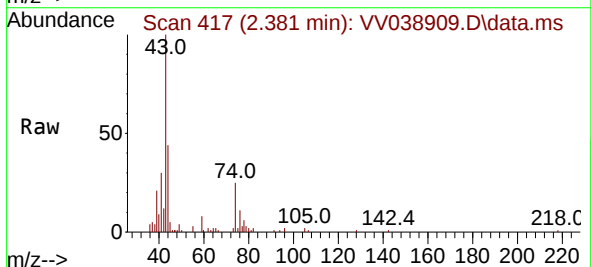
Instrument :
MSVOA_V
ClientSampleId :
MDL05

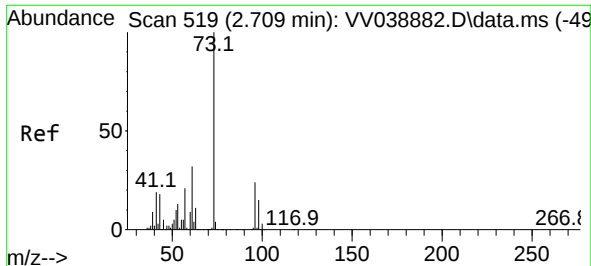
Tgt Ion: 76 Resp: 28366
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#18
Methyl Acetate
Concen: 1.996 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 43 Resp: 19694
Ion Ratio Lower Upper
43 100
74 24.7 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 2.083 ug/l

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

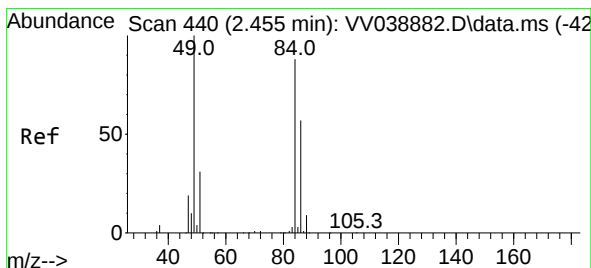
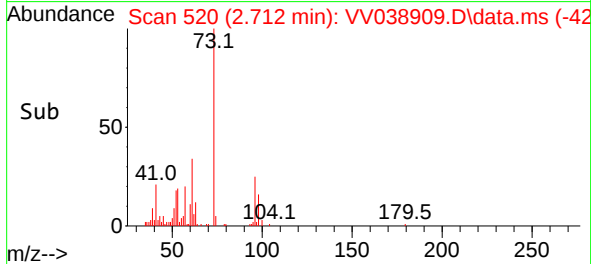
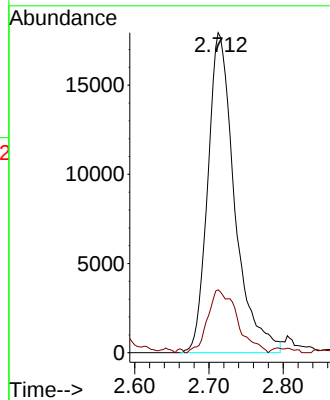
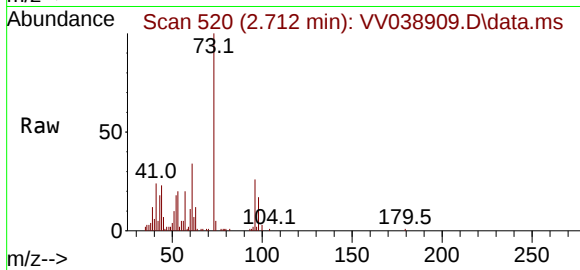
MDL05

Tgt Ion: 73 Resp: 45109

Ion Ratio Lower Upper

73 100

57 18.5 16.5 24.7



#20

Methylene Chloride

Concen: 2.091 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Tgt Ion: 84 Resp: 15471

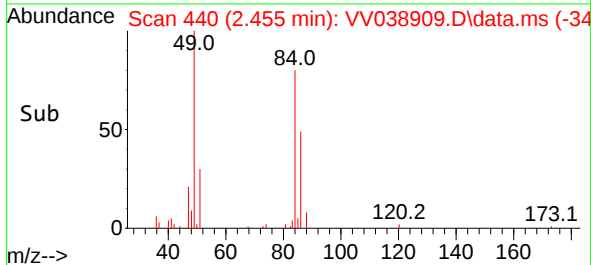
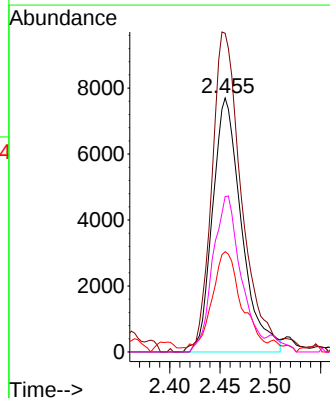
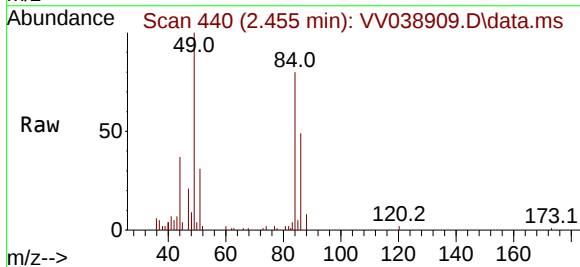
Ion Ratio Lower Upper

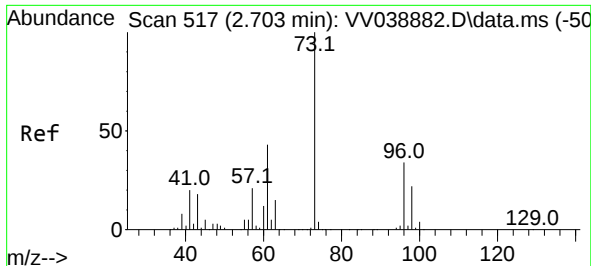
84 100

49 125.6 90.5 135.7

51 38.0 27.8 41.6

86 61.2 51.2 76.8

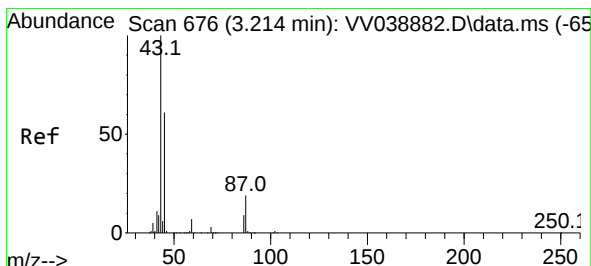
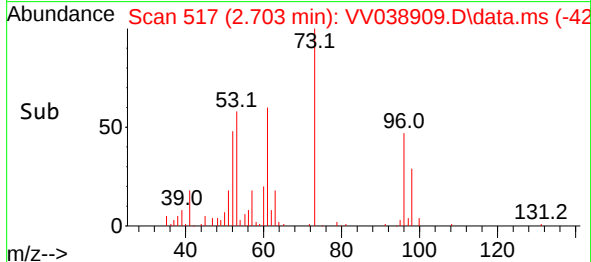
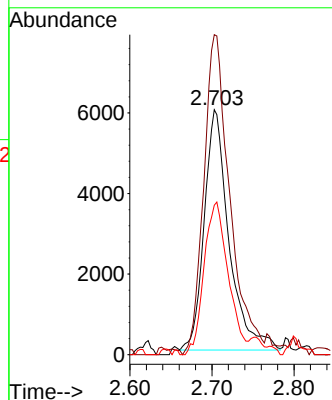
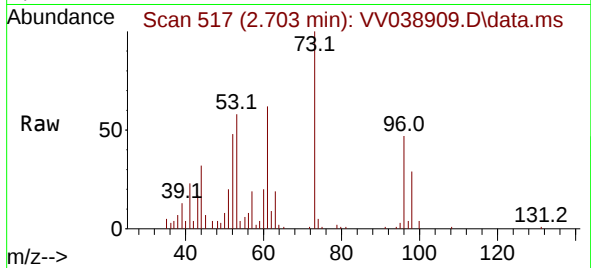




#21
trans-1,2-Dichloroethene
Concen: 2.041 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

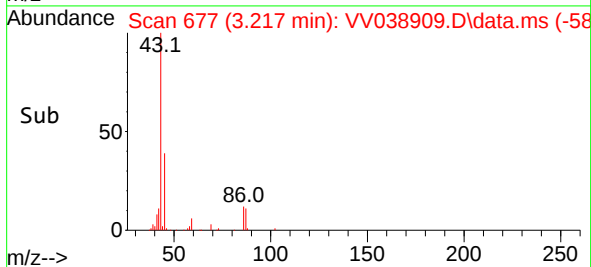
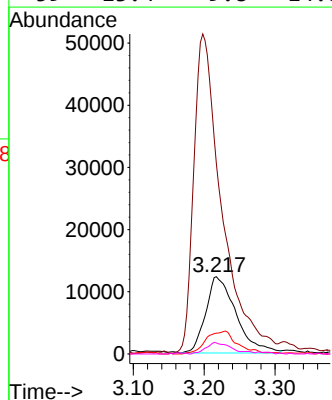
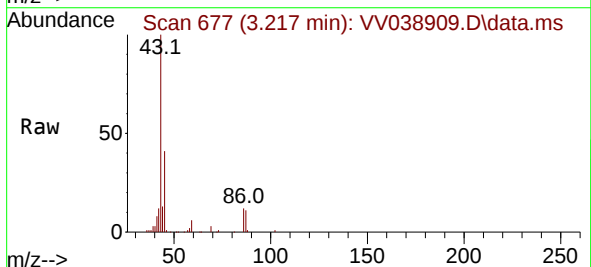
Instrument :
MSVOA_V
ClientSampleId :
MDL05

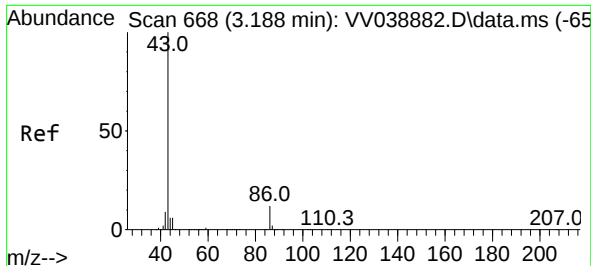
Tgt Ion: 96 Resp: 12542
Ion Ratio Lower Upper
96 100
61 131.5 102.0 153.0
98 62.2 51.0 76.6



#22
Diisopropyl ether
Concen: 1.980 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 45 Resp: 36408
Ion Ratio Lower Upper
45 100
43 244.0 132.1 198.1#
87 27.4 25.0 37.4
59 13.4 9.8 14.8

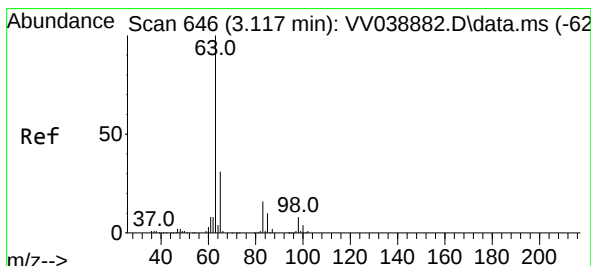
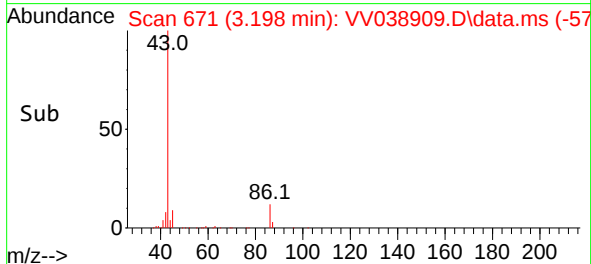
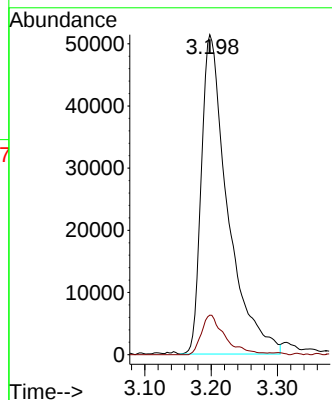
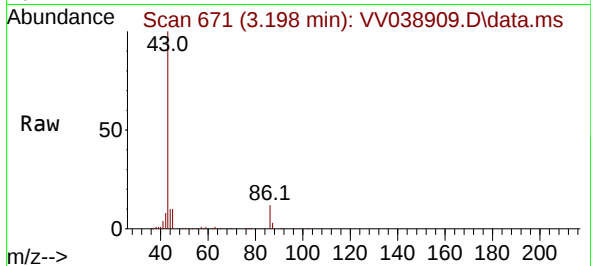




#23
 Vinyl Acetate
 Concen: 9.808 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

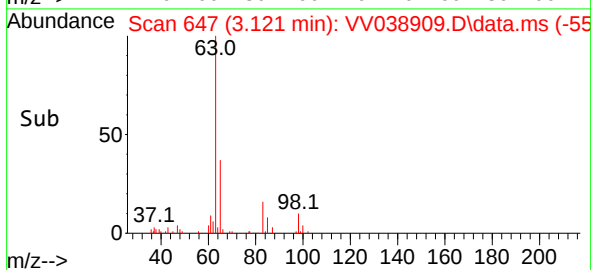
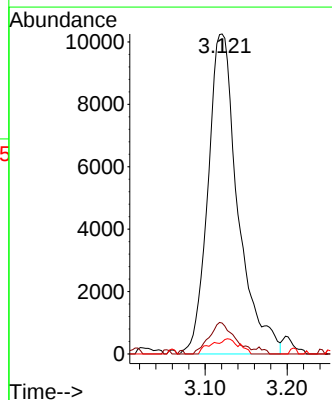
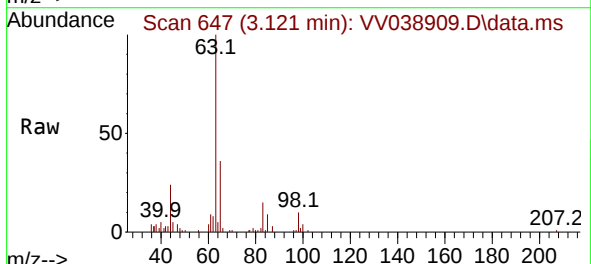
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

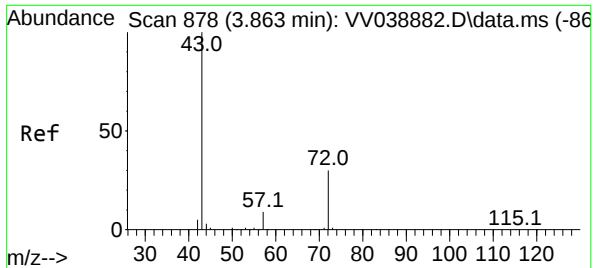
Tgt Ion: 43 Resp: 141378
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 2.157 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

Tgt Ion: 63 Resp: 25966
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.9 11.7
 100 3.7 2.2 6.6





#25

2-Butanone

Concen: 10.460 ug/l

RT: 3.899 min Scan# 889

Delta R.T. 0.035 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

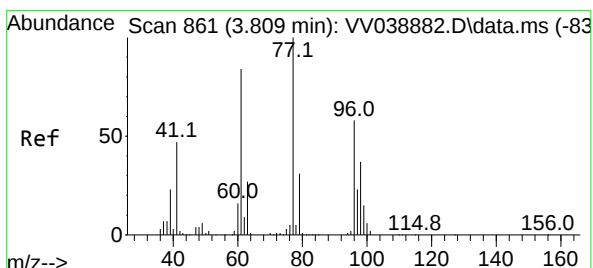
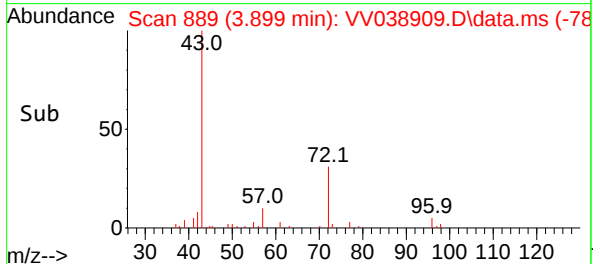
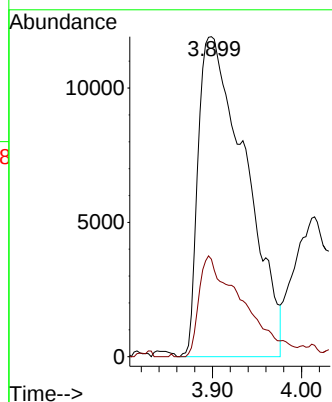
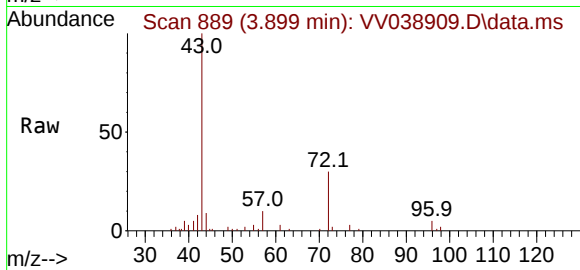
MDL05

Tgt Ion: 43 Resp: 43729

Ion Ratio Lower Upper

43 100

72 30.4 23.9 35.9



#26

2,2-Dichloropropane

Concen: 1.935 ug/l

RT: 3.815 min Scan# 863

Delta R.T. 0.007 min

Lab File: VV038909.D

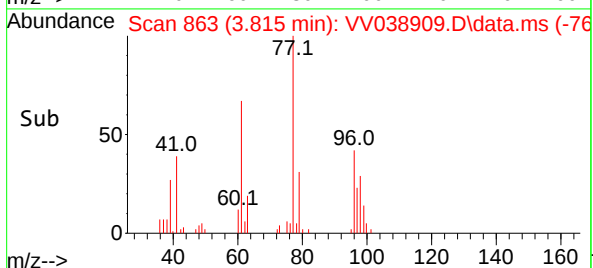
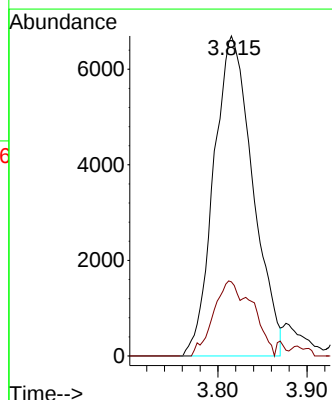
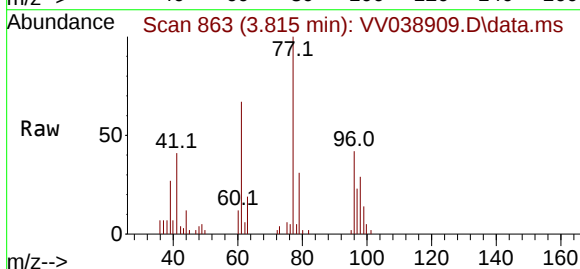
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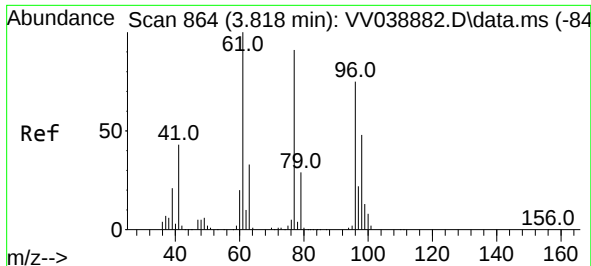
Tgt Ion: 77 Resp: 20402

Ion Ratio Lower Upper

77 100

97 16.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.869 ug/l

RT: 3.834 min Scan# 869

Delta R.T. 0.016 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

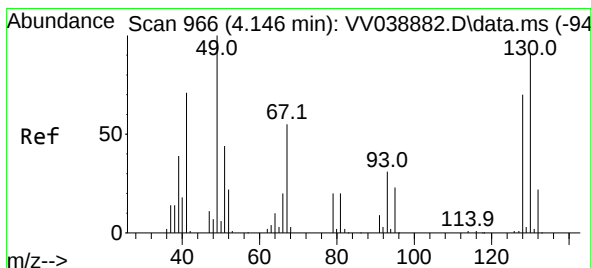
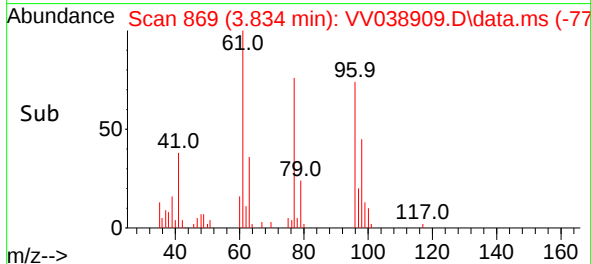
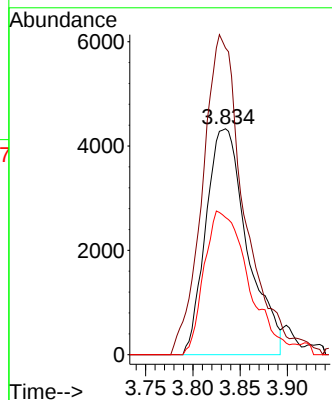
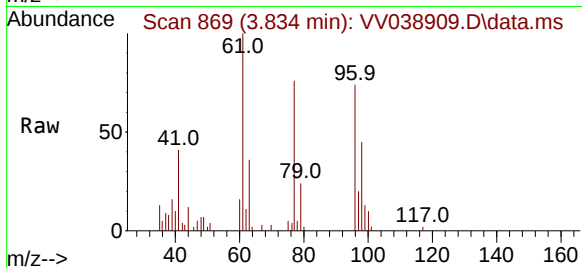
Tgt Ion: 96 Resp: 13189

Ion Ratio Lower Upper

96 100

61 144.9 0.0 275.0

98 68.9 0.0 130.0



#28

Bromochloromethane

Concen: 1.119 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.007 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

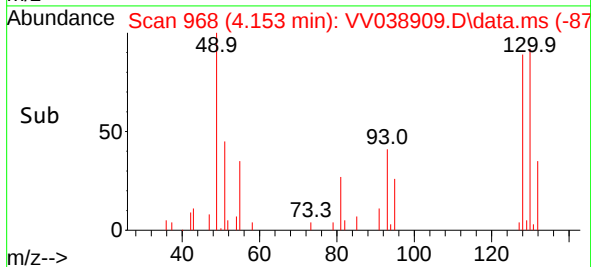
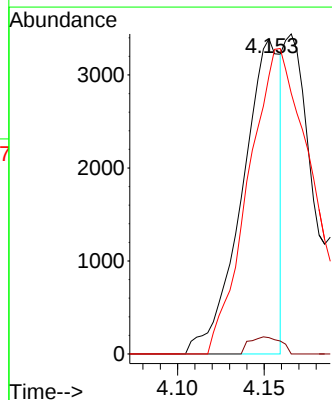
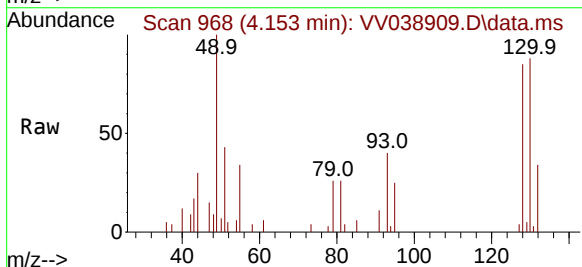
Tgt Ion: 49 Resp: 5216

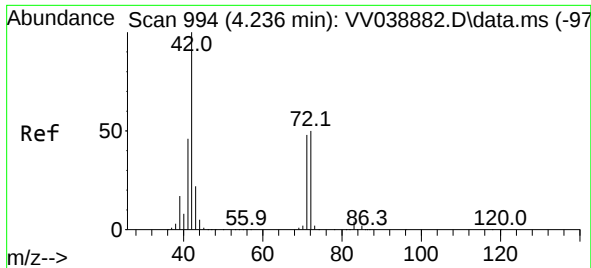
Ion Ratio Lower Upper

49 100

129 4.4 0.0 4.8

130 165.2 70.1 105.1#

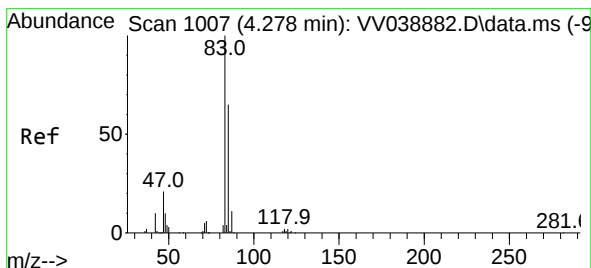
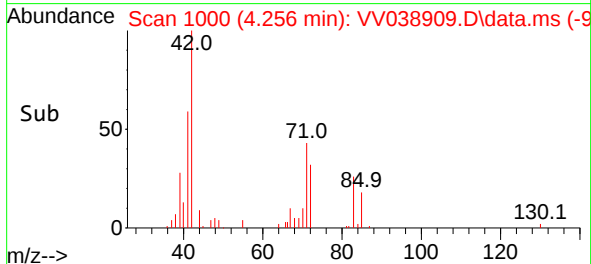
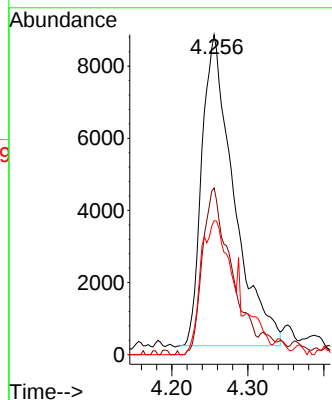
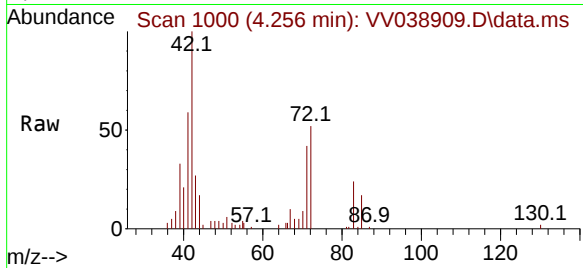




#29
Tetrahydrofuran
Concen: 9.127 ug/l
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

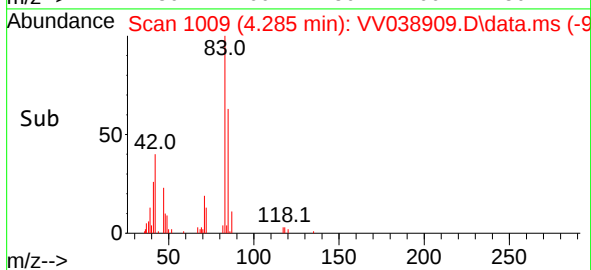
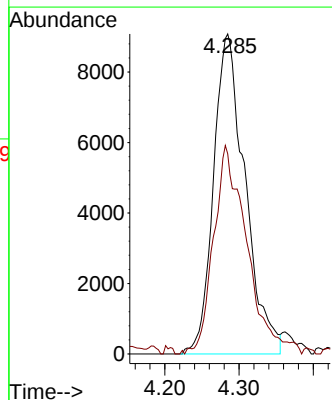
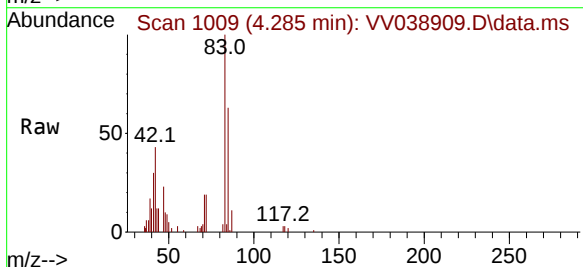
Instrument :
MSVOA_V
ClientSampleId :
MDL05

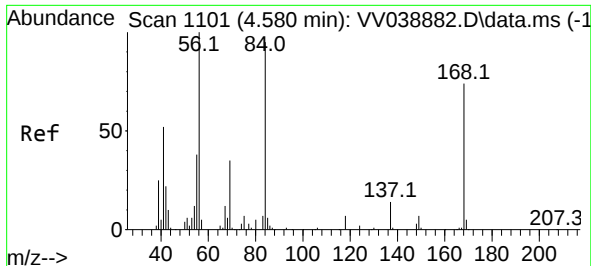
Tgt Ion:	42	Resp:	25147
Ion	Ratio	Lower	Upper
42	100		
72	48.1	41.6	62.4
71	41.7	38.4	57.6



#30
Chloroform
Concen: 2.019 ug/l
RT: 4.285 min Scan# 1009
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:	83	Resp:	26794
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.2	78.4

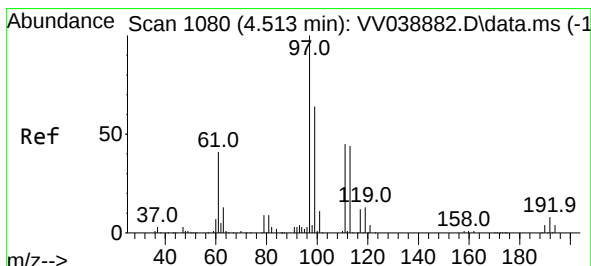
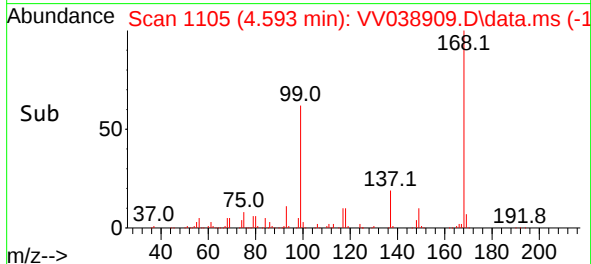
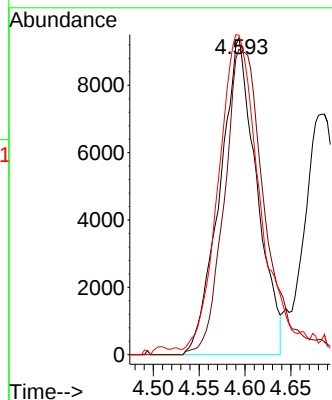
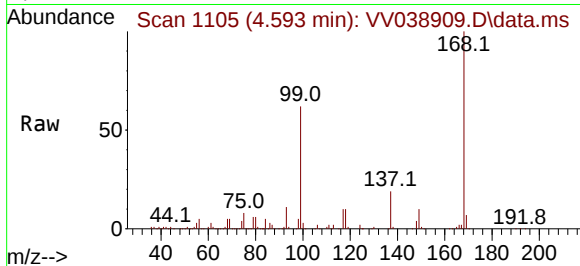




#31
Cyclohexane
Concen: 3.318 ug/l
RT: 4.593 min Scan# 1101
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

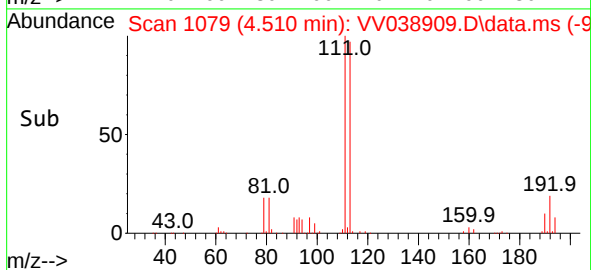
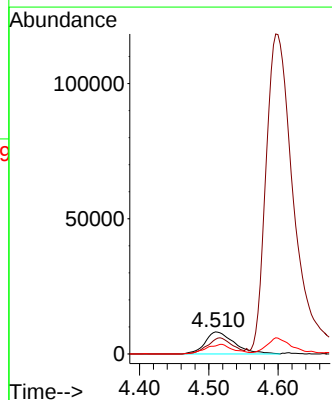
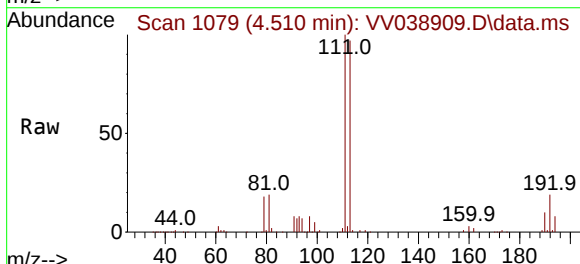
Instrument :
MSVOA_V
ClientSampleId :
MDL05

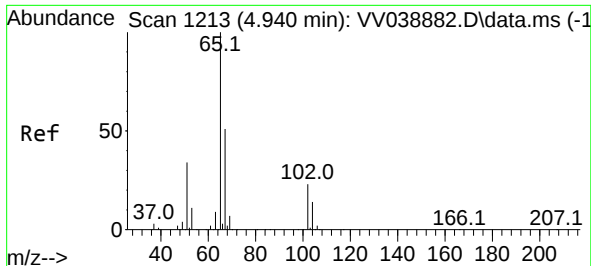
Tgt Ion: 56 Resp: 26218
Ion Ratio Lower Upper
56 100
69 96.4 28.2 42.2#
84 99.1 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 2.071 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 97 Resp: 23985
Ion Ratio Lower Upper
97 100
99 62.2 50.1 75.1
61 40.6 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 56.240 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

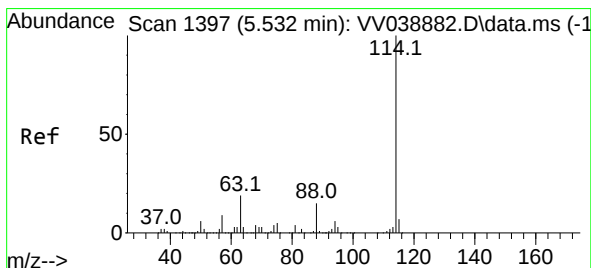
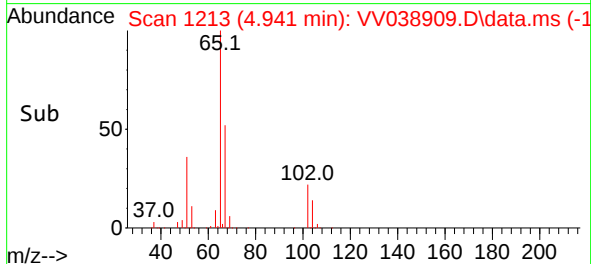
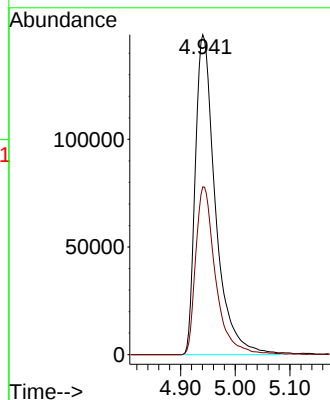
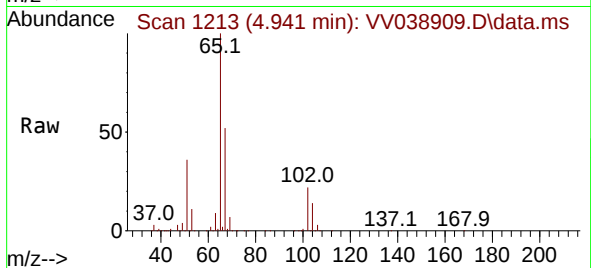
MDL05

Tgt Ion: 65 Resp: 379080

Ion Ratio Lower Upper

65 100

67 51.9 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: VV038909.D

Acq: 16 Jul 2025 15:41

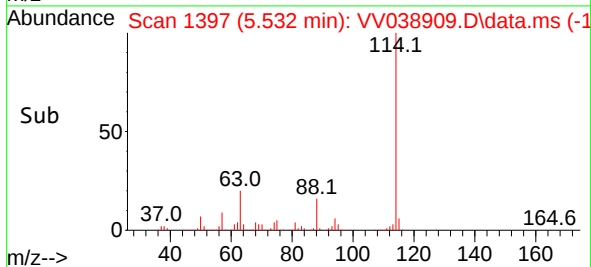
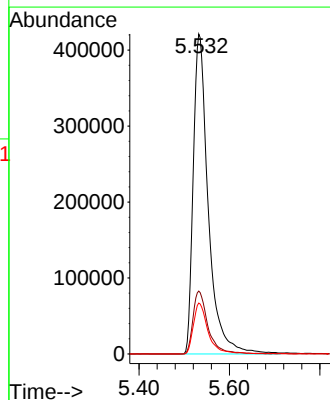
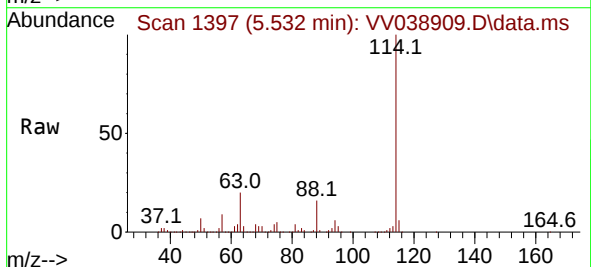
Tgt Ion: 114 Resp: 971993

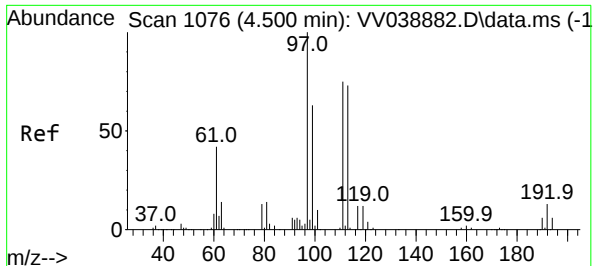
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.9 0.0 30.8

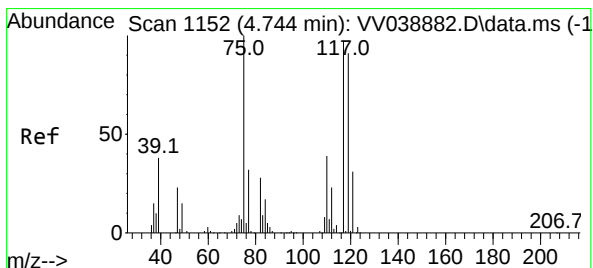
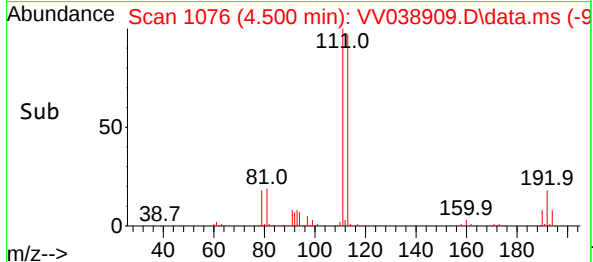
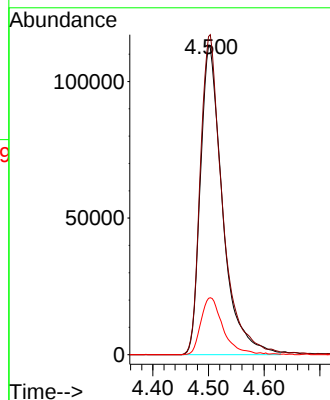
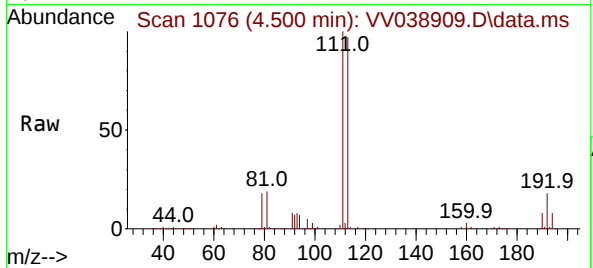




#35
 Dibromofluoromethane
 Concen: 47.171 ug/l
 RT: 4.500 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

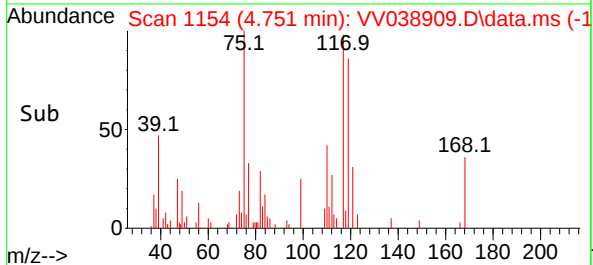
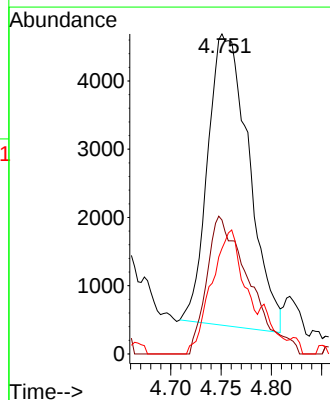
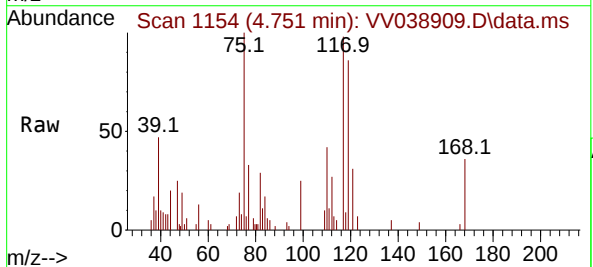
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

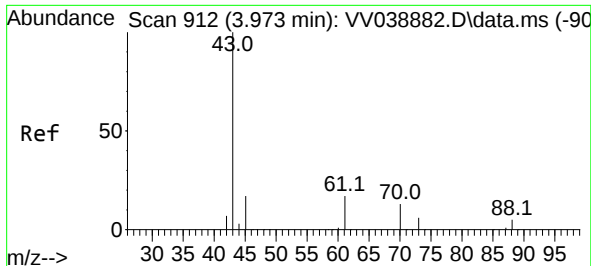
Tgt Ion:113 Resp: 312602
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.3 124.9
 192 18.4 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 1.593 ug/l
 RT: 4.751 min Scan# 1154
 Delta R.T. 0.007 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

Tgt Ion: 75 Resp: 12129
 Ion Ratio Lower Upper
 75 100
 110 48.6 18.8 56.3
 77 34.4 24.2 36.4

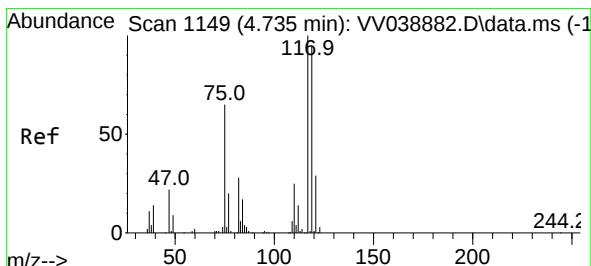
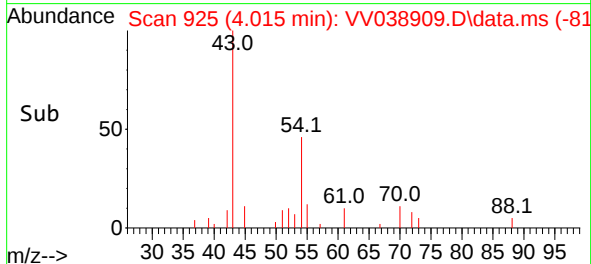
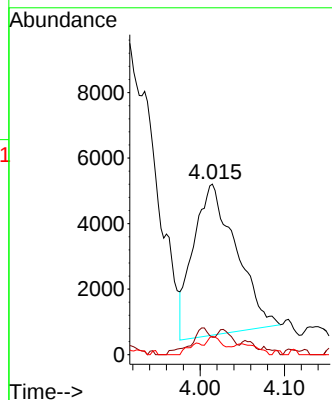
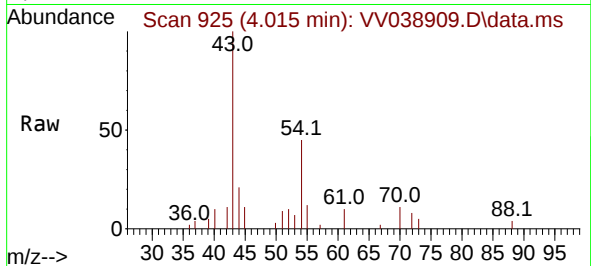




#37
Ethyl Acetate
Concen: 1.810 ug/l
RT: 4.015 min Scan# 912
Delta R.T. 0.042 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

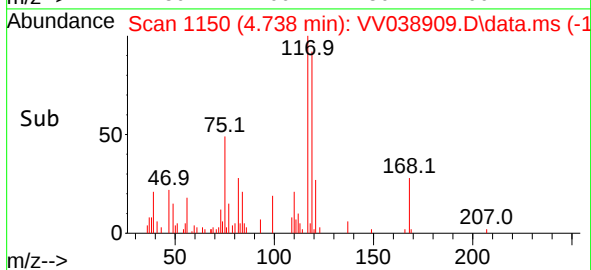
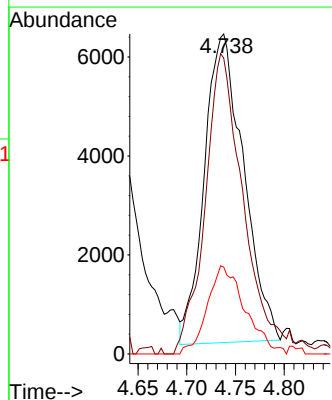
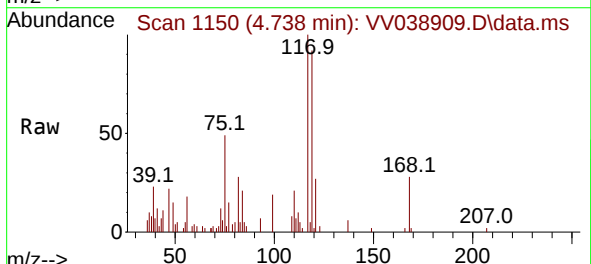
Instrument :
MSVOA_V
ClientSampleId :
MDL05

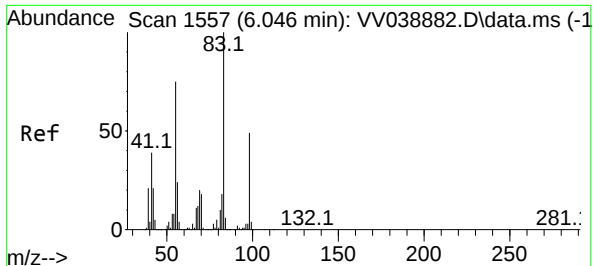
Tgt Ion:	43	Resp:	16231
Ion	Ratio	Lower	Upper
43	100		
61	4.9	11.1	16.7#
70	4.6	8.9	13.3#



#38
Carbon Tetrachloride
Concen: 1.724 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:	117	Resp:	17442
Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.0	114.0
121	28.4	23.1	34.7





#39

Methylcyclohexane

Concen: 1.761 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

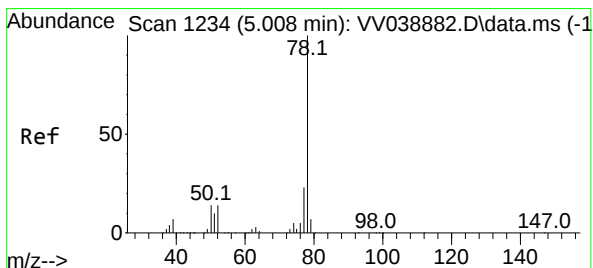
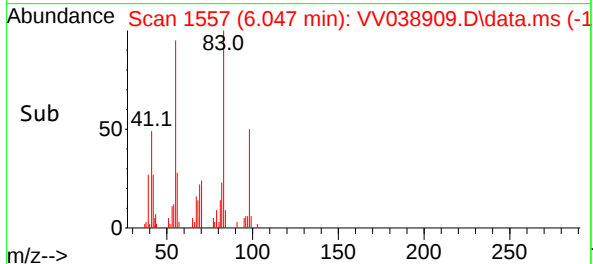
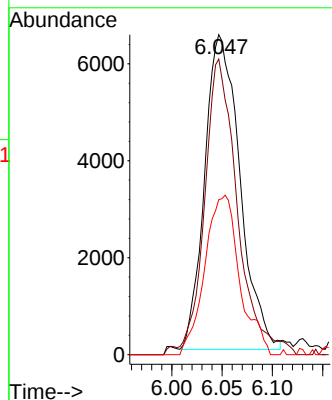
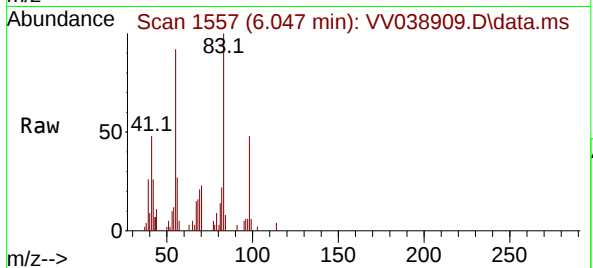
Tgt Ion: 83 Resp: 15825

Ion Ratio Lower Upper

83 100

55 91.4 60.0 90.0#

98 49.3 39.0 58.6



#40

Benzene

Concen: 1.955 ug/l

RT: 5.021 min Scan# 1238

Delta R.T. 0.013 min

Lab File: VV038909.D

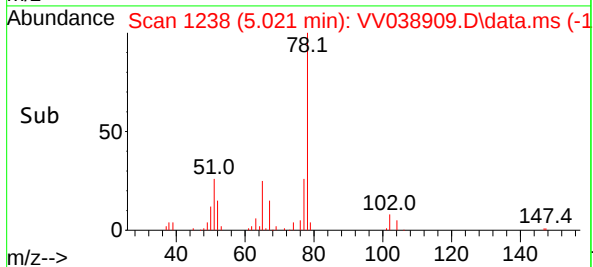
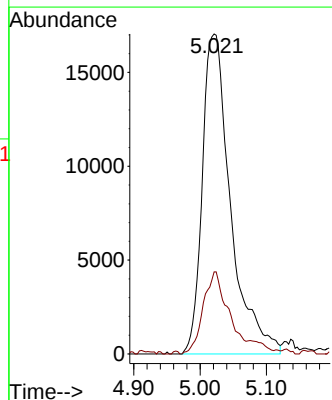
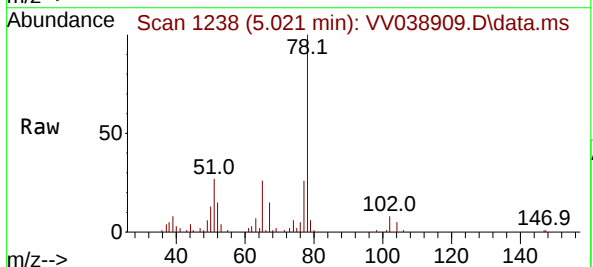
Acq: 16 Jul 2025 15:41

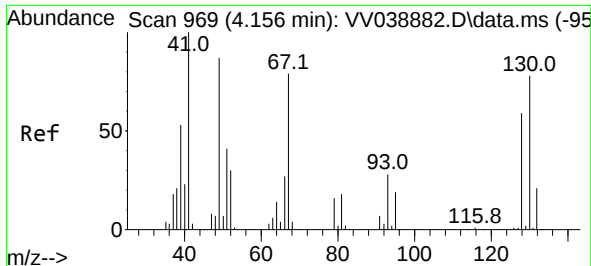
Tgt Ion: 78 Resp: 50487

Ion Ratio Lower Upper

78 100

77 25.6 18.6 28.0

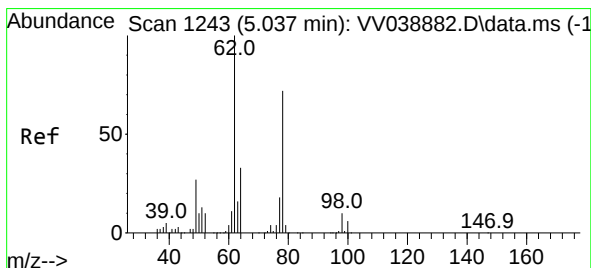
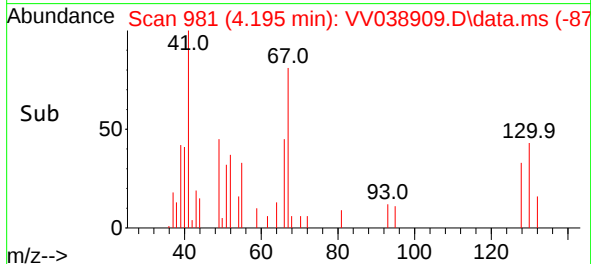
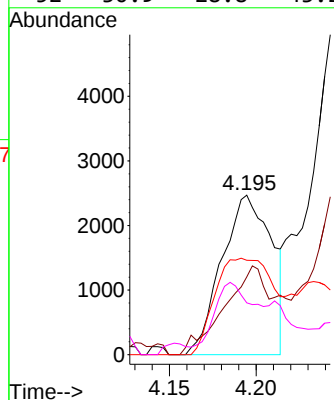
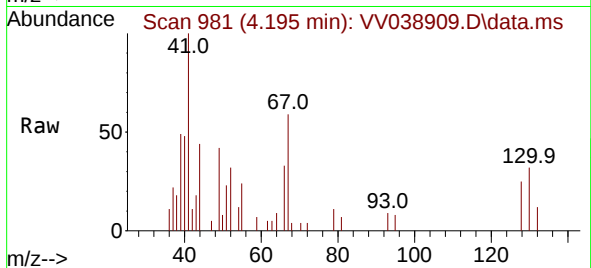




#41
Methacrylonitrile
Concen: 1.201 ug/l
RT: 4.195 min Scan# 91
Delta R.T. 0.039 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

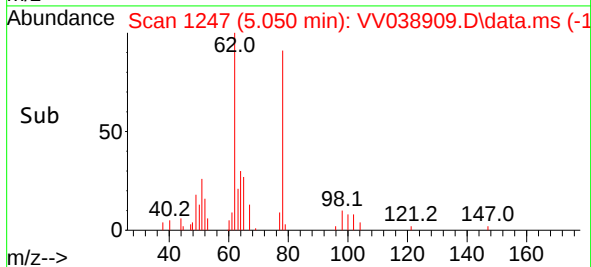
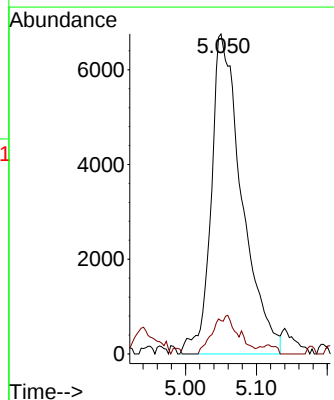
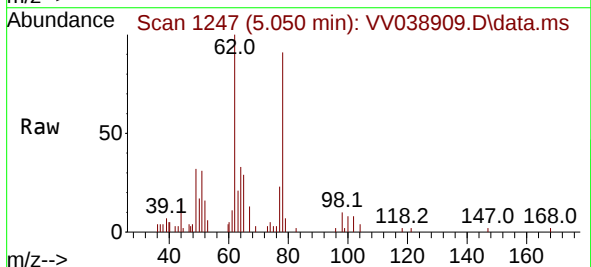
Instrument :
MSVOA_V
ClientSampleId :
MDL05

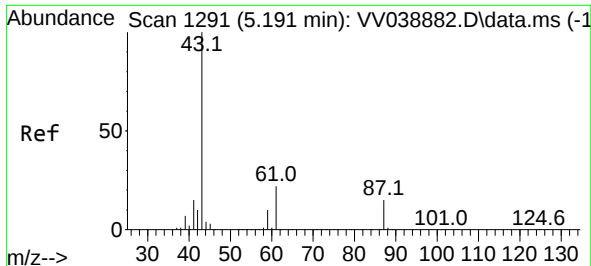
Tgt Ion:	41	Resp:	4942
Ion	Ratio	Lower	Upper
41	100		
39	49.5	42.0	63.0
67	72.3	76.2	114.2#
52	30.9	28.8	43.2



#42
1,2-Dichloroethane
Concen: 2.069 ug/l
RT: 5.050 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:	62	Resp:	20364
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.8

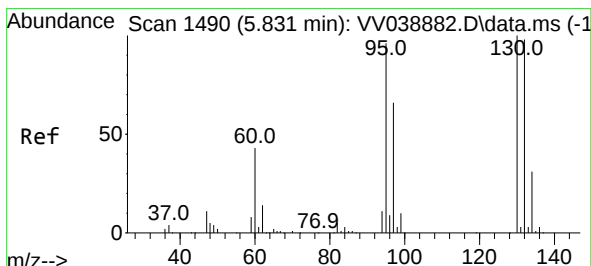
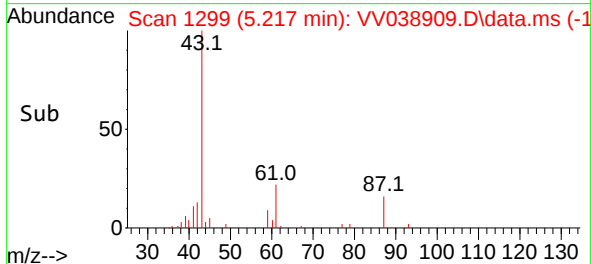
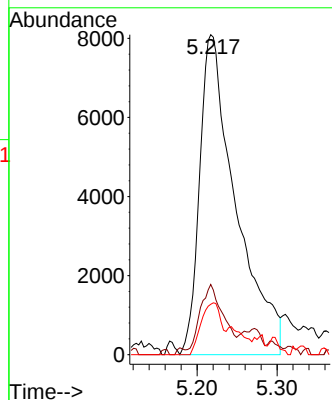
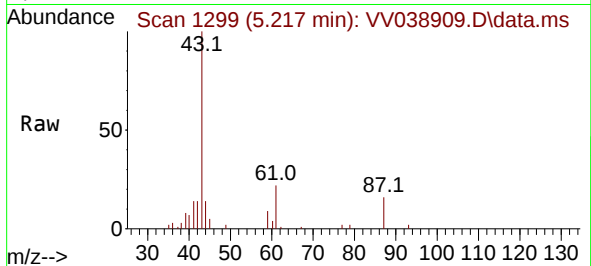




#43
Isopropyl Acetate
Concen: 1.796 ug/l
RT: 5.217 min Scan# 1299
Delta R.T. 0.026 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

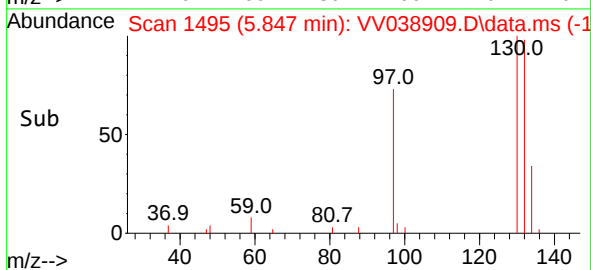
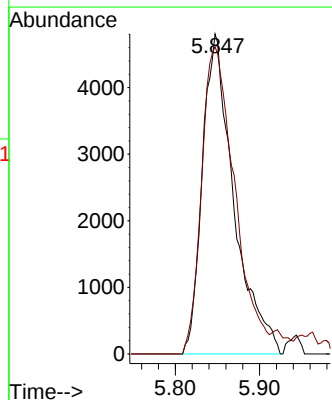
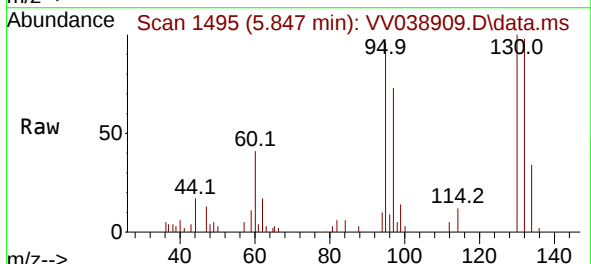
Instrument :
MSVOA_V
ClientSampleId :
MDL05

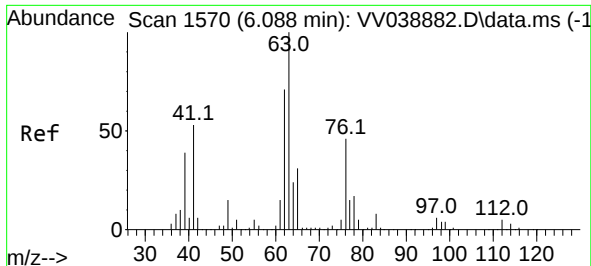
Tgt Ion: 43 Resp: 25469
Ion Ratio Lower Upper
43 100
61 14.4 17.1 25.7#
87 9.2 12.2 18.4#



#44
Trichloroethene
Concen: 1.844 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:130 Resp: 12443
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.843 ug/l

RT: 6.098 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

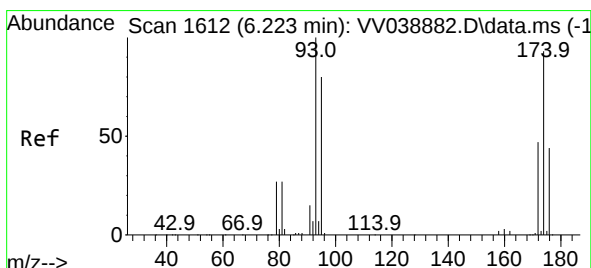
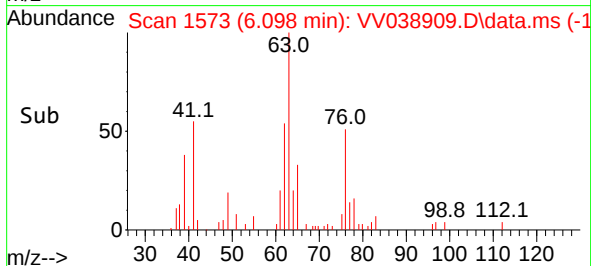
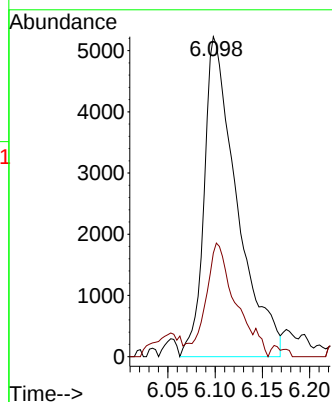
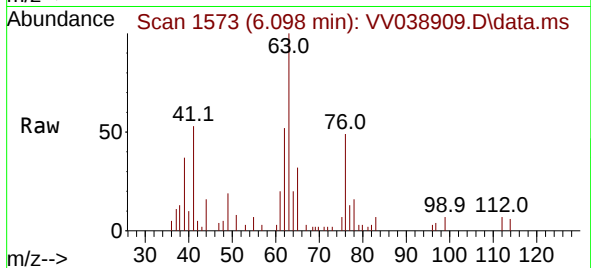
MDL05

Tgt Ion: 63 Resp: 12573

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 1.805 ug/l

RT: 6.246 min Scan# 1619

Delta R.T. 0.023 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

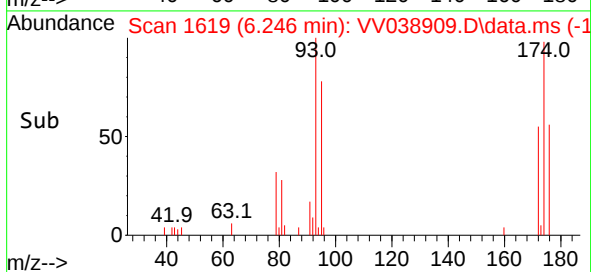
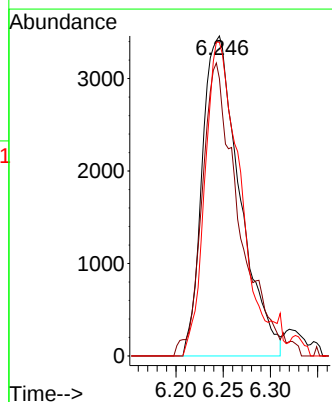
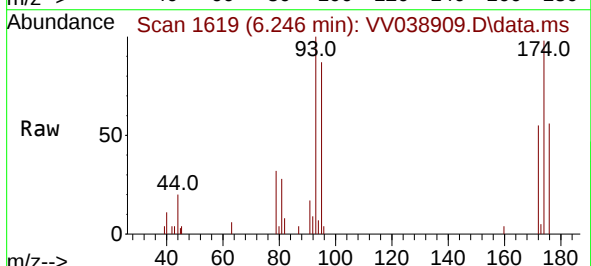
Tgt Ion: 93 Resp: 9527

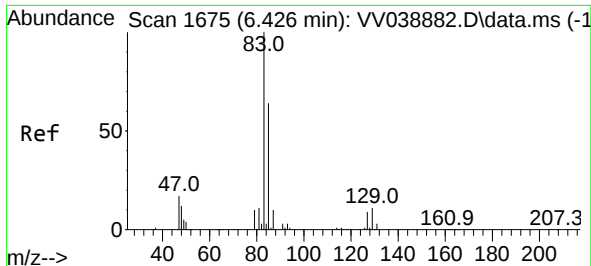
Ion Ratio Lower Upper

93 100

95 90.7 66.2 99.4

174 92.1 75.3 112.9

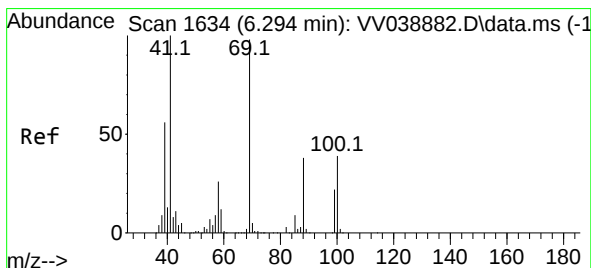
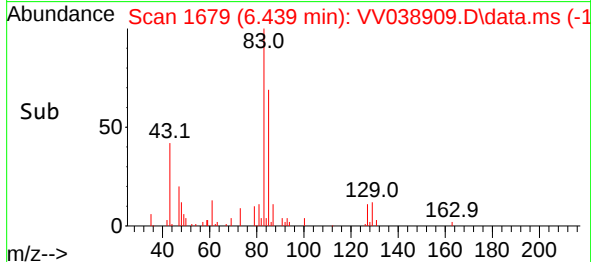
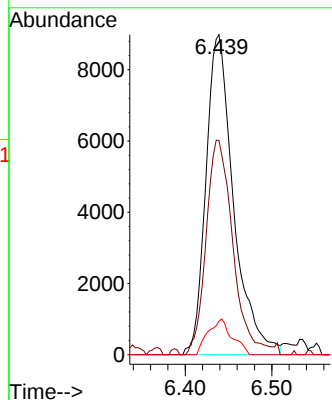
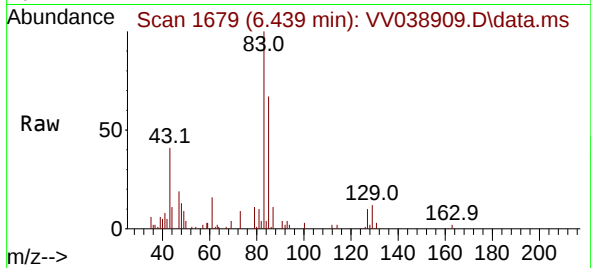




#47
Bromodichloromethane
Concen: 1.781 ug/l
RT: 6.439 min Scan# 1675
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

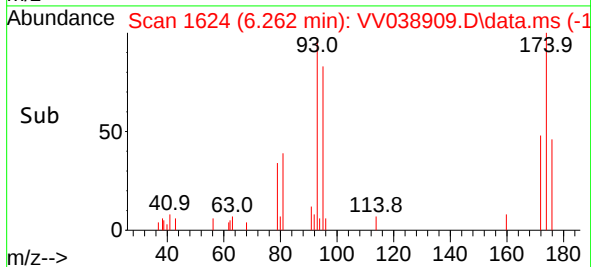
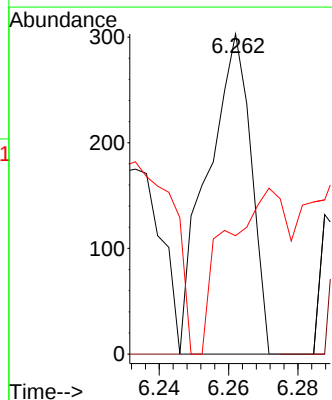
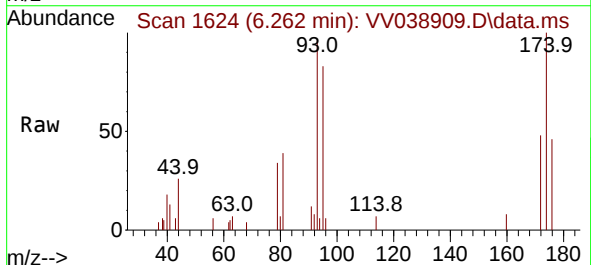
Instrument :
MSVOA_V
ClientSampleId :
MDL05

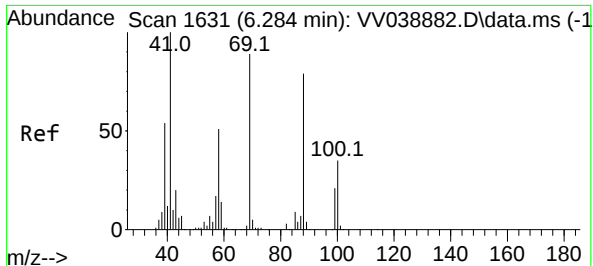
Tgt Ion: 83 Resp: 19941
Ion Ratio Lower Upper
83 100
85 66.9 51.4 77.0
127 10.5 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.043 ug/l
RT: 6.262 min Scan# 1624
Delta R.T. -0.032 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 41 Resp: 265
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 73.6 44.0 66.0#





#49

1,4-Dioxane

Concen: 16.545 ug/l

RT: 6.313 min Scan# 1

Delta R.T. 0.029 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

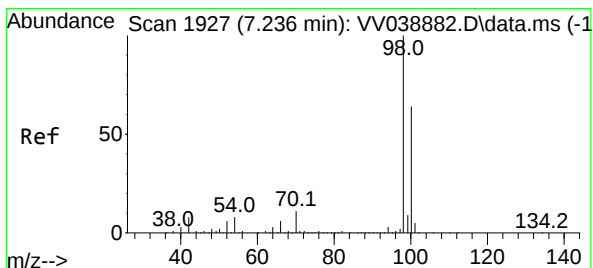
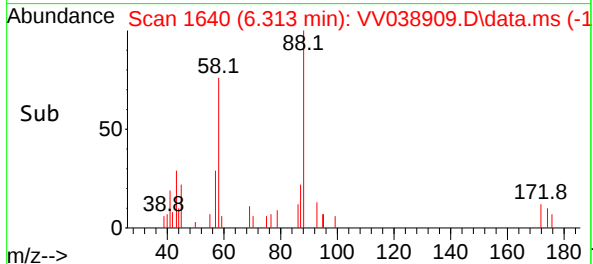
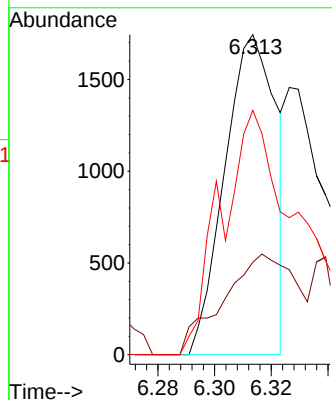
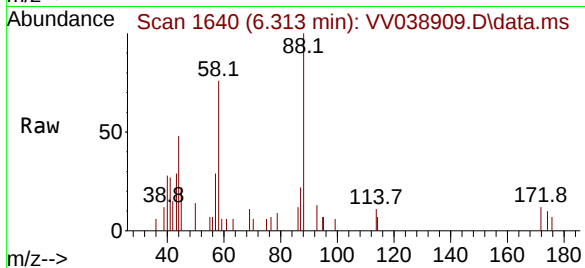
Tgt Ion: 88 Resp: 2194

Ion Ratio Lower Upper

88 100

43 44.7 23.0 34.4#

58 129.4 53.8 80.6#



#50

Toluene-d8

Concen: 55.063 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038909.D

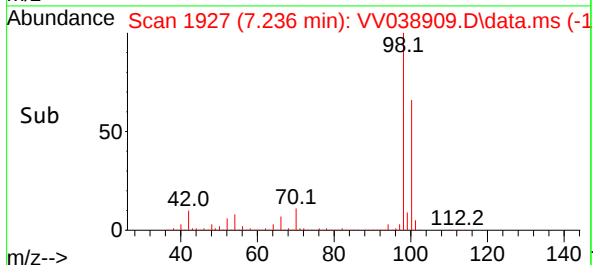
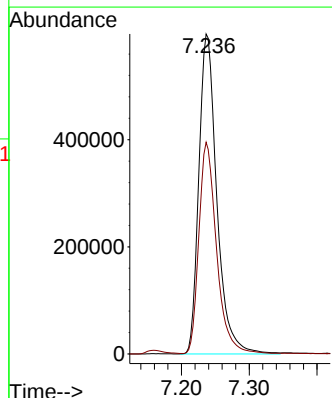
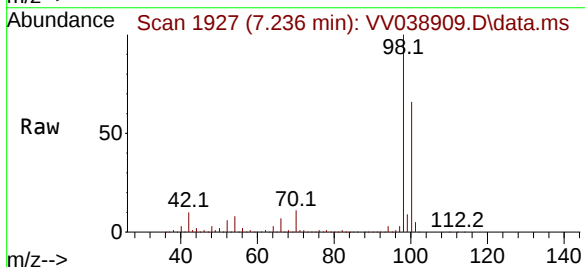
Acq: 16 Jul 2025 15:41

Tgt Ion: 98 Resp: 1103003

Ion Ratio Lower Upper

98 100

100 64.7 52.9 79.3

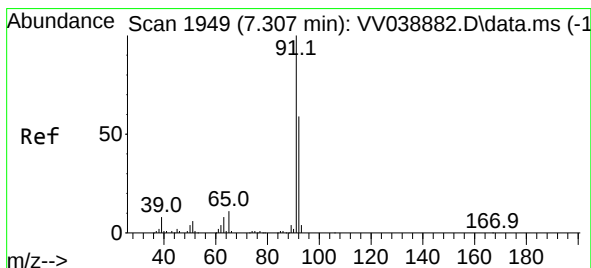
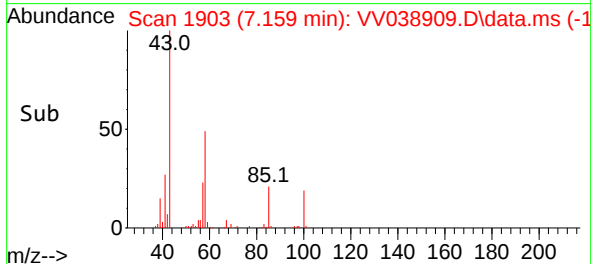
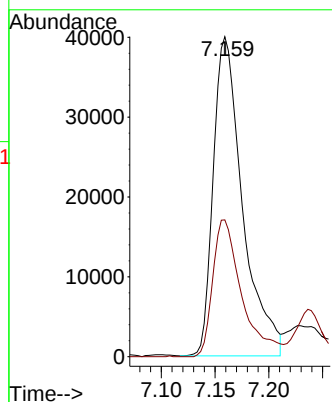
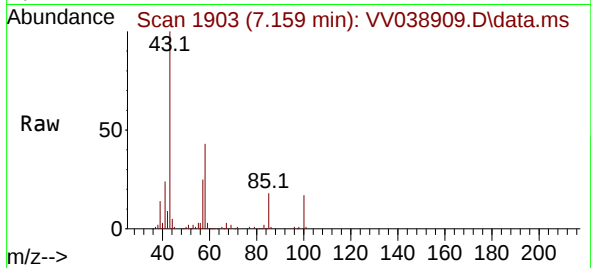




#51
4-Methyl-2-Pentanone
Concen: 7.840 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

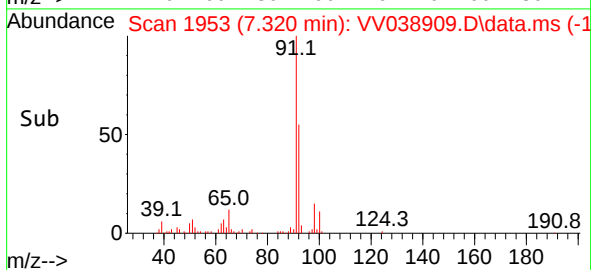
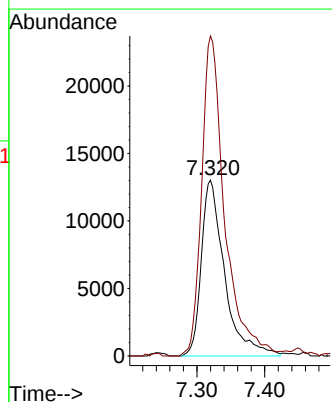
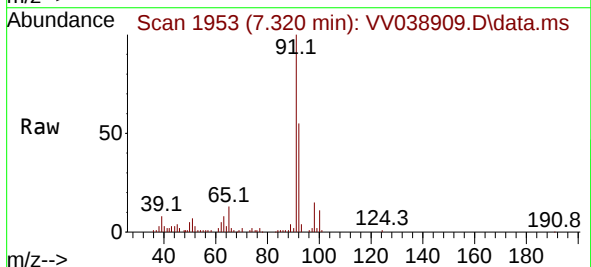
Instrument :
MSVOA_V
ClientSampleId :
MDL05

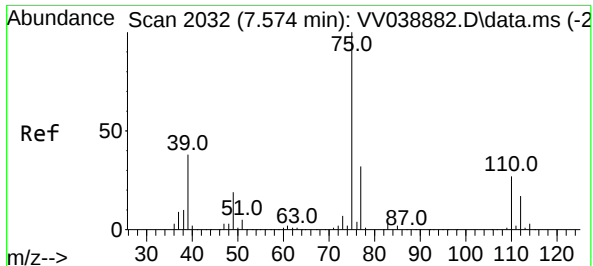
Tgt Ion: 43 Resp: 75707
Ion Ratio Lower Upper
43 100
58 42.8 34.5 51.7



#52
Toluene
Concen: 1.907 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 92 Resp: 31021
Ion Ratio Lower Upper
92 100
91 179.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 1.736 ug/l

RT: 7.596 min Scan# 2032

Delta R.T. 0.023 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

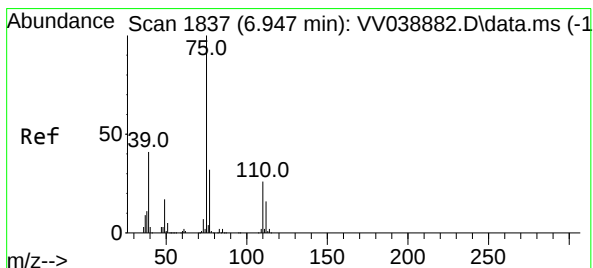
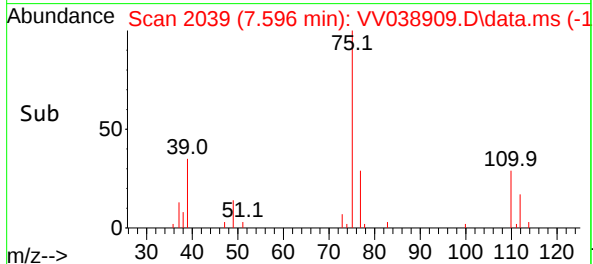
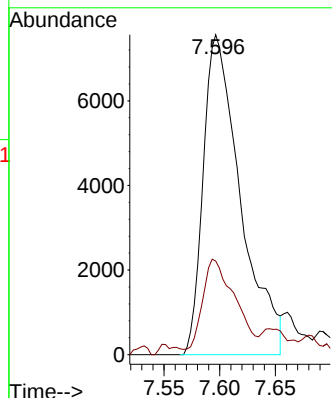
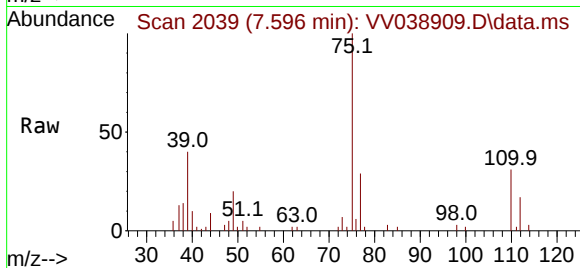
MDL05

Tgt Ion: 75 Resp: 17588

Ion Ratio Lower Upper

75 100

77 27.4 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 1.720 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

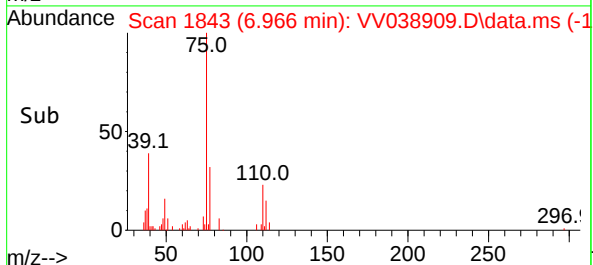
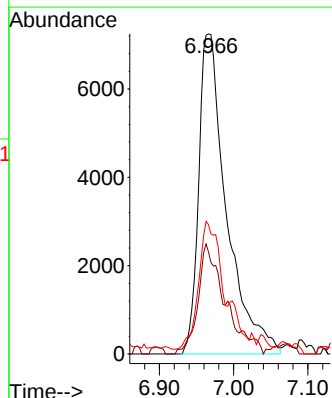
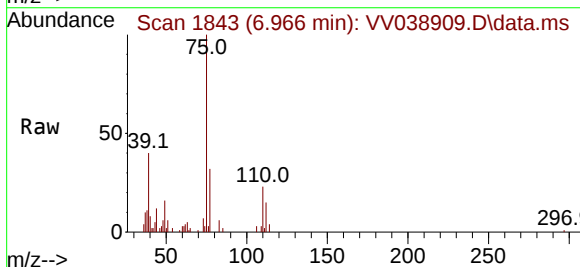
Tgt Ion: 75 Resp: 18846

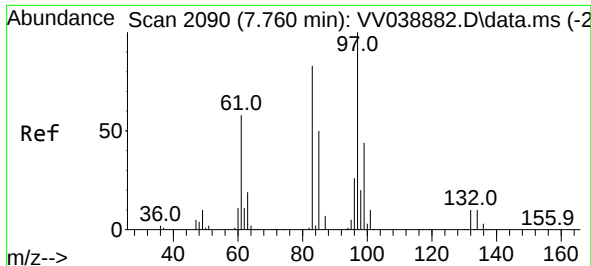
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 38.4 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 1.931 ug/l

RT: 7.773 min Scan# 2090

Delta R.T. 0.013 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 15014

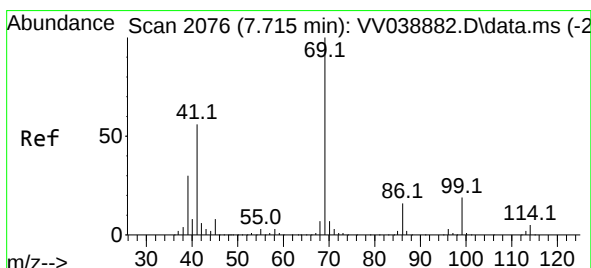
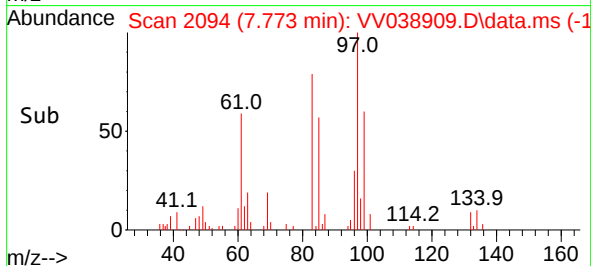
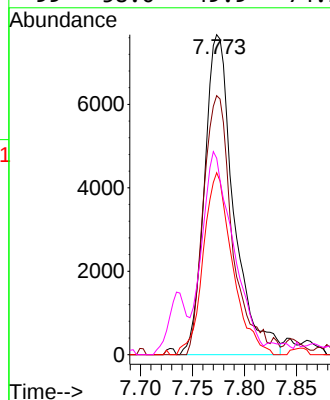
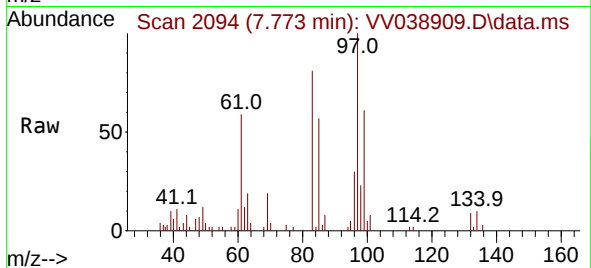
Ion Ratio Lower Upper

97 100

83 80.9 66.2 99.4

85 56.9 41.4 62.2

99 58.0 49.9 74.9



#56

Ethyl methacrylate

Concen: 1.398 ug/l

RT: 7.741 min Scan# 2084

Delta R.T. 0.026 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

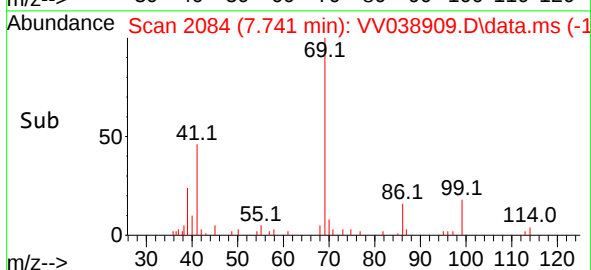
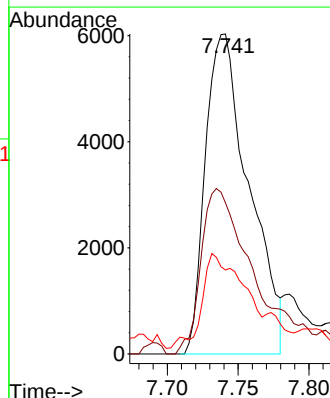
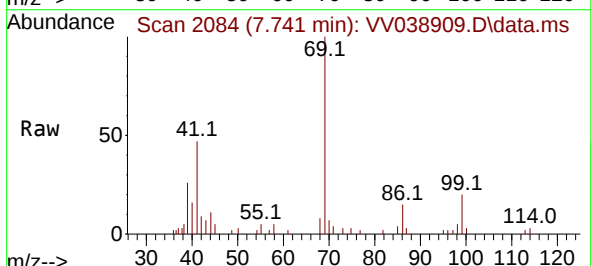
Tgt Ion: 69 Resp: 12917

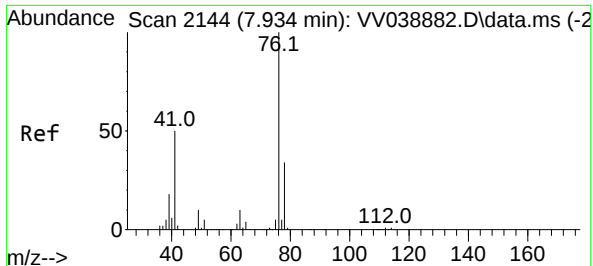
Ion Ratio Lower Upper

69 100

41 63.0 45.7 68.5

39 28.5 23.8 35.8

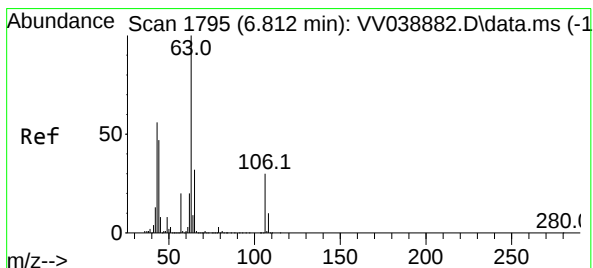
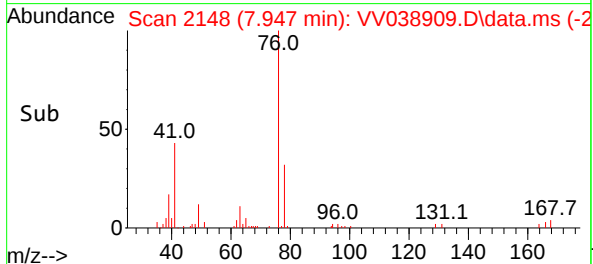
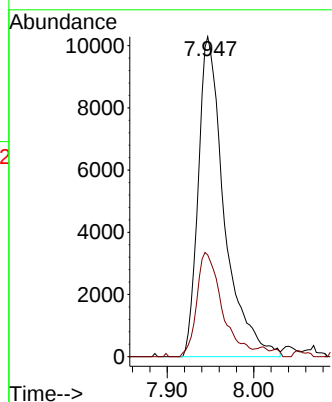
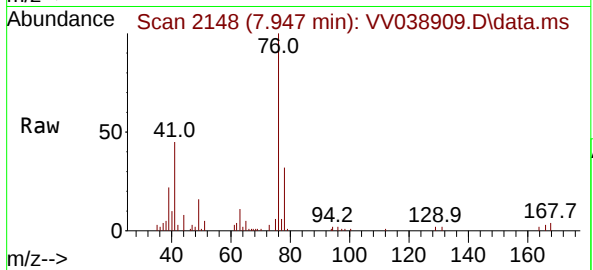




#57
1,3-Dichloropropane
Concen: 1.840 ug/l
RT: 7.947 min Scan# 2148
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

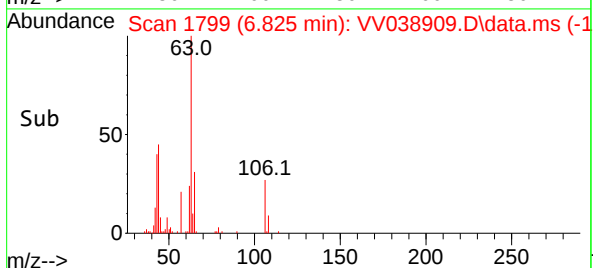
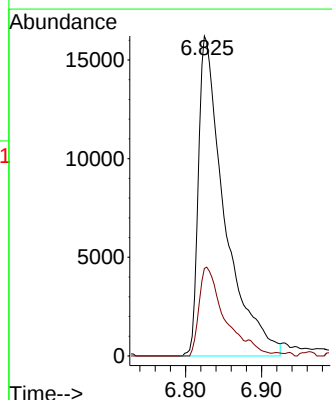
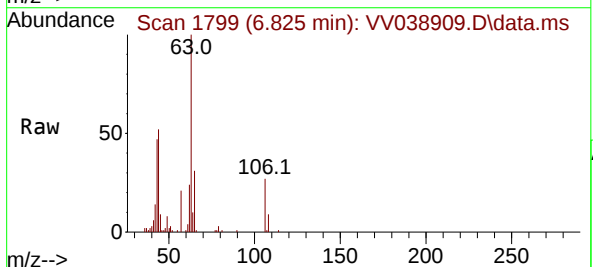
Instrument :
MSVOA_V
ClientSampleId :
MDL05

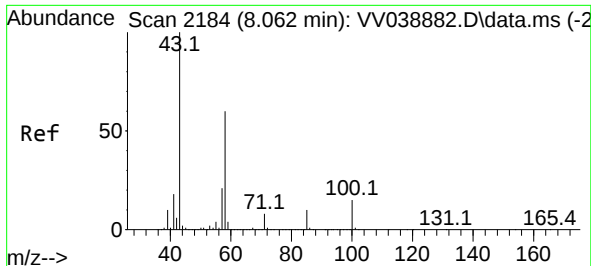
Tgt Ion: 76 Resp: 21451
Ion Ratio Lower Upper
76 100
78 31.5 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 6.956 ug/l
RT: 6.825 min Scan# 1799
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 63 Resp: 38783
Ion Ratio Lower Upper
63 100
106 27.4 24.1 36.1

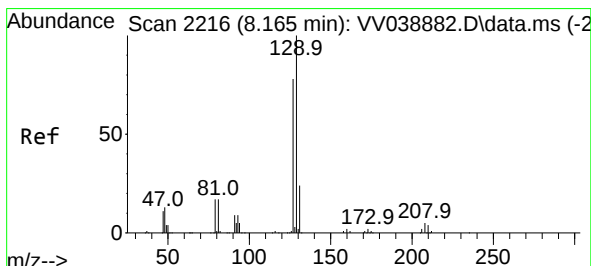
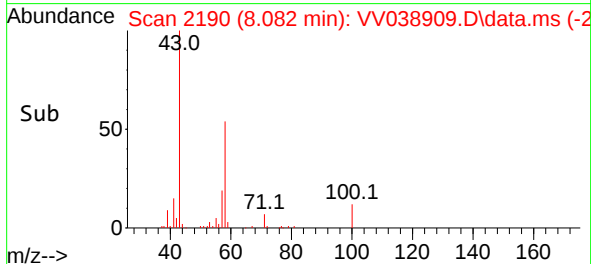
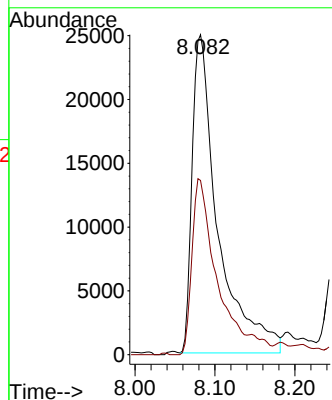
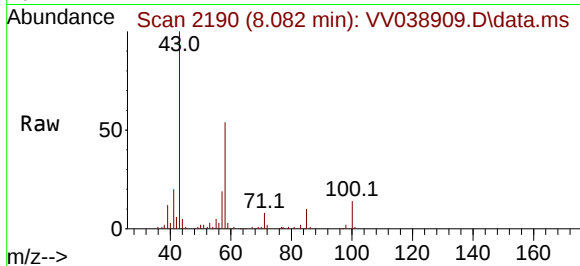




#59
2-Hexanone
Concen: 7.764 ug/l
RT: 8.082 min Scan# 2184
Delta R.T. 0.020 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

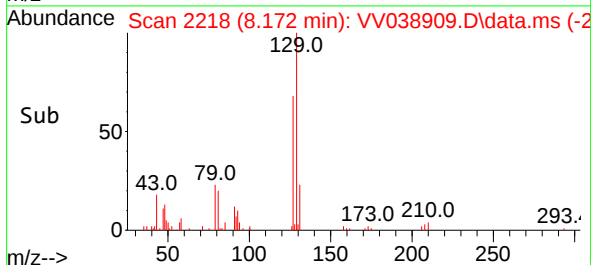
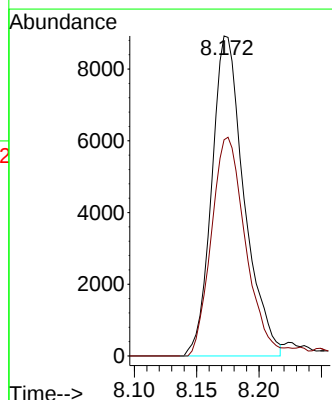
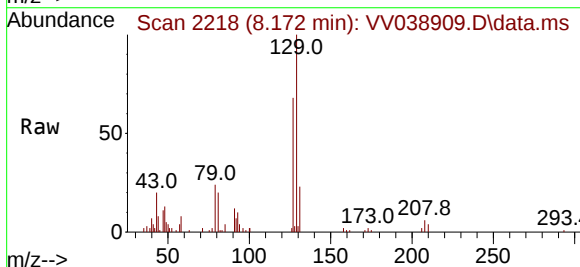
Instrument :
MSVOA_V
ClientSampleId :
MDL05

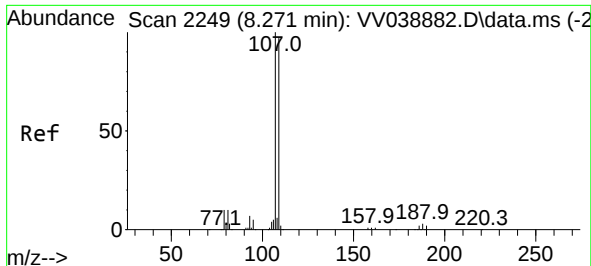
Tgt Ion: 43 Resp: 55812
Ion Ratio Lower Upper
43 100
58 51.4 29.6 88.8



#60
Dibromochloromethane
Concen: 1.764 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 129 Resp: 16148
Ion Ratio Lower Upper
129 100
127 72.5 39.4 118.2

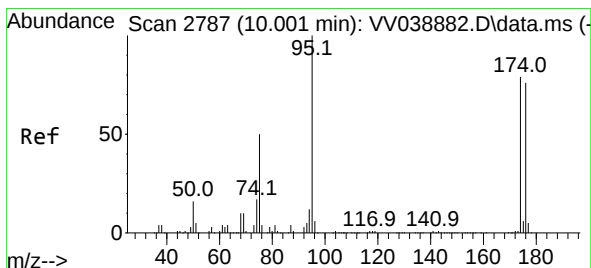
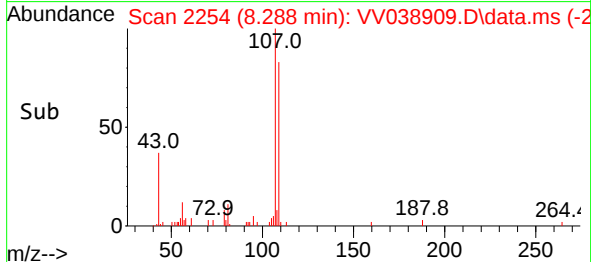
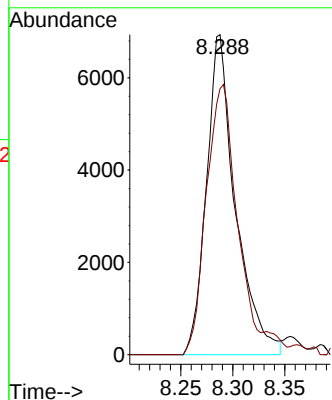
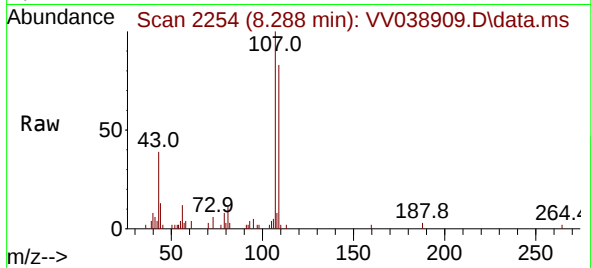




#61
1,2-Dibromoethane
Concen: 1.714 ug/l
RT: 8.288 min Scan# 211
Delta R.T. 0.016 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

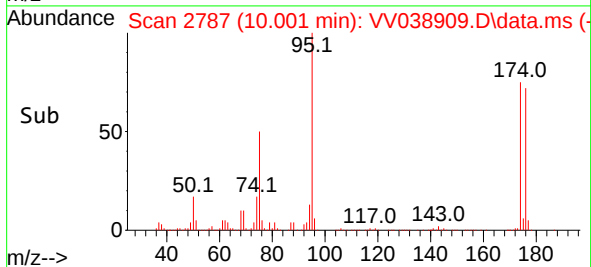
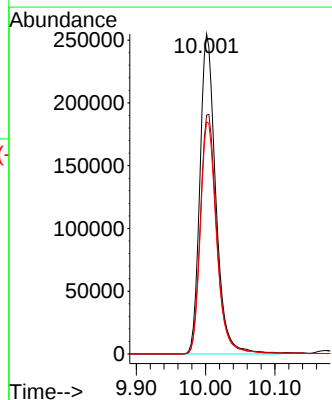
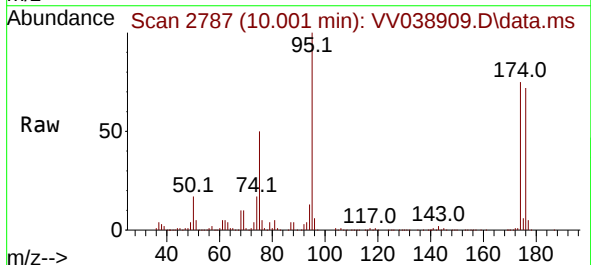
Instrument :
MSVOA_V
ClientSampleId :
MDL05

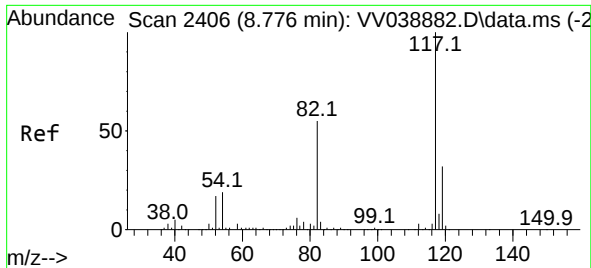
Tgt Ion:107 Resp: 13426
Ion Ratio Lower Upper
107 100
109 93.3 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 95 Resp: 404447
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 74.2 0.0 152.2

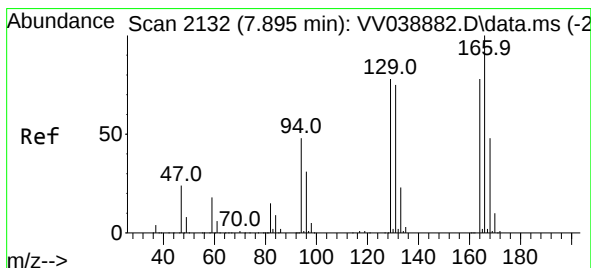
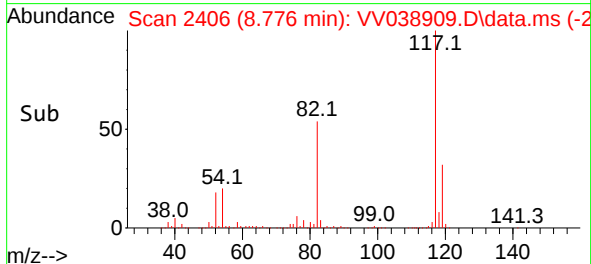
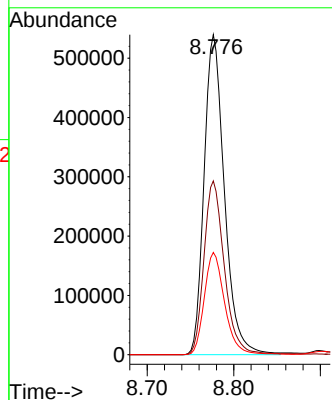
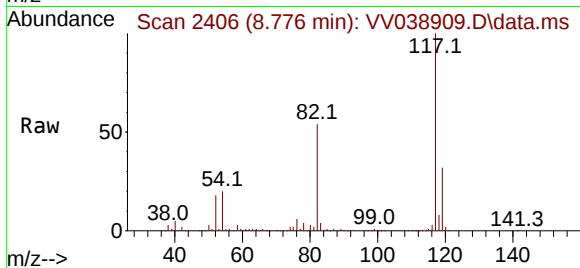




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

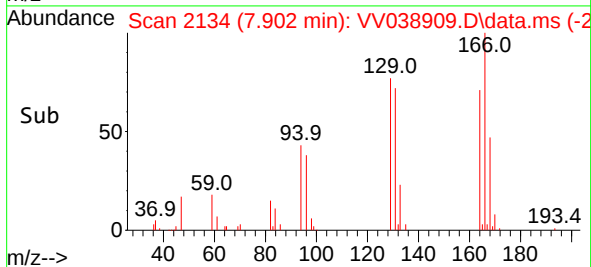
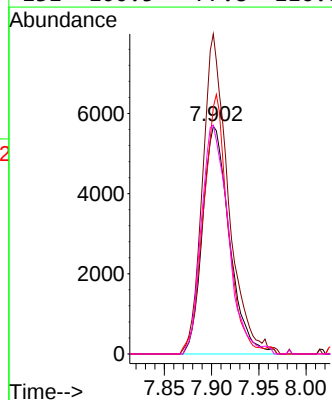
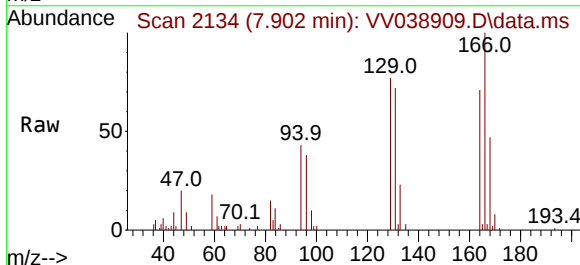
Instrument :
MSVOA_V
ClientSampleId :
MDL05

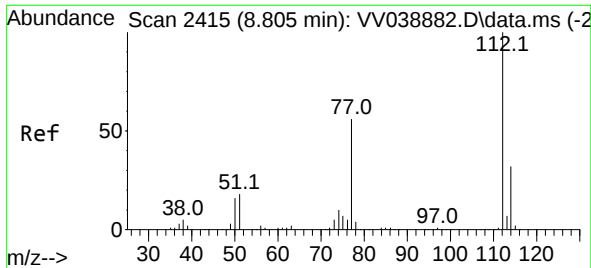
Tgt Ion:117 Resp: 880946
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 1.946 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:164 Resp: 11242
Ion Ratio Lower Upper
164 100
166 140.5 103.2 154.8
129 108.4 81.0 121.4
131 100.5 77.8 116.8

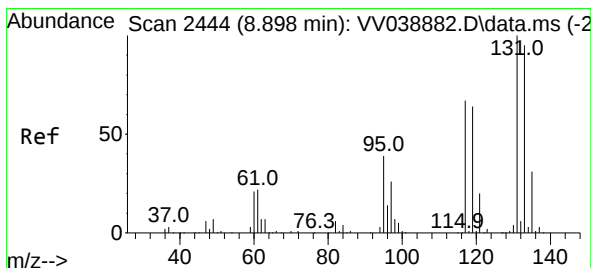
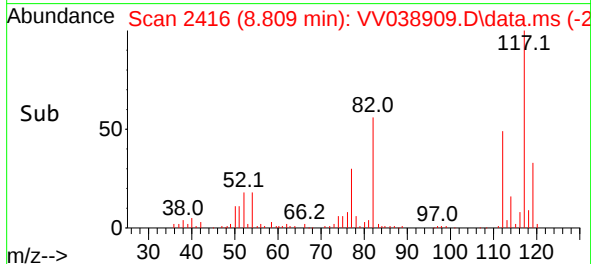
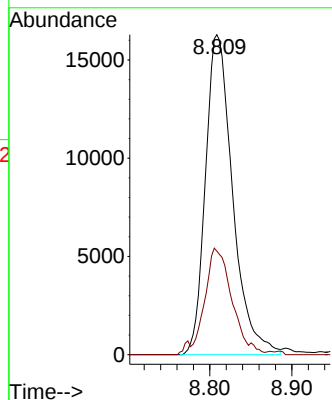
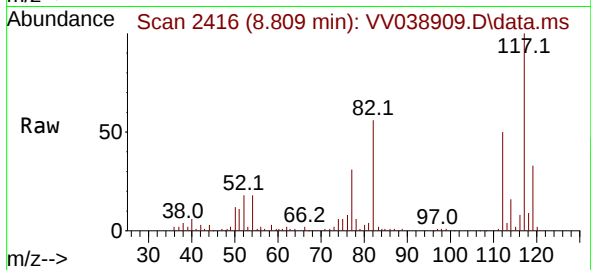




#65
Chlorobenzene
Concen: 1.950 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

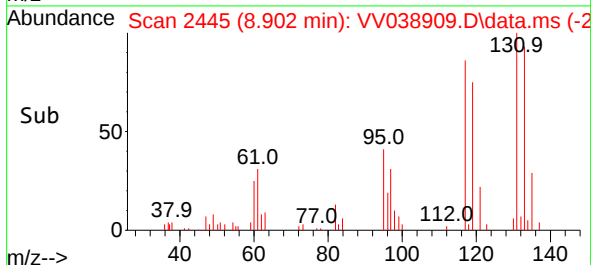
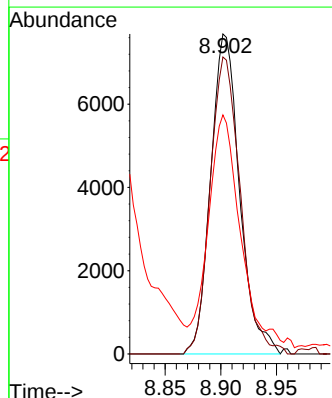
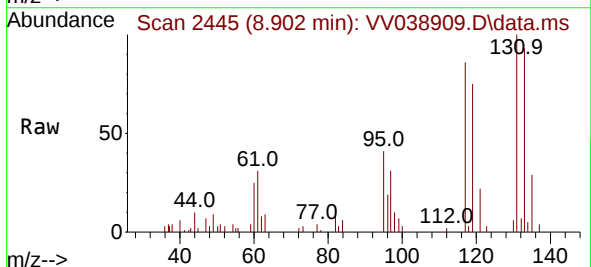
Instrument :
MSVOA_V
ClientSampleId :
MDL05

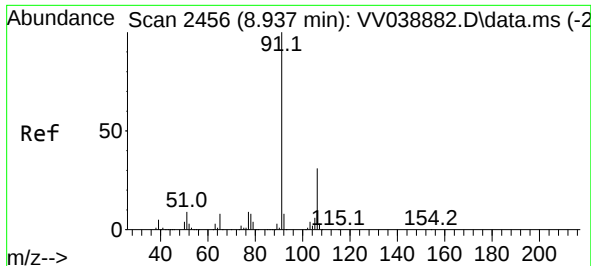
Tgt Ion:112 Resp: 37543
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 1.809 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:131 Resp: 13889
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 77.5 32.0 96.2

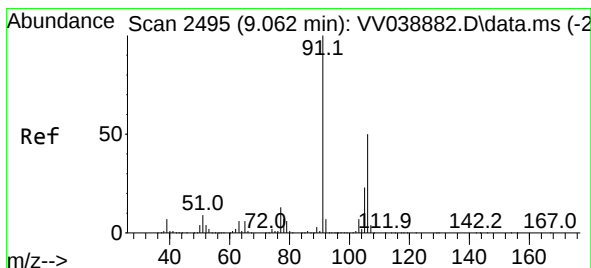
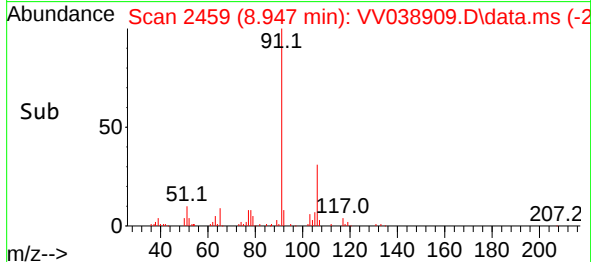
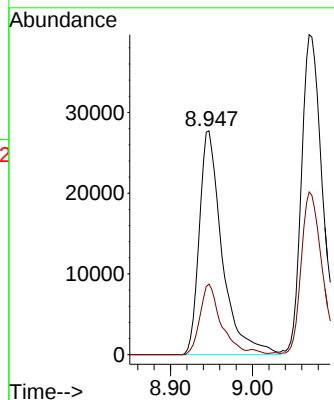
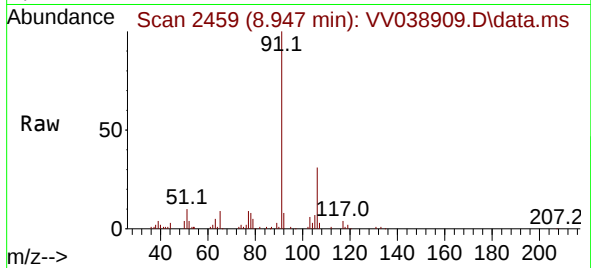




#67
Ethyl Benzene
Concen: 1.881 ug/l
RT: 8.947 min Scan# 2456
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

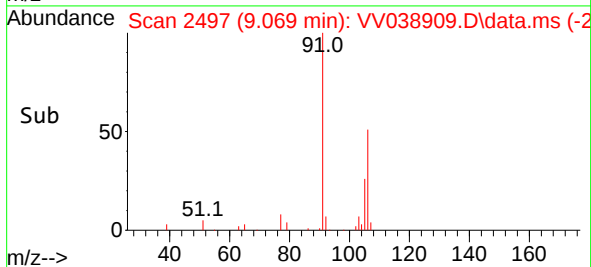
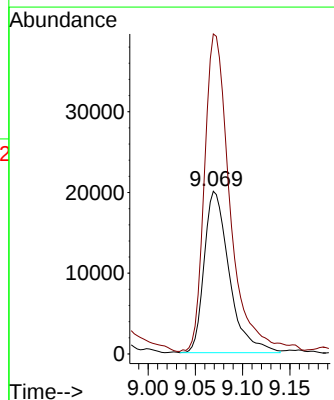
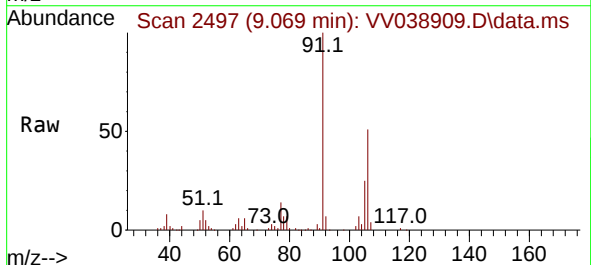
Instrument :
MSVOA_V
ClientSampleId :
MDL05

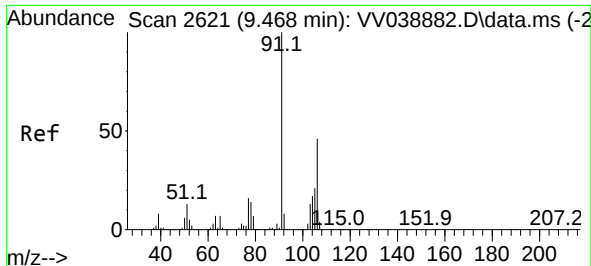
Tgt Ion: 91 Resp: 53769
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 3.320 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 106 Resp: 36941
Ion Ratio Lower Upper
106 100
91 201.5 161.0 241.6

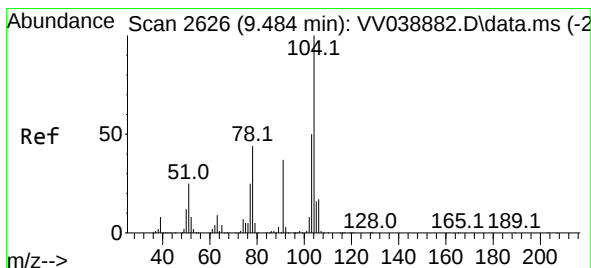
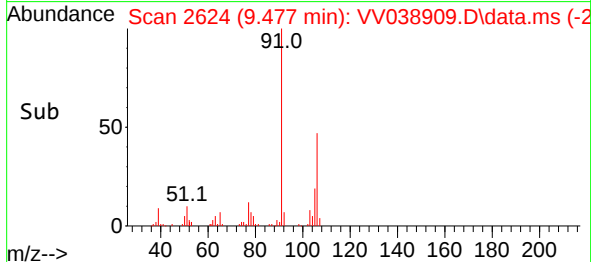
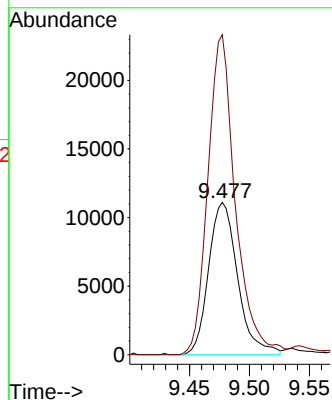
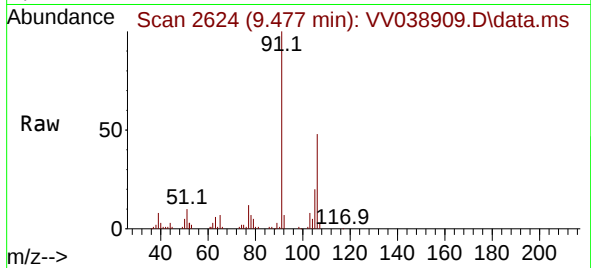




#69
o-Xylene
Concen: 1.782 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

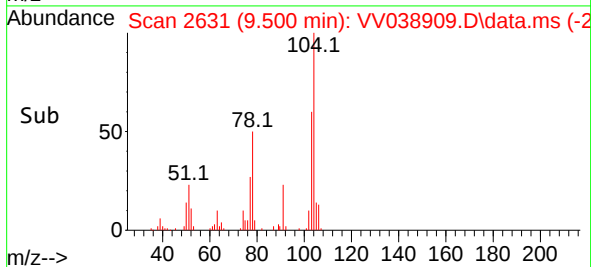
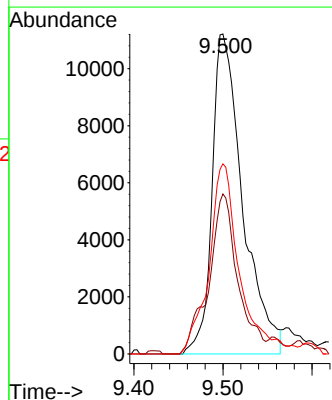
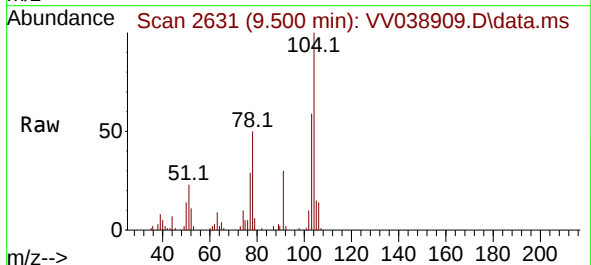
Instrument :
MSVOA_V
ClientSampleId :
MDL05

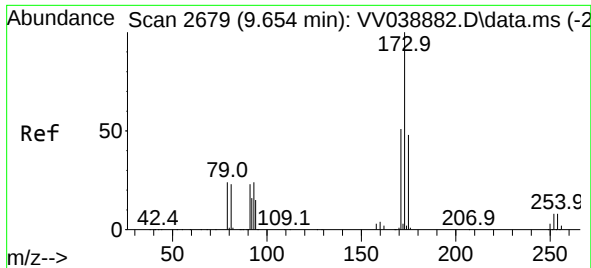
Tgt Ion:106 Resp: 18713
Ion Ratio Lower Upper
106 100
91 198.8 108.9 326.6



#70
Styrene
Concen: 1.439 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:104 Resp: 26710
Ion Ratio Lower Upper
104 100
78 47.7 39.9 59.9
103 59.0 43.4 65.2

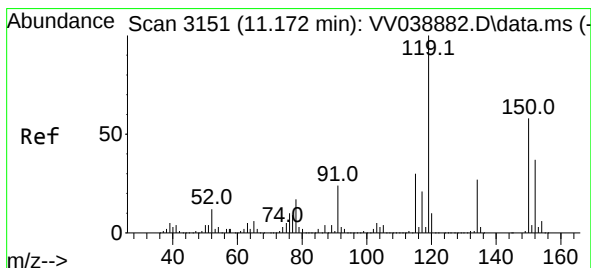
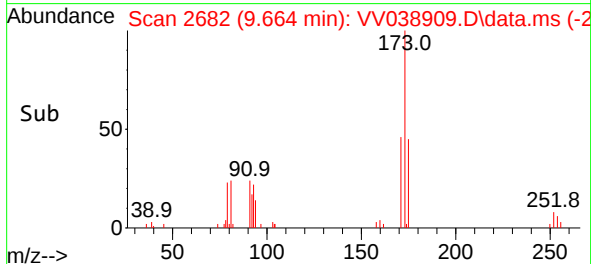
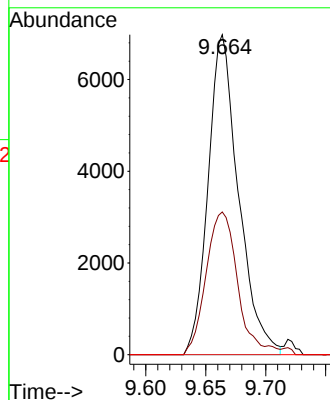
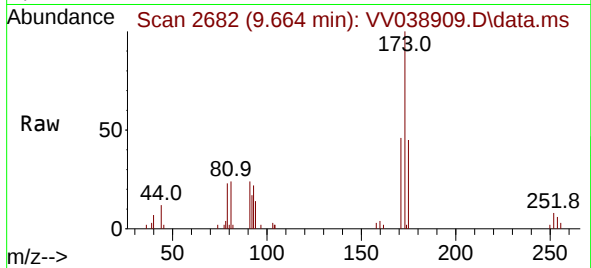




#71
Bromoform
Concen: 1.972 ug/l
RT: 9.664 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

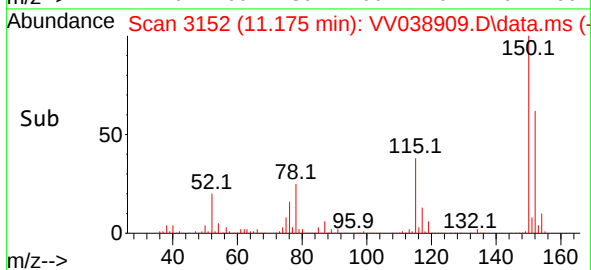
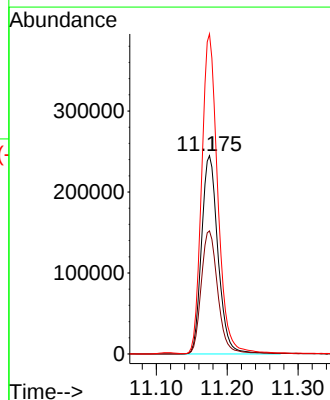
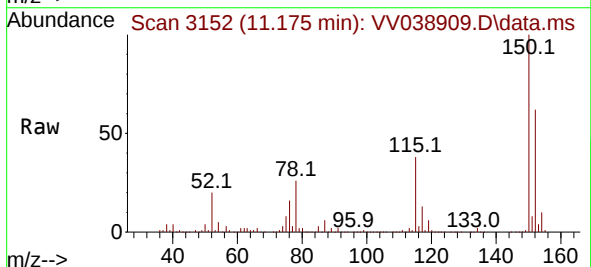
Instrument :
MSVOA_V
ClientSampleId :
MDL05

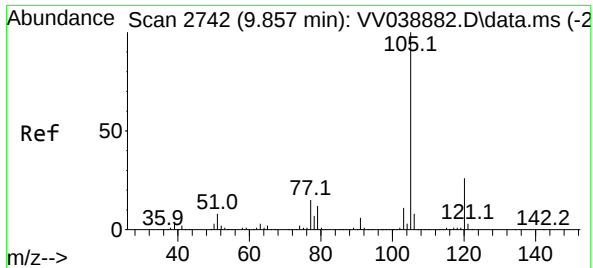
Tgt Ion:173 Resp: 12306
Ion Ratio Lower Upper
173 100
175 46.3 23.5 70.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:152 Resp: 395293
Ion Ratio Lower Upper
152 100
115 62.6 41.8 125.4
150 157.4 0.0 342.4

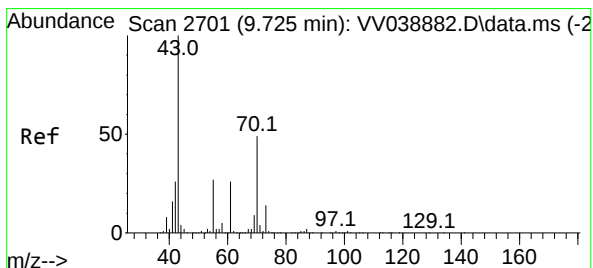
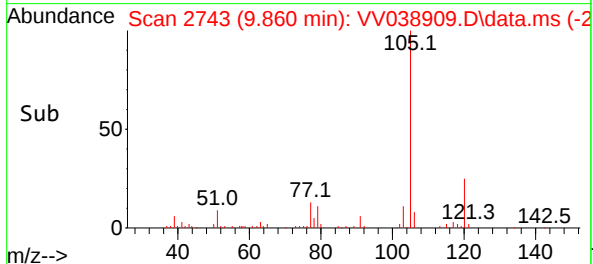
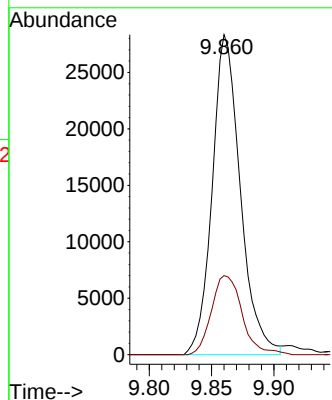
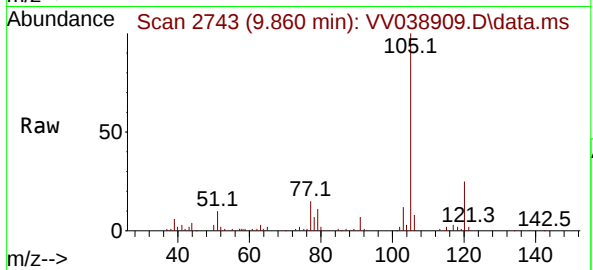




#73
Isopropylbenzene
Concen: 1.884 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

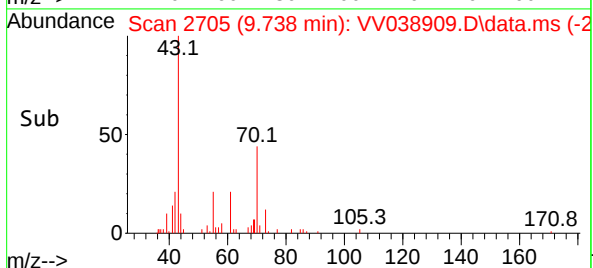
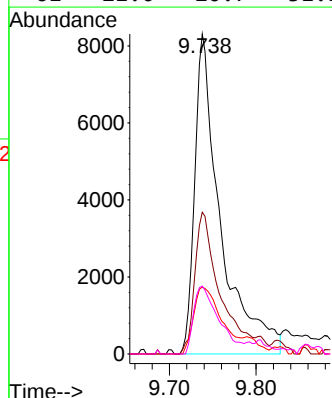
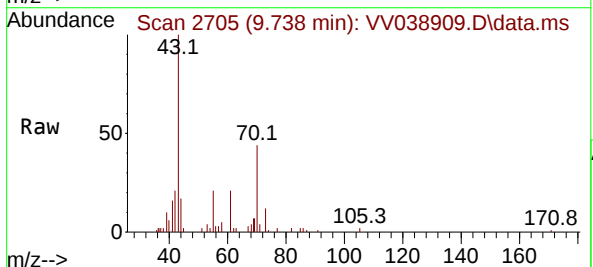
Instrument :
MSVOA_V
ClientSampleId :
MDL05

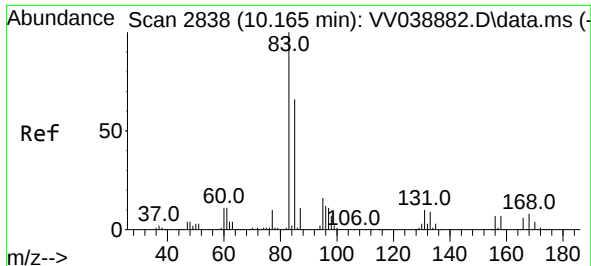
Tgt Ion:105 Resp: 44492
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.7



#74
N-ethyl acetate
Concen: 1.989 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 43 Resp: 17208
Ion Ratio Lower Upper
43 100
70 43.0 38.6 58.0
55 22.6 21.8 32.8
61 21.0 20.7 31.1

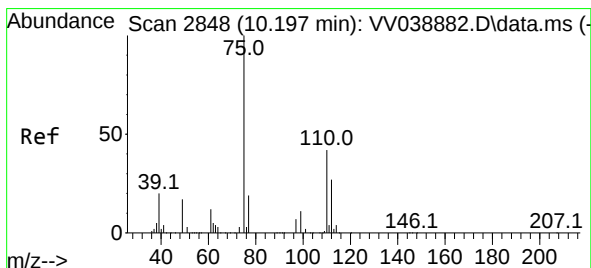
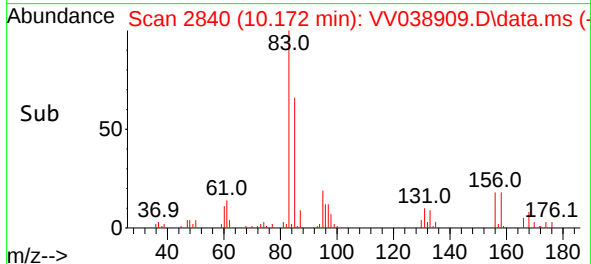
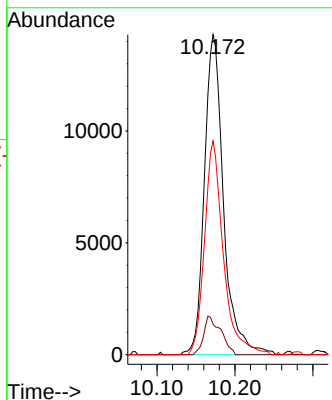
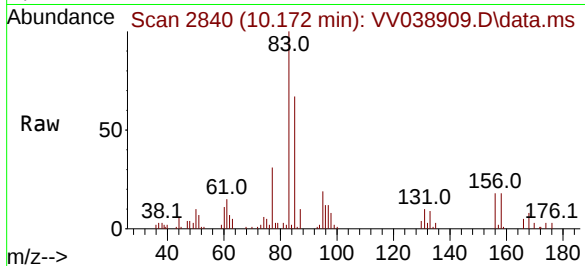




#75
1,1,2,2-Tetrachloroethane
Concen: 2.468 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

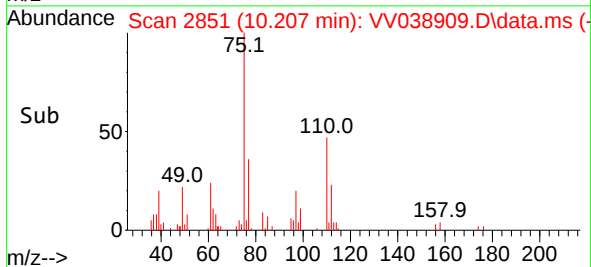
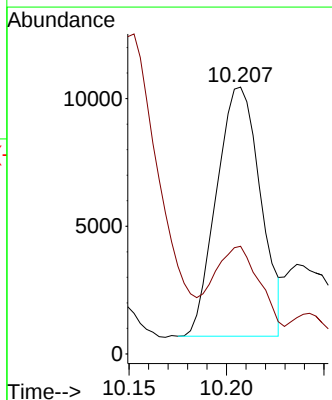
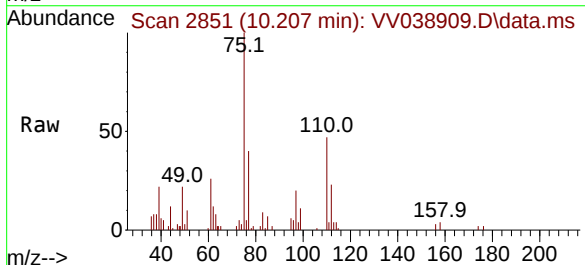
Instrument :
MSVOA_V
ClientSampleId :
MDL05

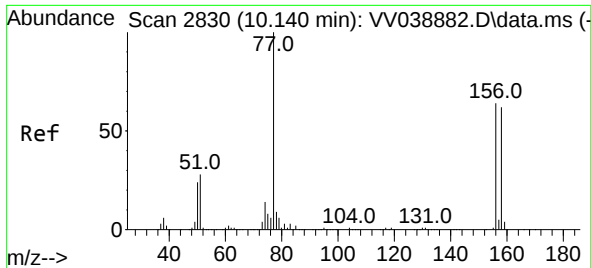
Tgt Ion: 83 Resp: 24412
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 65.7 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 2.086 ug/l
RT: 10.207 min Scan# 2851
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 75 Resp: 15331
Ion Ratio Lower Upper
75 100
77 47.5 17.4 52.3

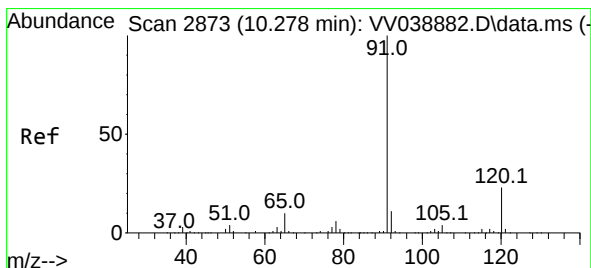
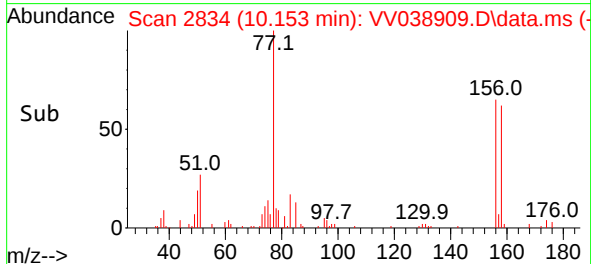
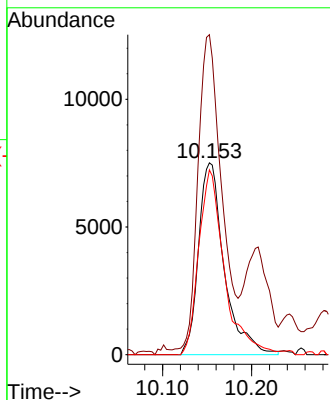
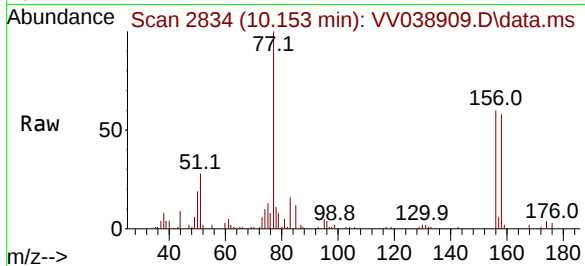




#77
Bromobenzene
Concen: 2.428 ug/l
RT: 10.153 min Scan# 2834
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

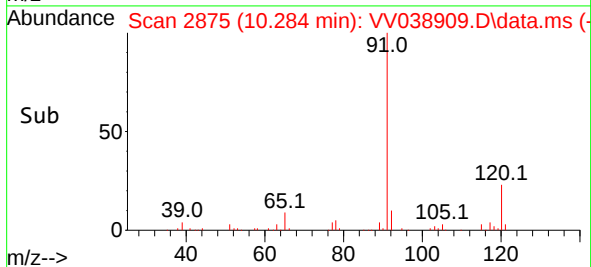
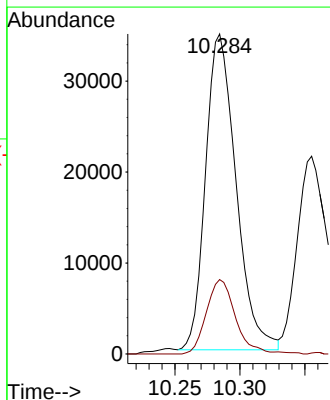
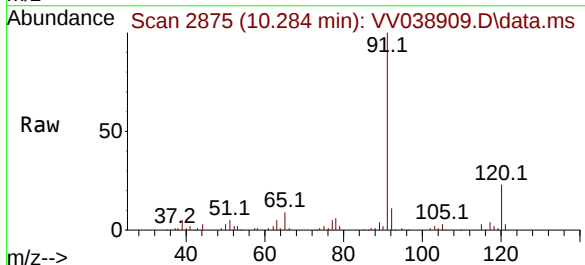
Instrument :
MSVOA_V
ClientSampleId :
MDL05

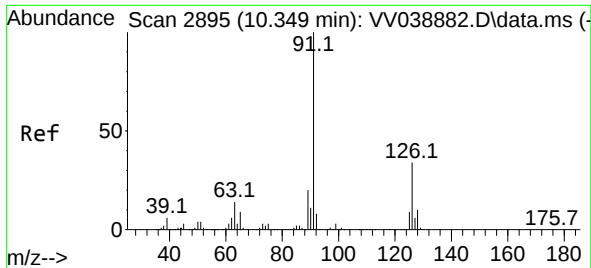
Tgt Ion:156 Resp: 15045
Ion Ratio Lower Upper
156 100
77 149.5 77.2 231.6
158 95.9 48.4 145.3



#78
n-propylbenzene
Concen: 2.048 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.007 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 91 Resp: 56528
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.071 ug/l

RT: 10.355 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

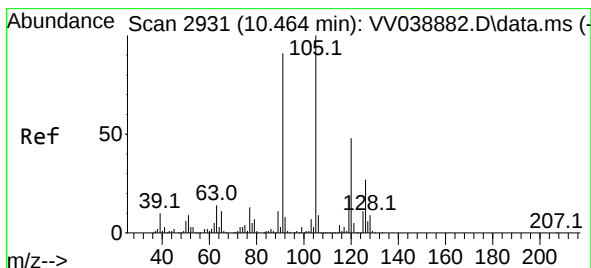
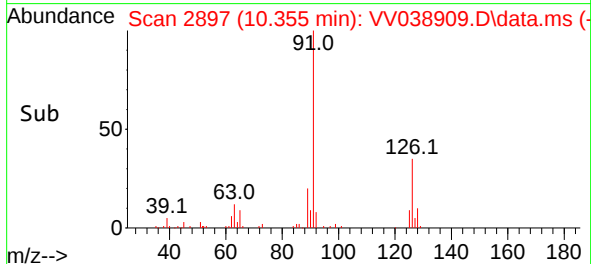
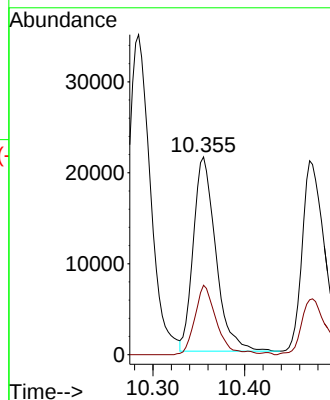
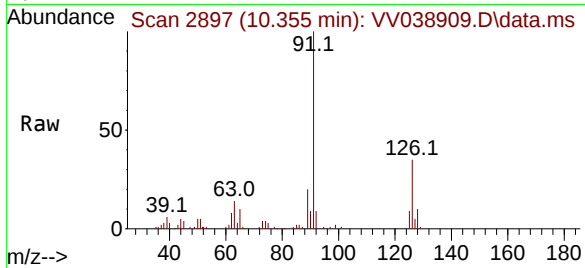
MDL05

Tgt Ion: 91 Resp: 36363

Ion Ratio Lower Upper

91 100

126 33.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 1.954 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.007 min

Lab File: VV038909.D

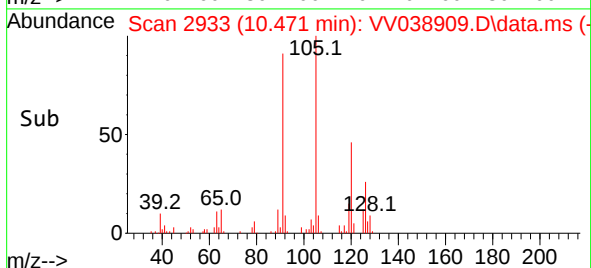
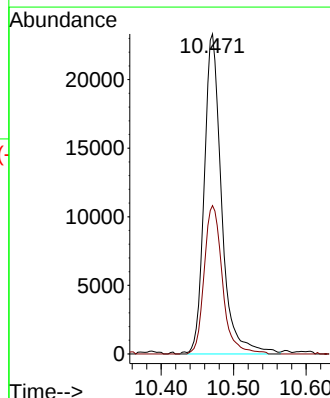
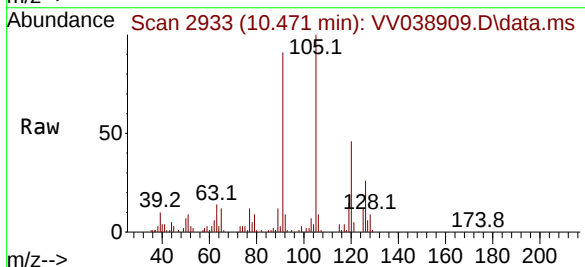
Acq: 16 Jul 2025 15:41

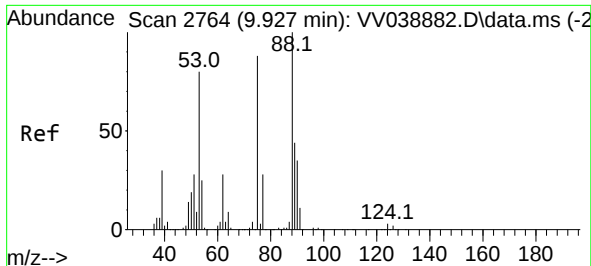
Tgt Ion:105 Resp: 38918

Ion Ratio Lower Upper

105 100

120 48.7 24.0 72.0

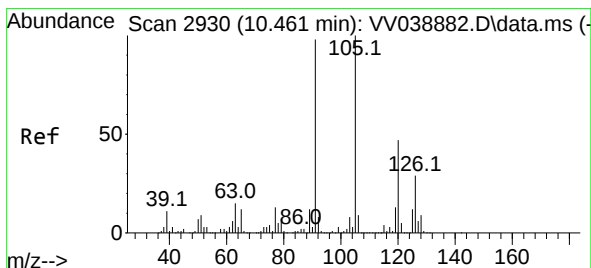
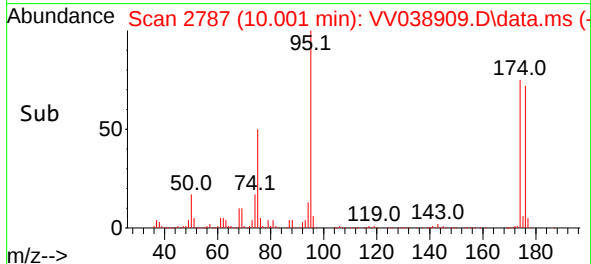
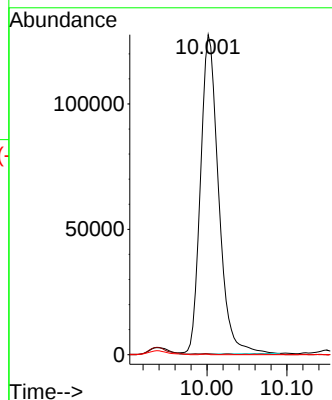
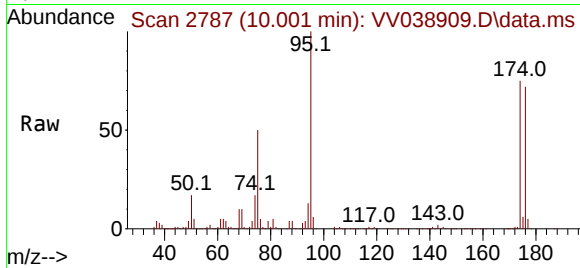




#81
trans-1,4-Dichloro-2-butene
Concen: 66.797 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

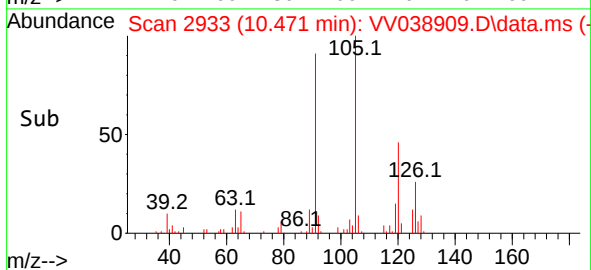
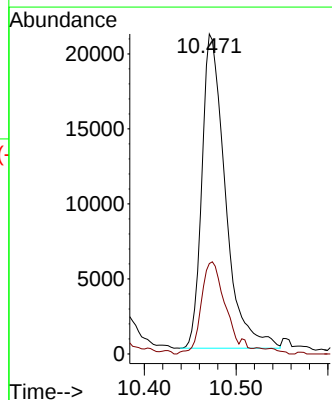
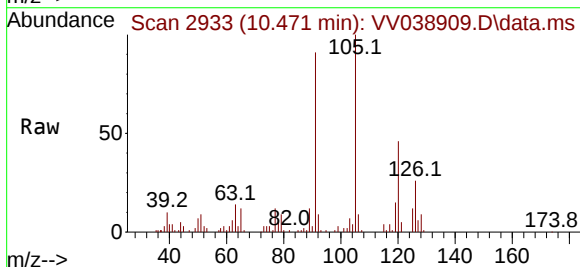
Instrument :
MSVOA_V
ClientSampleId :
MDL05

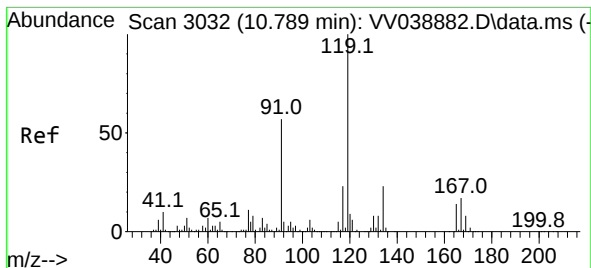
Tgt Ion: 75 Resp: 201173
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.1 42.2 63.2#



#82
4-Chlorotoluene
Concen: 1.895 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 91 Resp: 37183
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 2.041 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

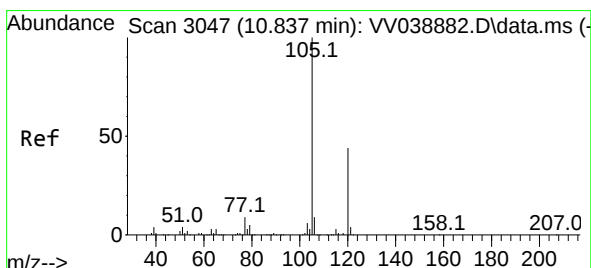
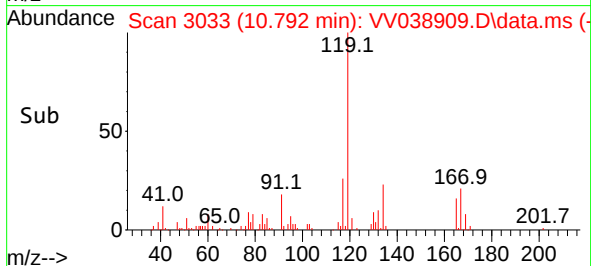
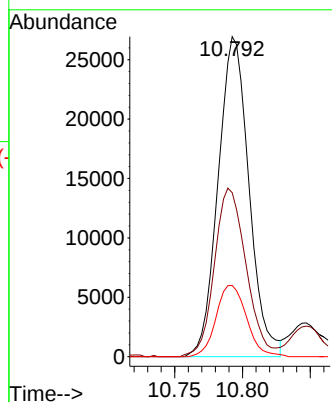
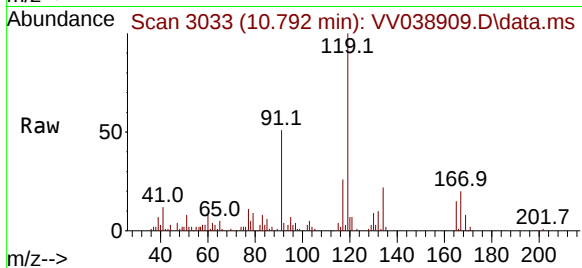
Tgt Ion:119 Resp: 42630

Ion Ratio Lower Upper

119 100

91 53.9 28.1 84.2

134 22.0 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 1.966 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038909.D

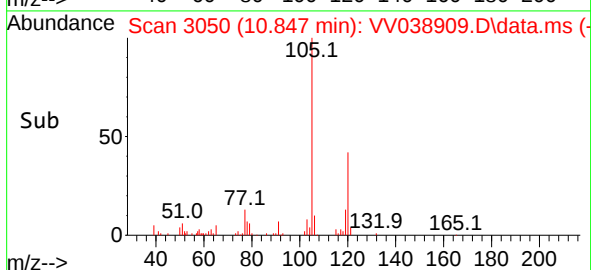
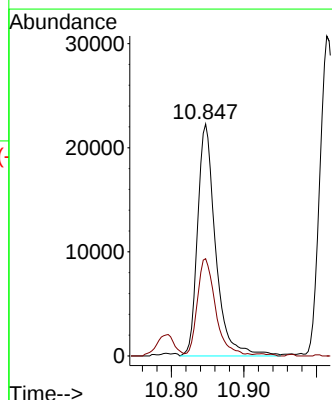
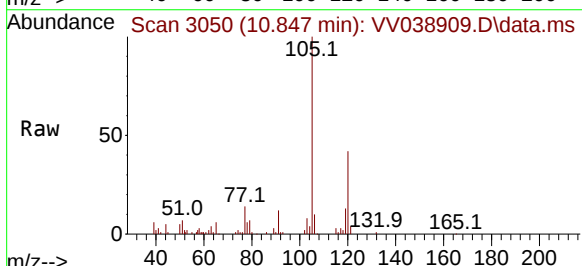
Acq: 16 Jul 2025 15:41

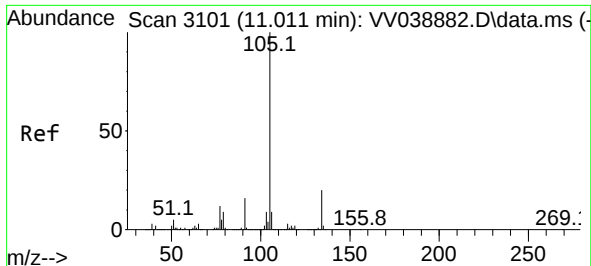
Tgt Ion:105 Resp: 38540

Ion Ratio Lower Upper

105 100

120 42.6 22.6 67.8

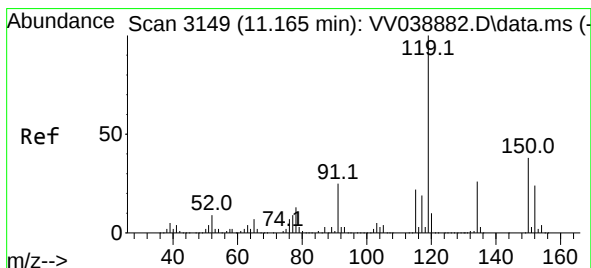
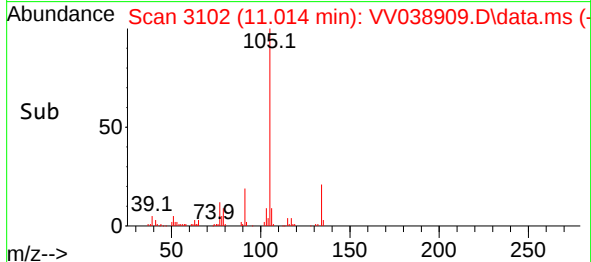
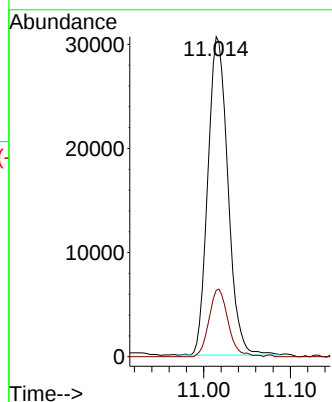
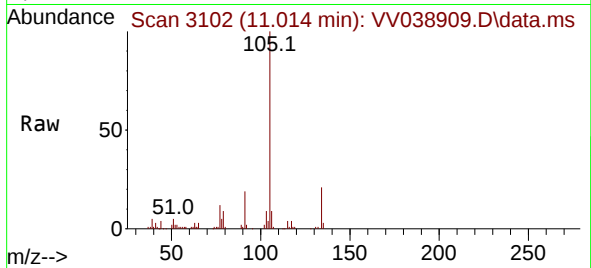




#85
 sec-Butylbenzene
 Concen: 1.849 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

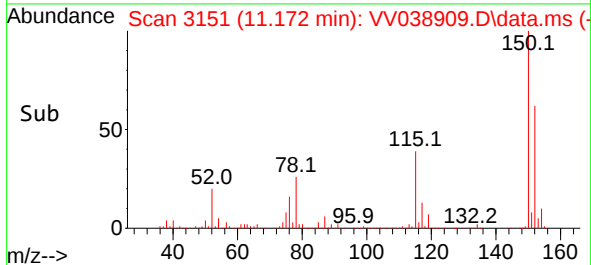
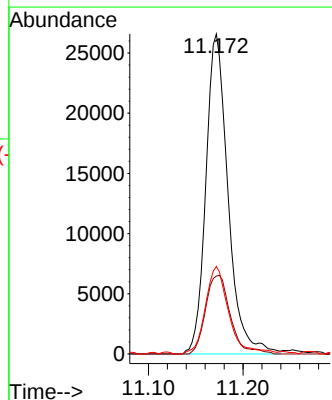
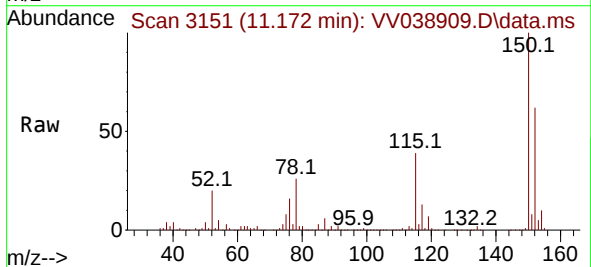
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

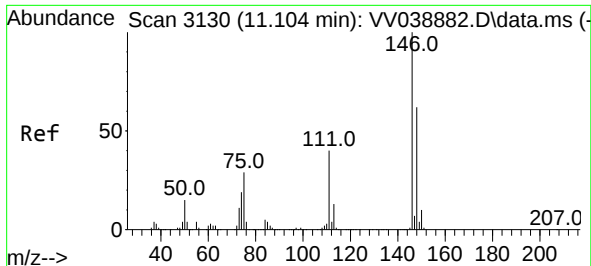
Tgt Ion:105 Resp: 49273
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 1.914 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.007 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

Tgt Ion:119 Resp: 43311
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 28.7 12.3 36.8

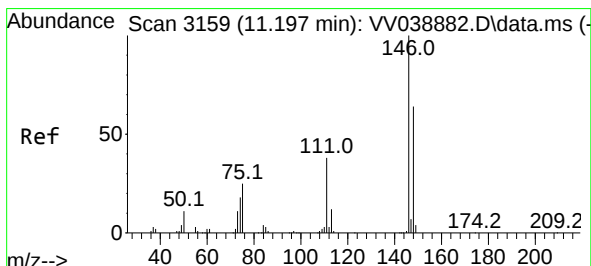
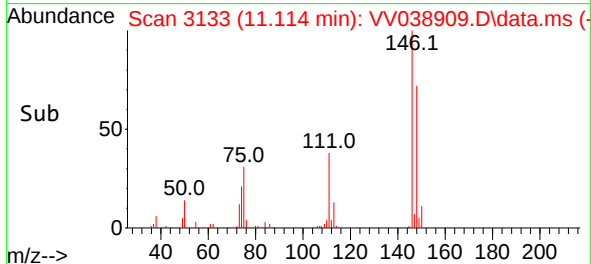
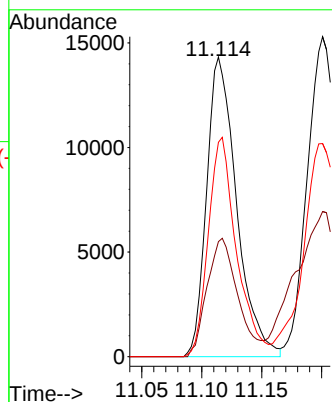
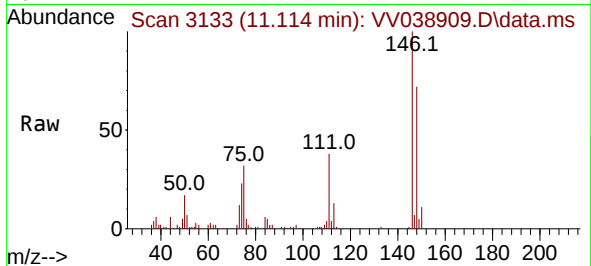




#87
1,3-Dichlorobenzene
Concen: 1.966 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

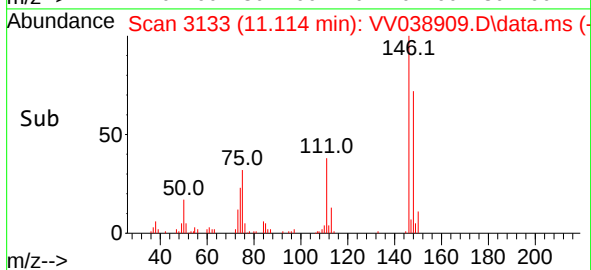
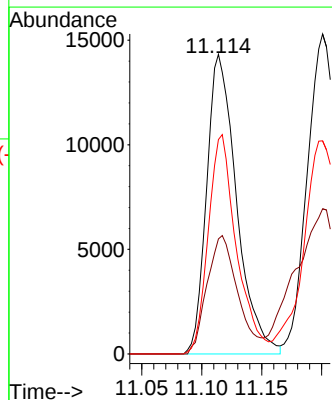
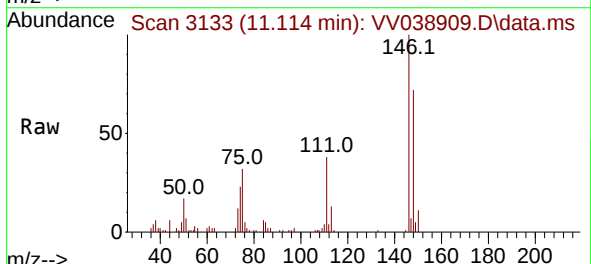
Instrument :
MSVOA_V
ClientSampleId :
MDL05

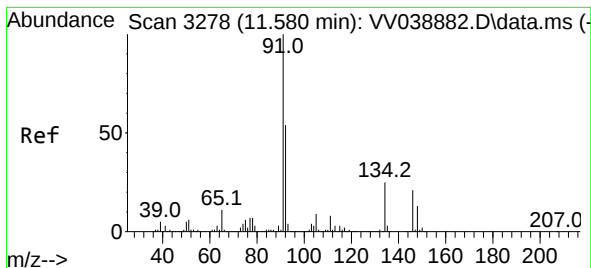
Tgt Ion:146 Resp: 24858
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.5
148 69.1 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 1.807 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. -0.083 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion:146 Resp: 24858
Ion Ratio Lower Upper
146 100
111 41.1 19.8 59.3
148 69.1 32.1 96.5





#89

n-Butylbenzene

Concen: 1.813 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

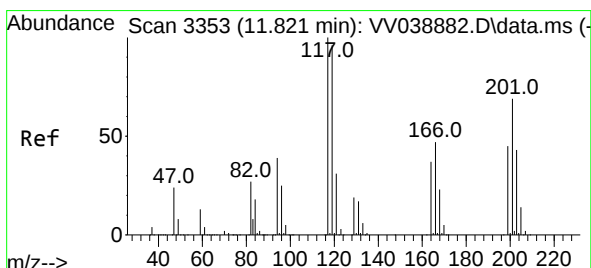
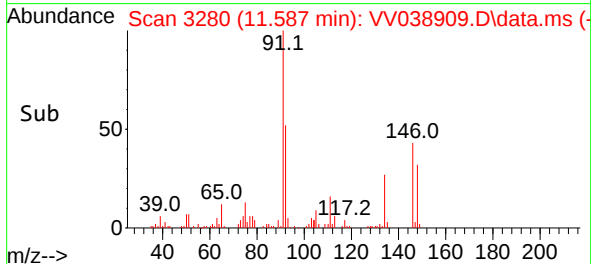
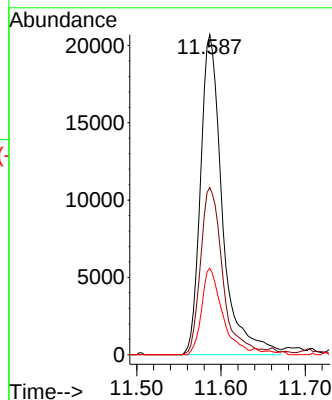
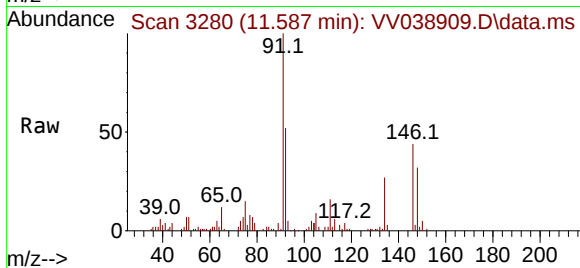
Tgt Ion: 91 Resp: 37450

Ion Ratio Lower Upper

91 100

92 53.2 26.7 80.1

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 2.327 ug/l

RT: 11.825 min Scan# 3354

Delta R.T. 0.003 min

Lab File: VV038909.D

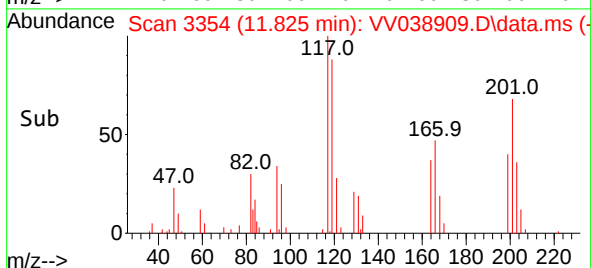
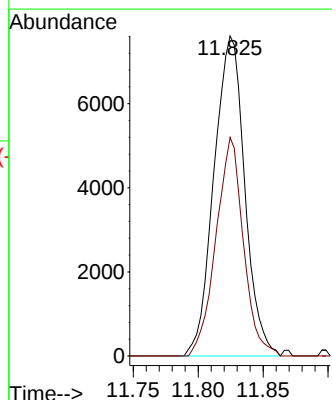
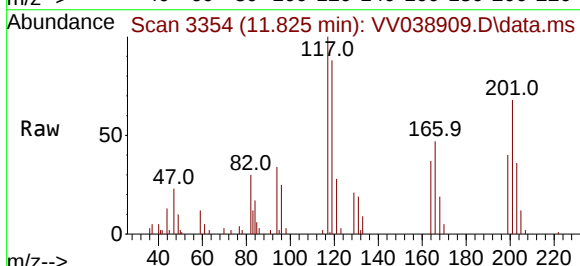
Acq: 16 Jul 2025 15:41

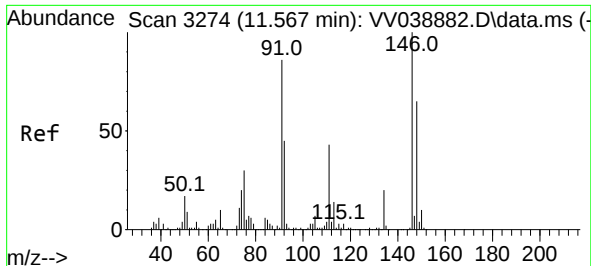
Tgt Ion: 117 Resp: 12525

Ion Ratio Lower Upper

117 100

201 61.0 34.0 102.0

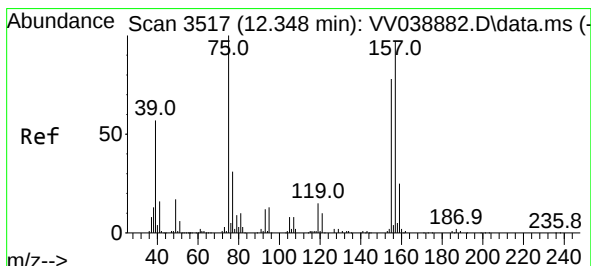
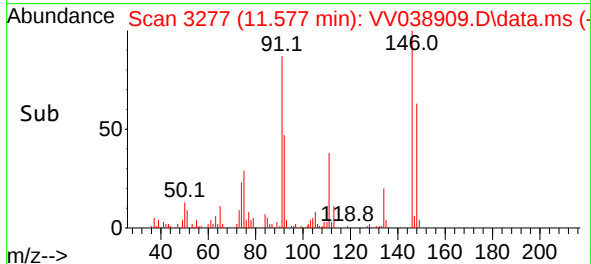
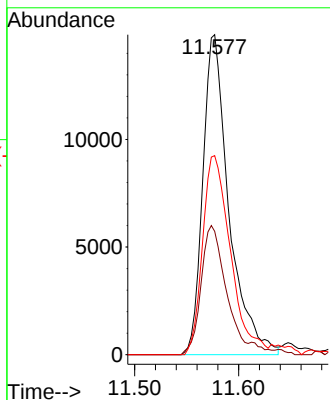
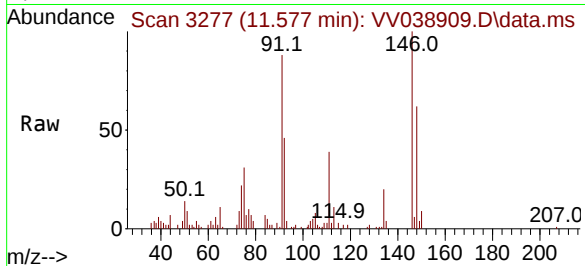




#91
1,2-Dichlorobenzene
Concen: 2.111 ug/l
RT: 11.577 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

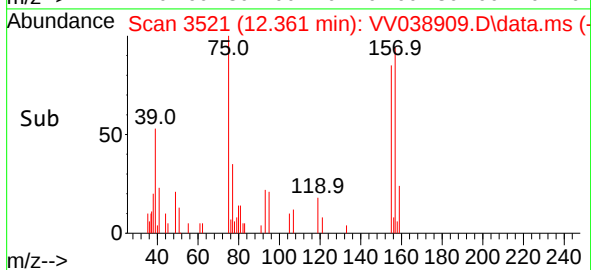
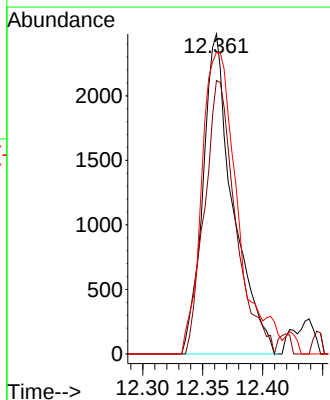
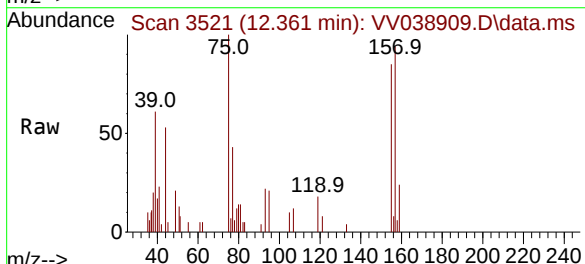
Instrument :
MSVOA_V
ClientSampleId :
MDL05

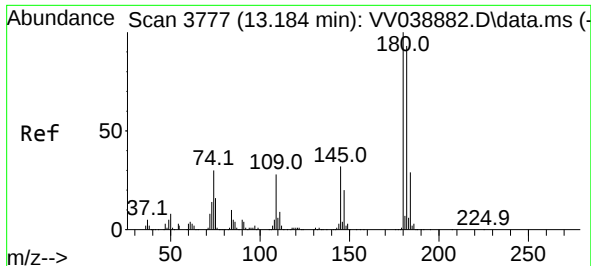
Tgt Ion:146 Resp: 25912
Ion Ratio Lower Upper
146 100
111 40.2 21.4 64.3
148 66.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.937 ug/l
RT: 12.361 min Scan# 3521
Delta R.T. 0.013 min
Lab File: VV038909.D
Acq: 16 Jul 2025 15:41

Tgt Ion: 75 Resp: 4332
Ion Ratio Lower Upper
75 100
155 87.9 40.2 120.6
157 112.3 51.1 153.3

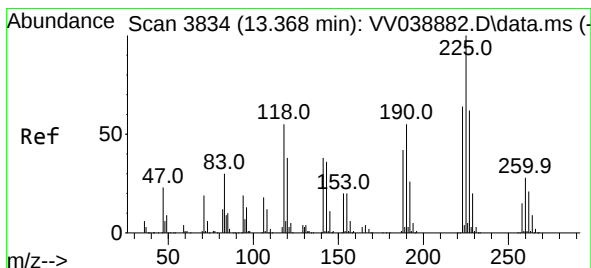
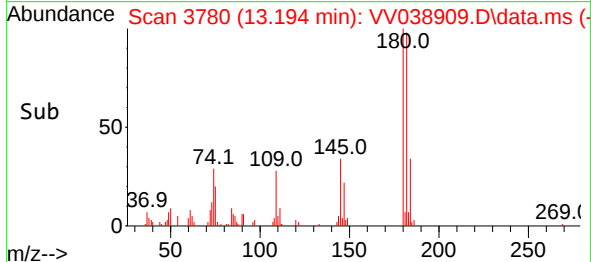
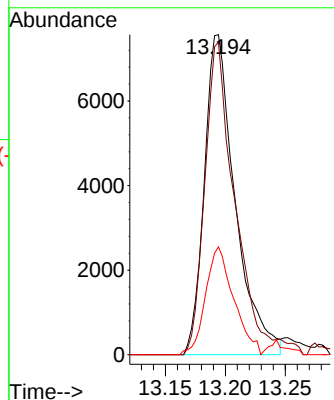
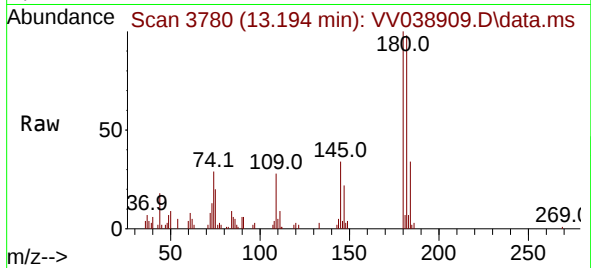




#93
 1,2,4-Trichlorobenzene
 Concen: 1.873 ug/l
 RT: 13.194 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

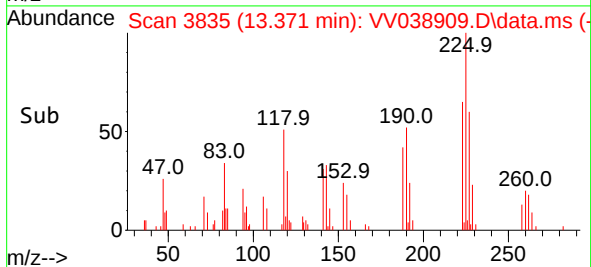
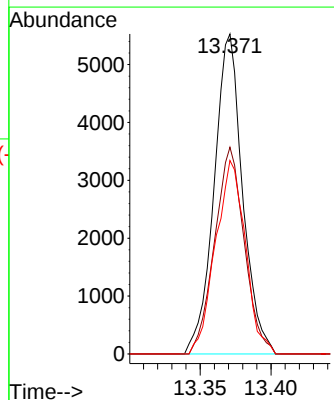
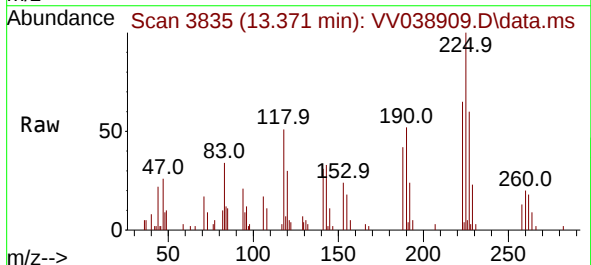
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

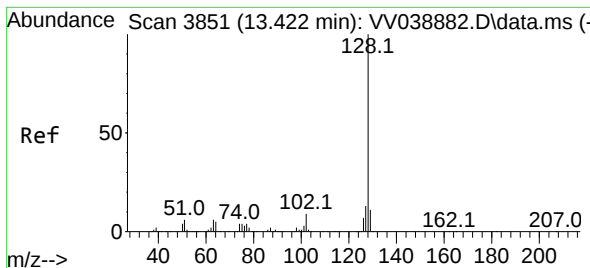
Tgt Ion:	180	Resp:	13575
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.3
145	30.7	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 2.073 ug/l
 RT: 13.371 min Scan# 3835
 Delta R.T. 0.003 min
 Lab File: VV038909.D
 Acq: 16 Jul 2025 15:41

Tgt Ion:	225	Resp:	7738
Ion Ratio	Lower	Upper	
225	100		
223	67.1	32.4	97.2
227	63.6	31.3	93.9





#95

Naphthalene

Concen: 1.714 ug/l

RT: 13.435 min Scan# 3855

Delta R.T. 0.013 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Instrument :

MSVOA_V

ClientSampleId :

MDL05

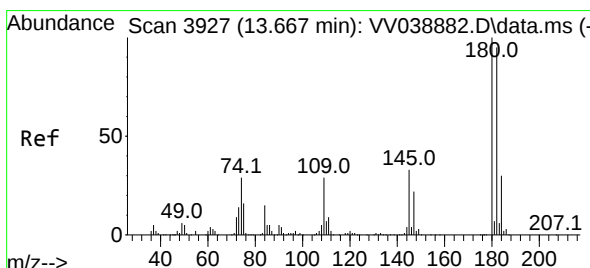
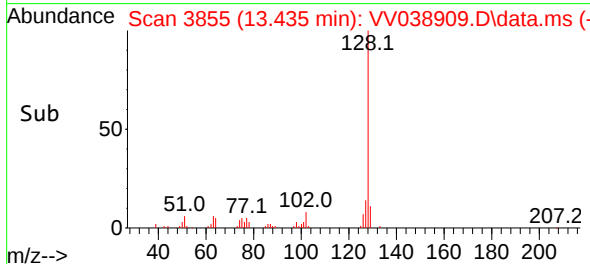
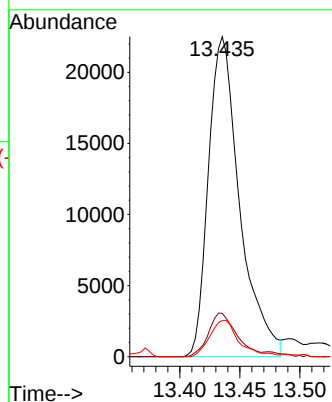
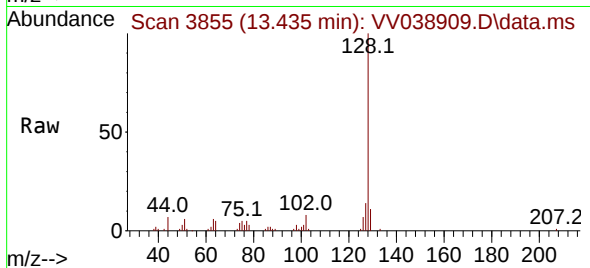
Tgt Ion:128 Resp: 40810

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.830 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.007 min

Lab File: VV038909.D

Acq: 16 Jul 2025 15:41

Tgt Ion:180 Resp: 13749

Ion Ratio Lower Upper

180 100

182 89.8 47.0 141.2

145 33.0 17.0 51.0

