

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038907.D
 Acq On : 16 Jul 2025 14:56
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 17 06:16:48 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	4.596	168	538928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	901472	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	773953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	301853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	338999	51.482	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	102.960%
35) Dibromofluoromethane	4.497	113	288093	46.873	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.740%
50) Toluene-d8	7.233	98	998858	53.765	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	107.520%
62) 4-Bromofluorobenzene	10.001	95	321393	42.944	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	85.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	9670	2.042	ug/l	91
3) Chloromethane	1.227	50	13405	2.621	ug/l	96
4) Vinyl Chloride	1.294	62	13766	2.352	ug/l	89
5) Bromomethane	1.487	94	12256	2.793	ug/l	84
6) Chloroethane	1.555	64	9199	2.352	ug/l	95
7) Trichlorofluoromethane	1.722	101	22507	2.173	ug/l	98
8) Diethyl Ether	1.918	74	8885	2.386	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.076	101	12507	2.020	ug/l	95
10) Methyl Iodide	2.195	142	16126	2.268	ug/l	98
11) Tert butyl alcohol	2.574	59	19669	12.974	ug/l #	84
12) 1,1-Dichloroethene	2.079	96	12100	2.145	ug/l	91
13) Acrolein	2.015	56	2662	12.142	ug/l	94
14) Allyl chloride	2.355	41	23101	2.570	ug/l	87
15) Acrylonitrile	2.677	53	45456	11.717	ug/l	99
16) Acetone	2.121	43	38440	13.491	ug/l #	88
17) Carbon Disulfide	2.249	76	30383	2.581	ug/l	97
18) Methyl Acetate	2.381	43	22114	2.294	ug/l	93
19) Methyl tert-butyl Ether	2.712	73	45575	2.154	ug/l	97
20) Methylene Chloride	2.452	84	17208	2.381	ug/l #	95
21) trans-1,2-Dichloroethene	2.703	96	13944	2.323	ug/l	96
22) Diisopropyl ether	3.220	45	36222	2.017	ug/l	89
23) Vinyl Acetate	3.195	43	152432	10.824	ug/l	97
24) 1,1-Dichloroethane	3.117	63	27845	2.367	ug/l	98
25) 2-Butanone	3.895	43	42283	10.353	ug/l	99
26) 2,2-Dichloropropane	3.805	77	20258	1.967	ug/l	79
27) cis-1,2-Dichloroethene	3.825	96	14484	2.101	ug/l	97
28) Bromochloromethane	4.149	49	11932	2.621	ug/l	97
29) Tetrahydrofuran	4.246	42	28875	10.727	ug/l #	78
30) Chloroform	4.278	83	27386	2.112	ug/l	97
31) Cyclohexane	4.580	56	25873	3.351	ug/l #	79
32) 1,1,1-Trichloroethane	4.510	97	24765	2.189	ug/l	99
36) 1,1-Dichloropropene	4.748	75	14139	2.002	ug/l	91
37) Ethyl Acetate	4.005	43	3420	0.411	ug/l #	13
38) Carbon Tetrachloride	4.731	117	16814	1.792	ug/l #	84
39) Methylcyclohexane	6.040	83	17158	2.059	ug/l	93
40) Benzene	5.014	78	51171	2.137	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.185	41	5155	1.351	ug/l #	62
42) 1,2-Dichloroethane	5.053	62	19882	2.178	ug/l	88
43) Isopropyl Acetate	5.211	43	23881	1.816	ug/l #	79
44) Trichloroethene	5.844	130	12301	1.966	ug/l	90
45) 1,2-Dichloropropane	6.101	63	10780	1.704	ug/l	97
46) Dibromomethane	6.239	93	10950	2.237	ug/l	94
47) Bromodichloromethane	6.432	83	20555	1.979	ug/l	98
48) Methyl methacrylate	6.326	41	3109	0.545	ug/l #	58
49) 1,4-Dioxane	6.317	88	4554	37.028	ug/l	93
51) 4-Methyl-2-Pentanone	7.156	43	79834	8.914	ug/l	92
52) Toluene	7.320	92	31562	2.092	ug/l	99
53) t-1,3-Dichloropropene	7.590	75	16776	1.785	ug/l	99
54) cis-1,3-Dichloropropene	6.963	75	17323	1.705	ug/l	94
55) 1,1,2-Trichloroethane	7.770	97	13866	1.923	ug/l	97
56) Ethyl methacrylate	7.741	69	14156	1.652	ug/l #	95
57) 1,3-Dichloropropane	7.944	76	21745	2.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.825	63	38033	7.355	ug/l	97
59) 2-Hexanone	8.079	43	56680	8.502	ug/l	89
60) Dibromochloromethane	8.172	129	16515	1.945	ug/l	96
61) 1,2-Dibromoethane	8.284	107	13412	1.846	ug/l	93
64) Tetrachloroethene	7.902	164	11952	2.355	ug/l	97
65) Chlorobenzene	8.808	112	37850	2.238	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.902	131	14142	2.097	ug/l	96
67) Ethyl Benzene	8.944	91	49967	1.990	ug/l	97
68) m/p-Xylenes	9.069	106	36508	3.734	ug/l	98
69) o-Xylene	9.474	106	17418	1.888	ug/l	98
70) Styrene	9.497	104	26821	1.645	ug/l	98
71) Bromoform	9.661	173	11709	2.136	ug/l #	98
73) Isopropylbenzene	9.860	105	45899	2.545	ug/l	99
74) N-amyl acetate	9.738	43	13418	2.031	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.172	83	24194	3.203	ug/l	93
76) 1,2,3-Trichloropropane	10.204	75	18447	3.287	ug/l	99
77) Bromobenzene	10.149	156	13959	2.950	ug/l	98
78) n-propylbenzene	10.284	91	55775	2.646	ug/l	98
79) 2-Chlorotoluene	10.355	91	35597	2.655	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	38036	2.501	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.937	75	5564	2.419	ug/l	94
82) 4-Chlorotoluene	10.474	91	36409	2.430	ug/l	98
83) tert-Butylbenzene	10.792	119	41792	2.621	ug/l	98
84) 1,2,4-Trimethylbenzene	10.847	105	35521	2.373	ug/l	97
85) sec-Butylbenzene	11.014	105	48458	2.381	ug/l	98
86) p-Isopropyltoluene	11.172	119	40628	2.351	ug/l	98
87) 1,3-Dichlorobenzene	11.114	146	25224	2.612	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	28604	2.723	ug/l	88
89) n-Butylbenzene	11.586	91	35352	2.241	ug/l	97
90) Hexachloroethane	11.821	117	10951	2.665	ug/l	99
91) 1,2-Dichlorobenzene	11.577	146	24204	2.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.358	75	4875	2.854	ug/l	96
93) 1,2,4-Trichlorobenzene	13.194	180	12554	2.269	ug/l	93
94) Hexachlorobutadiene	13.368	225	7741	2.716	ug/l	99
95) Naphthalene	13.435	128	41332	2.273	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	14096	2.458	ug/l	98

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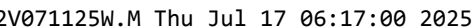
Instrument :
MSVOA_V
ClientSampleId :
MDL03

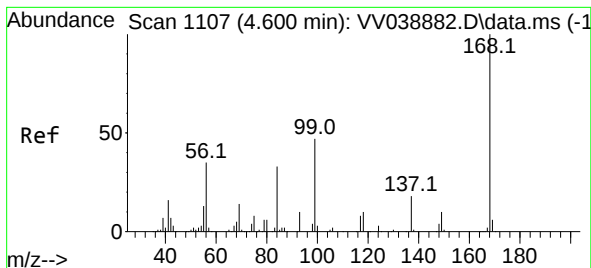
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.004 min

Lab File: VV038907.D

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ClientSampleId :

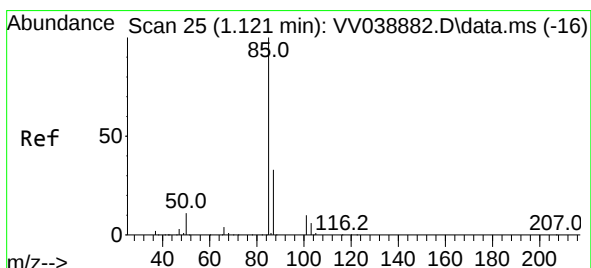
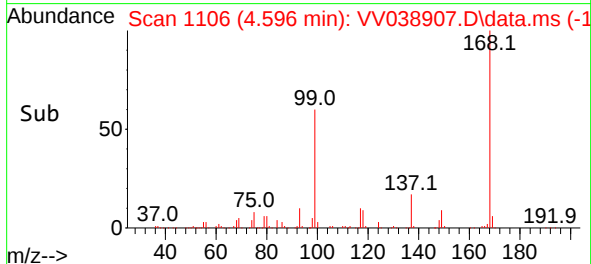
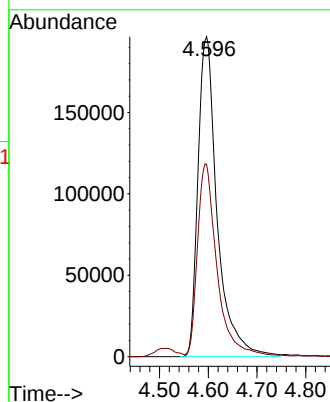
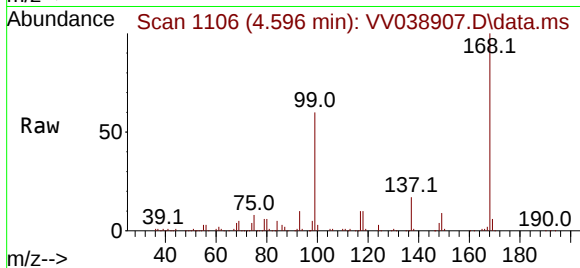
MDL03

Tgt Ion:168 Resp: 538928

Ion Ratio Lower Upper

168 100

99 59.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 2.042 ug/l

RT: 1.117 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038907.D

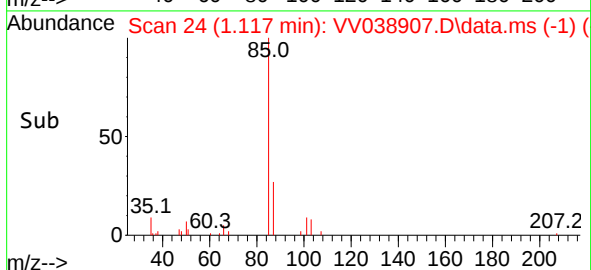
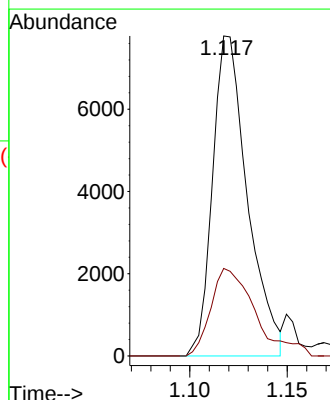
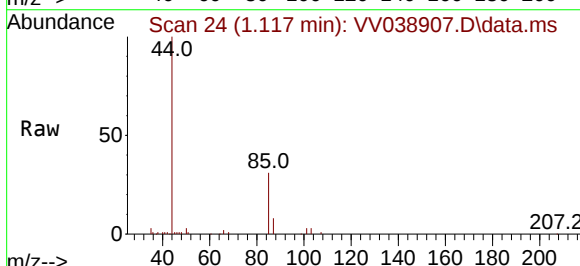
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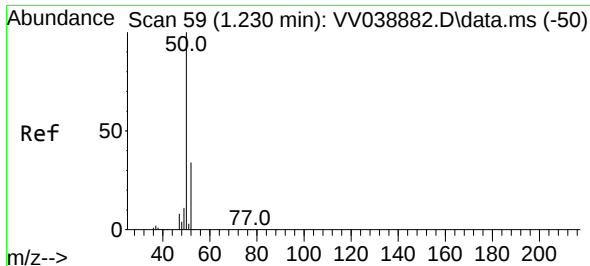
Tgt Ion: 85 Resp: 9670

Ion Ratio Lower Upper

85 100

87 27.4 16.3 48.8

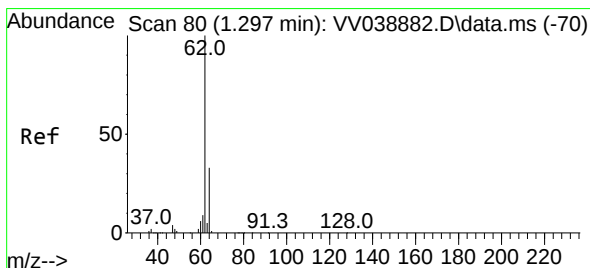
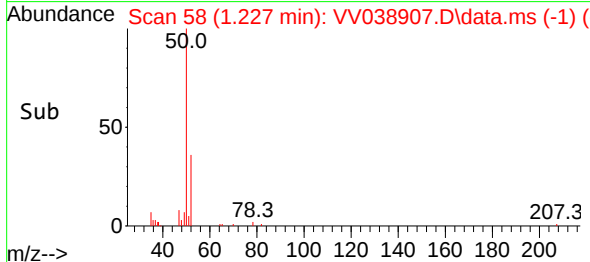
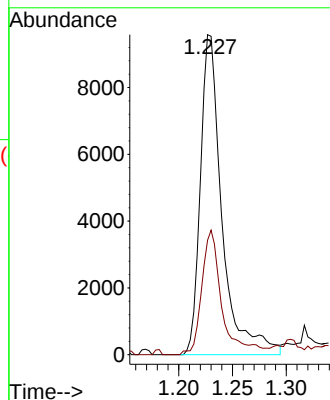
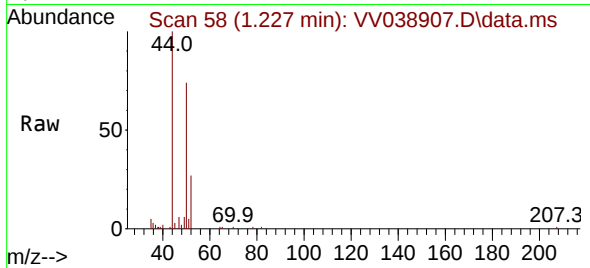




#3
Chloromethane
Concen: 2.621 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV038907.D
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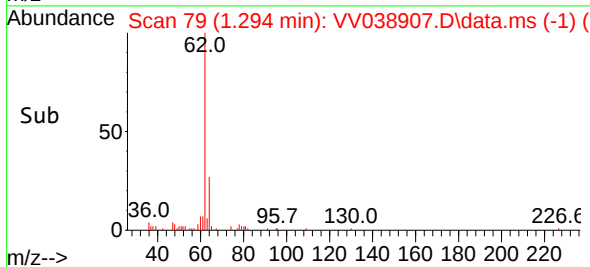
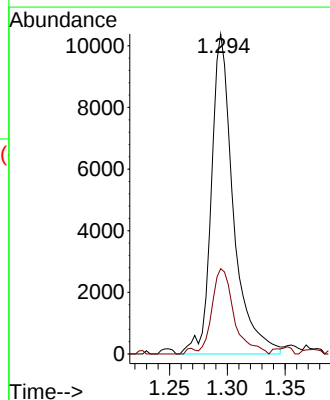
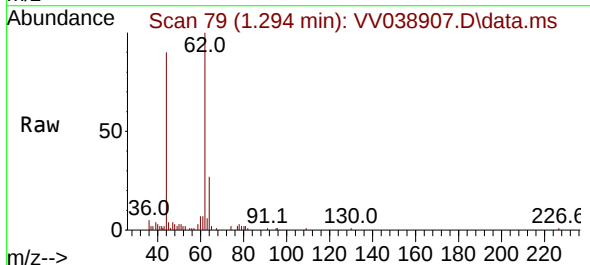
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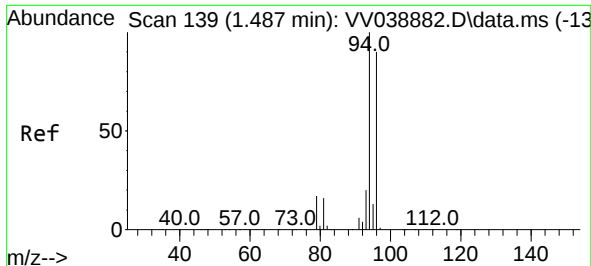
Tgt Ion: 50 Resp: 13405
Ion Ratio Lower Upper
50 100
52 35.8 26.9 40.3



#4
Vinyl Chloride
Concen: 2.352 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 62 Resp: 13766
Ion Ratio Lower Upper
62 100
64 26.6 26.2 39.2

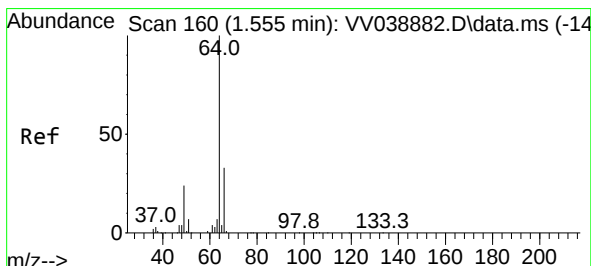
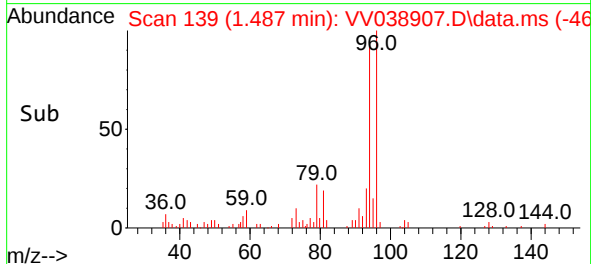
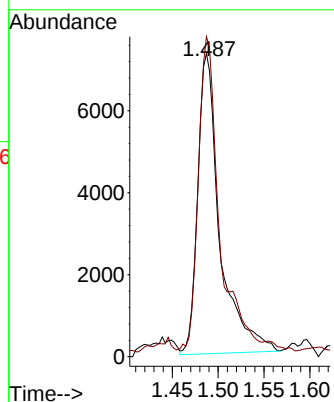
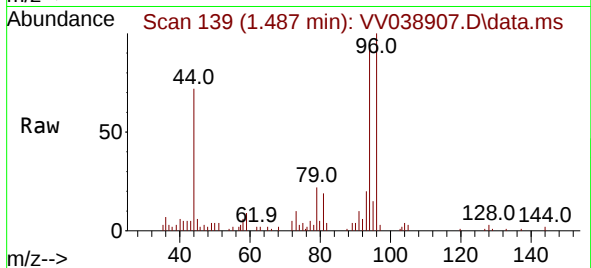




#5
Bromomethane
Concen: 2.793 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

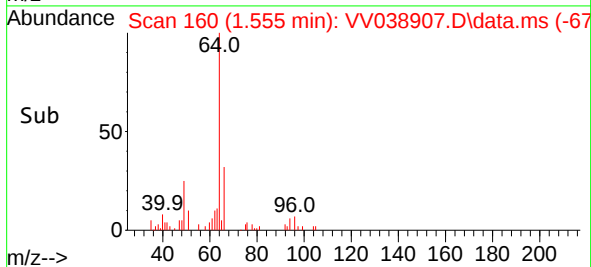
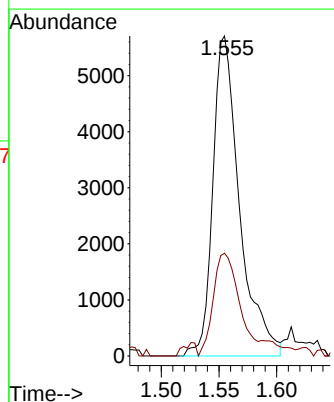
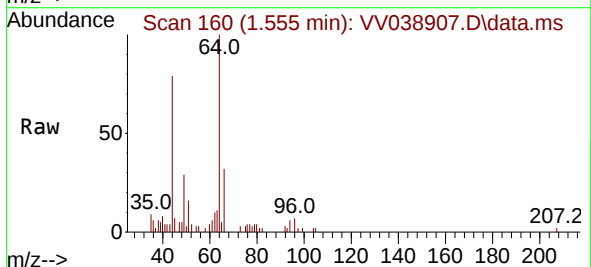
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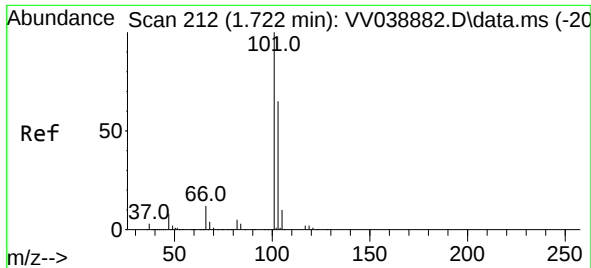
Tgt Ion: 94 Resp: 12256
Ion Ratio Lower Upper
94 100
96 104.8 71.9 107.9



#6
Chloroethane
Concen: 2.352 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 64 Resp: 9199
Ion Ratio Lower Upper
64 100
66 29.8 26.2 39.2

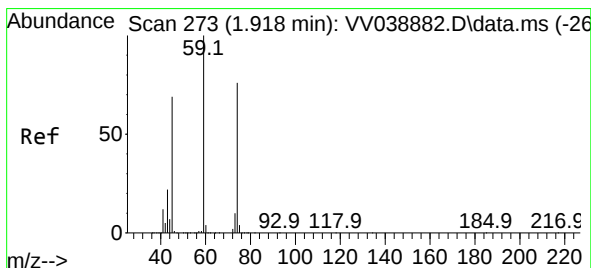
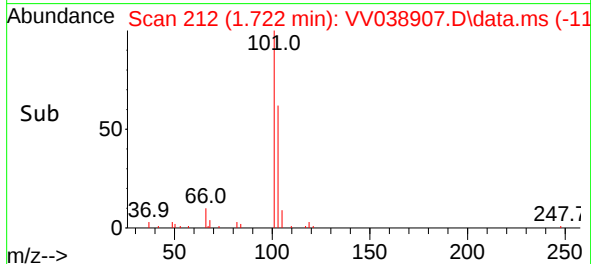
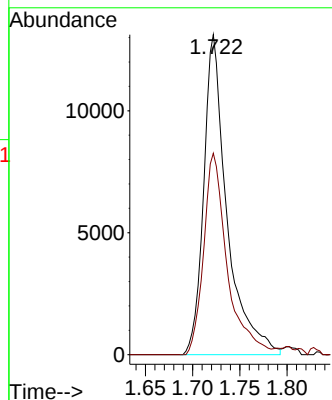
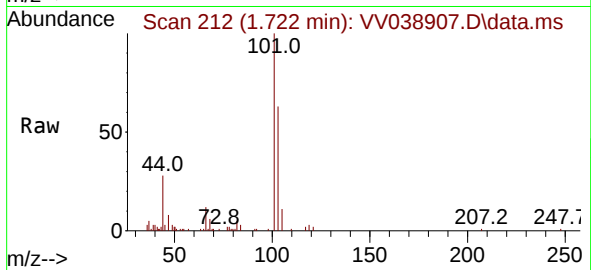




#7
 Trichlorofluoromethane
 Concen: 2.173 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

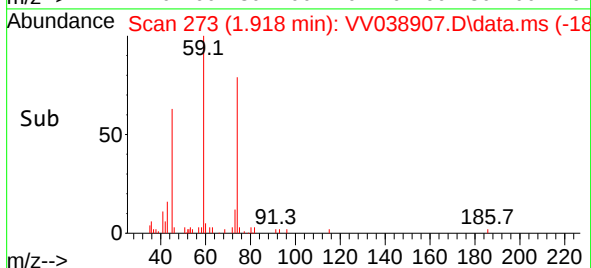
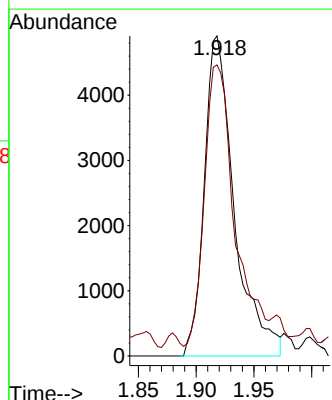
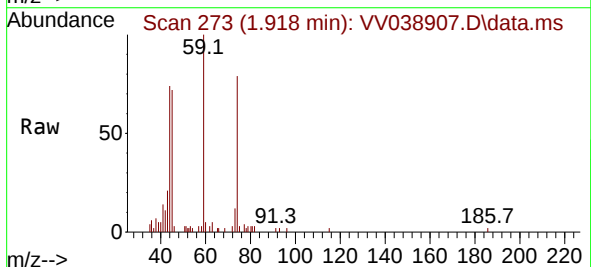
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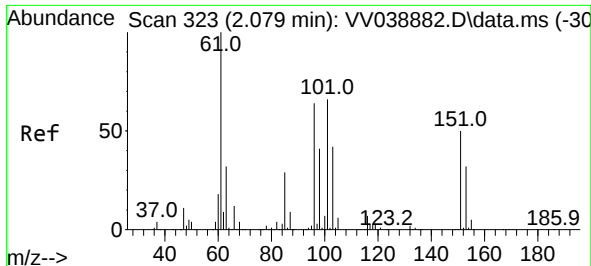
Tgt Ion:101 Resp: 22507
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.6



#8
 Diethyl Ether
 Concen: 2.386 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 8885
 Ion Ratio Lower Upper
 74 100
 45 88.4 45.5 136.5

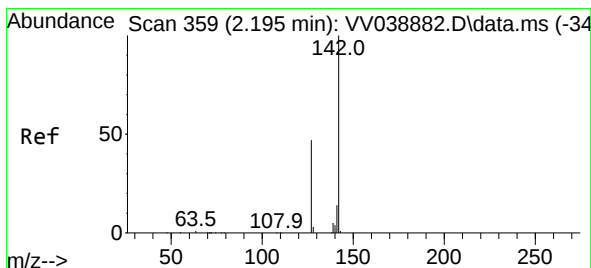
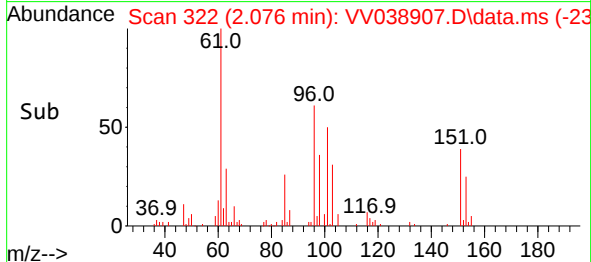
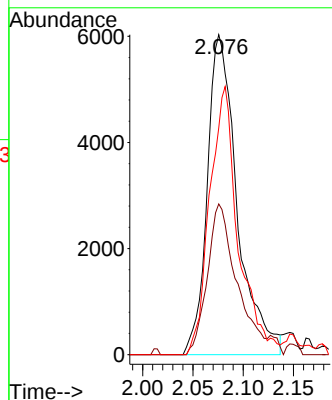
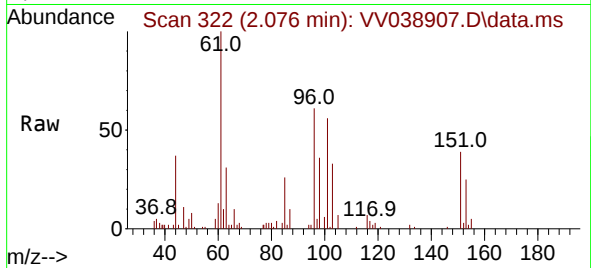




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.020 ug/l
RT: 2.076 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

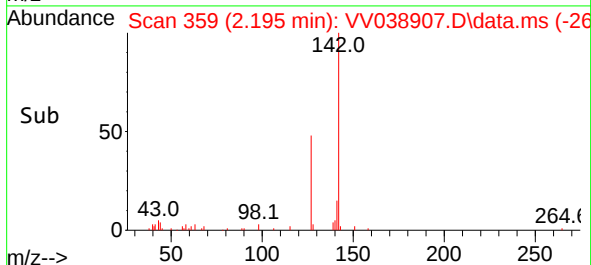
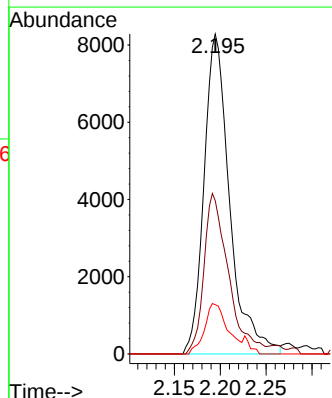
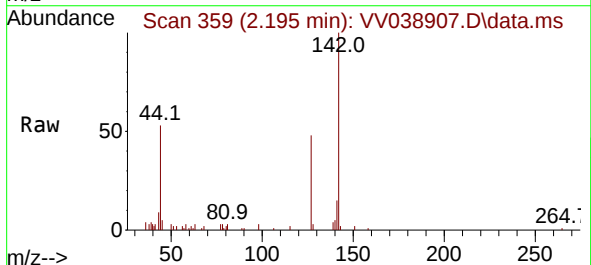
Instrument :
MSVOA_V
ClientSampleId :
MDL03

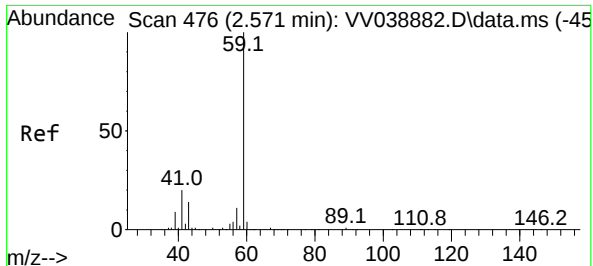
Tgt Ion:	101	Resp:	12507
Ion	Ratio	Lower	Upper
101	100		
85	46.5	35.0	52.6
151	79.9	60.1	90.1



#10
Methyl Iodide
Concen: 2.268 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:	142	Resp:	16126
Ion	Ratio	Lower	Upper
142	100		
127	48.0	37.3	55.9
141	14.1	11.2	16.8

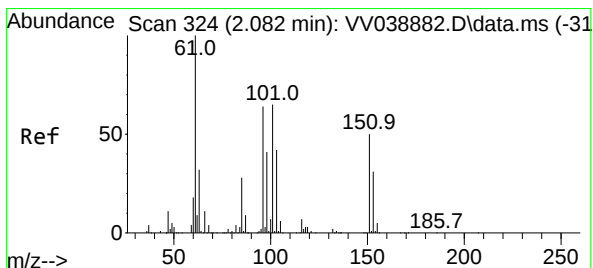
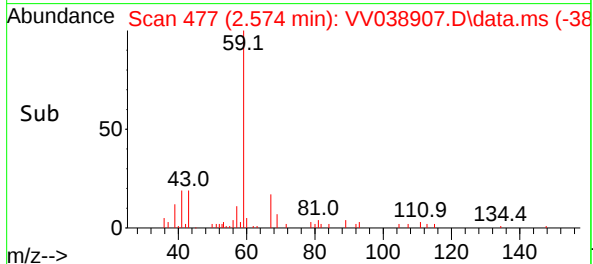
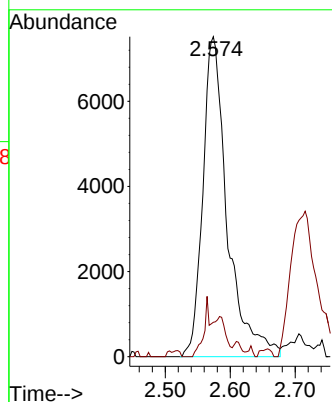
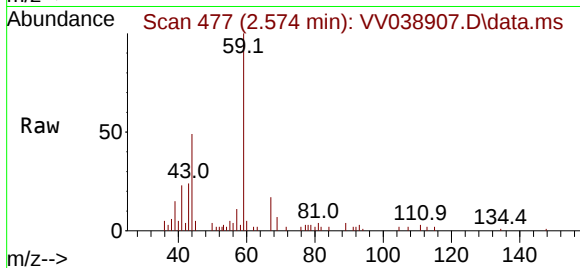




#11
Tert butyl alcohol
Concen: 12.974 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

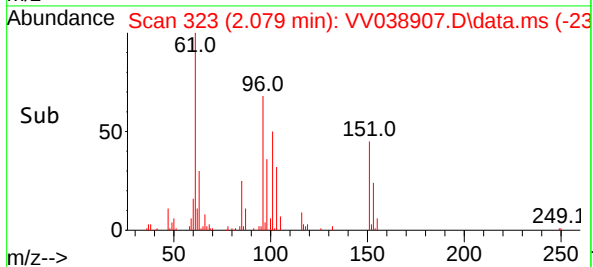
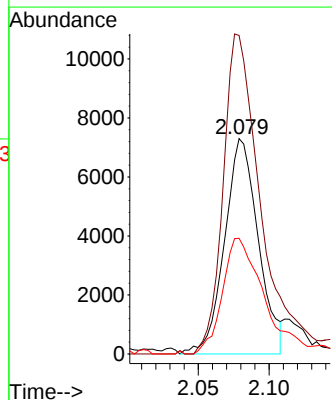
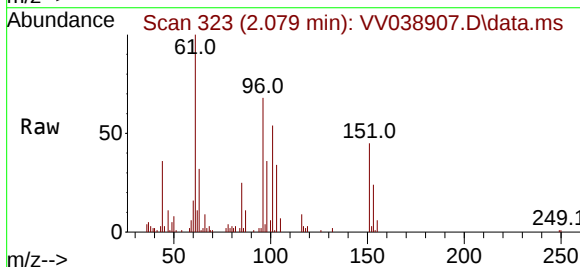
Instrument :
MSVOA_V
ClientSampleId :
MDL03

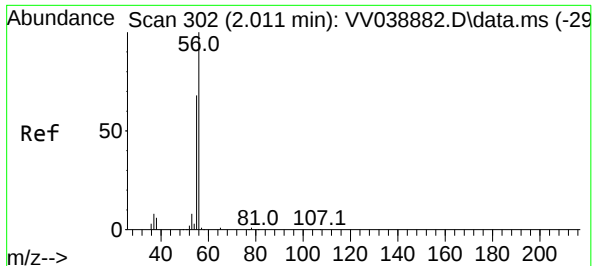
Tgt Ion: 59 Resp: 19669
Ion Ratio Lower Upper
59 100
57 4.8 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 2.145 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 96 Resp: 12100
Ion Ratio Lower Upper
96 100
61 146.4 124.1 186.1
98 52.2 50.6 75.8

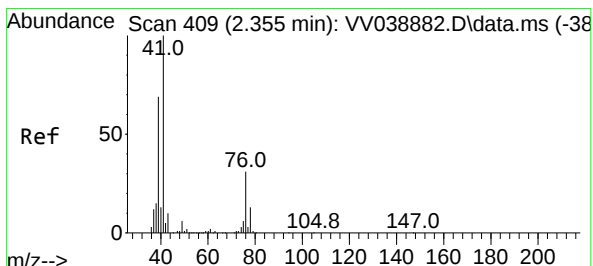
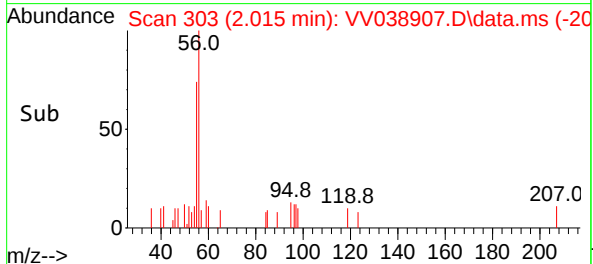
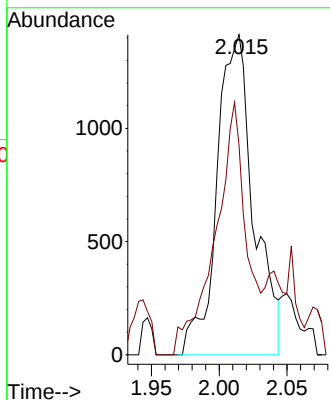
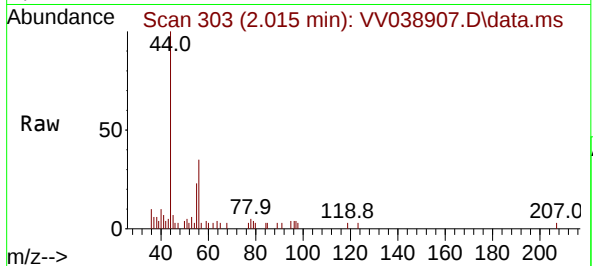




#13
Acrolein
Concen: 12.142 ug/l
RT: 2.015 min Scan# 302
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

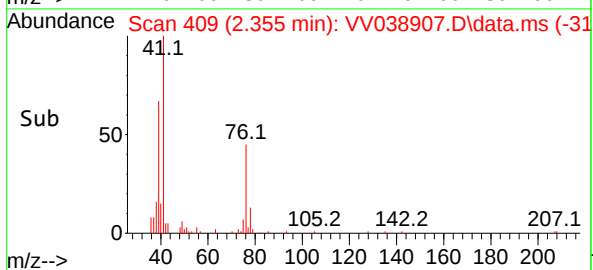
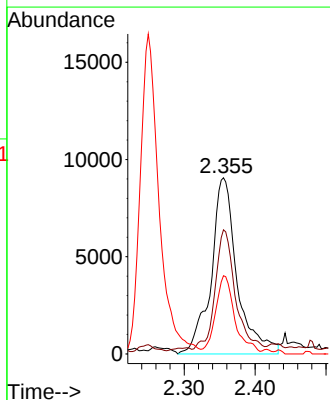
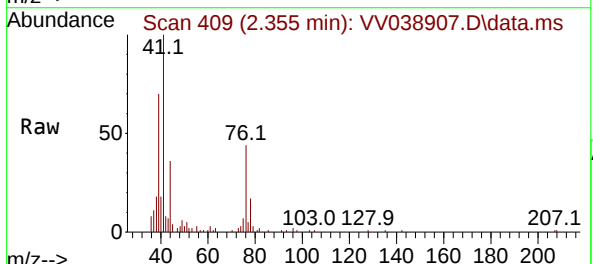
Instrument :
MSVOA_V
ClientSampleId :
MDL03

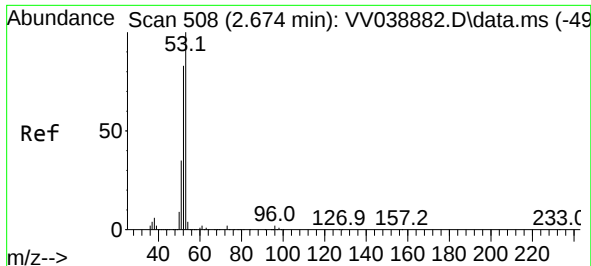
Tgt Ion: 56 Resp: 2662
Ion Ratio Lower Upper
56 100
55 66.2 56.7 85.1



#14
Allyl chloride
Concen: 2.570 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 41 Resp: 23101
Ion Ratio Lower Upper
41 100
39 52.5 50.6 76.0
76 31.2 30.4 45.6

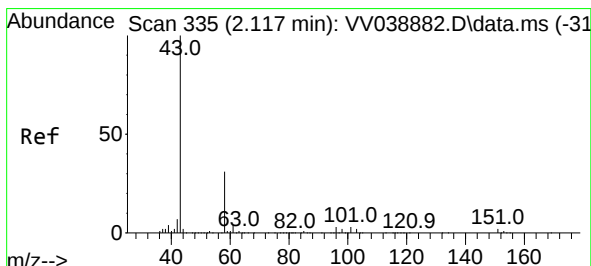
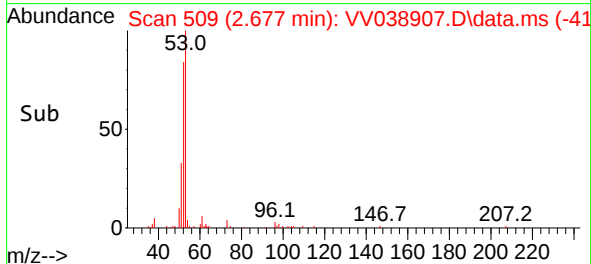
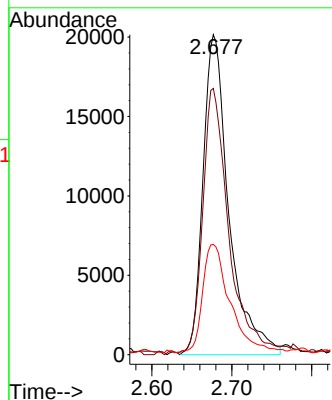
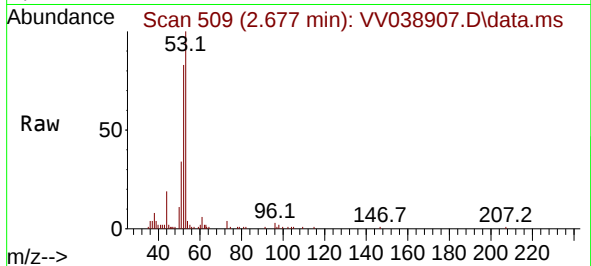




#15
Acrylonitrile
Concen: 11.717 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

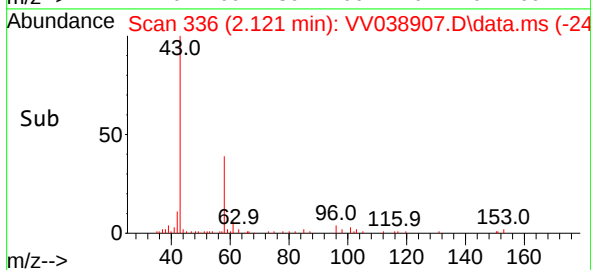
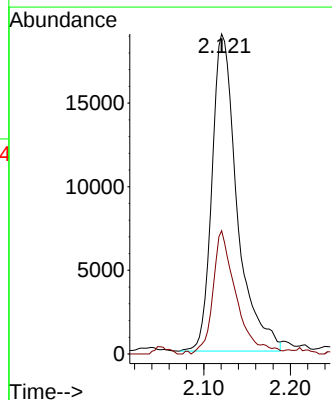
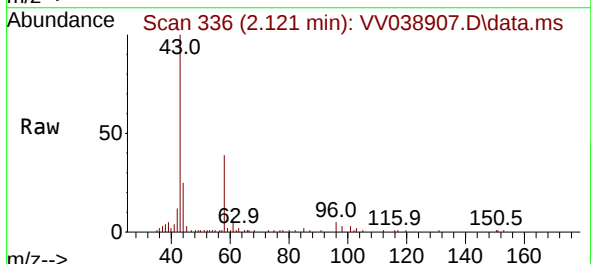
Instrument :
MSVOA_V
ClientSampleId :
MDL03

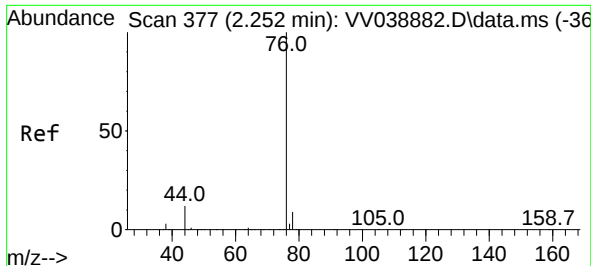
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.6	99.8
51	35.9	28.7	43.1



#16
Acetone
Concen: 13.491 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.9	25.8	38.6

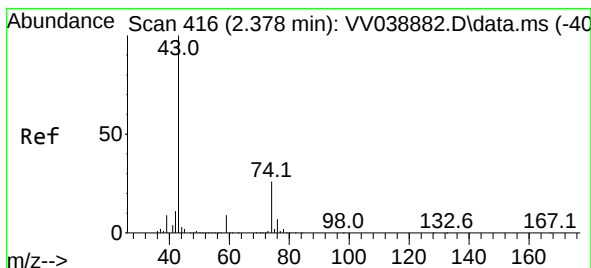
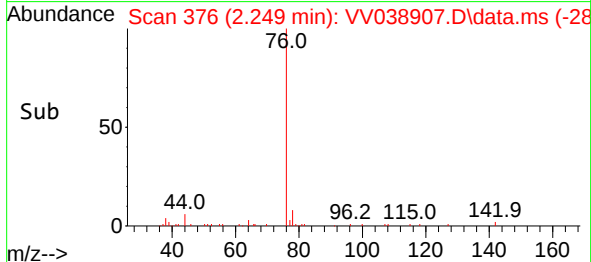
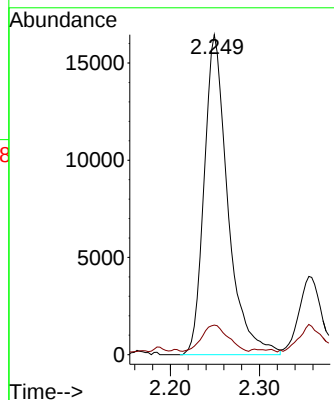
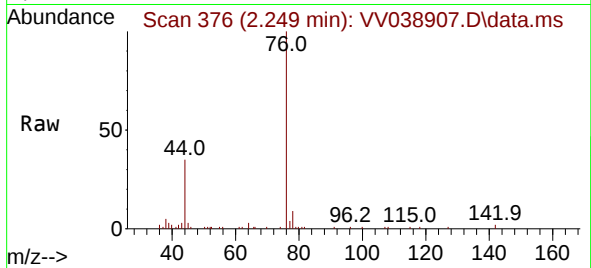




#17
Carbon Disulfide
Concen: 2.581 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

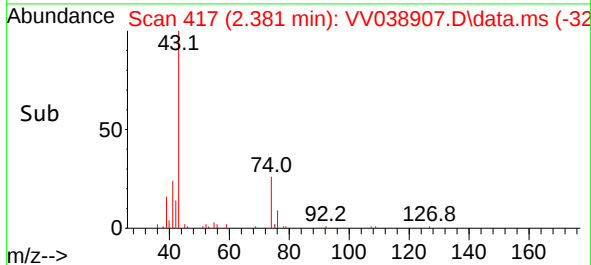
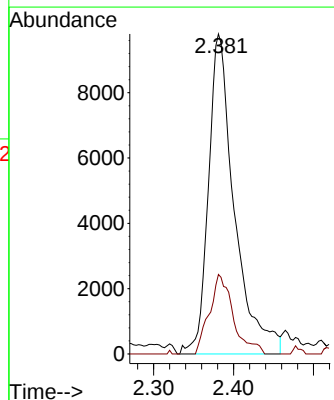
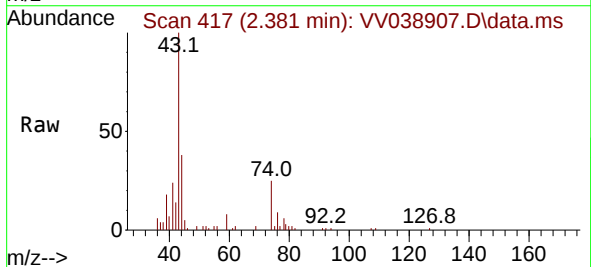
Instrument :
MSVOA_V
ClientSampleId :
MDL03

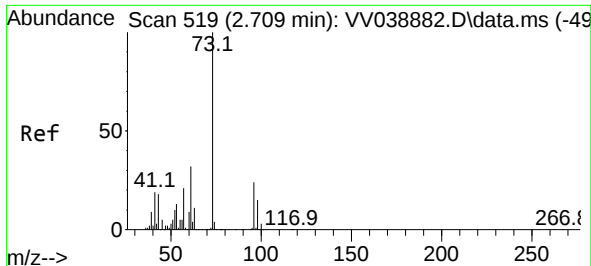
Tgt Ion: 76 Resp: 30383
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#18
Methyl Acetate
Concen: 2.294 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 43 Resp: 22114
Ion Ratio Lower Upper
43 100
74 22.8 21.1 31.7

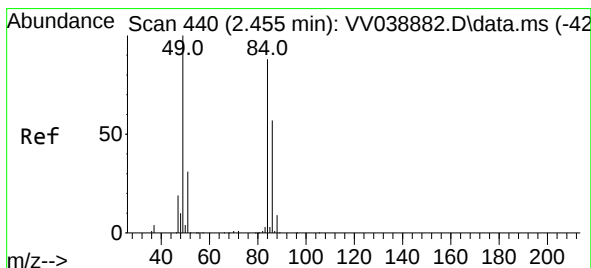
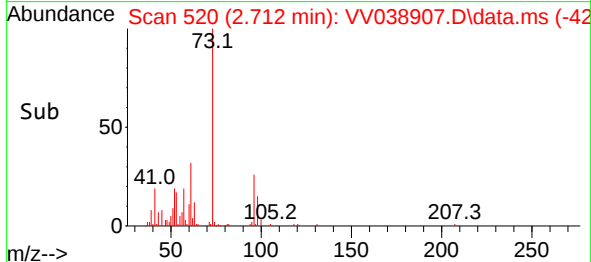
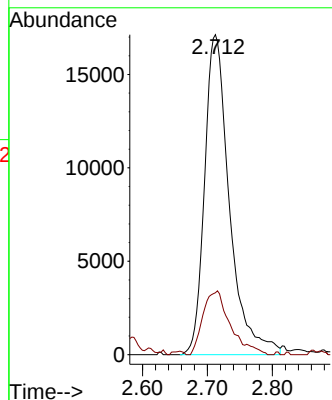
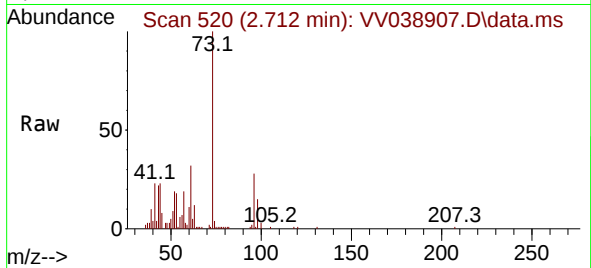




#19
Methyl tert-butyl Ether
Concen: 2.154 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

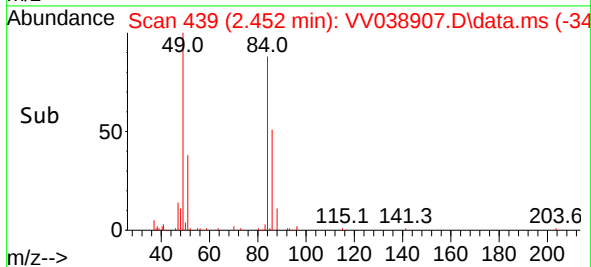
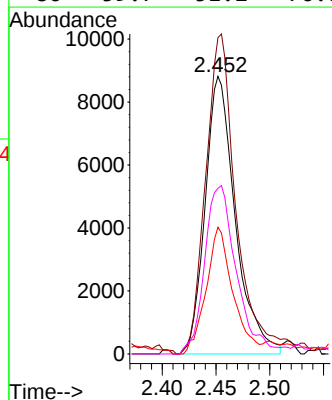
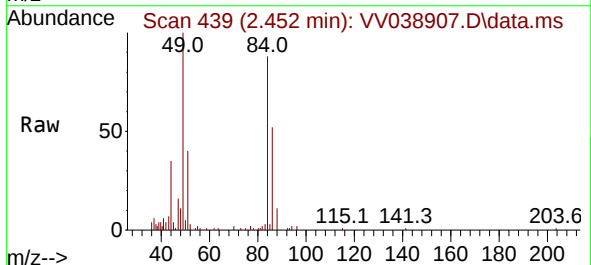
Instrument :
MSVOA_V
ClientSampleId :
MDL03

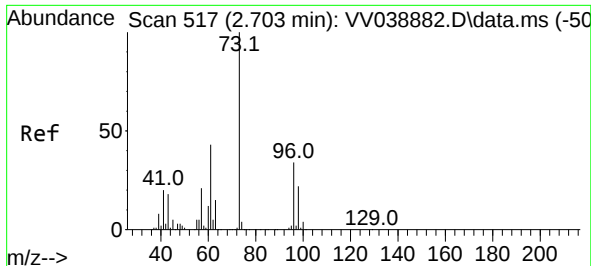
Tgt Ion: 73 Resp: 45575
Ion Ratio Lower Upper
73 100
57 19.3 16.5 24.7



#20
Methylene Chloride
Concen: 2.381 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 84 Resp: 17208
Ion Ratio Lower Upper
84 100
49 113.9 90.5 135.7
51 45.7 27.8 41.6#
86 59.7 51.2 76.8

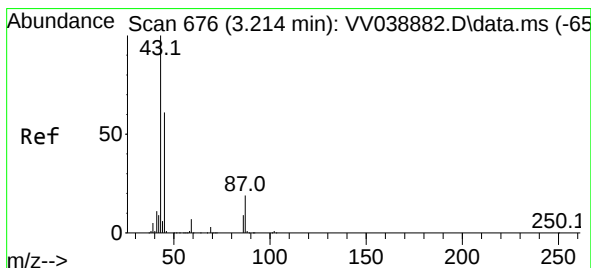
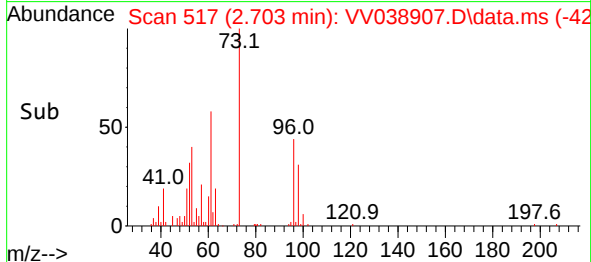
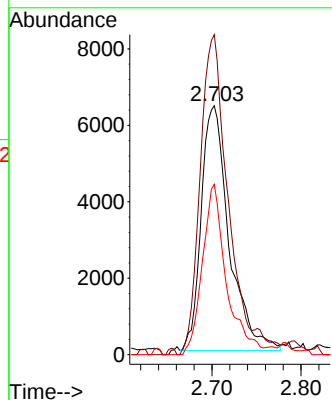
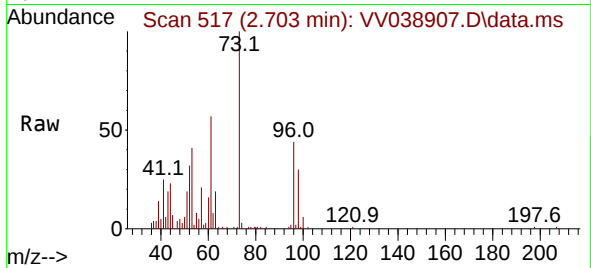




#21
trans-1,2-Dichloroethene
Concen: 2.323 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

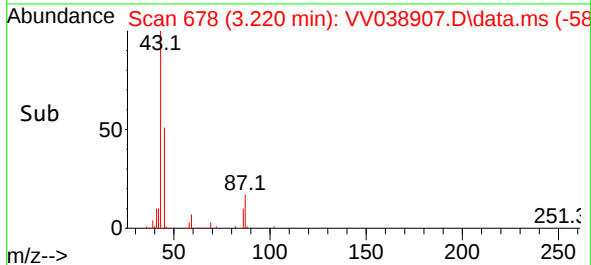
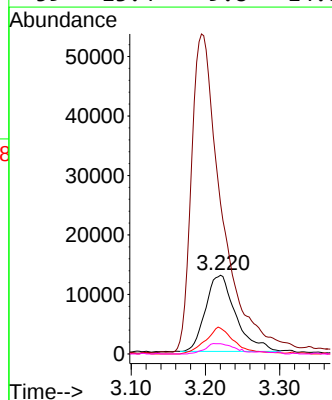
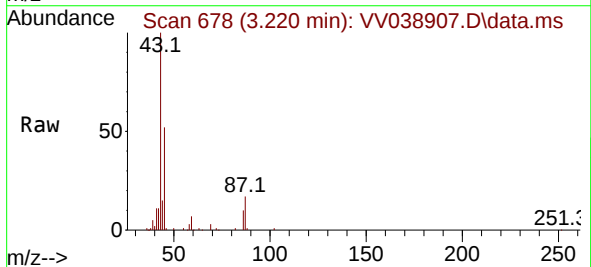
Instrument :
MSVOA_V
ClientSampleId :
MDL03

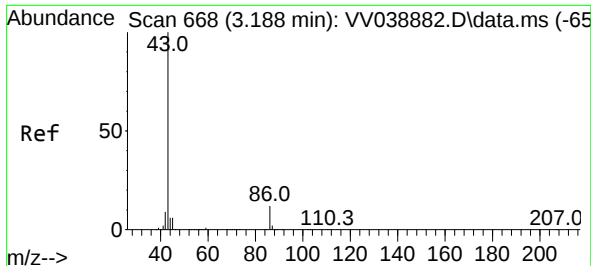
Tgt Ion: 96 Resp: 13944
Ion Ratio Lower Upper
96 100
61 130.8 102.0 153.0
98 69.6 51.0 76.6



#22
Diisopropyl ether
Concen: 2.017 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 45 Resp: 36222
Ion Ratio Lower Upper
45 100
43 181.8 132.1 198.1
87 33.8 25.0 37.4
59 13.4 9.8 14.8

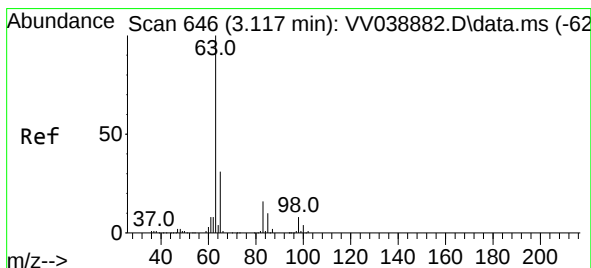
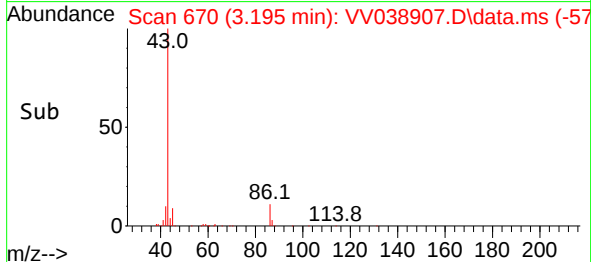
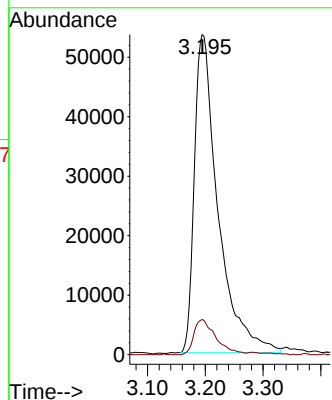
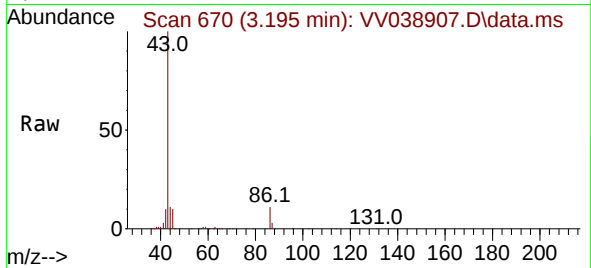




#23
 Vinyl Acetate
 Concen: 10.824 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

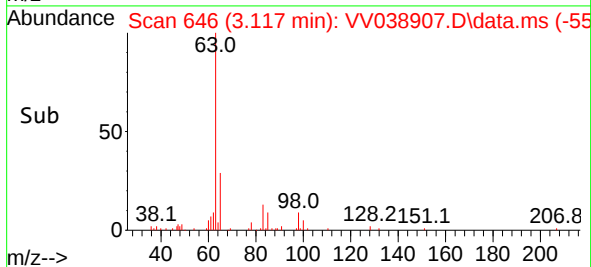
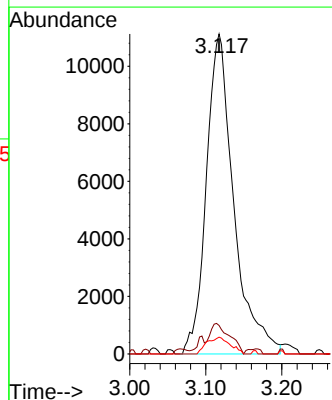
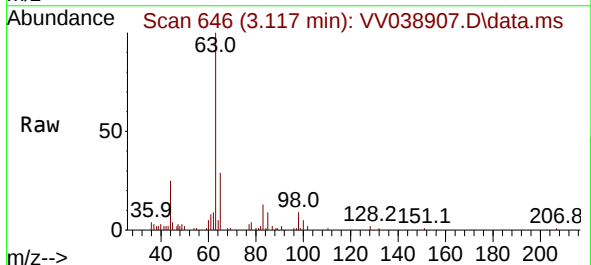
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

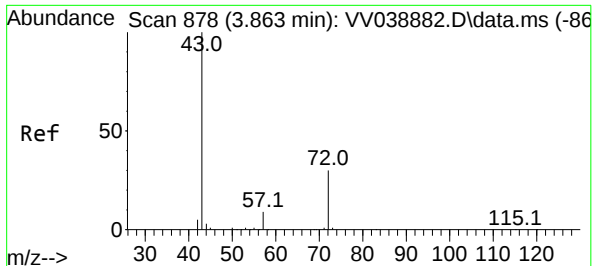
Tgt Ion: 43 Resp: 152432
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 2.367 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

Tgt Ion: 63 Resp: 27845
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.3 2.2 6.6

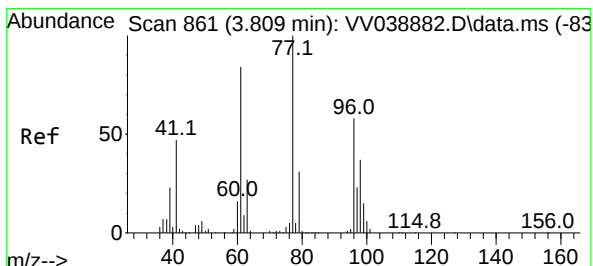
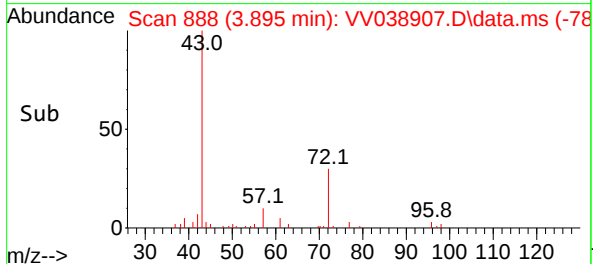
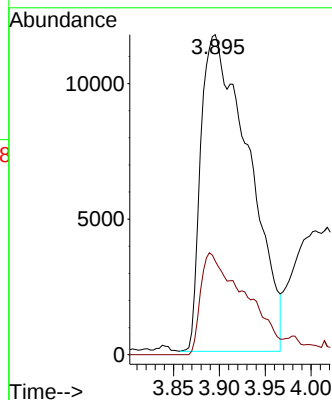
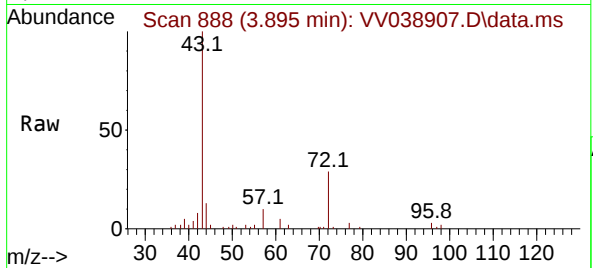




#25
2-Butanone
Concen: 10.353 ug/l
RT: 3.895 min Scan# 81
Delta R.T. 0.032 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

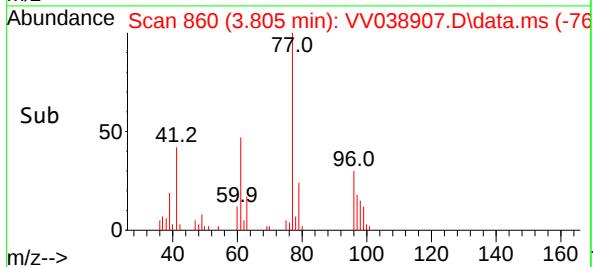
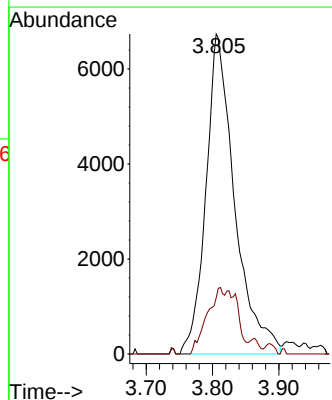
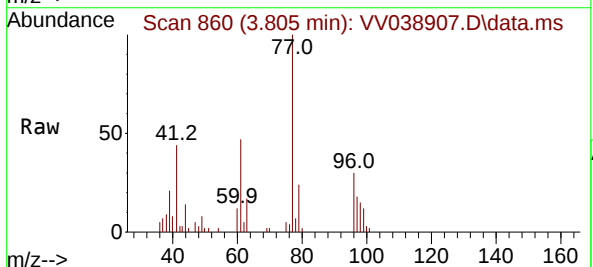
Instrument :
MSVOA_V
ClientSampleId :
MDL03

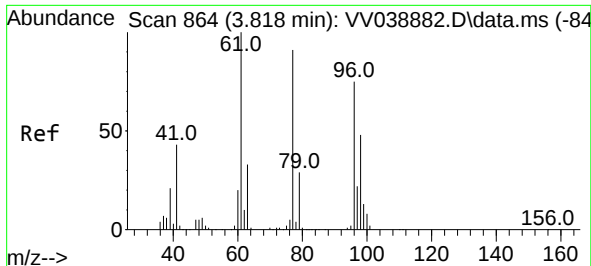
Tgt Ion: 43 Resp: 42283
Ion Ratio Lower Upper
43 100
72 29.6 23.9 35.9



#26
2,2-Dichloropropane
Concen: 1.967 ug/l
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 77 Resp: 20258
Ion Ratio Lower Upper
77 100
97 12.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 2.101 ug/l

RT: 3.825 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

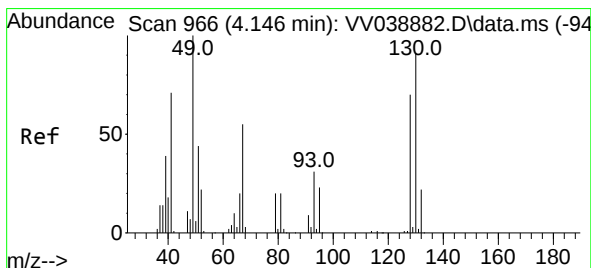
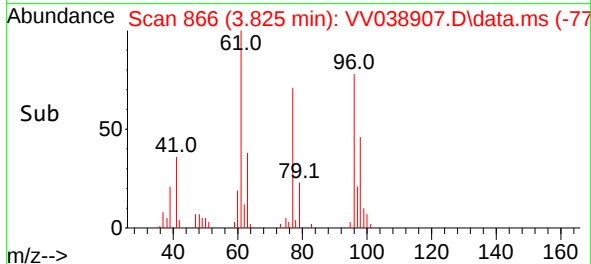
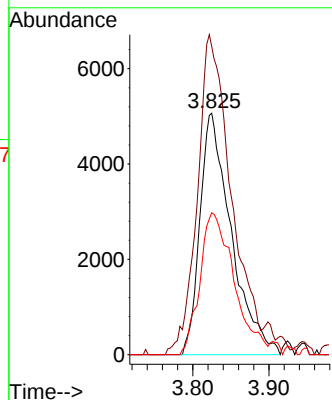
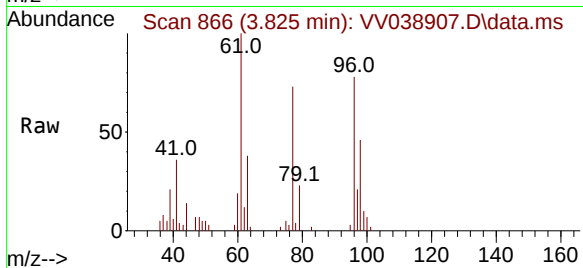
Tgt Ion: 96 Resp: 14484

Ion Ratio Lower Upper

96 100

61 142.4 0.0 275.0

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 2.621 ug/l

RT: 4.149 min Scan# 967

Delta R.T. 0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

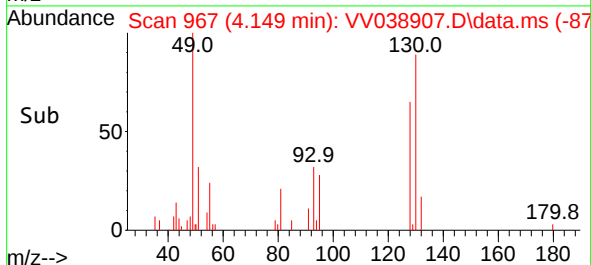
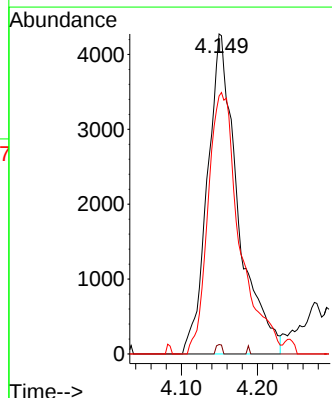
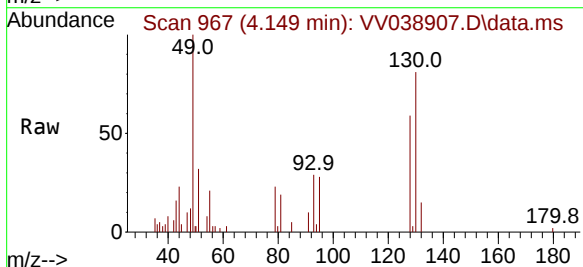
Tgt Ion: 49 Resp: 11932

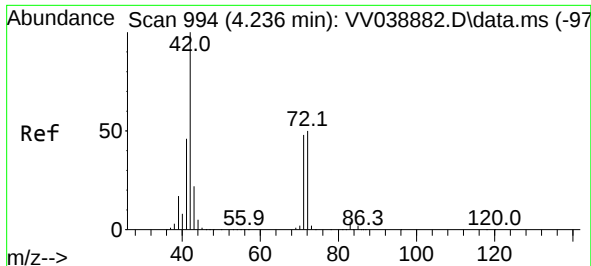
Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

130 84.4 70.1 105.1





#29

Tetrahydrofuran

Concen: 10.727 ug/l

RT: 4.246 min Scan# 994

Delta R.T. 0.010 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

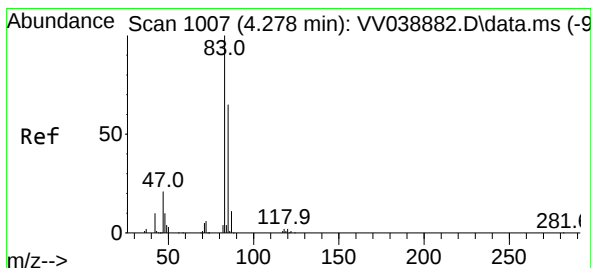
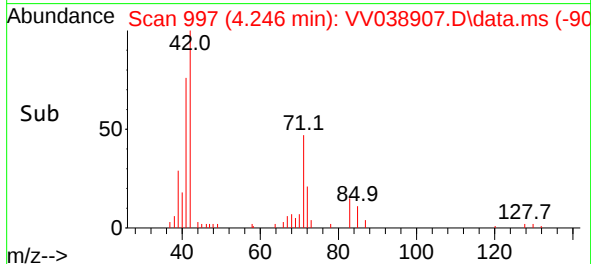
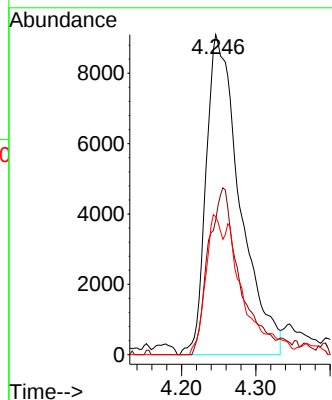
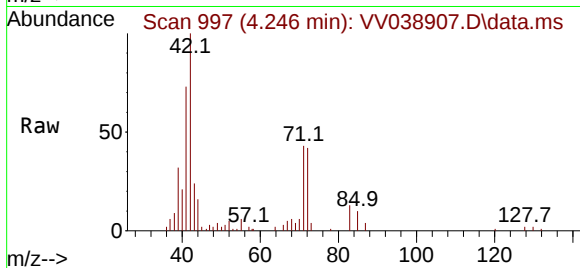
Tgt Ion: 42 Resp: 28875

Ion Ratio Lower Upper

42 100

72 47.9 41.6 62.4

71 21.3 38.4 57.6#



#30

Chloroform

Concen: 2.112 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038907.D

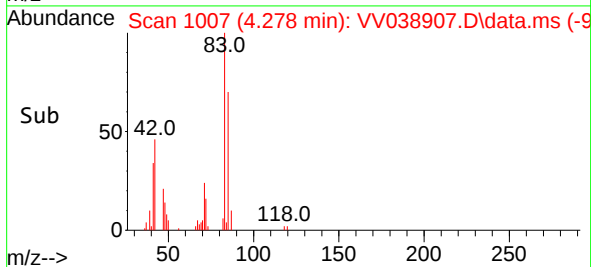
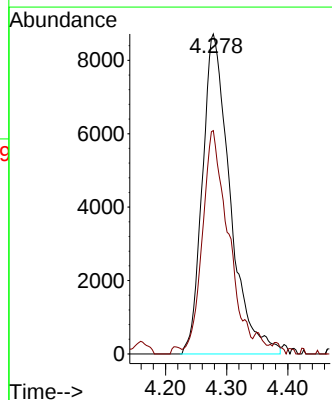
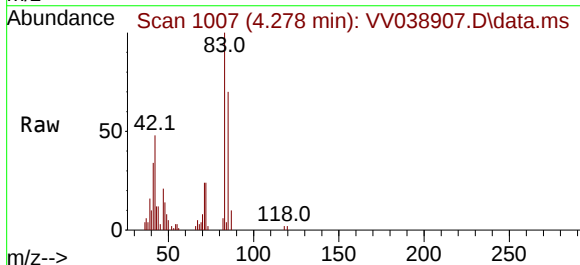
Acq: 16 Jul 2025 14:56

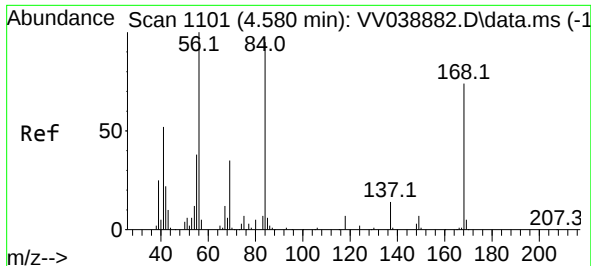
Tgt Ion: 83 Resp: 27386

Ion Ratio Lower Upper

83 100

85 68.0 52.2 78.4

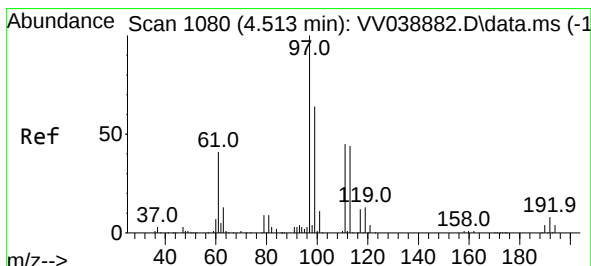
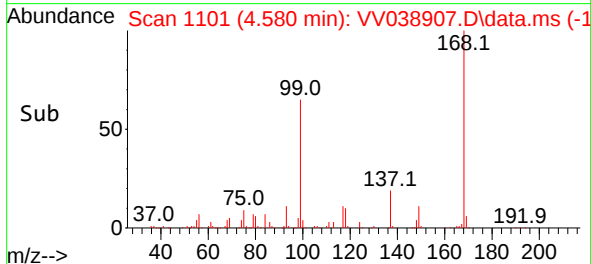
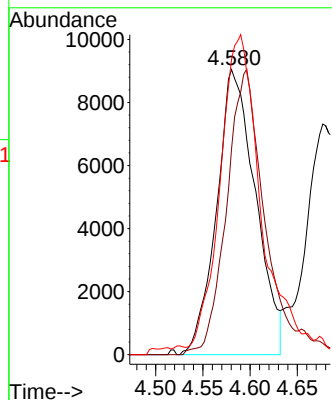
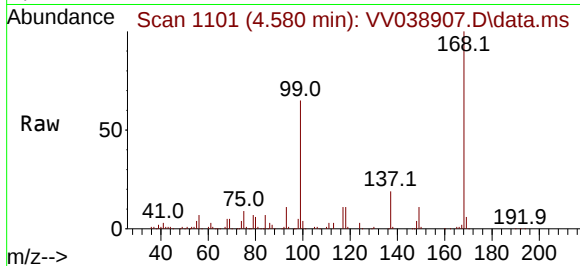




#31
Cyclohexane
Concen: 3.351 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

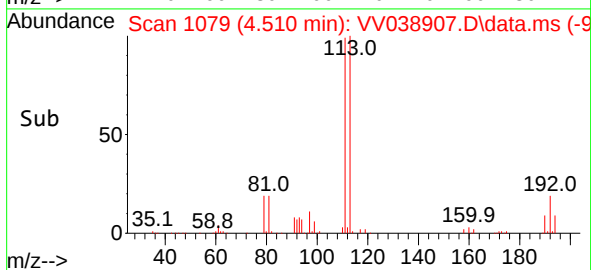
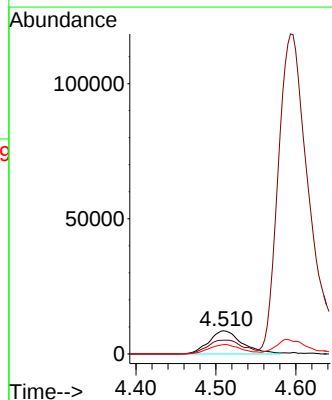
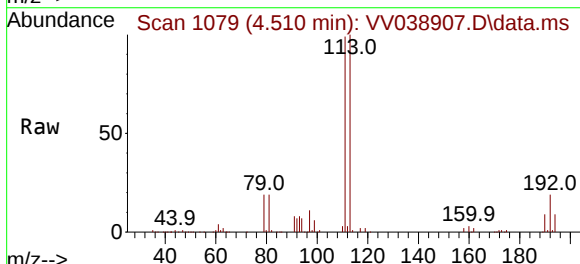
Instrument :
MSVOA_V
ClientSampleId :
MDL03

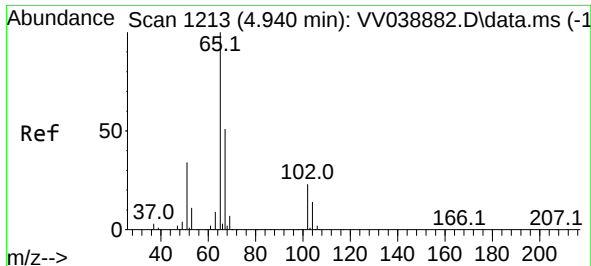
Tgt Ion: 56 Resp: 25873
Ion Ratio Lower Upper
56 100
69 72.2 28.2 42.2#
84 100.5 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 2.189 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 97 Resp: 24765
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 39.7 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 51.482 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

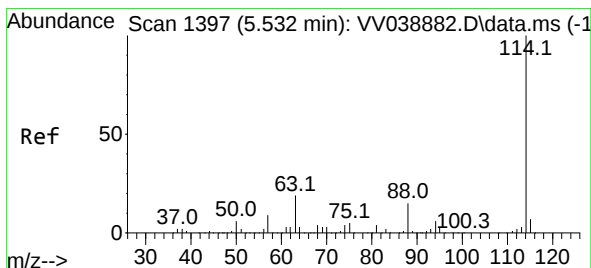
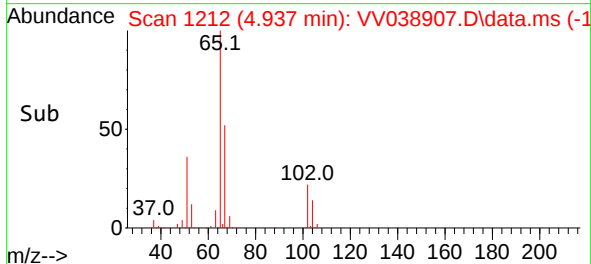
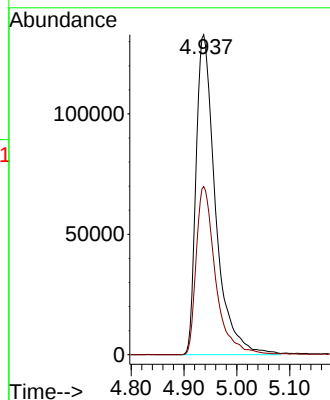
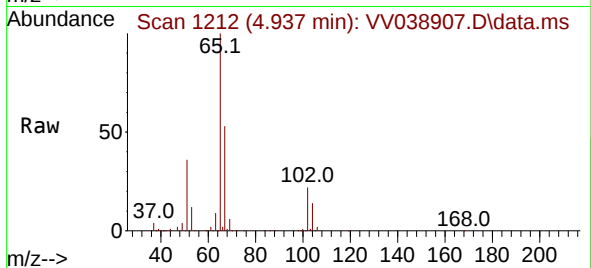
MDL03

Tgt Ion: 65 Resp: 338999

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

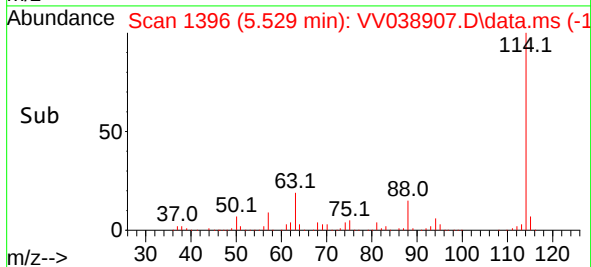
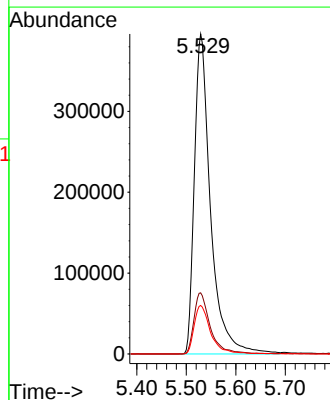
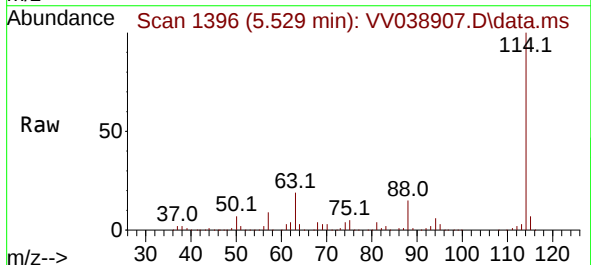
Tgt Ion: 114 Resp: 901472

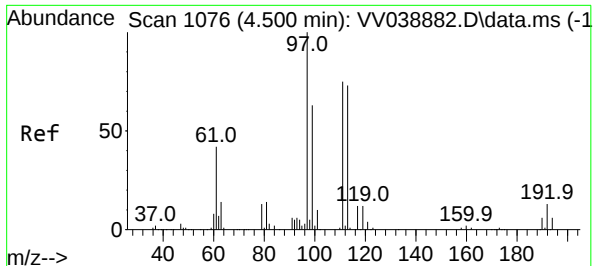
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.873 ug/l

RT: 4.497 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

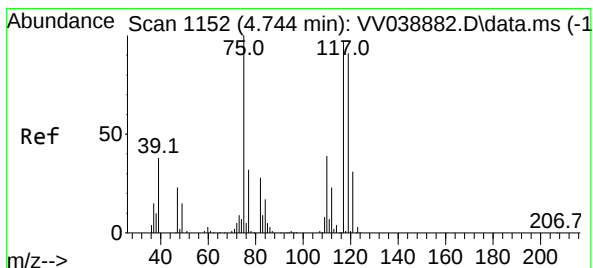
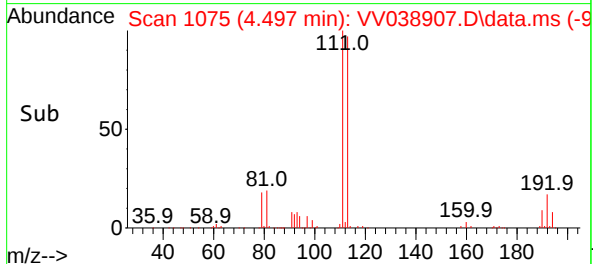
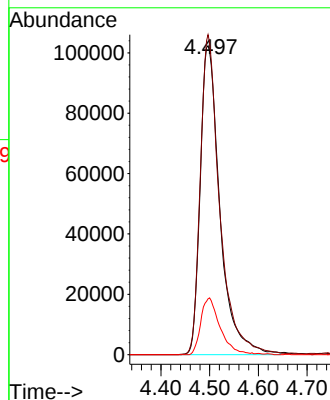
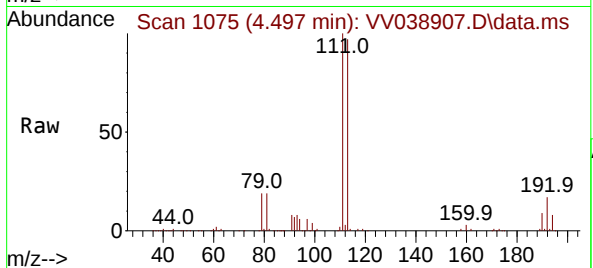
Tgt Ion:113 Resp: 288093

Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 18.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 2.002 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

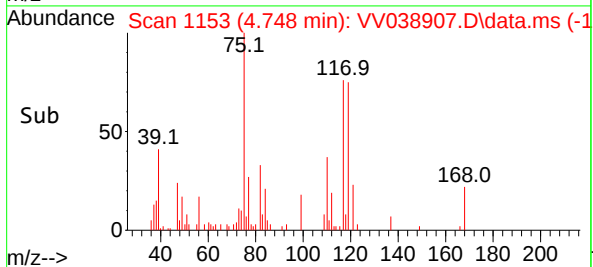
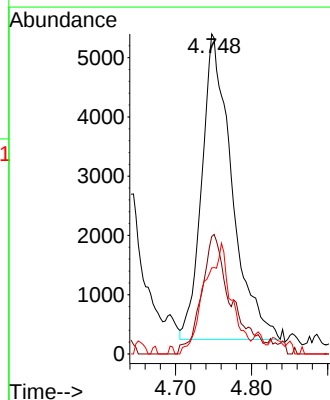
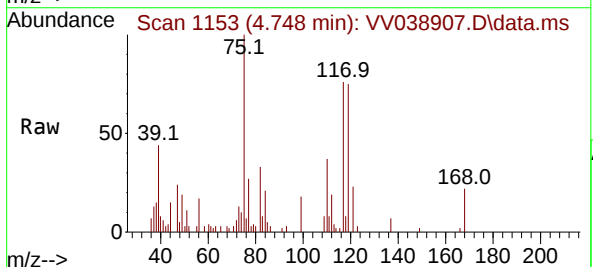
Tgt Ion: 75 Resp: 14139

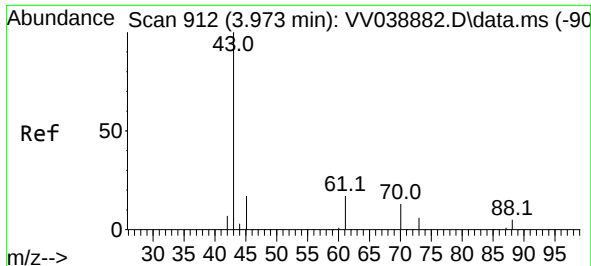
Ion Ratio Lower Upper

75 100

110 30.0 18.8 56.3

77 32.6 24.2 36.4





#37

Ethyl Acetate

Concen: 0.411 ug/l

RT: 4.005 min Scan# 91

Delta R.T. 0.032 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

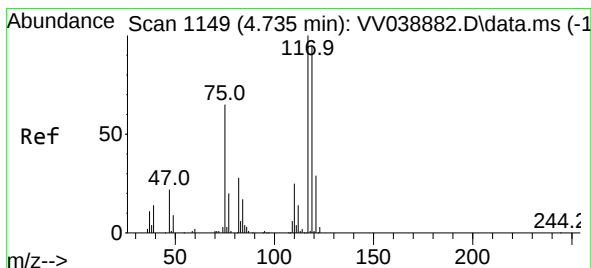
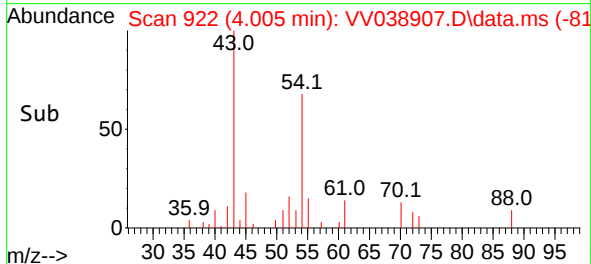
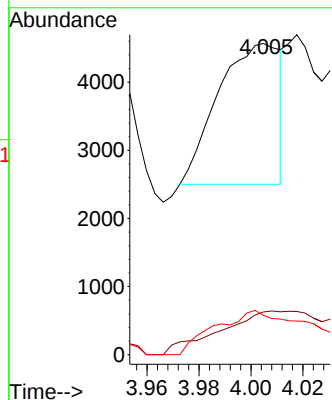
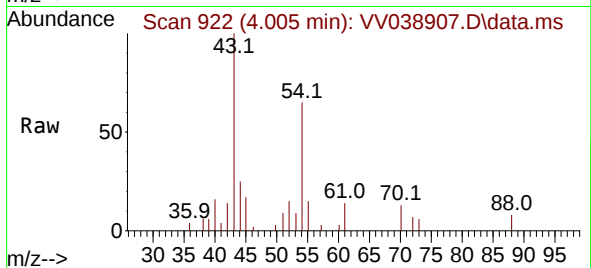
Tgt Ion: 43 Resp: 3420

Ion Ratio Lower Upper

43 100

61 47.4 11.1 16.7#

70 45.9 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 1.792 ug/l

RT: 4.731 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

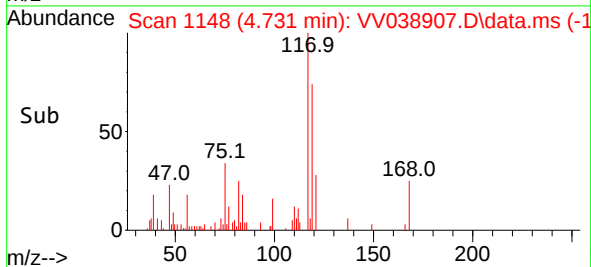
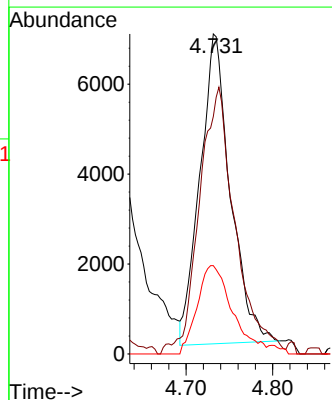
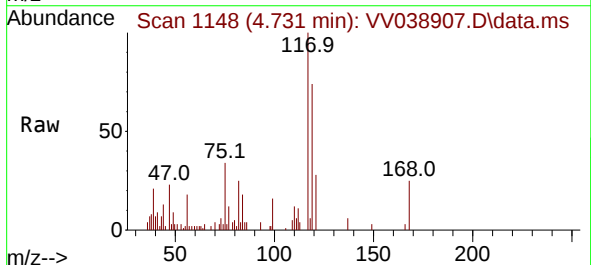
Tgt Ion: 117 Resp: 16814

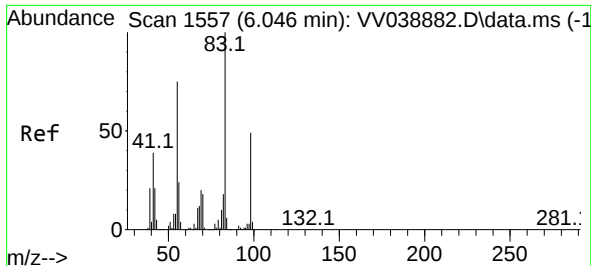
Ion Ratio Lower Upper

117 100

119 74.4 76.0 114.0#

121 28.7 23.1 34.7





#39

Methylcyclohexane

Concen: 2.059 ug/l

RT: 6.040 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

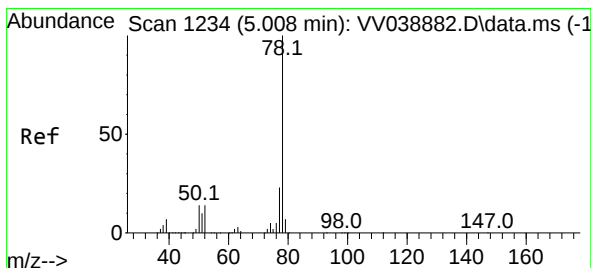
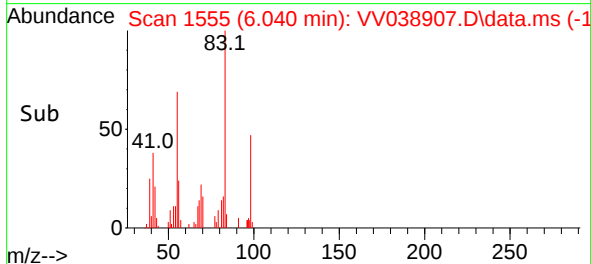
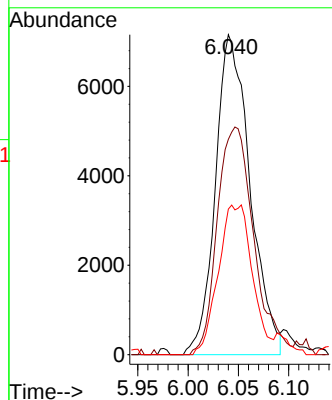
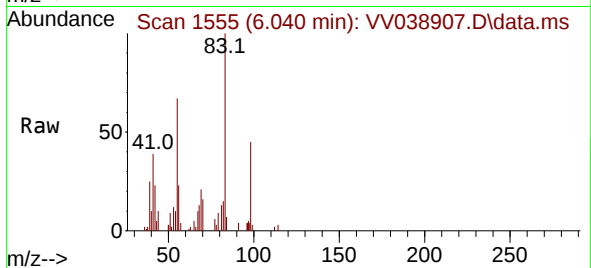
Tgt Ion: 83 Resp: 17158

Ion Ratio Lower Upper

83 100

55 67.3 60.0 90.0

98 45.5 39.0 58.6



#40

Benzene

Concen: 2.137 ug/l

RT: 5.014 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV038907.D

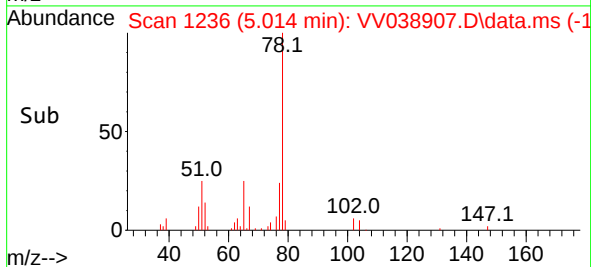
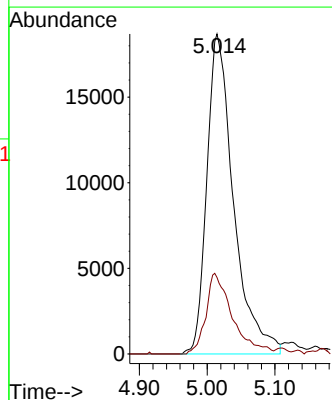
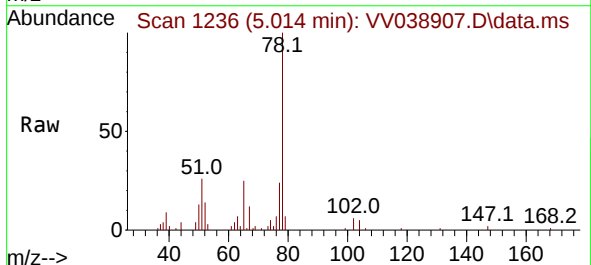
Acq: 16 Jul 2025 14:56

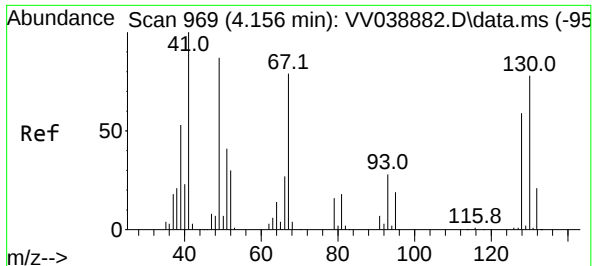
Tgt Ion: 78 Resp: 51171

Ion Ratio Lower Upper

78 100

77 23.9 18.6 28.0

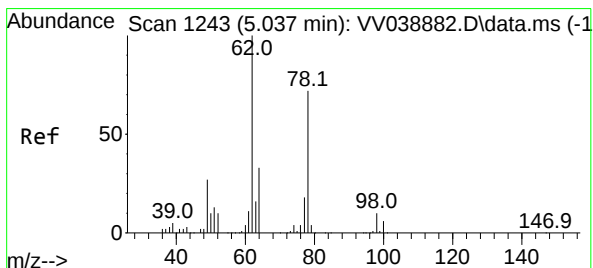
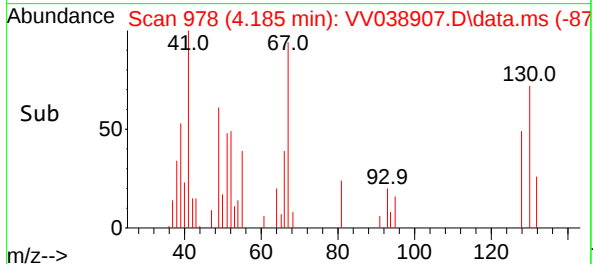
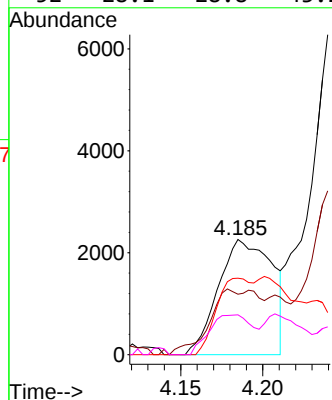
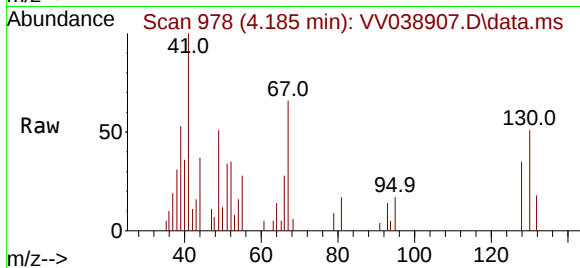




#41
Methacrylonitrile
Concen: 1.351 ug/l
RT: 4.185 min Scan# 91
Delta R.T. 0.029 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

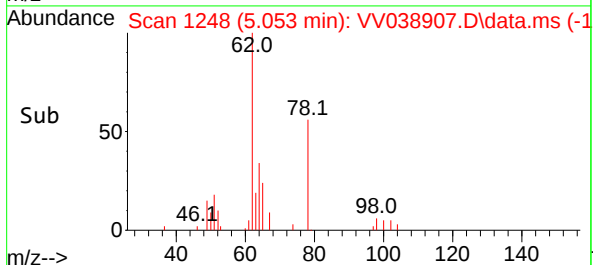
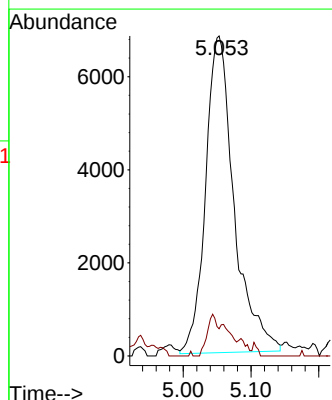
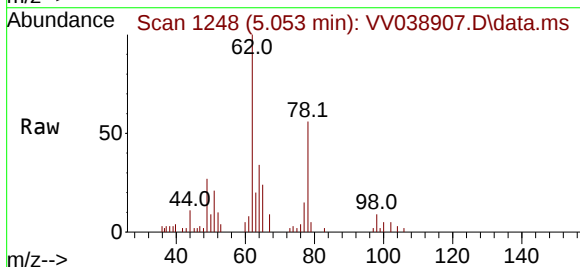
Instrument :
MSVOA_V
ClientSampleId :
MDL03

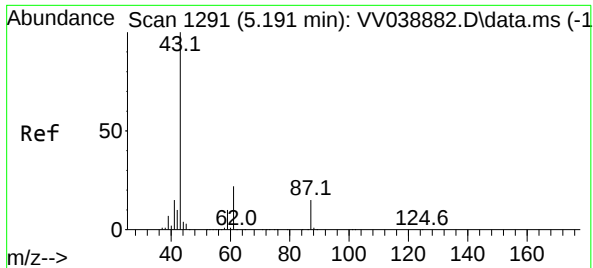
Tgt Ion: 41 Resp: 5155
Ion Ratio Lower Upper
41 100
39 31.5 42.0 63.0#
67 44.7 76.2 114.2#
52 28.1 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 2.178 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 62 Resp: 19882
Ion Ratio Lower Upper
62 100
98 4.9 0.0 18.8

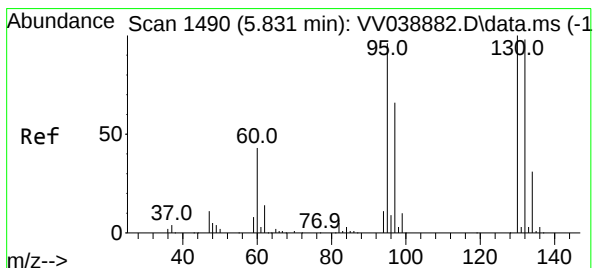
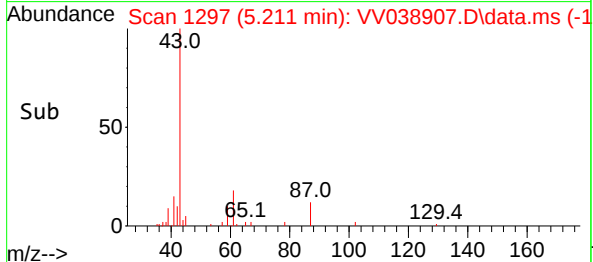
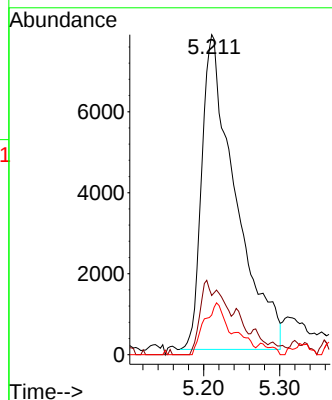
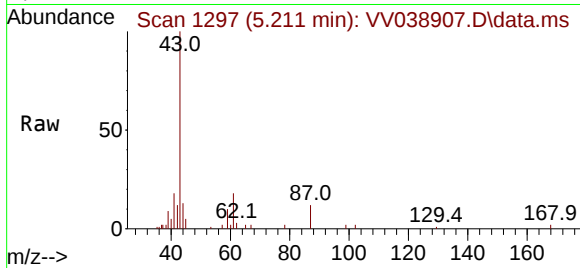




#43
Isopropyl Acetate
Concen: 1.816 ug/l
RT: 5.211 min Scan# 1297
Delta R.T. 0.019 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

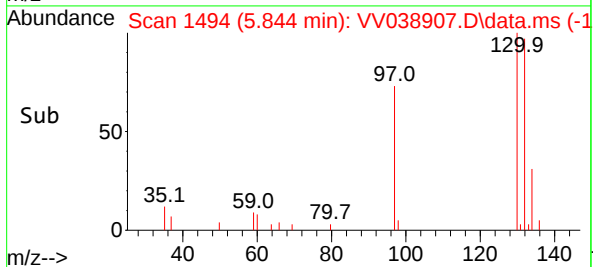
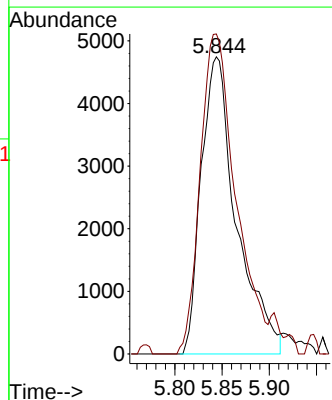
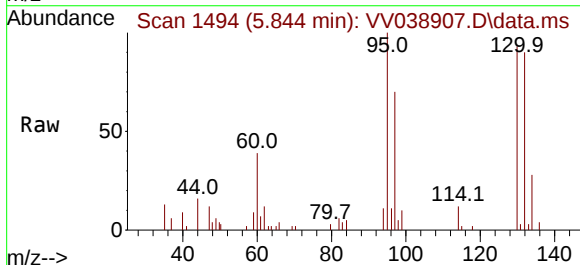
Instrument : MSVOA_V
ClientSampleId : MDL03

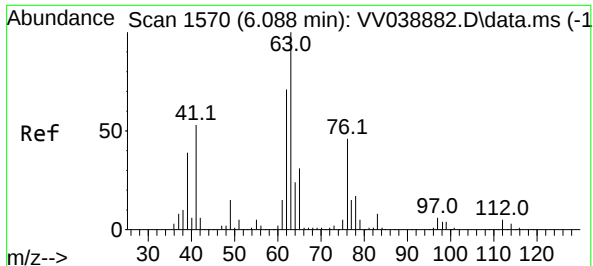
Tgt Ion: 43 Resp: 23881
Ion Ratio Lower Upper
43 100
61 8.1 17.1 25.7#
87 10.4 12.2 18.4#



#44
Trichloroethene
Concen: 1.966 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:130 Resp: 12301
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 1.704 ug/l

RT: 6.101 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

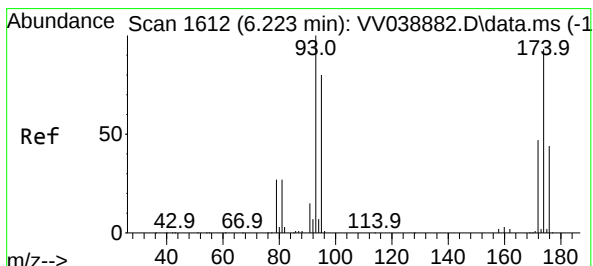
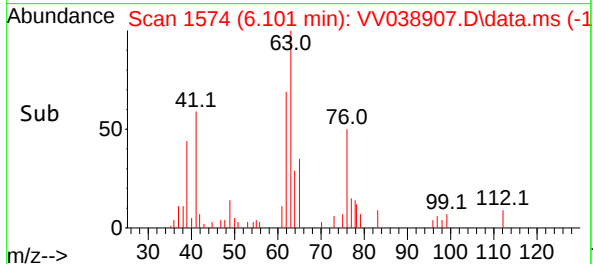
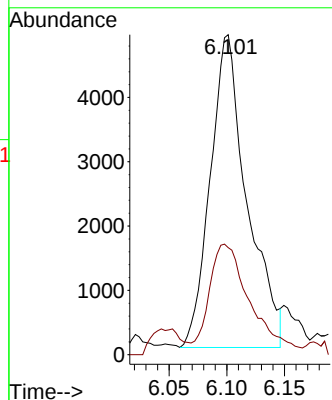
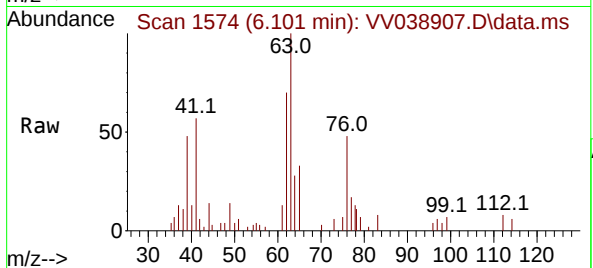
MDL03

Tgt Ion: 63 Resp: 10780

Ion Ratio Lower Upper

63 100

65 29.3 24.9 37.3



#46

Dibromomethane

Concen: 2.237 ug/l

RT: 6.239 min Scan# 1617

Delta R.T. 0.016 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

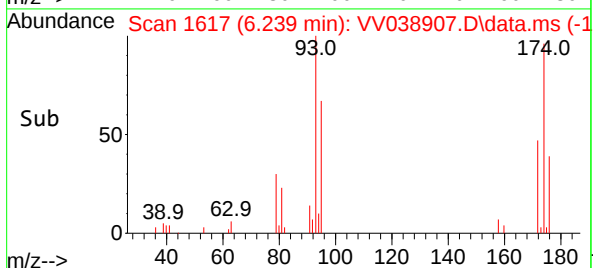
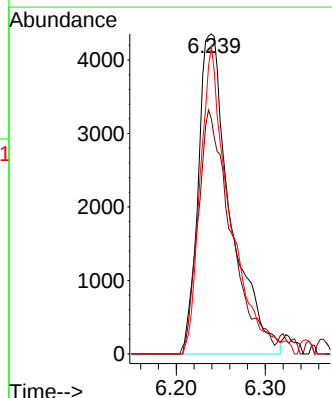
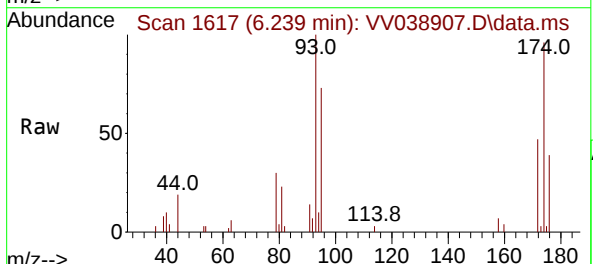
Tgt Ion: 93 Resp: 10950

Ion Ratio Lower Upper

93 100

95 78.3 66.2 99.4

174 88.3 75.3 112.9

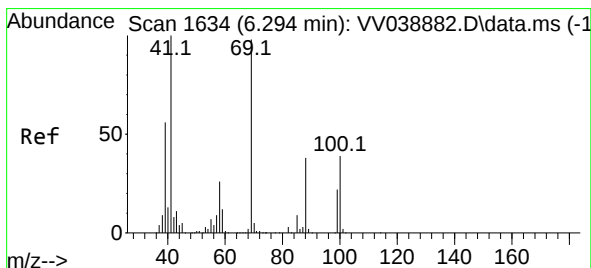
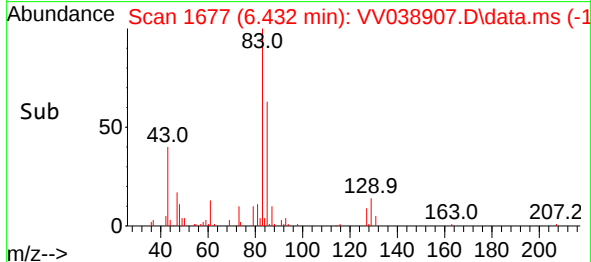
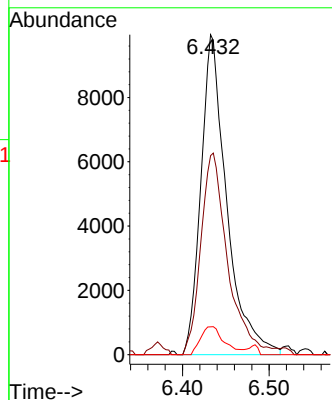
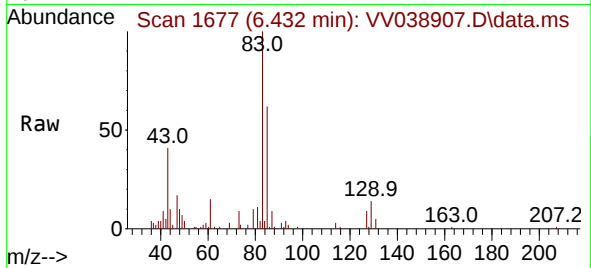




#47
Bromodichloromethane
Concen: 1.979 ug/l
RT: 6.432 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

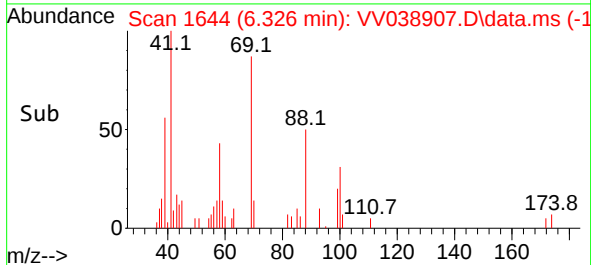
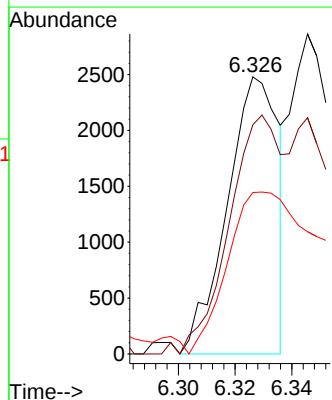
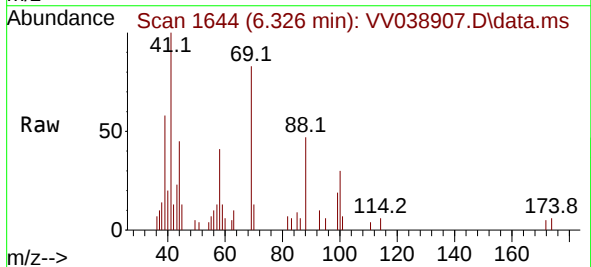
Instrument :
MSVOA_V
ClientSampleId :
MDL03

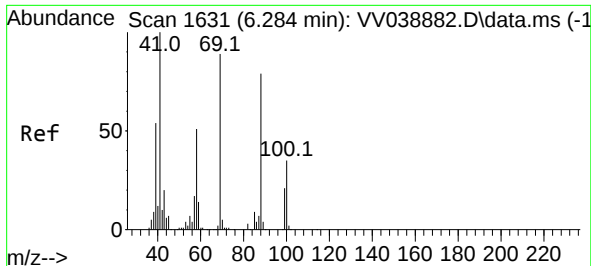
Tgt Ion:	83	Resp:	20555
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.0
127	8.7	6.9	10.3



#48
Methyl methacrylate
Concen: 0.545 ug/l
RT: 6.326 min Scan# 1644
Delta R.T. 0.032 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:	41	Resp:	3109
Ion	Ratio	Lower	Upper
41	100		
69	84.9	79.4	119.2
39	122.2	44.0	66.0





#49

1,4-Dioxane

Concen: 37.028 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.033 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

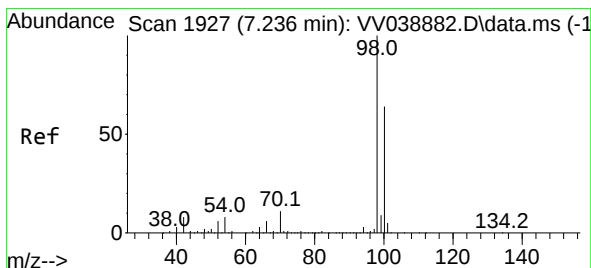
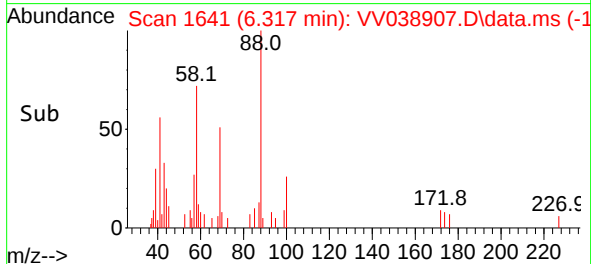
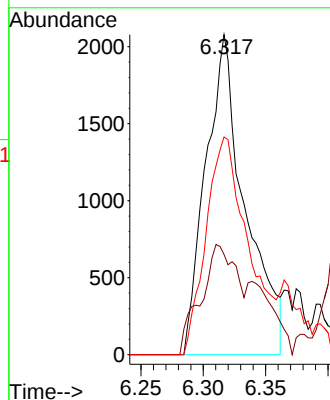
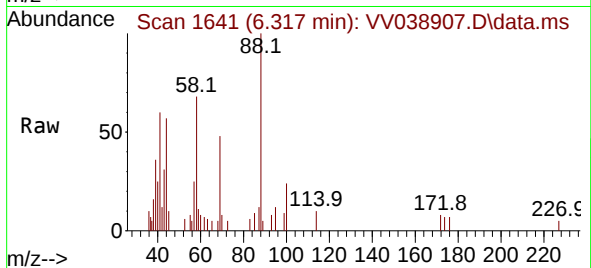
Tgt Ion: 88 Resp: 4554

Ion Ratio Lower Upper

88 100

43 31.9 23.0 34.4

58 73.0 53.8 80.6



#50

Toluene-d8

Concen: 53.765 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038907.D

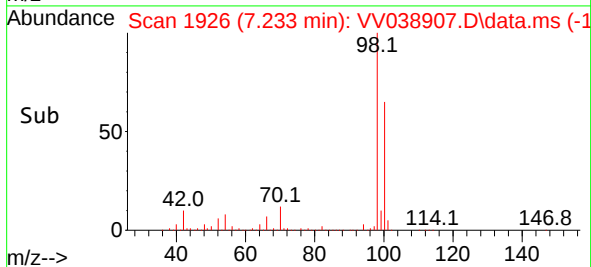
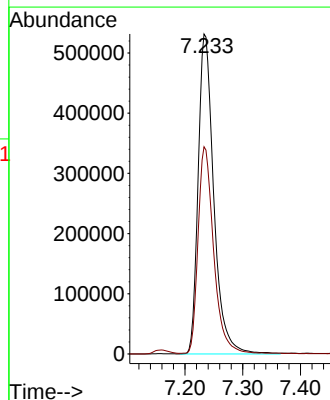
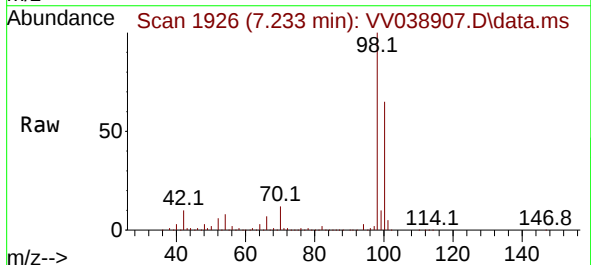
Acq: 16 Jul 2025 14:56

Tgt Ion: 98 Resp: 998858

Ion Ratio Lower Upper

98 100

100 64.3 52.9 79.3

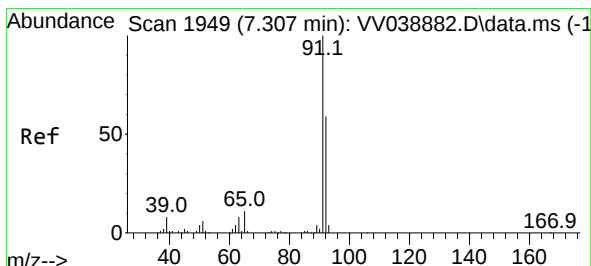
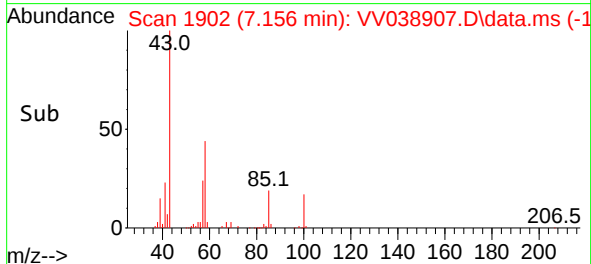
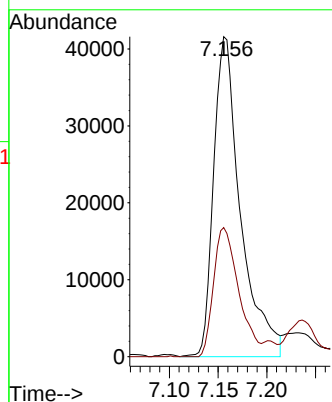
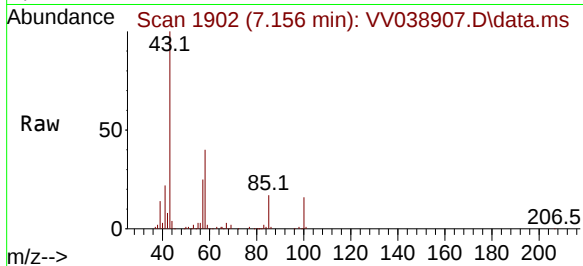




#51
4-Methyl-2-Pentanone
Concen: 8.914 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

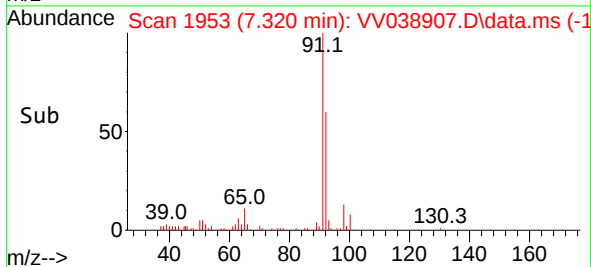
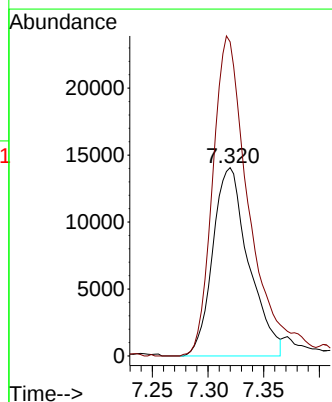
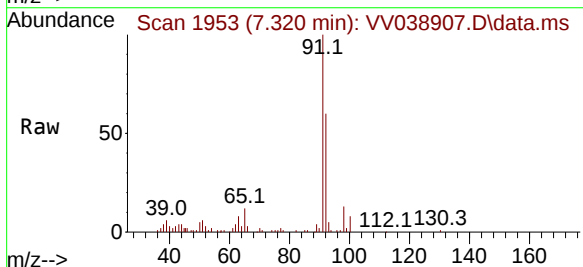
Instrument :
MSVOA_V
ClientSampleId :
MDL03

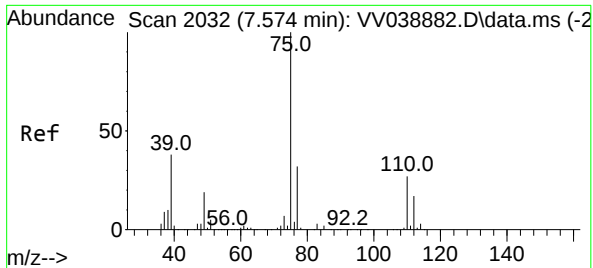
Tgt Ion: 43 Resp: 79834
Ion Ratio Lower Upper
43 100
58 37.9 34.5 51.7



#52
Toluene
Concen: 2.092 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 92 Resp: 31562
Ion Ratio Lower Upper
92 100
91 172.6 137.1 205.7

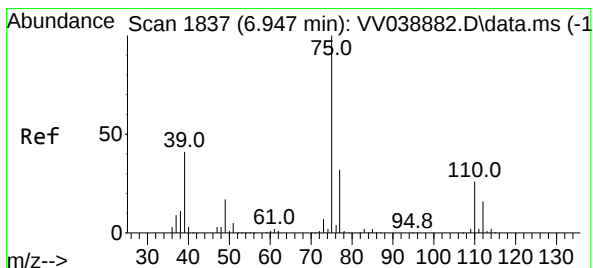
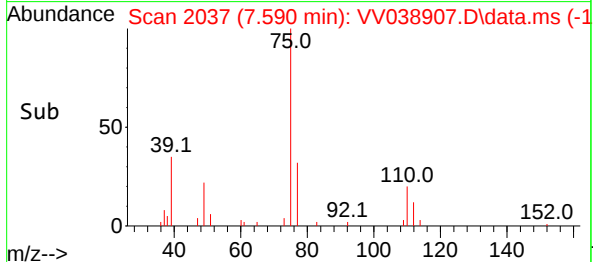
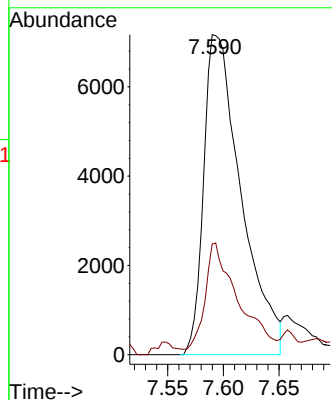
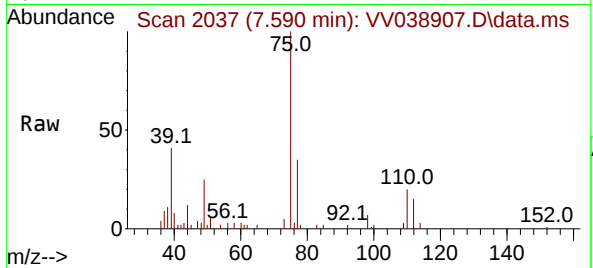




#53
 t-1,3-Dichloropropene
 Concen: 1.785 ug/l
 RT: 7.590 min Scan# 2032
 Delta R.T. 0.016 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

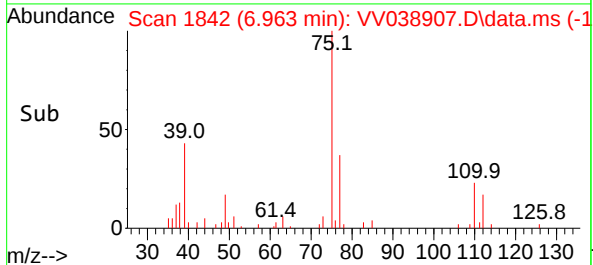
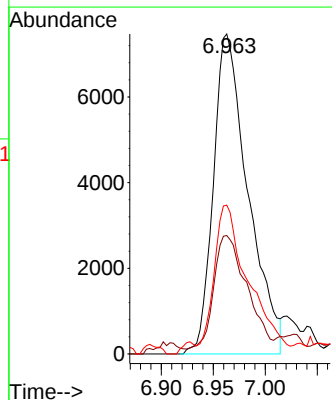
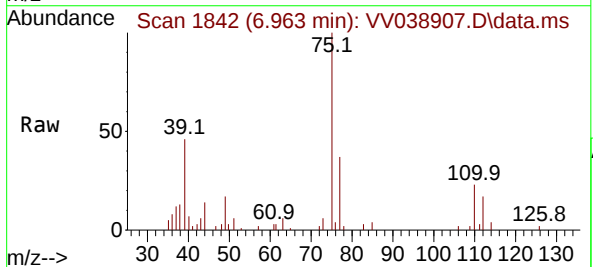
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

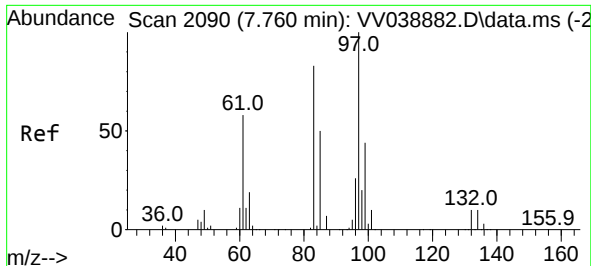
Tgt Ion: 75 Resp: 16776
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 1.705 ug/l
 RT: 6.963 min Scan# 1842
 Delta R.T. 0.016 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

Tgt Ion: 75 Resp: 17323
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.5 38.3
 39 45.0 33.1 49.7

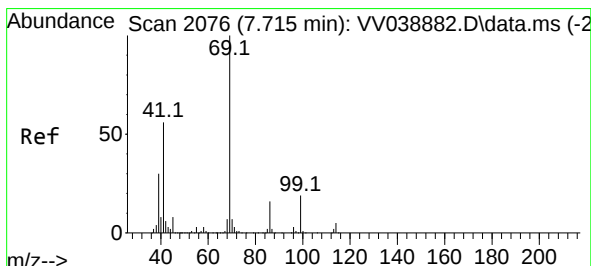
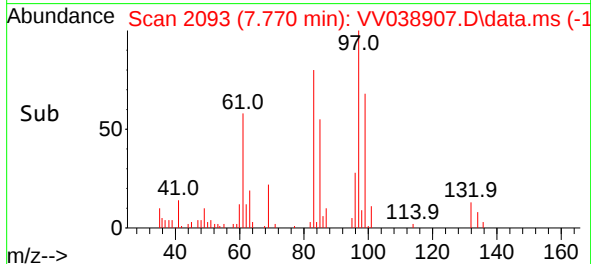
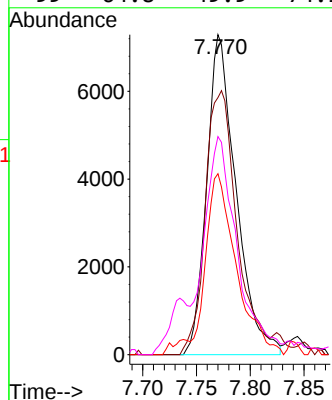
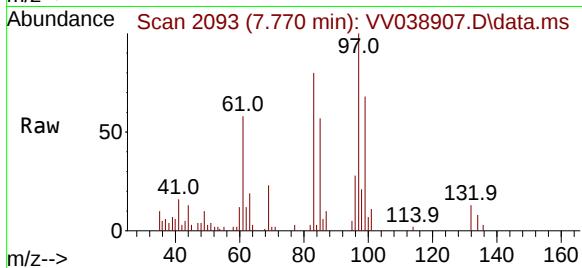




#55
 1,1,2-Trichloroethane
 Concen: 1.923 ug/l
 RT: 7.770 min Scan# 2090
 Delta R.T. 0.010 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

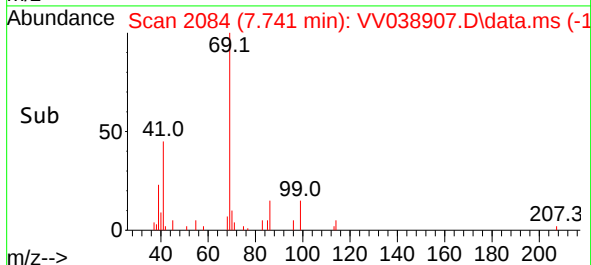
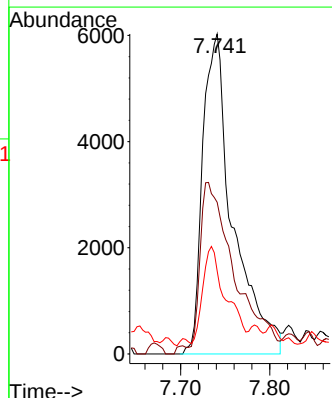
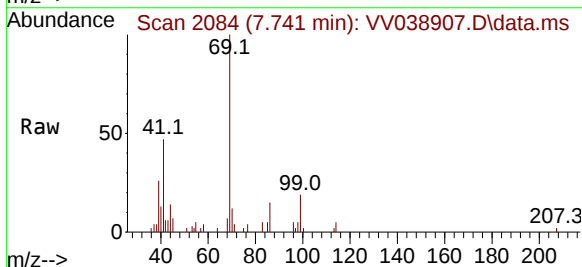
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

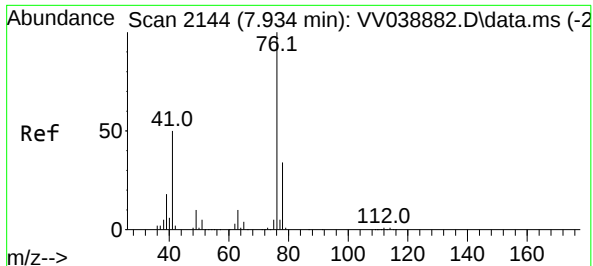
Tgt Ion: 97	Resp: 13866
Ion Ratio	Lower Upper
97 100	
83 80.4	66.2 99.4
85 54.7	41.4 62.2
99 64.8	49.9 74.9



#56
 Ethyl methacrylate
 Concen: 1.652 ug/l
 RT: 7.741 min Scan# 2084
 Delta R.T. 0.026 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

Tgt Ion: 69	Resp: 14156
Ion Ratio	Lower Upper
69 100	
41 56.4	45.7 68.5
39 23.1	23.8 35.8#





#57

1,3-Dichloropropane

Concen: 2.011 ug/l

RT: 7.944 min Scan# 2144

Delta R.T. 0.010 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

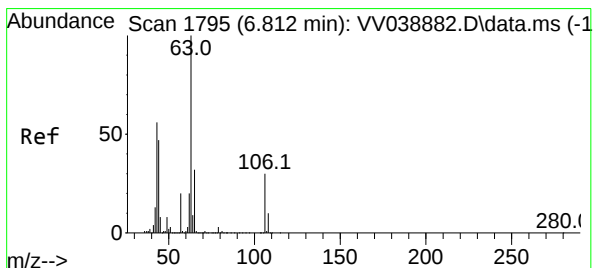
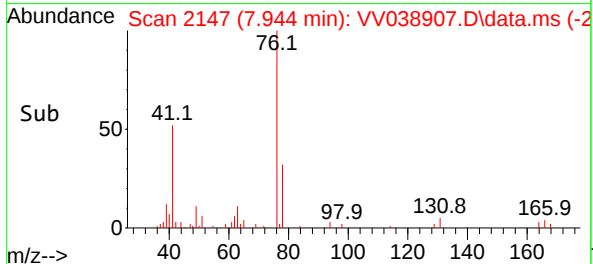
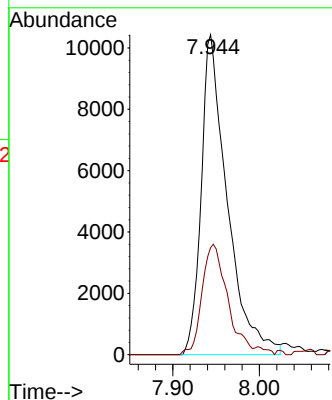
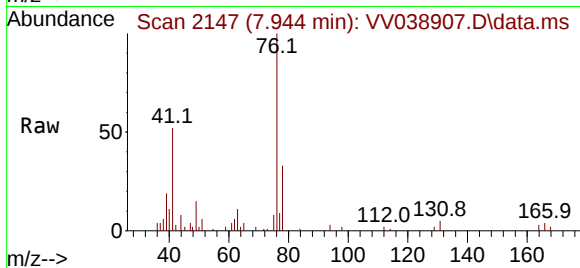
MDL03

Tgt Ion: 76 Resp: 21745

Ion Ratio Lower Upper

76 100

78 33.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 7.355 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.013 min

Lab File: VV038907.D

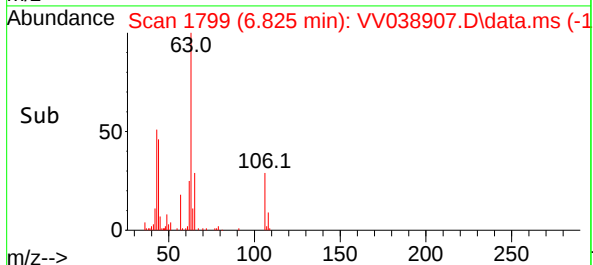
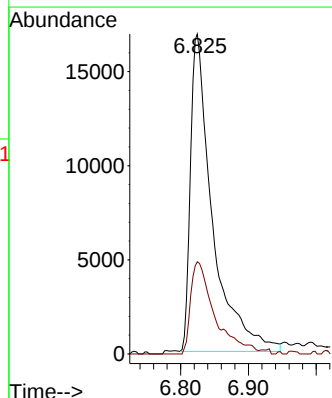
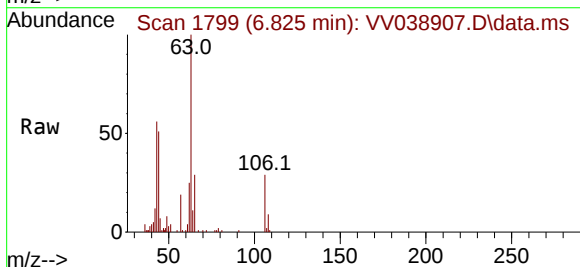
Acq: 16 Jul 2025 14:56

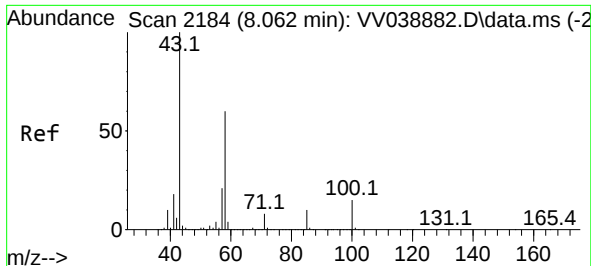
Tgt Ion: 63 Resp: 38033

Ion Ratio Lower Upper

63 100

106 31.6 24.1 36.1

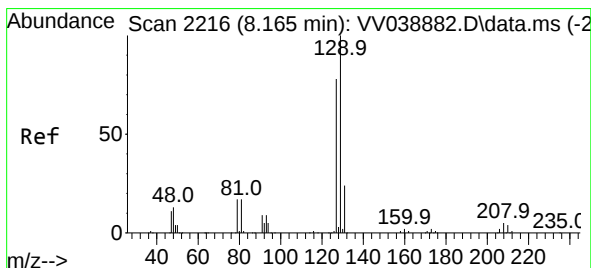
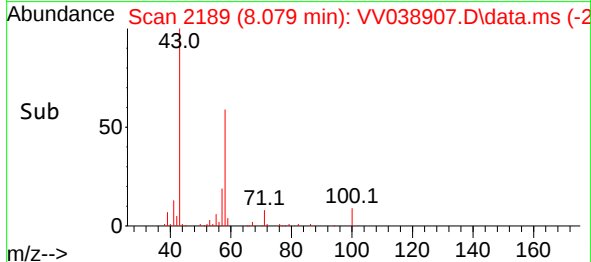
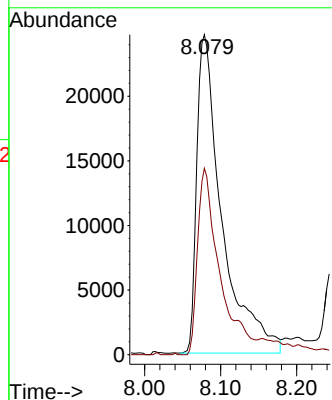
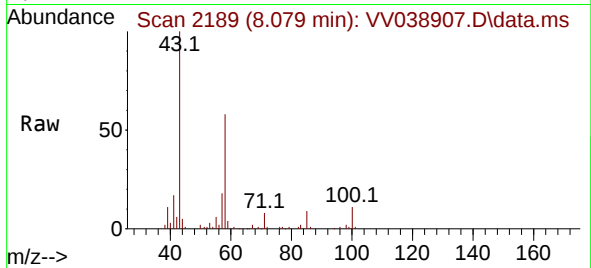




#59
2-Hexanone
Concen: 8.502 ug/l
RT: 8.079 min Scan# 2184
Delta R.T. 0.017 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

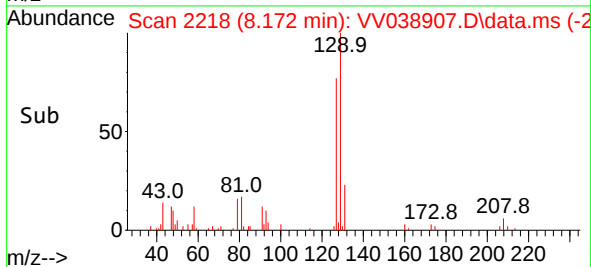
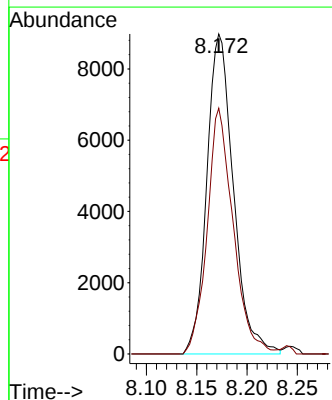
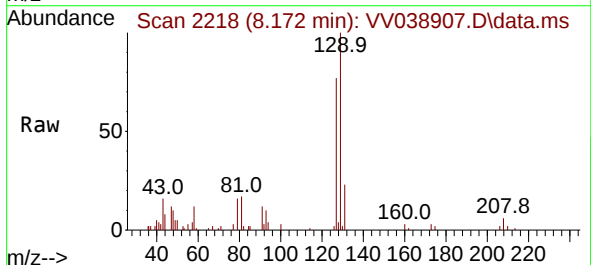
Instrument :
MSVOA_V
ClientSampleId :
MDL03

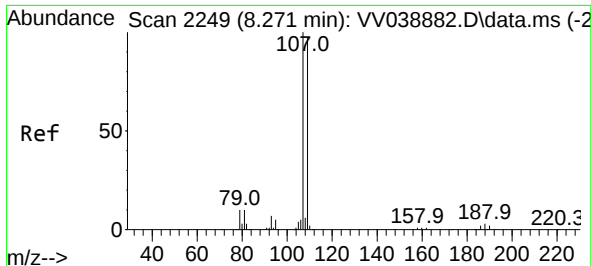
Tgt Ion: 43 Resp: 56680
Ion Ratio Lower Upper
43 100
58 51.3 29.6 88.8



#60
Dibromochloromethane
Concen: 1.945 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 129 Resp: 16515
Ion Ratio Lower Upper
129 100
127 75.0 39.4 118.2

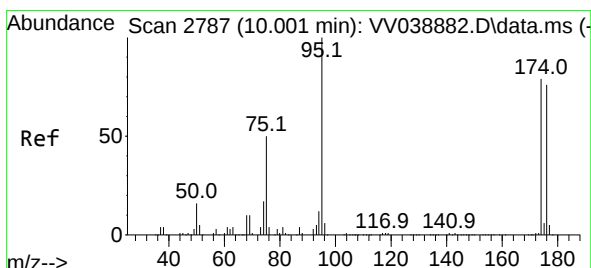
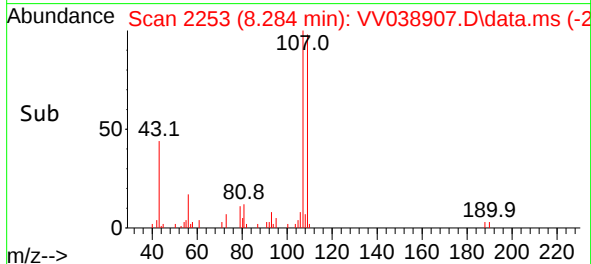
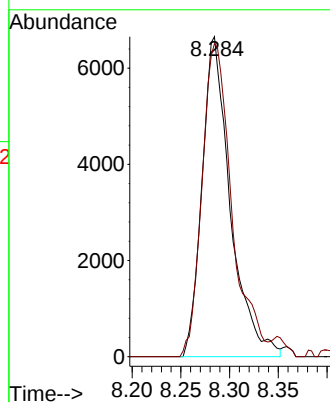
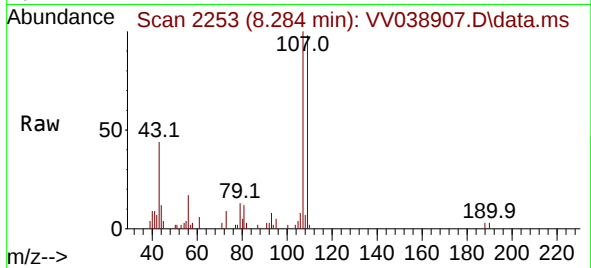




#61
1,2-Dibromoethane
Concen: 1.846 ug/l
RT: 8.284 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

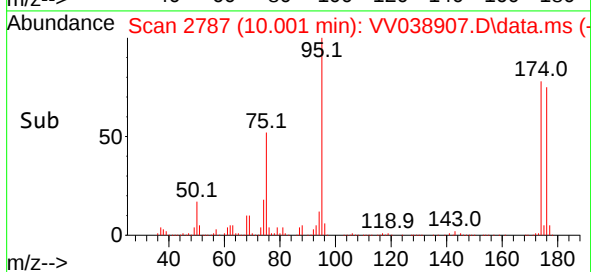
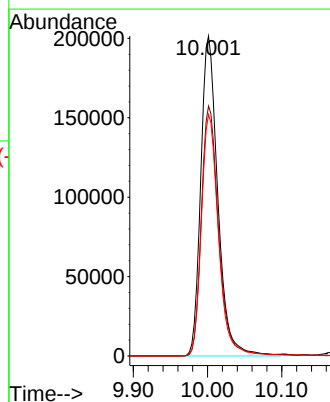
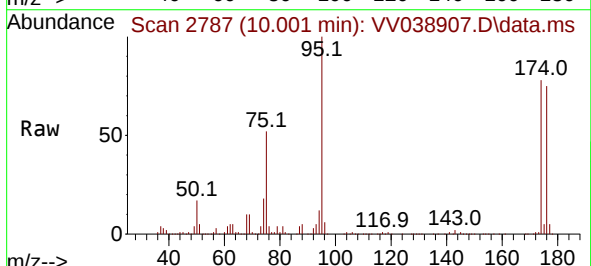
Instrument :
MSVOA_V
ClientSampleId :
MDL03

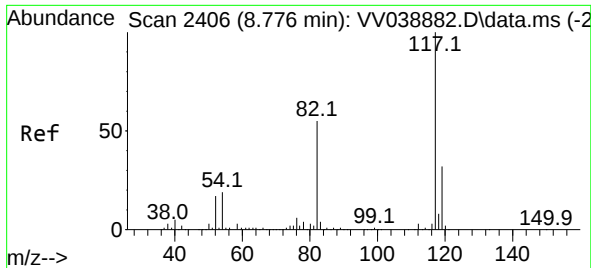
Tgt Ion:107 Resp: 13412
Ion Ratio Lower Upper
107 100
109 103.2 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 42.944 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 95 Resp: 321393
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 75.6 0.0 152.2

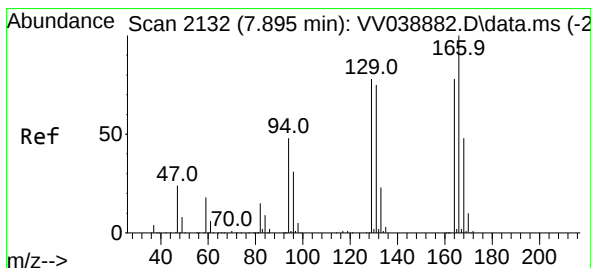
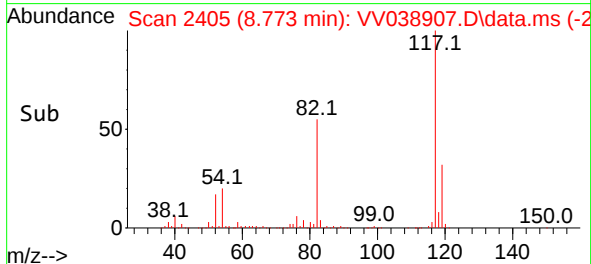
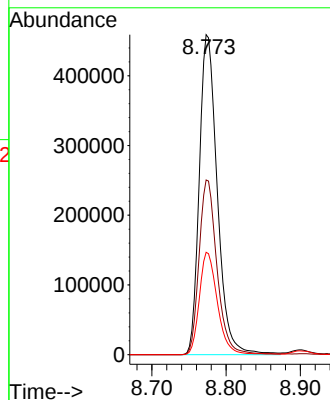
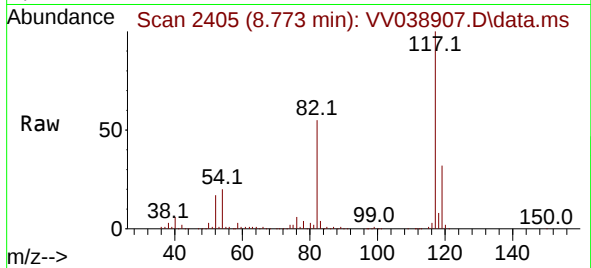




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

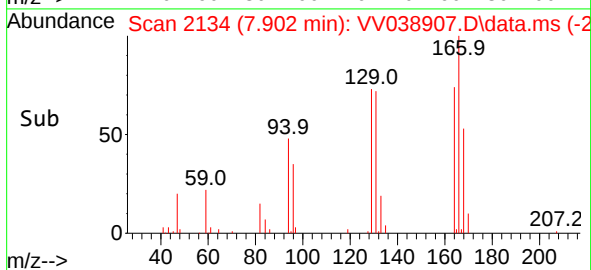
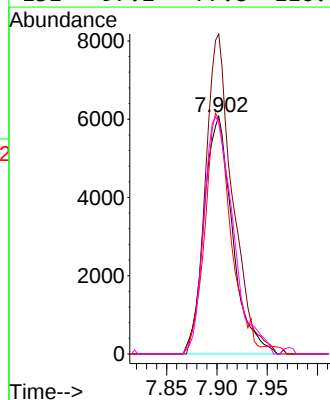
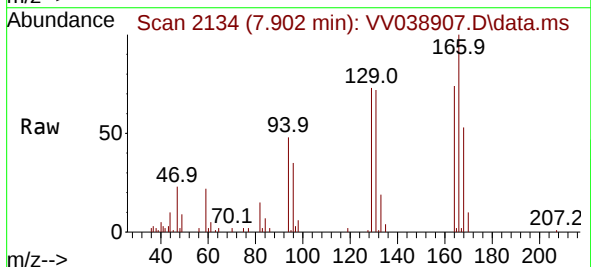
Instrument :
MSVOA_V
ClientSampleId :
MDL03

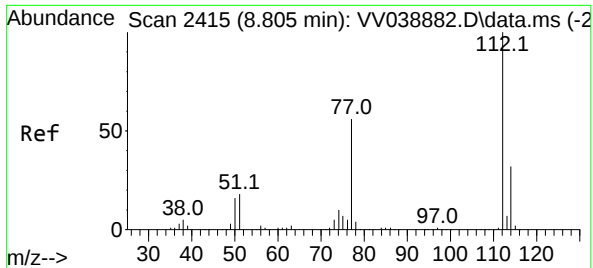
Tgt Ion:117 Resp: 773953
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 2.355 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:164 Resp: 11952
Ion Ratio Lower Upper
164 100
166 134.7 103.2 154.8
129 98.5 81.0 121.4
131 97.2 77.8 116.8

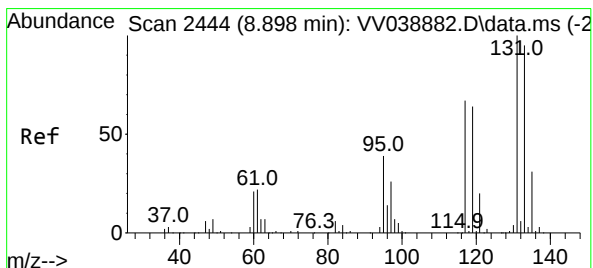
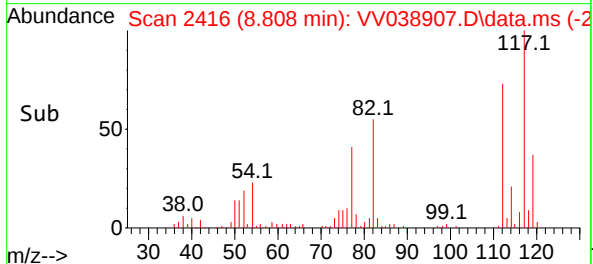
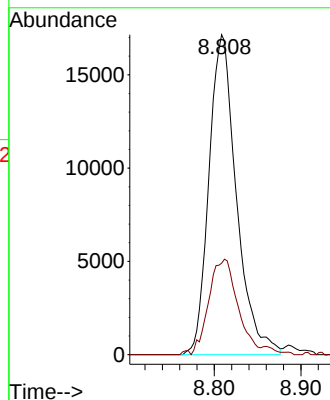
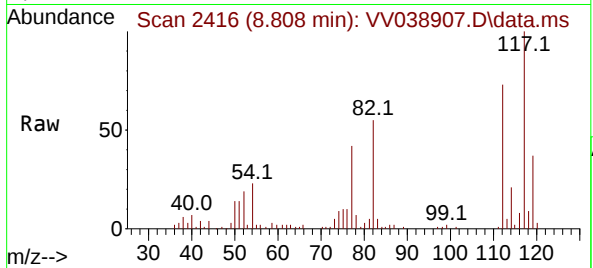




#65
Chlorobenzene
Concen: 2.238 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

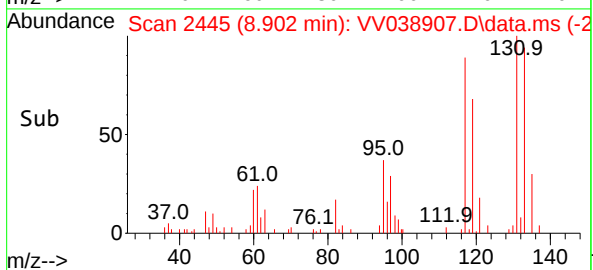
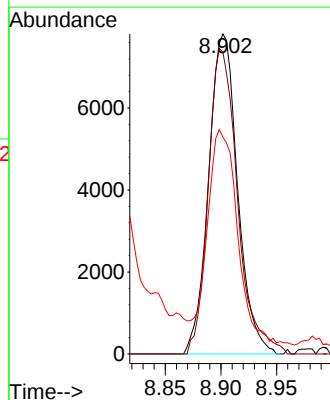
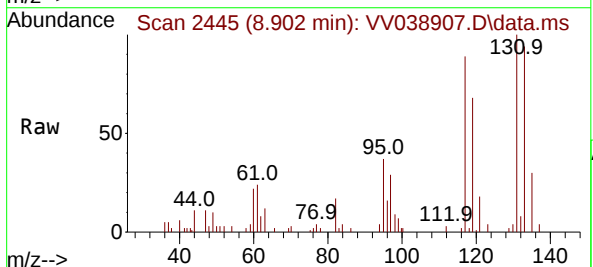
Instrument :
MSVOA_V
ClientSampleId :
MDL03

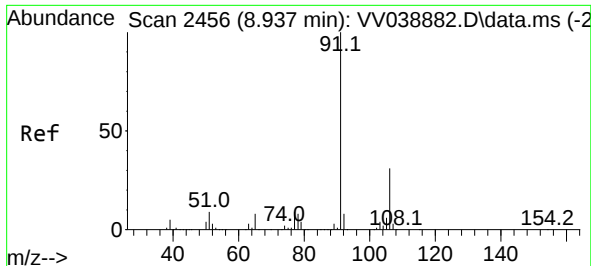
Tgt Ion:112 Resp: 37850
Ion Ratio Lower Upper
112 100
114 28.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 2.097 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:131 Resp: 14142
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 71.4 32.0 96.2





#67

Ethyl Benzene

Concen: 1.990 ug/l

RT: 8.944 min Scan# 2456

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

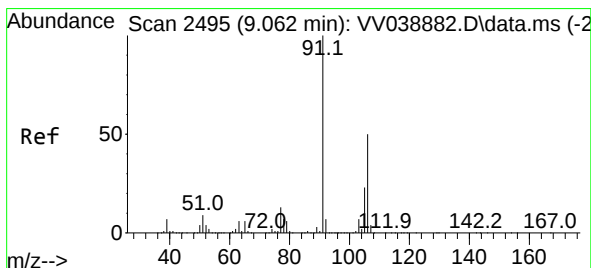
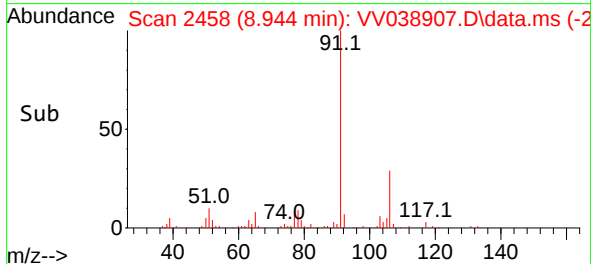
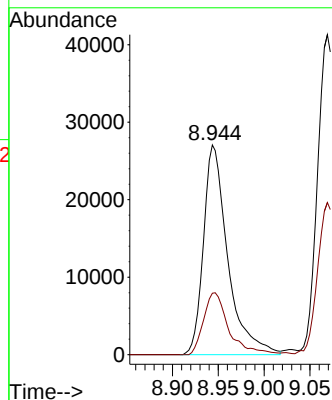
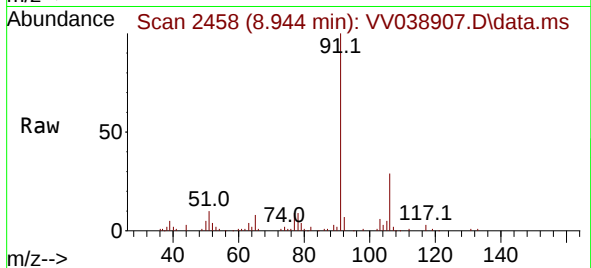
MDL03

Tgt Ion: 91 Resp: 49967

Ion Ratio Lower Upper

91 100

106 29.3 24.8 37.2



#68

m/p-Xylenes

Concen: 3.734 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.006 min

Lab File: VV038907.D

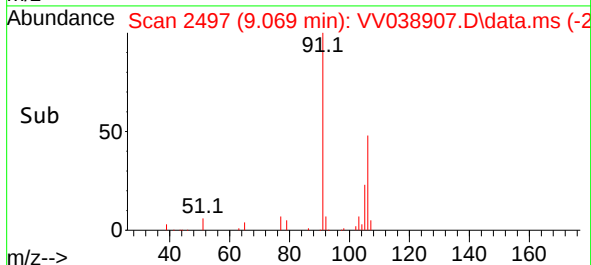
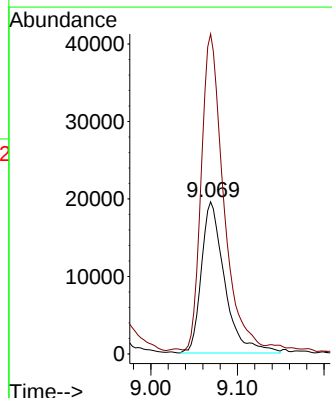
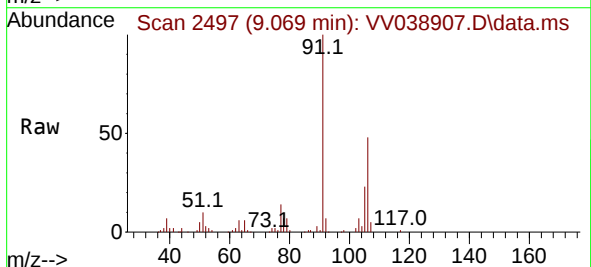
Acq: 16 Jul 2025 14:56

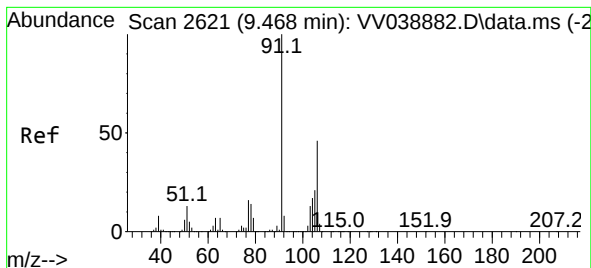
Tgt Ion: 106 Resp: 36508

Ion Ratio Lower Upper

106 100

91 198.1 161.0 241.6





#69

o-Xylene

Concen: 1.888 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

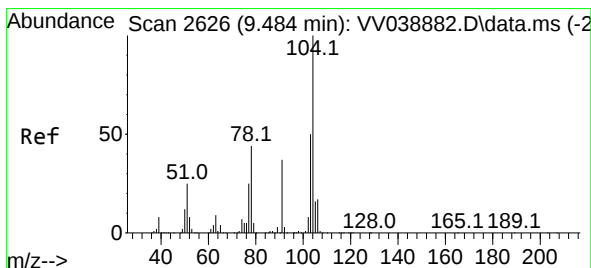
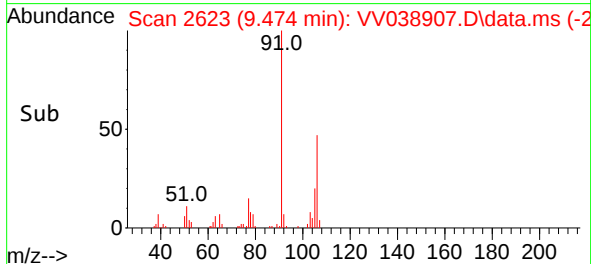
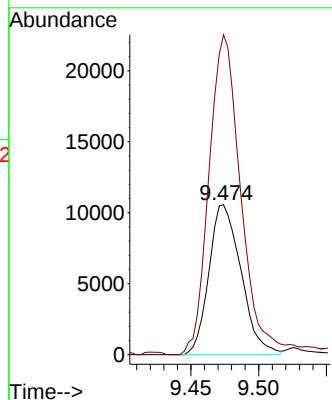
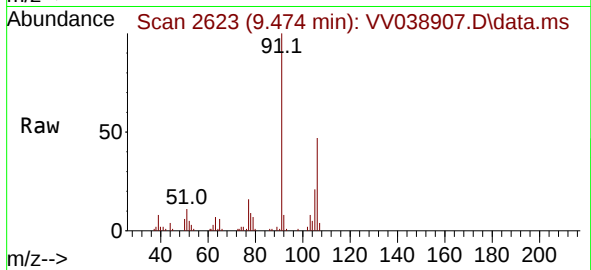
MDL03

Tgt Ion:106 Resp: 17418

Ion Ratio Lower Upper

106 100

91 215.1 108.9 326.6



#70

Styrene

Concen: 1.645 ug/l

RT: 9.497 min Scan# 2630

Delta R.T. 0.013 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

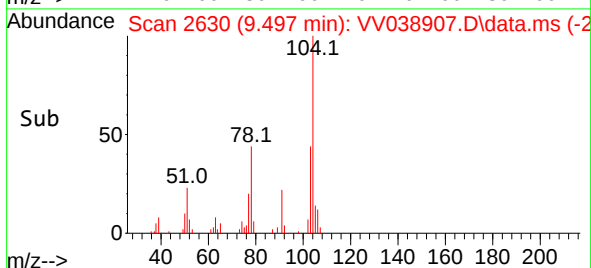
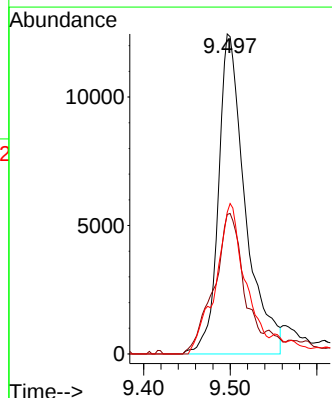
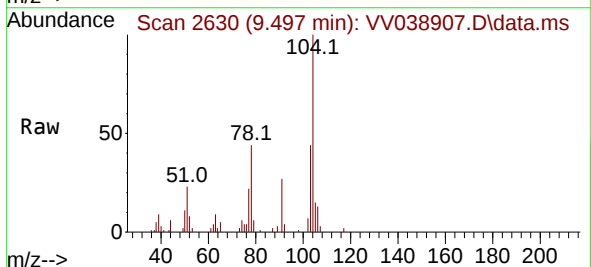
Tgt Ion:104 Resp: 26821

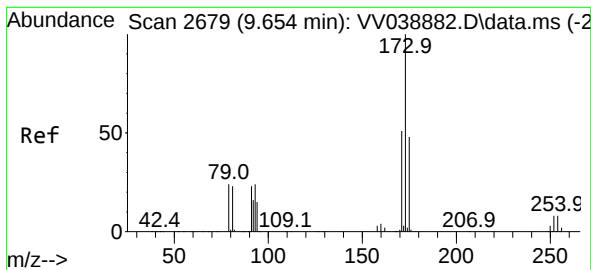
Ion Ratio Lower Upper

104 100

78 49.1 39.9 59.9

103 51.8 43.4 65.2





#71

Bromoform

Concen: 2.136 ug/l

RT: 9.661 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

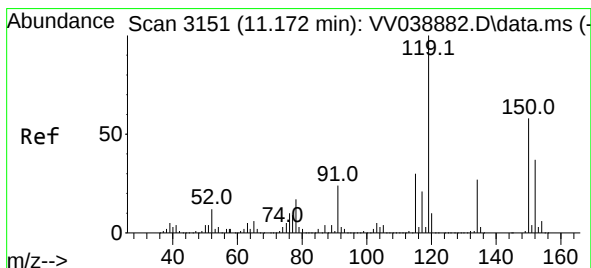
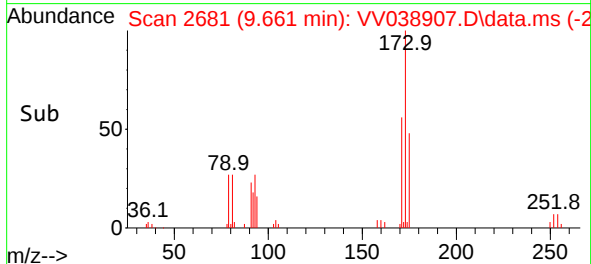
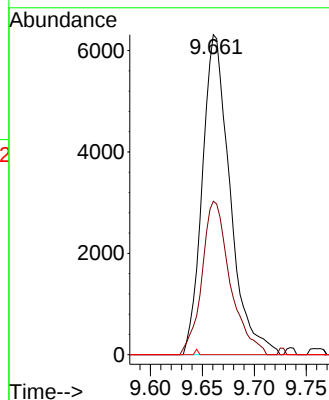
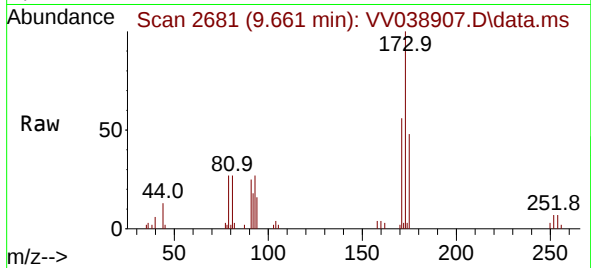
Tgt Ion:173 Resp: 11709

Ion Ratio Lower Upper

173 100

175 48.6 23.5 70.6

254 0.2 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: VV038907.D

Acq: 16 Jul 2025 14:56

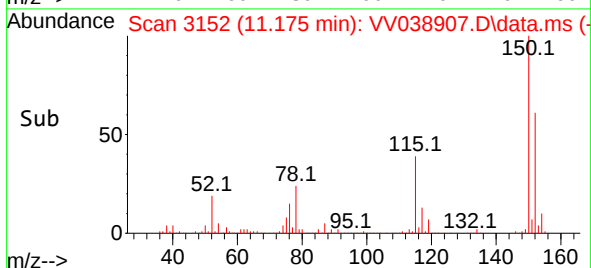
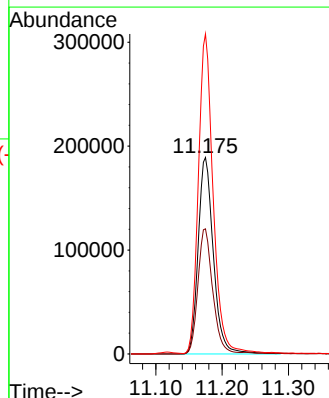
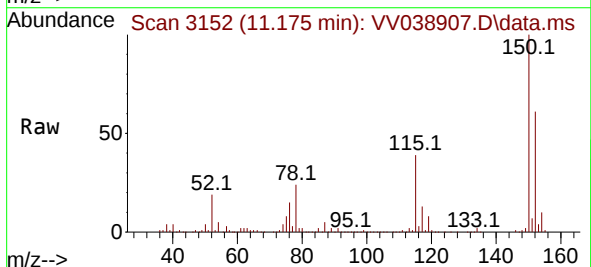
Tgt Ion:152 Resp: 301853

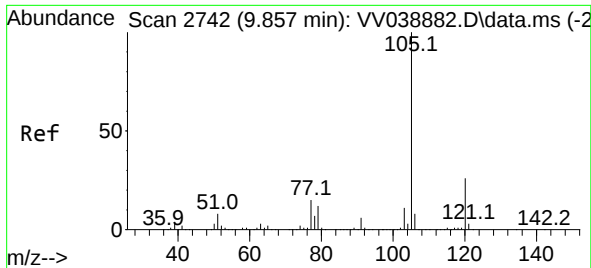
Ion Ratio Lower Upper

152 100

115 61.7 41.8 125.4

150 157.0 0.0 342.4

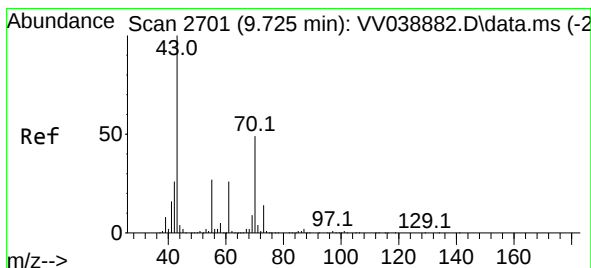
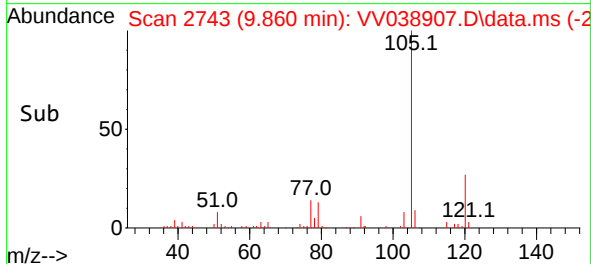
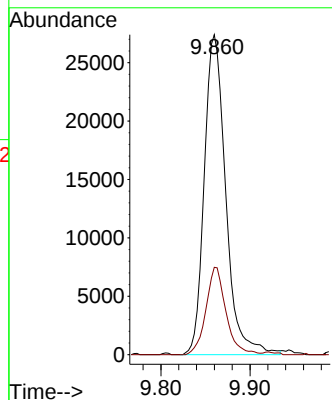
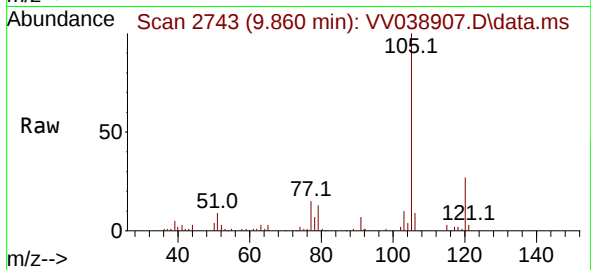




#73
Isopropylbenzene
Concen: 2.545 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

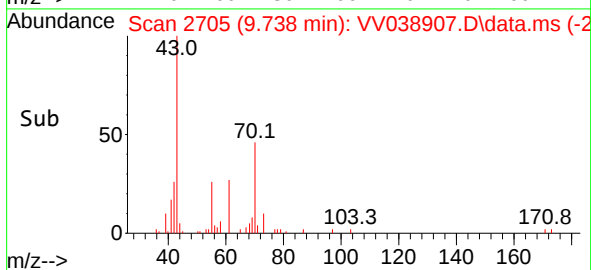
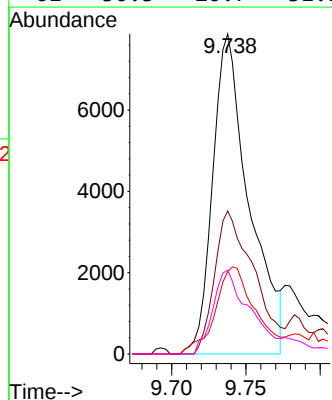
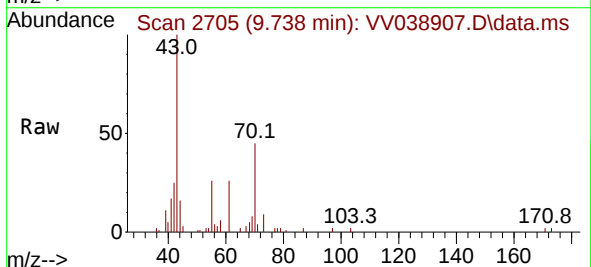
Instrument :
MSVOA_V
ClientSampleId :
MDL03

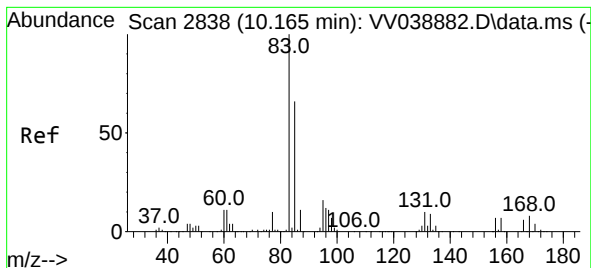
Tgt Ion:105 Resp: 45899
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.7



#74
N-ethyl acetate
Concen: 2.031 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 43 Resp: 13418
Ion Ratio Lower Upper
43 100
70 48.8 38.6 58.0
55 29.6 21.8 32.8
61 30.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 3.203 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

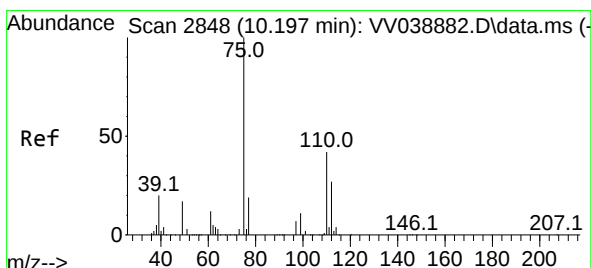
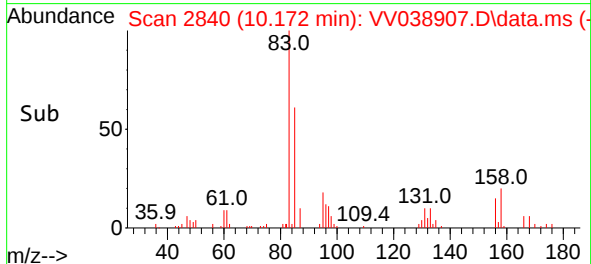
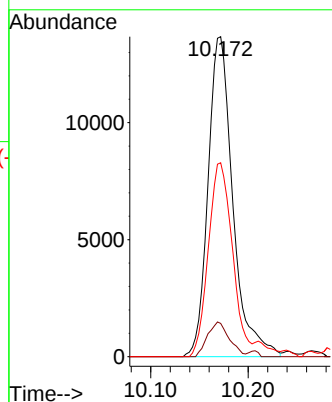
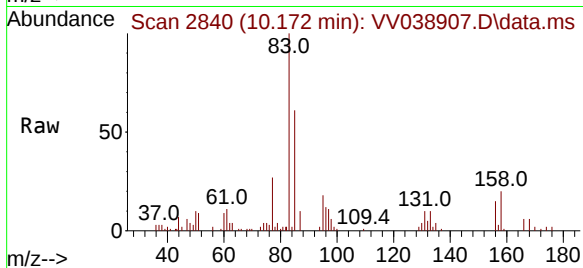
Tgt Ion: 83 Resp: 24194

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.4

85 58.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 3.287 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.006 min

Lab File: VV038907.D

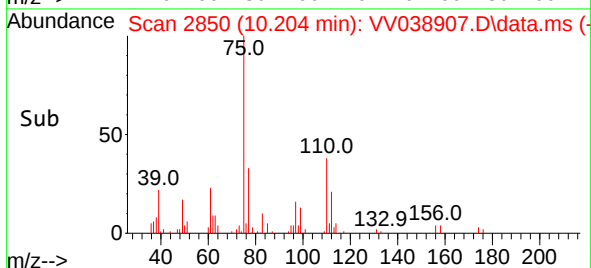
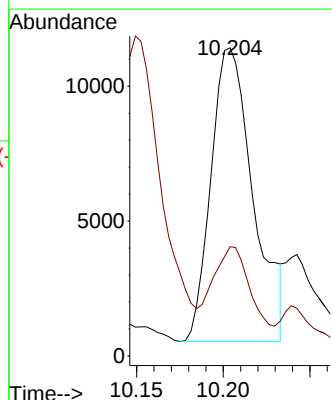
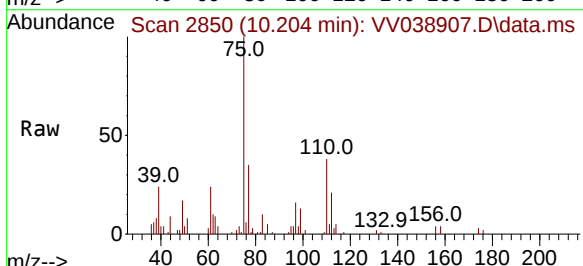
Acq: 16 Jul 2025 14:56

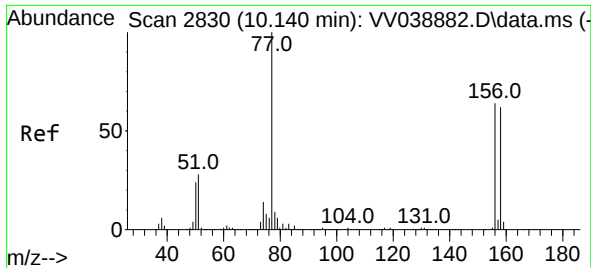
Tgt Ion: 75 Resp: 18447

Ion Ratio Lower Upper

75 100

77 34.4 17.4 52.3

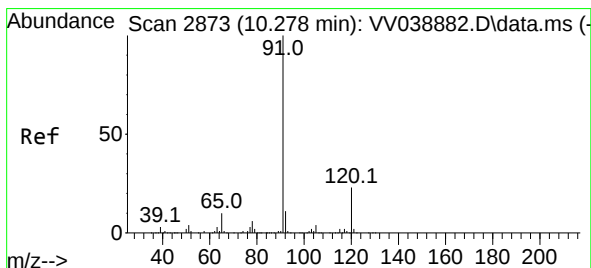
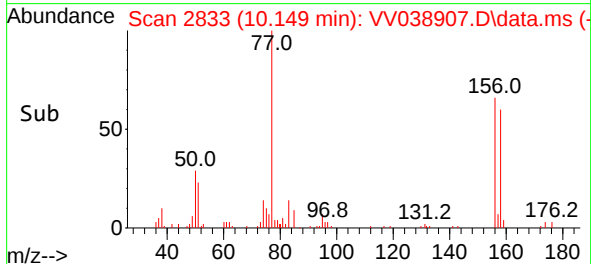
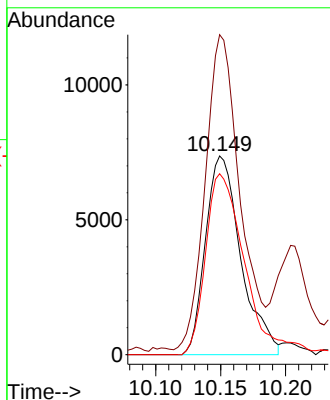
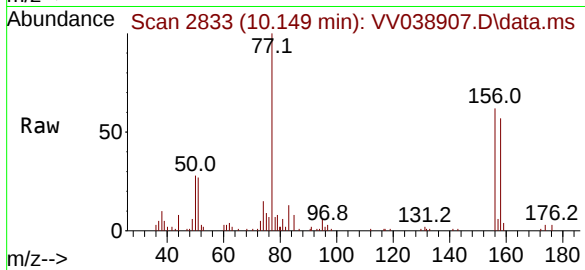




#77
Bromobenzene
Concen: 2.950 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

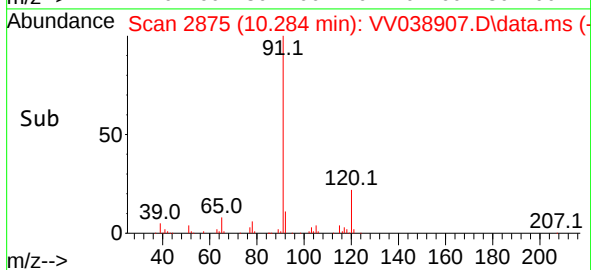
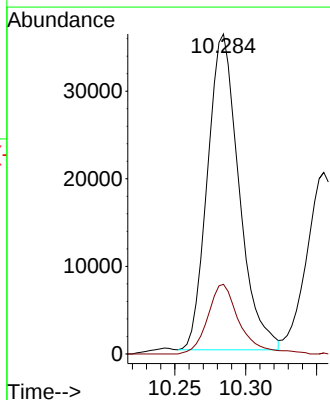
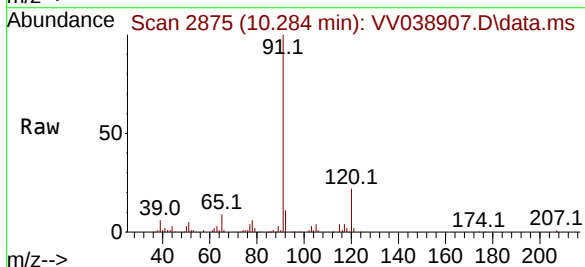
Instrument :
MSVOA_V
ClientSampleId :
MDL03

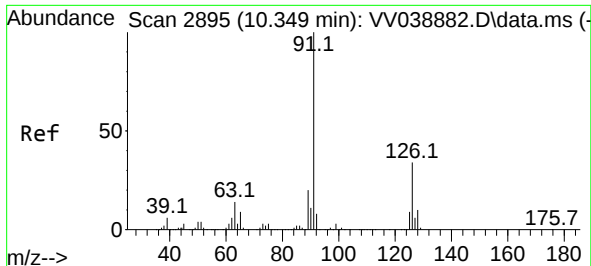
Tgt Ion:156 Resp: 13959
Ion Ratio Lower Upper
156 100
77 154.3 77.2 231.6
158 100.6 48.4 145.3



#78
n-propylbenzene
Concen: 2.646 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 91 Resp: 55775
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.655 ug/l

RT: 10.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

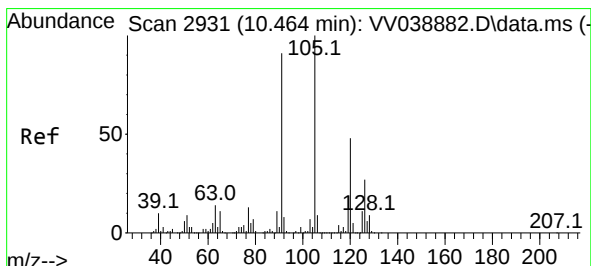
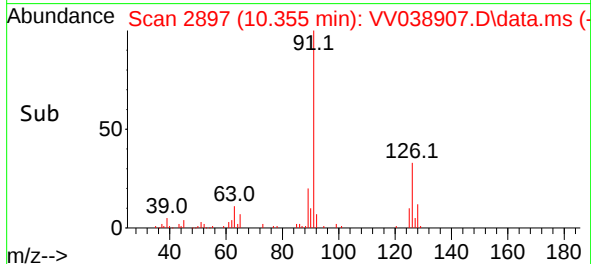
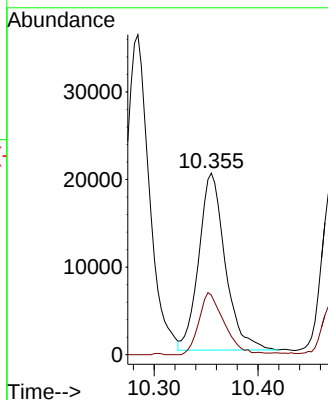
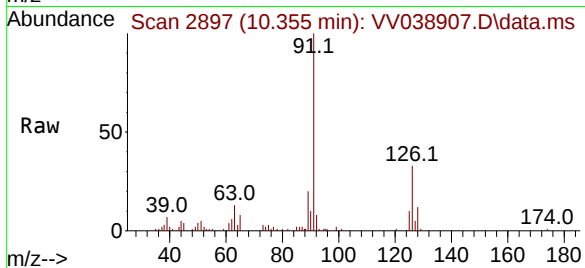
MDL03

Tgt Ion: 91 Resp: 35597

Ion Ratio Lower Upper

91 100

126 33.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 2.501 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038907.D

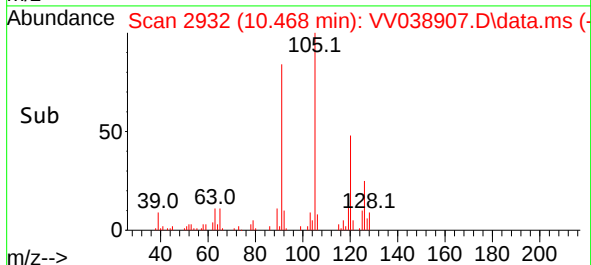
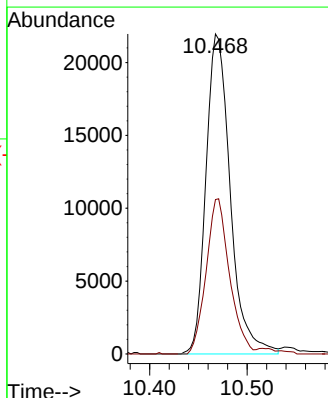
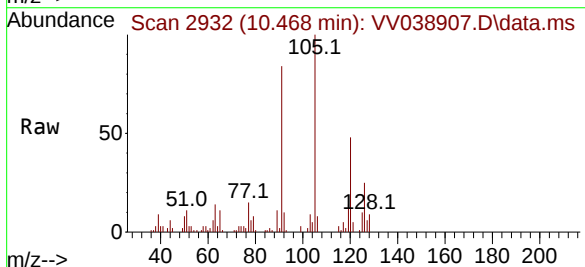
Acq: 16 Jul 2025 14:56

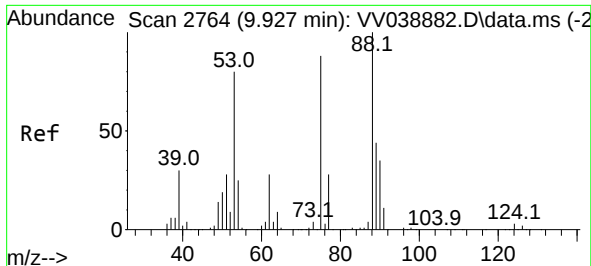
Tgt Ion: 105 Resp: 38036

Ion Ratio Lower Upper

105 100

120 46.8 24.0 72.0

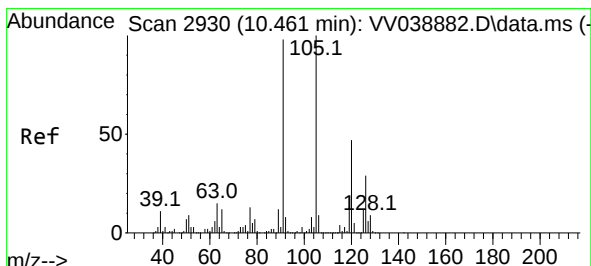
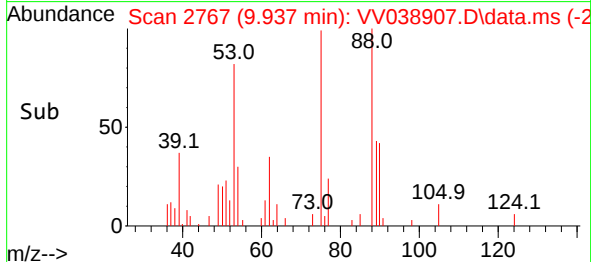
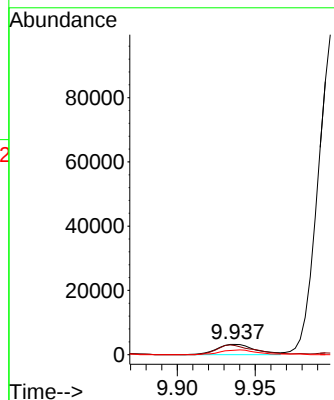
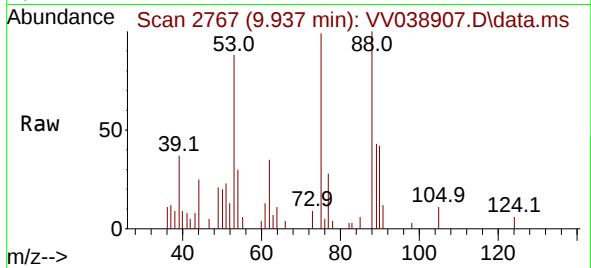




#81
trans-1,4-Dichloro-2-butene
Concen: 2.419 ug/l
RT: 9.937 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

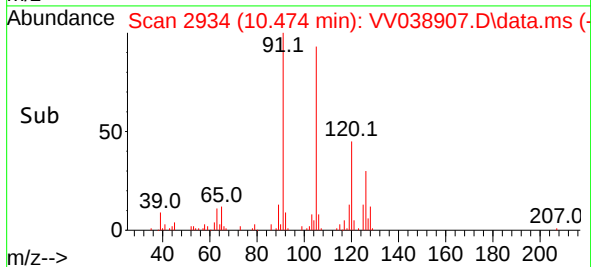
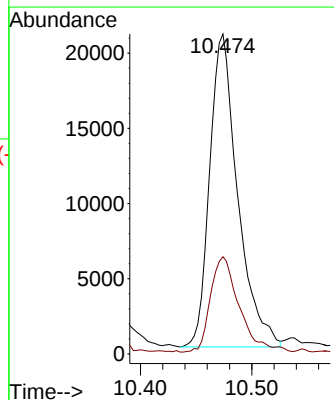
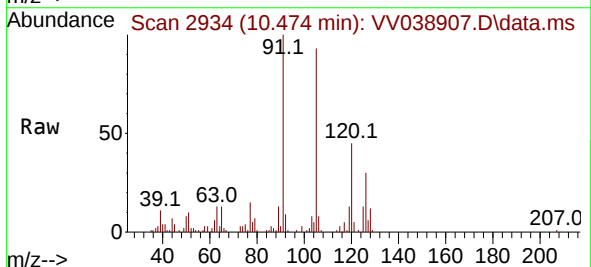
Instrument :
MSVOA_V
ClientSampleId :
MDL03

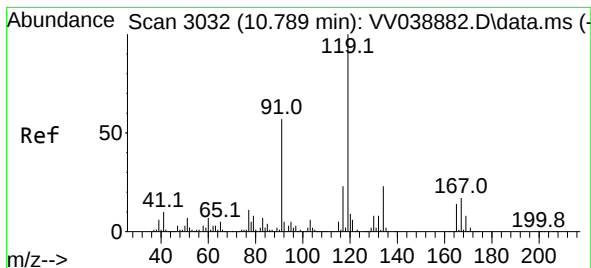
Tgt Ion: 75 Resp: 5564
Ion Ratio Lower Upper
75 100
53 89.8 71.3 106.9
89 42.8 42.2 63.2



#82
4-Chlorotoluene
Concen: 2.430 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion: 91 Resp: 36409
Ion Ratio Lower Upper
91 100
126 31.2 14.9 44.9





#83

tert-Butylbenzene

Concen: 2.621 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

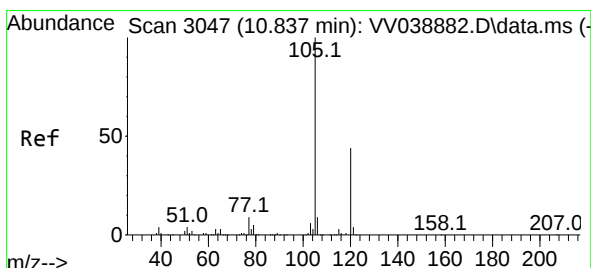
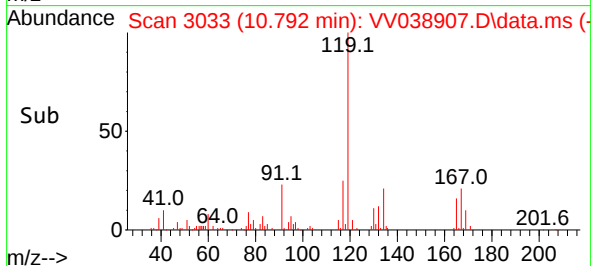
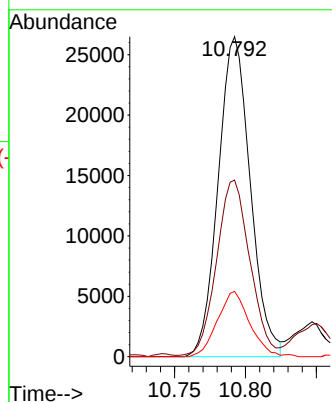
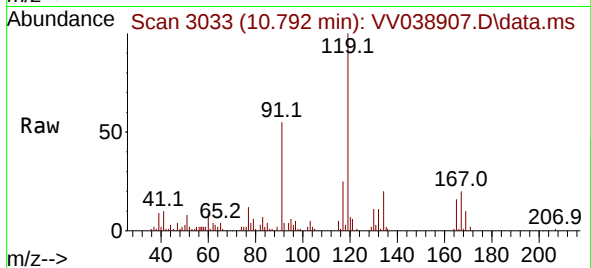
Tgt Ion:119 Resp: 41792

Ion Ratio Lower Upper

119 100

91 56.4 28.1 84.2

134 20.6 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 2.373 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038907.D

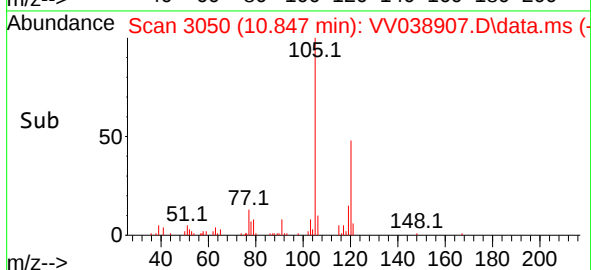
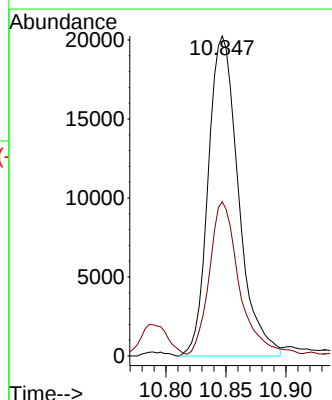
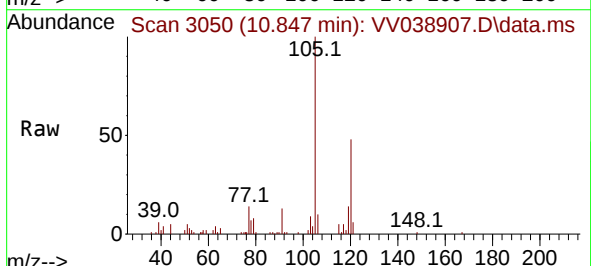
Acq: 16 Jul 2025 14:56

Tgt Ion:105 Resp: 35521

Ion Ratio Lower Upper

105 100

120 46.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 2.381 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

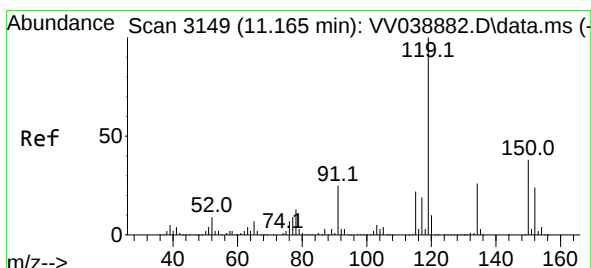
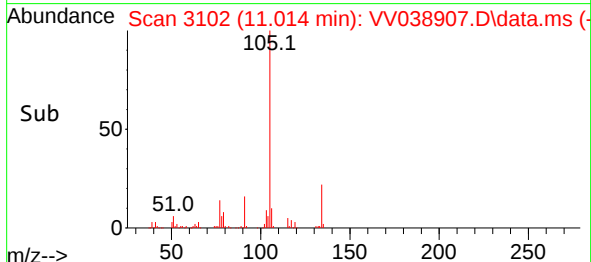
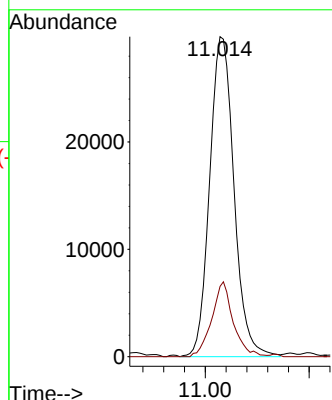
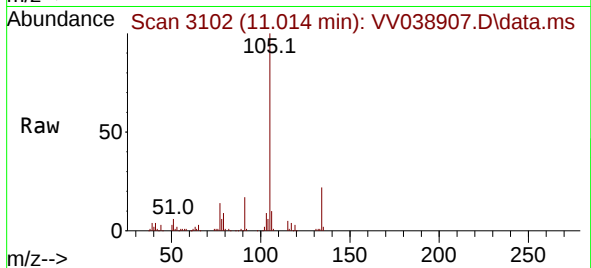
MDL03

Tgt Ion:105 Resp: 48458

Ion Ratio Lower Upper

105 100

134 20.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 2.351 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

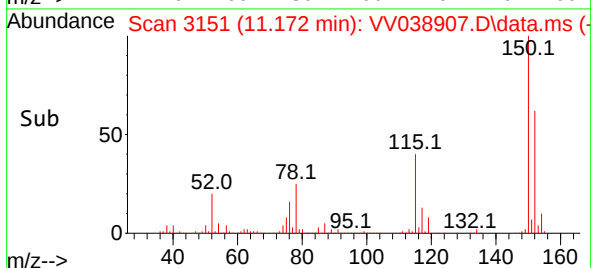
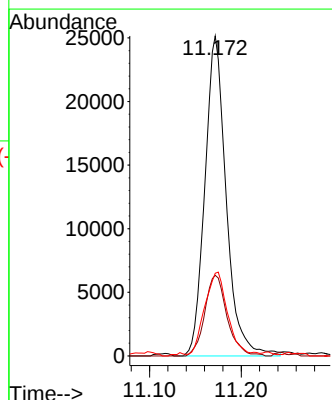
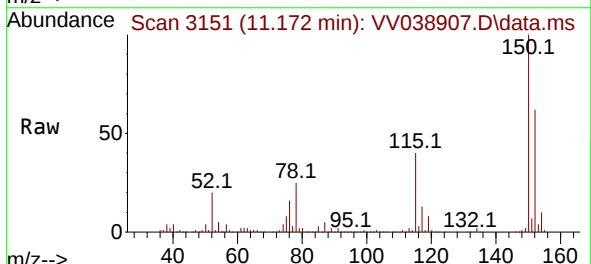
Tgt Ion:119 Resp: 40628

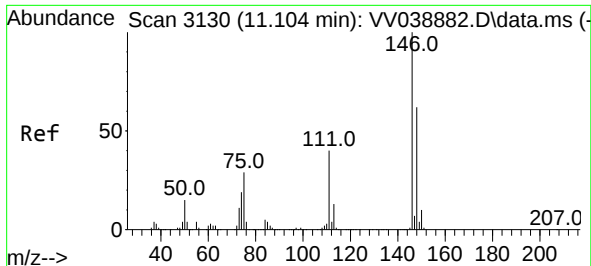
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 26.8 12.3 36.8

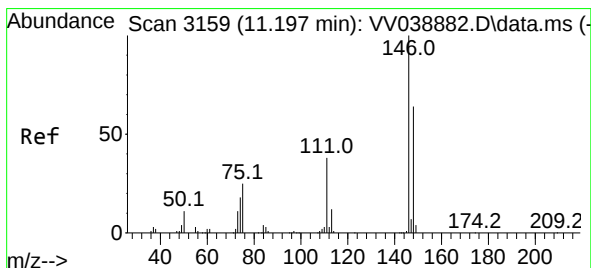
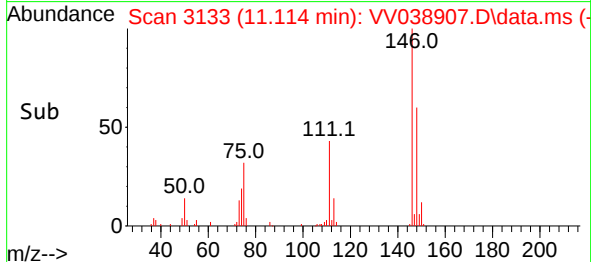
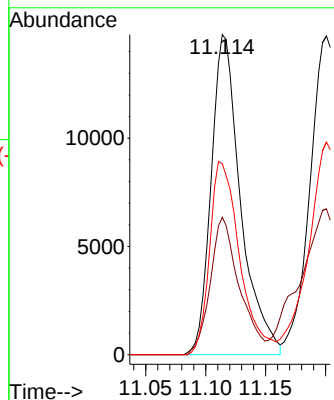
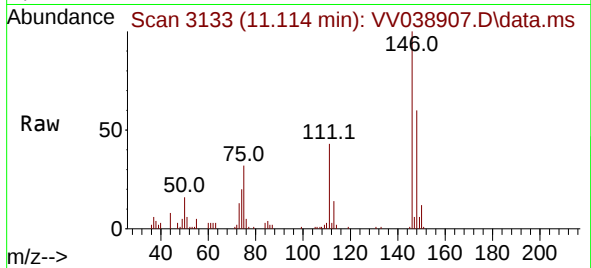




#87
1,3-Dichlorobenzene
Concen: 2.612 ug/l
RT: 11.114 min Scan# 3114
Delta R.T. 0.010 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

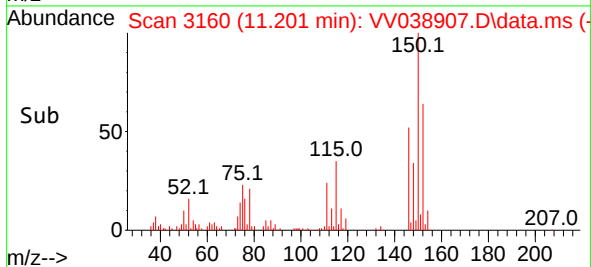
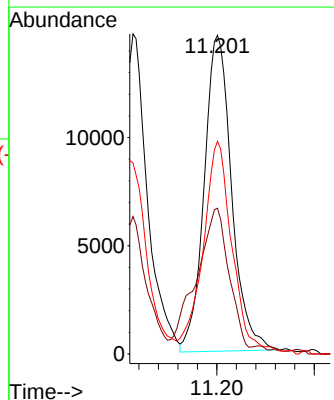
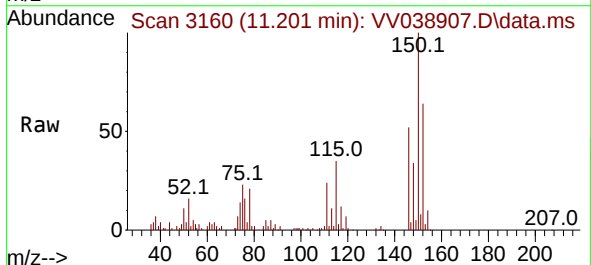
Instrument :
MSVOA_V
ClientSampleId :
MDL03

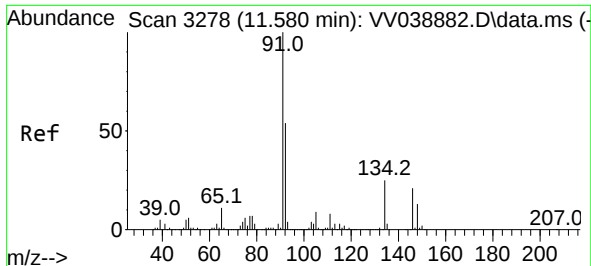
Tgt Ion:146 Resp: 25224
Ion Ratio Lower Upper
146 100
111 42.4 20.2 60.5
148 61.9 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 2.723 ug/l
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:146 Resp: 28604
Ion Ratio Lower Upper
146 100
111 52.4 19.8 59.3
148 69.4 32.1 96.5





#89

n-Butylbenzene

Concen: 2.241 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

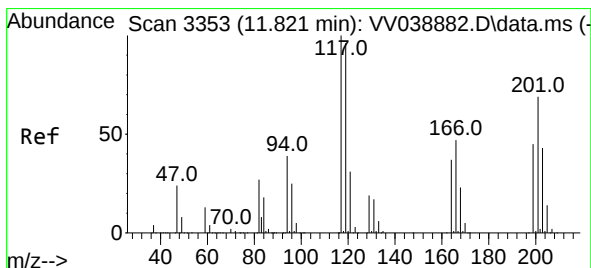
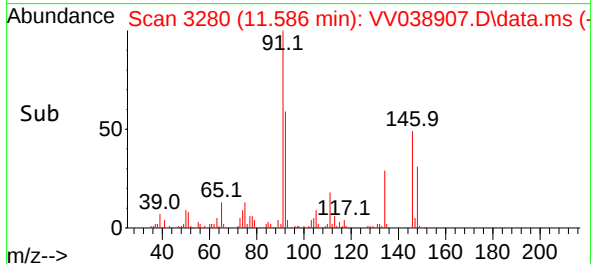
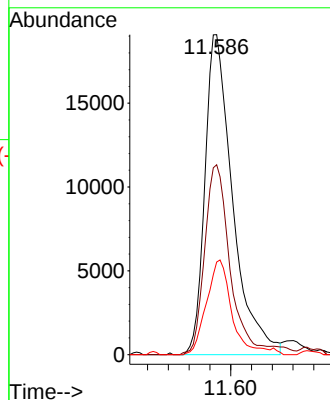
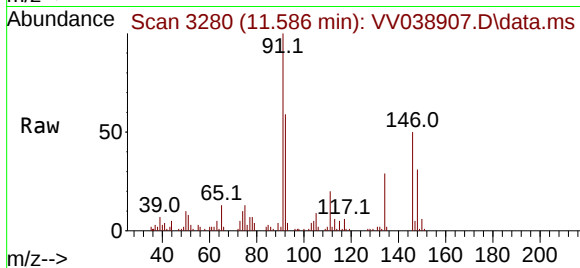
Tgt Ion: 91 Resp: 35352

Ion Ratio Lower Upper

91 100

92 55.7 26.7 80.1

134 27.4 12.7 38.1



#90

Hexachloroethane

Concen: 2.665 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038907.D

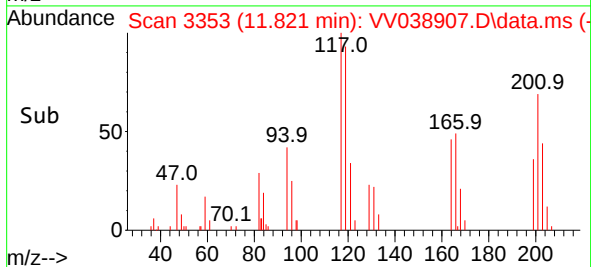
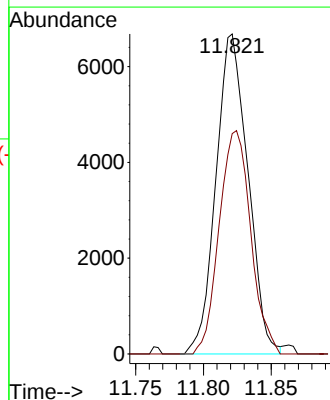
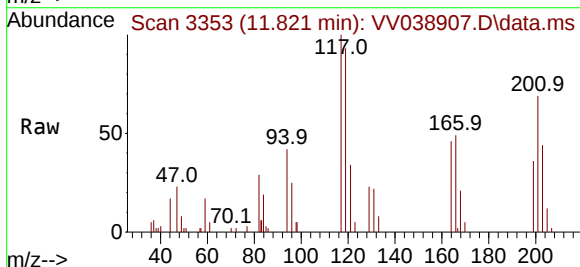
Acq: 16 Jul 2025 14:56

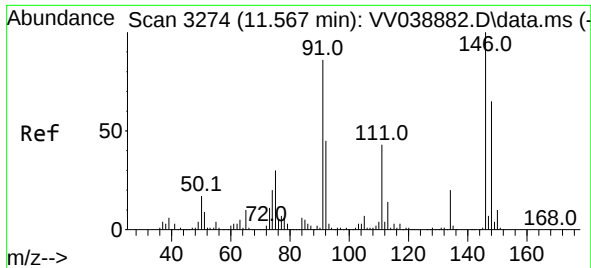
Tgt Ion: 117 Resp: 10951

Ion Ratio Lower Upper

117 100

201 69.0 34.0 102.0

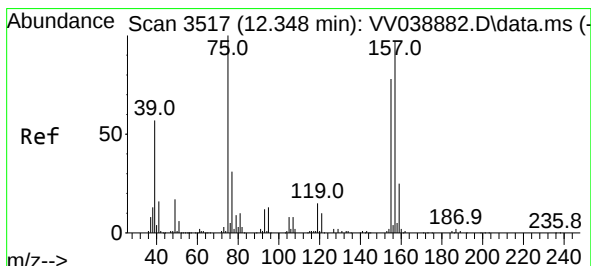
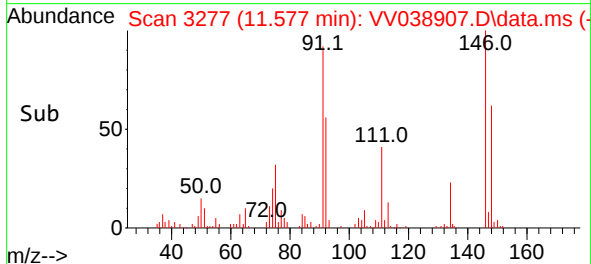
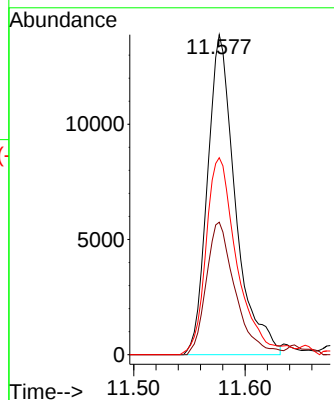
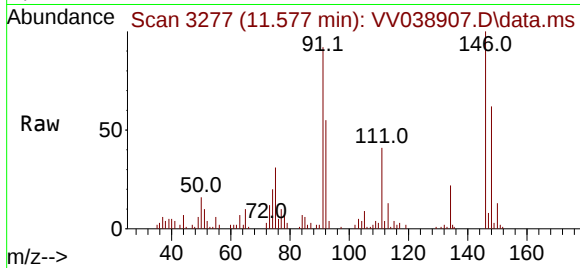




#91
 1,2-Dichlorobenzene
 Concen: 2.582 ug/l
 RT: 11.577 min Scan# 311
 Delta R.T. 0.010 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

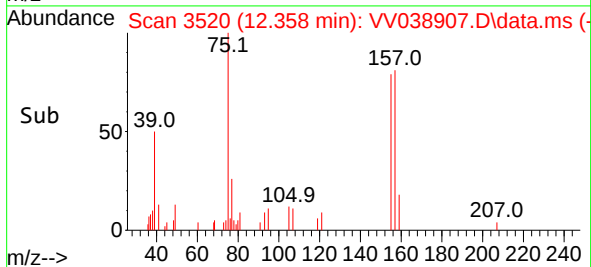
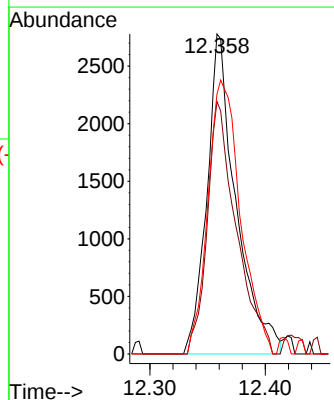
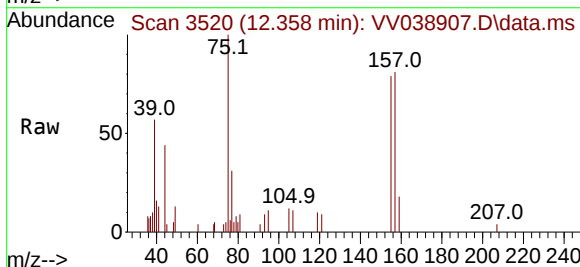
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

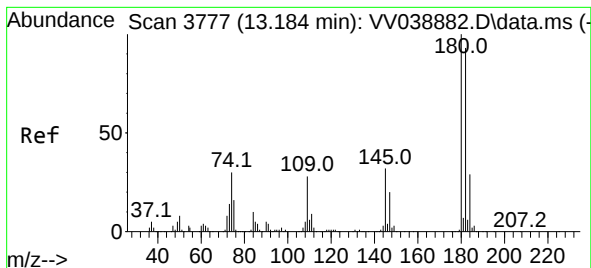
Tgt Ion:146 Resp: 24204
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.4 64.3
 148 67.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.854 ug/l
 RT: 12.358 min Scan# 3520
 Delta R.T. 0.010 min
 Lab File: VV038907.D
 Acq: 16 Jul 2025 14:56

Tgt Ion: 75 Resp: 4875
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.2 120.6
 157 95.8 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 2.269 ug/l

RT: 13.194 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

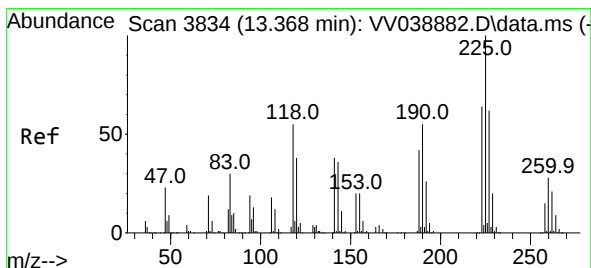
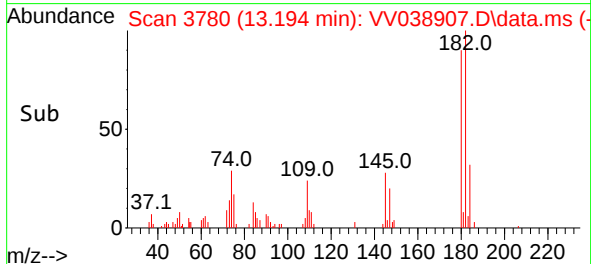
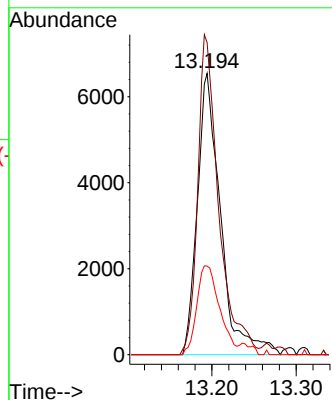
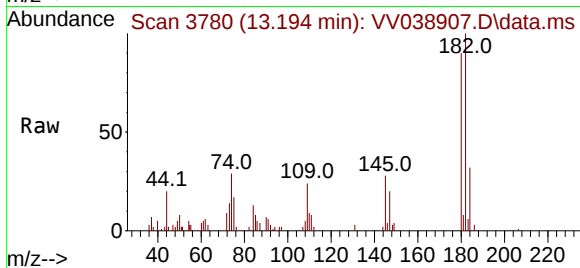
Tgt Ion:180 Resp: 12554

Ion Ratio Lower Upper

180 100

182 102.7 47.4 142.3

145 30.9 16.2 48.6



#94

Hexachlorobutadiene

Concen: 2.716 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038907.D

Acq: 16 Jul 2025 14:56

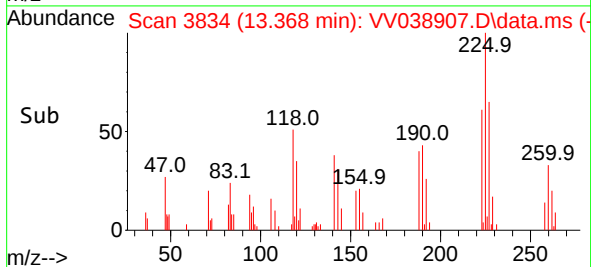
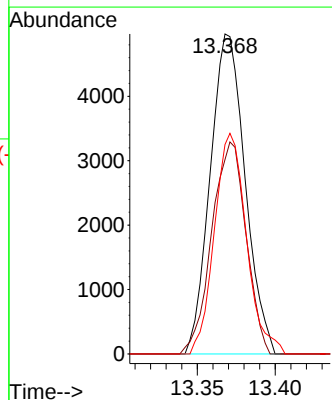
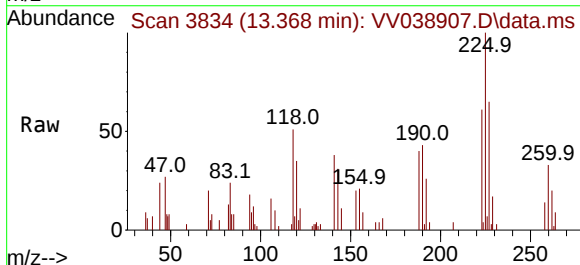
Tgt Ion:225 Resp: 7741

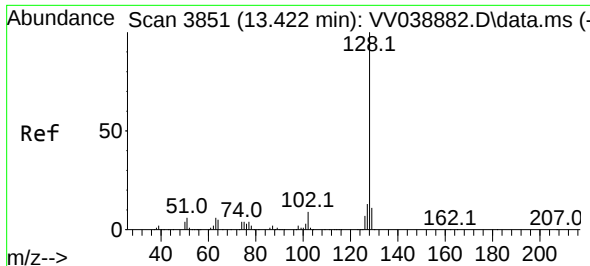
Ion Ratio Lower Upper

225 100

223 64.9 32.4 97.2

227 63.3 31.3 93.9

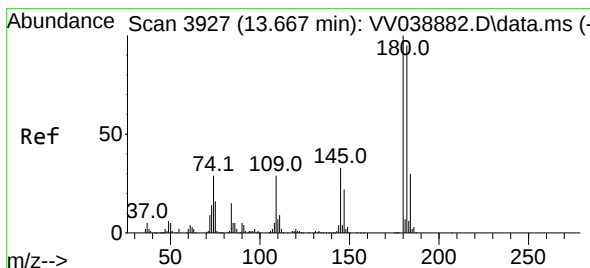
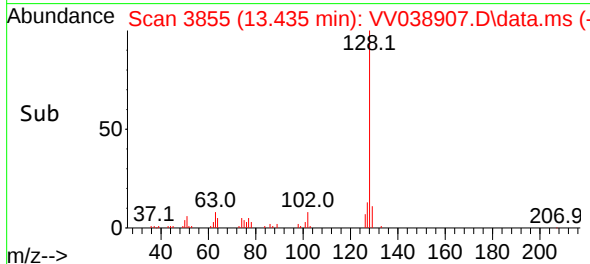
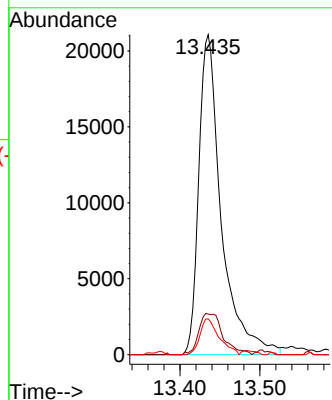
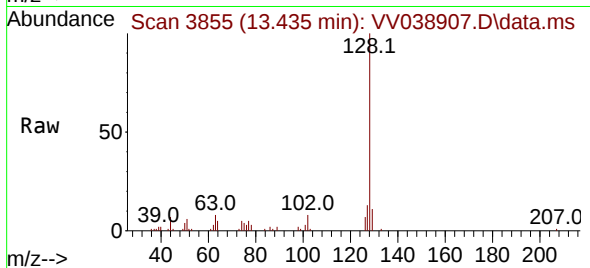




#95
Naphthalene
Concen: 2.273 ug/l
RT: 13.435 min Scan# 3855
Delta R.T. 0.013 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion:128 Resp: 41332
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 9.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.458 ug/l
RT: 13.673 min Scan# 3929
Delta R.T. 0.006 min
Lab File: VV038907.D
Acq: 16 Jul 2025 14:56

Tgt Ion:180 Resp: 14096
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.2
145 36.4 17.0 51.0

