

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039068.D
 Acq On : 15 Sep 2025 10:18
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 01:37:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	394206	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	403740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	206934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	157334	4.906	ug/L	0.00
7) Chloroethane-d5	1.545	69	139975	5.000	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	76274	5.124	ug/L	0.00
20) 2-Butanone-d5	3.805	46	229815	53.436	ug/L	0.00
24) Chloroform-d	4.252	84	317897	5.232	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	135137	5.400	ug/L	0.00
32) Benzene-d6	4.960	84	590968	5.216	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	171950	5.264	ug/L	0.00
41) Toluene-d8	7.236	98	555251	5.467	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	62234	5.129	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	194765	51.477	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	128592	5.213	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	166604	4.916	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	217649	4.938	ug/L	100
3) Chloromethane	1.227	50	204125	4.698	ug/L	100
5) Vinyl chloride	1.294	62	220109	4.782	ug/L	100
6) Bromomethane	1.500	94	122333	4.781	ug/L	100
8) Chloroethane	1.561	64	139172	4.834	ug/L	100
9) Trichlorofluoromethane	1.725	101	305054	4.853	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	188467	4.885	ug/L	100
12) 1,1-Dichloroethene	2.082	96	169889	4.842	ug/L	100
13) Acetone	2.137	43	176942	42.325	ug/L	100
14) Carbon disulfide	2.252	76	553599	4.823	ug/L	100
15) Methyl Acetate	2.394	43	47261	4.483	ug/L	100
16) Methylene chloride	2.458	84	174415	3.538	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	283547	4.695	ug/L	100
18) trans-1,2-Dichloroethene	2.706	96	170528	4.820	ug/L	100
19) 1,1-Dichloroethane	3.120	63	316665	4.911	ug/L	100
21) 2-Butanone	3.889	43	234689	49.639	ug/L	100
22) cis-1,2-Dichloroethene	3.821	96	164910	4.844	ug/L	100
23) Bromochloromethane	4.156	128	75462	4.958	ug/L	100
25) Chloroform	4.278	83	328861	4.865	ug/L	100
27) 1,2-Dichloroethane	5.043	62	172228	5.040	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	294568	4.703	ug/L	100
30) Cyclohexane	4.587	56	253739	4.721	ug/L	100
31) Carbon tetrachloride	4.735	117	261523	4.825	ug/L	100
33) Benzene	5.011	78	695774	5.027	ug/L	100
34) Trichloroethene	5.831	95	176155	4.731	ug/L	100
35) Methylcyclohexane	6.046	83	271437	4.749	ug/L	100
37) 1,2-Dichloropropane	6.088	63	170506	4.999	ug/L	100
38) Bromodichloromethane	6.429	83	220560	4.749	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	218335	4.730	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	681036	50.189	ug/L	100
42) Toluene	7.310	91	738288	5.097	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	187160	4.806	ug/L	100

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

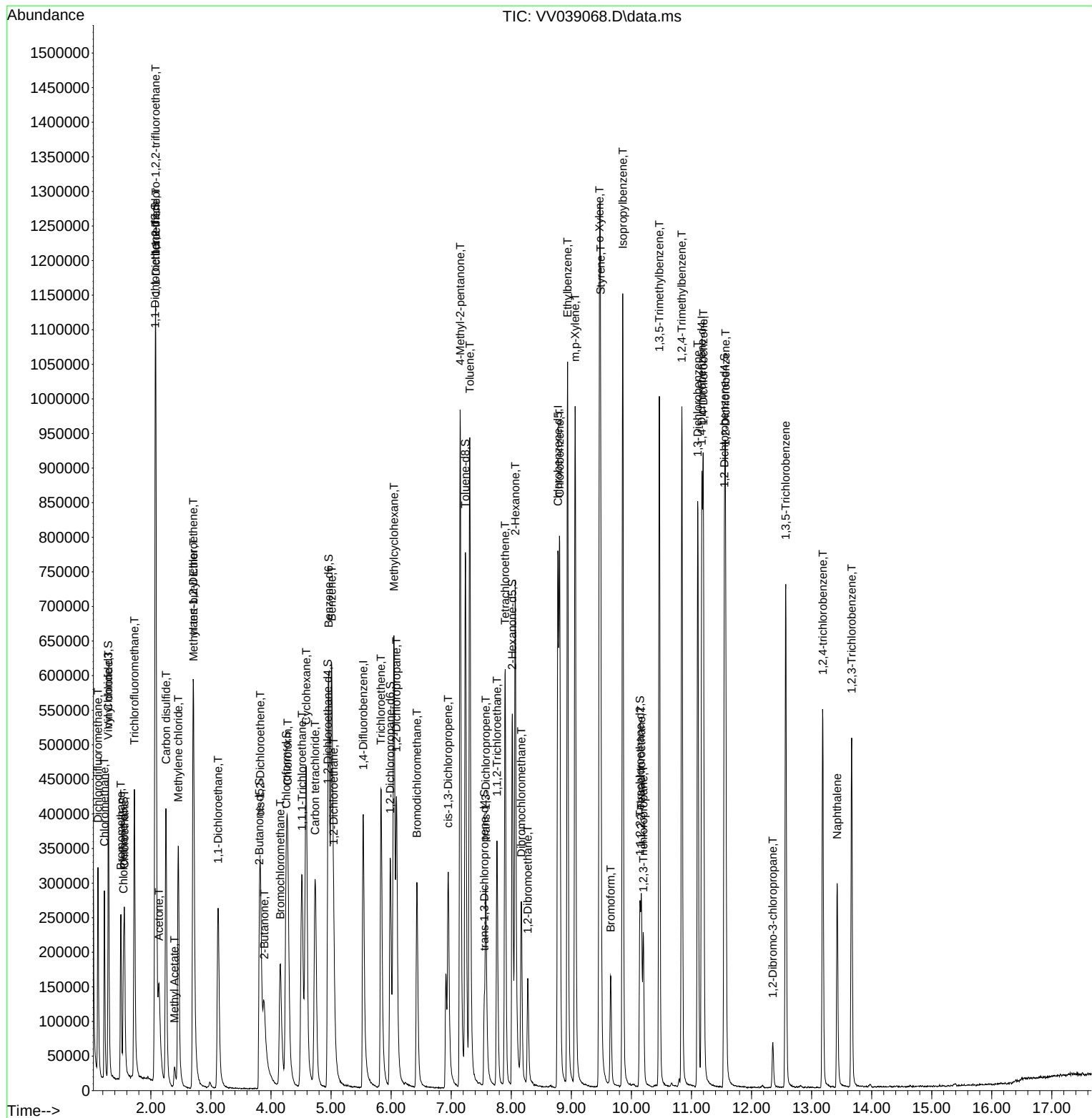
45) 1,1,2-Trichloroethane	7.763	97	117436	4.803	ug/L	100
47) Tetrachloroethene	7.898	164	139177	4.841	ug/L	100
48) 2-Hexanone	8.066	43	474246	52.988	ug/L	100
49) Dibromochloromethane	8.169	129	141428	4.826	ug/L	100
50) 1,2-Dibromoethane	8.275	107	106243	4.776	ug/L	100
51) Chlorobenzene	8.805	112	442581	4.685	ug/L	100
52) Ethylbenzene	8.937	91	721023	4.799	ug/L	100
53) m,p-Xylene	9.062	106	285493	4.900	ug/L	100
54) o-Xylene	9.467	106	257923	4.891	ug/L	100
55) Styrene	9.487	104	486783	5.303	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	132817	4.708	ug/L	100
59) Bromoform	9.657	173	73505	4.660	ug/L	100
60) Isopropylbenzene	9.857	105	718573	4.683	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	87875	4.362	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	522850	4.479	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	527943	4.661	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	349905	4.768	ug/L	100
65) 1,4-Dichlorobenzene	11.197	146	354612	4.690	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	303622	4.645	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	19171	4.491	ug/L	100
69) 1,3,5-Trichlorobenzene	12.570	180	216955	4.647	ug/L	100
70) 1,2,4-trichlorobenzene	13.188	180	165813	4.618	ug/L	100
71) Naphthalene	13.426	128	238100	4.282	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	146981	4.580	ug/L	100

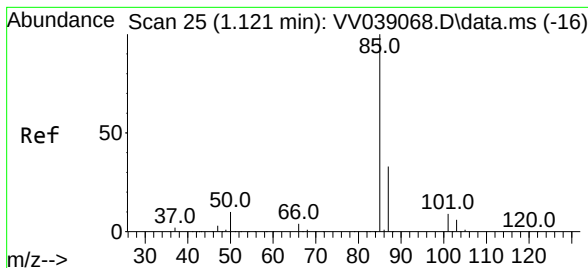
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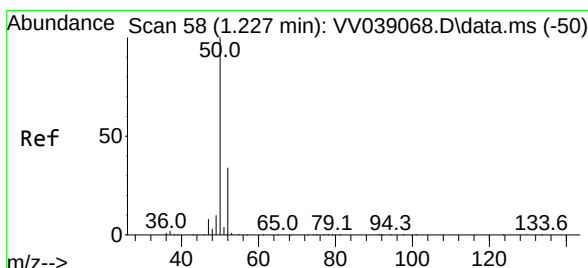
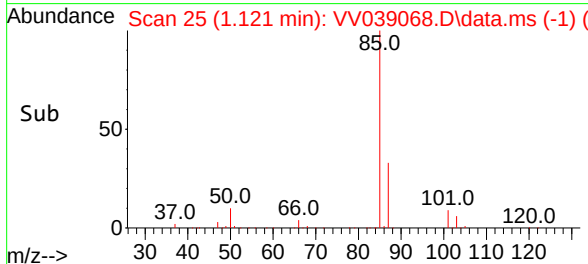
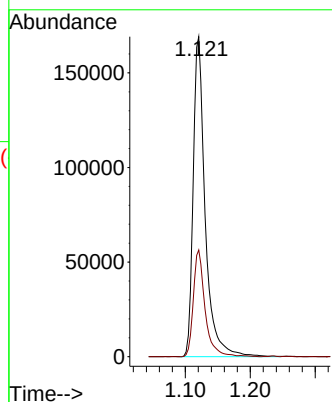
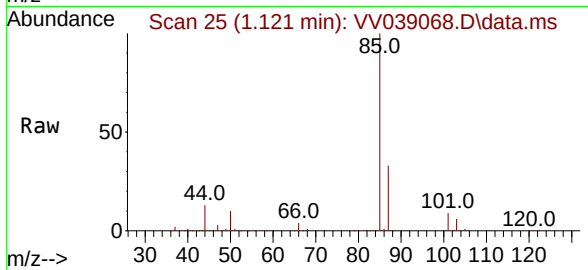




#2
 Dichlorodifluoromethane
 Concen: 4.938 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

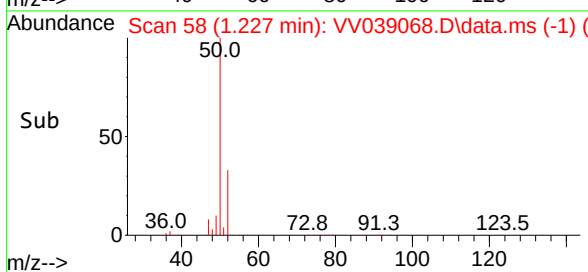
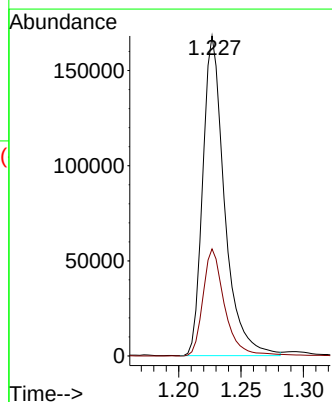
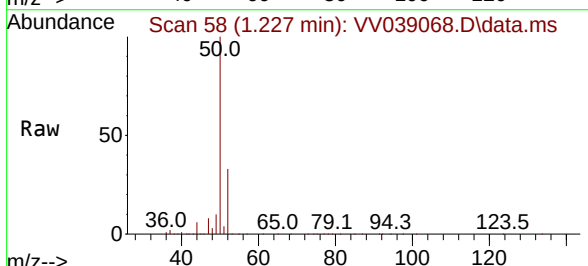
Instrument :
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 ClientSampleId :

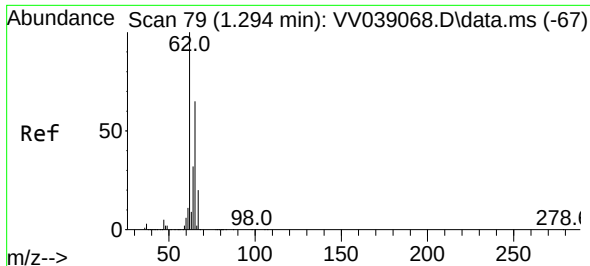
Tgt Ion: 85 Resp: 217649
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 4.698 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

Tgt Ion: 50 Resp: 204125
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.6

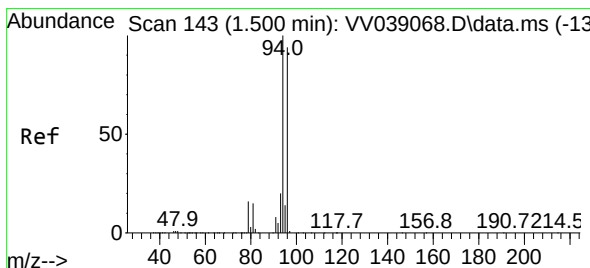
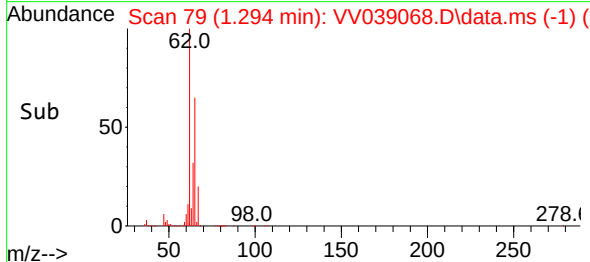
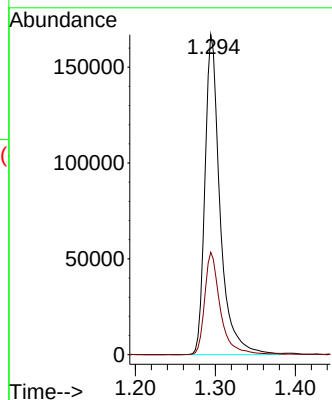
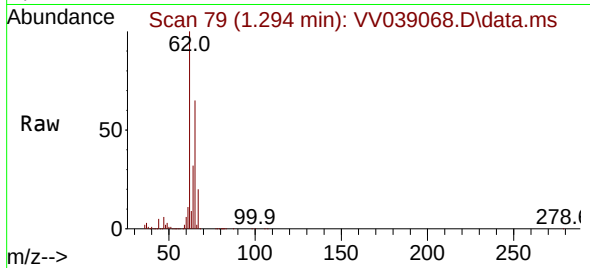




#5
 Vinyl chloride
 Concen: 4.782 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

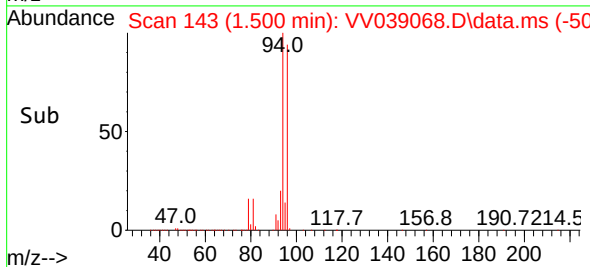
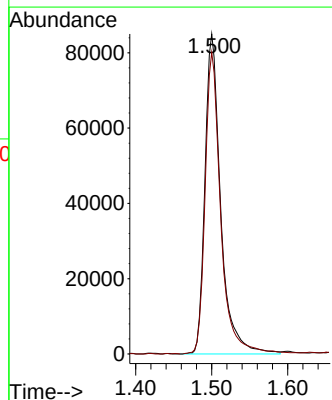
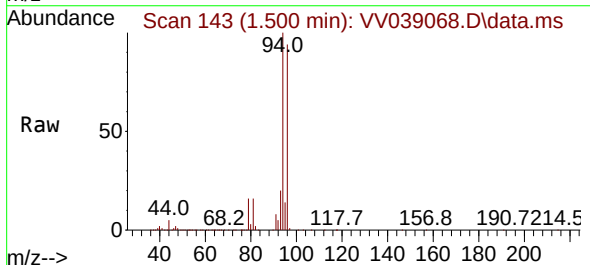
Instrument :
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 ClientSampleId :

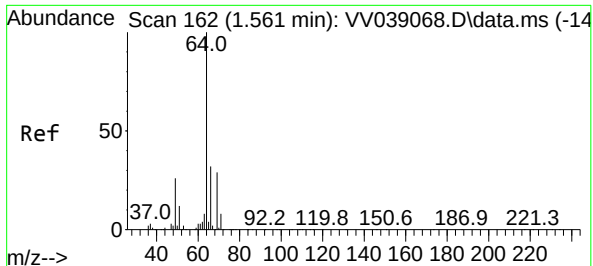
Tgt Ion: 62 Resp: 220109
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.781 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

Tgt Ion: 94 Resp: 122333
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.9 122.5

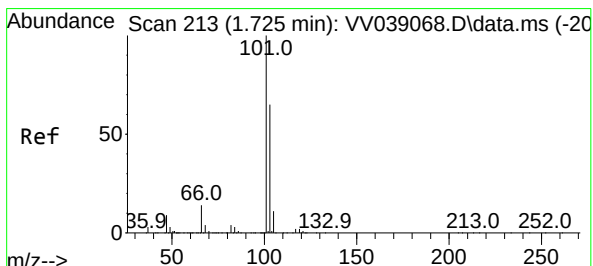
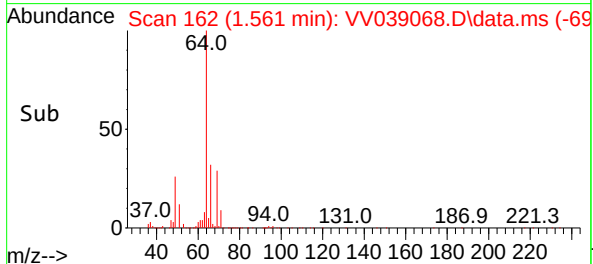
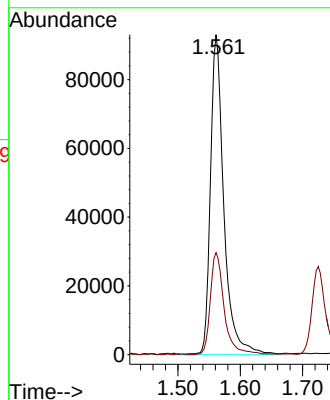
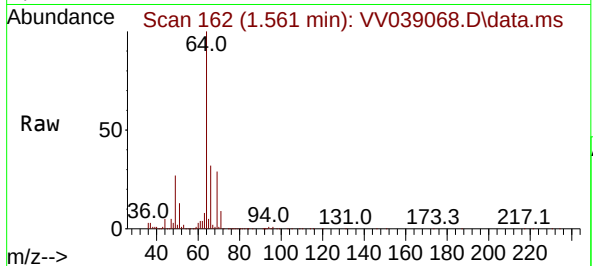




#8
Chloroethane
Concen: 4.834 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

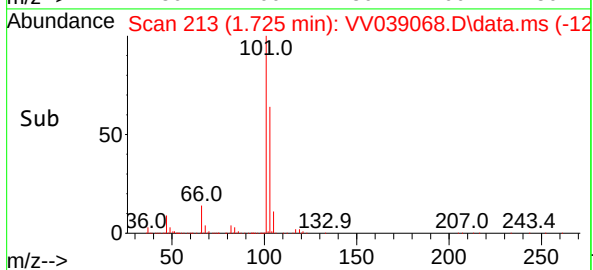
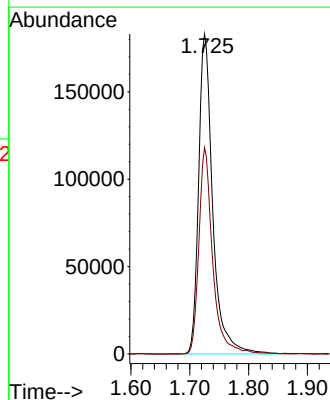
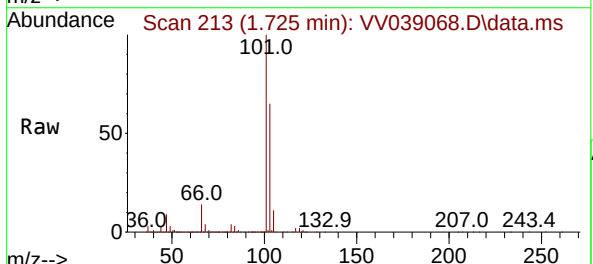
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MSVOA_V
ClientSampleId :

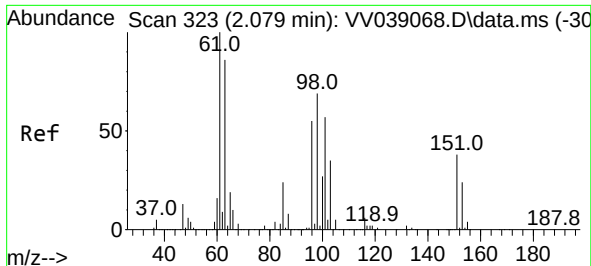
Tgt Ion: 64 Resp: 139172
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.853 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 101 Resp: 305054
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.885 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

ClientSampleId :

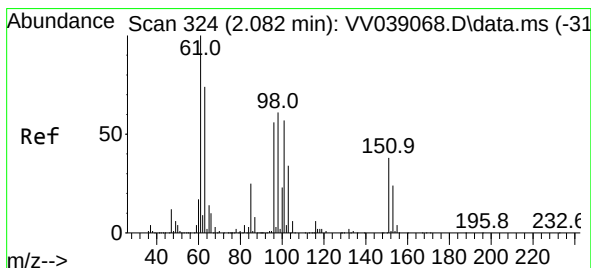
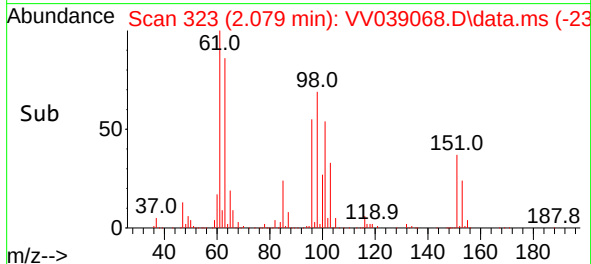
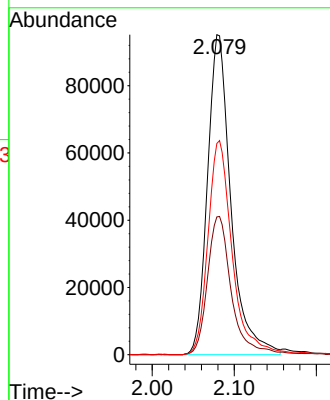
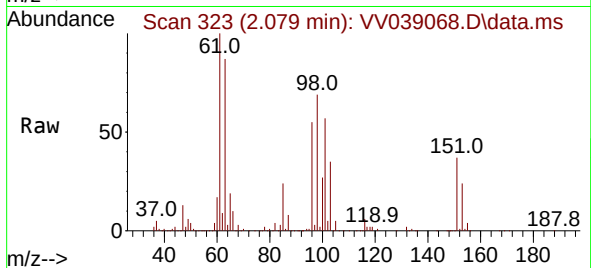
Tgt Ion:101 Resp: 188467

Ion Ratio Lower Upper

101 100

85 44.2 35.4 53.0

151 69.2 55.4 83.0



#12

1,1-Dichloroethene

Concen: 4.842 ug/L

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

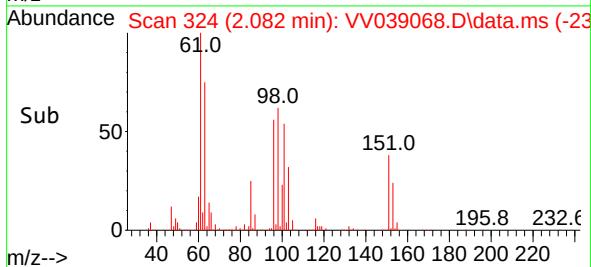
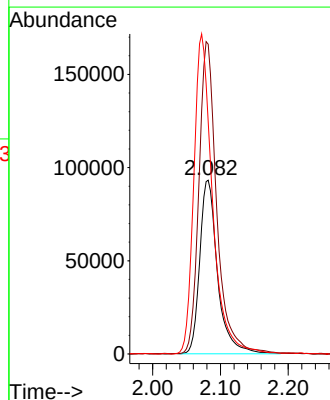
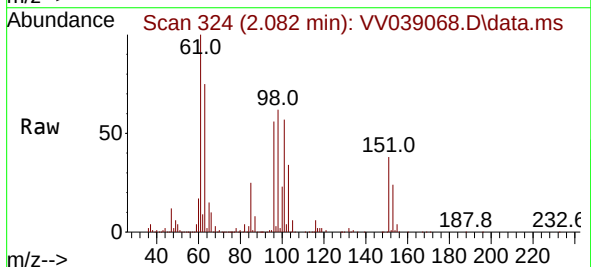
Tgt Ion: 96 Resp: 169889

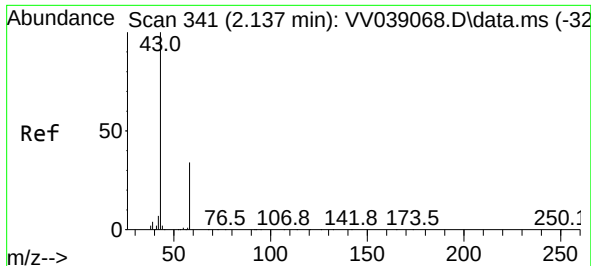
Ion Ratio Lower Upper

96 100

61 178.2 124.7 231.7

63 133.6 93.5 173.7





#13

Acetone

Concen: 42.325 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.000 min

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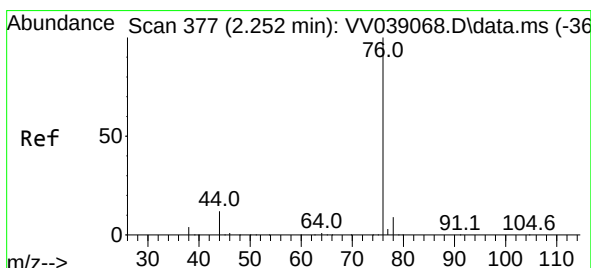
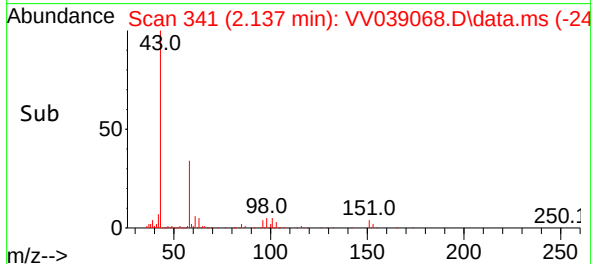
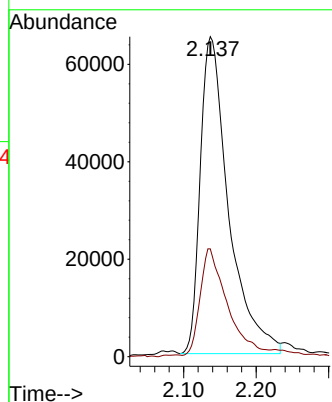
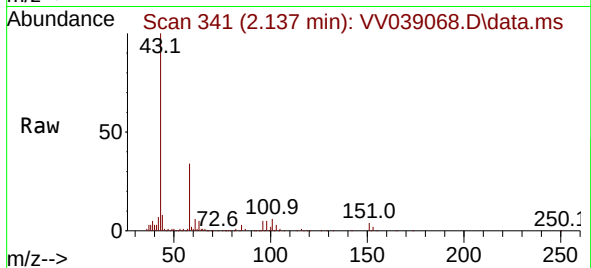
ClientSampleId :

Tgt Ion: 43 Resp: 176942

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.0



#14

Carbon disulfide

Concen: 4.823 ug/L

RT: 2.252 min Scan# 377

Delta R.T. 0.000 min

Lab File: VV039068.D

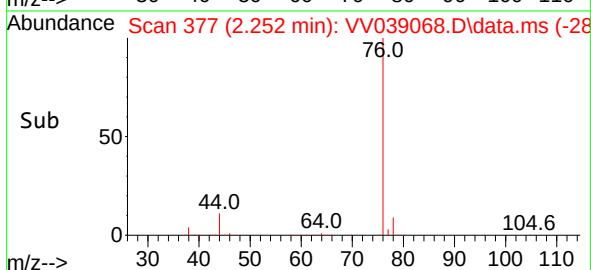
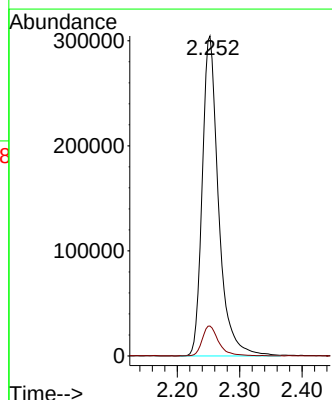
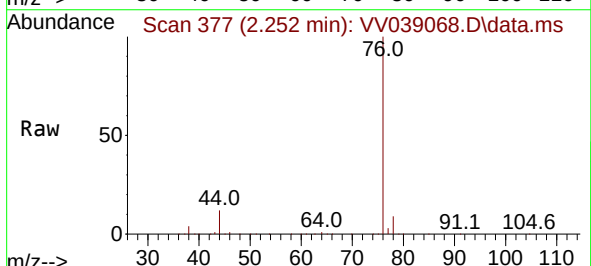
Acq: 15 Sep 2025 10:18

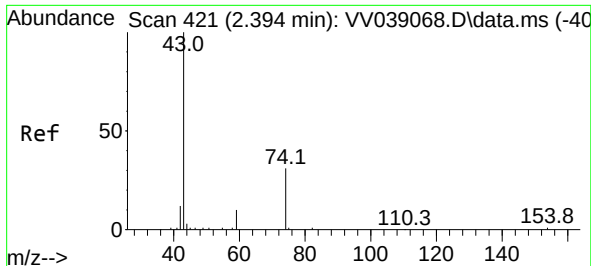
Tgt Ion: 76 Resp: 553599

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

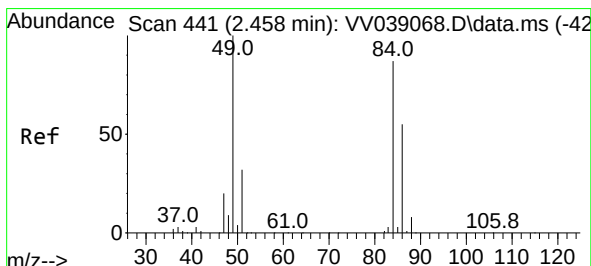
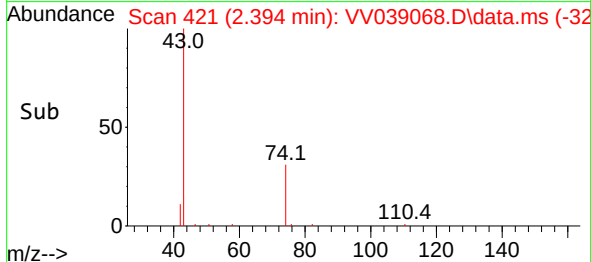
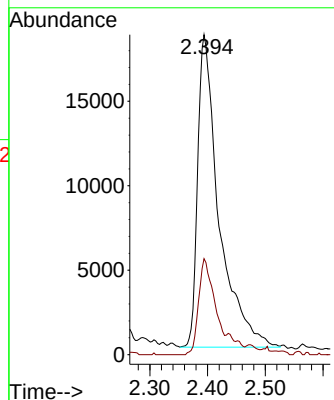
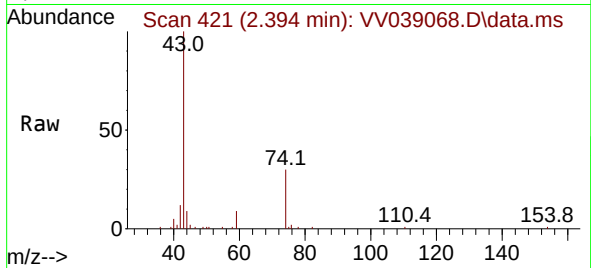




#15
Methyl Acetate
Concen: 4.483 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

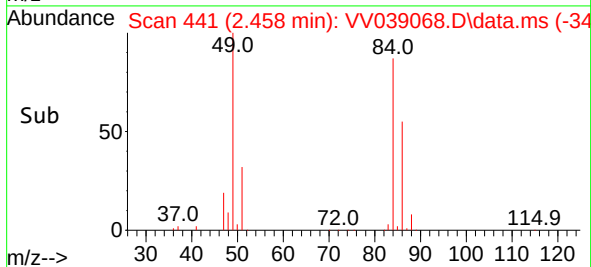
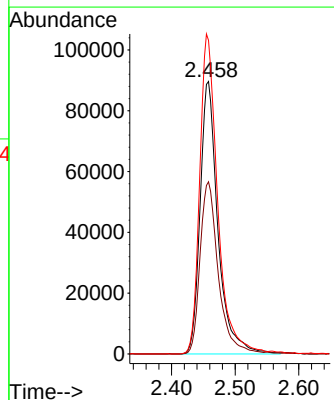
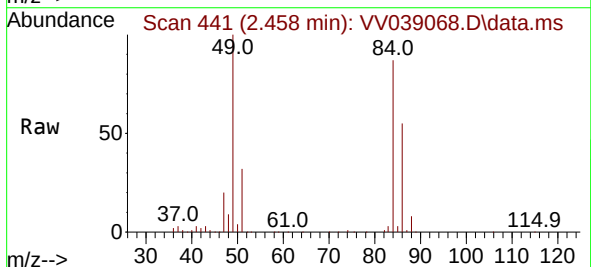
Instrument :
MSVOA_V
ClientSampleId :

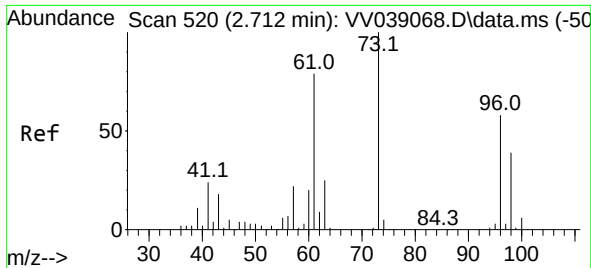
Tgt Ion: 43 Resp: 47261
Ion Ratio Lower Upper
43 100
74 23.5 18.8 28.2



#16
Methylene chloride
Concen: 3.538 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 84 Resp: 174415
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 115.1 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 4.695 ug/L

RT: 2.712 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

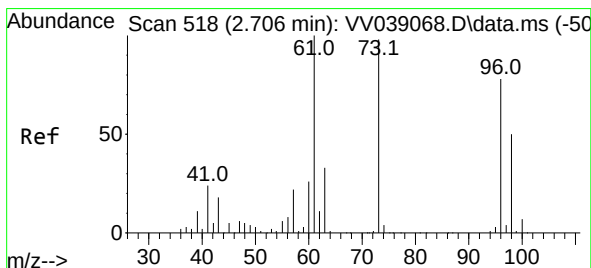
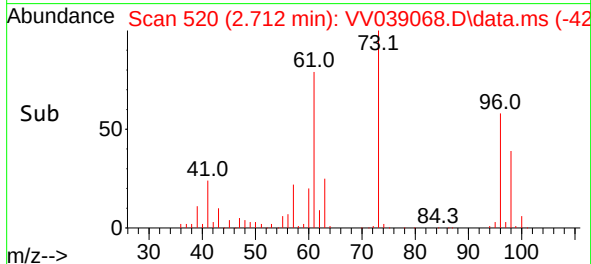
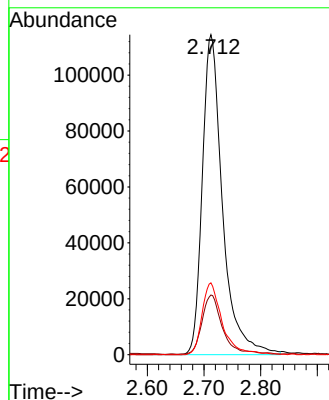
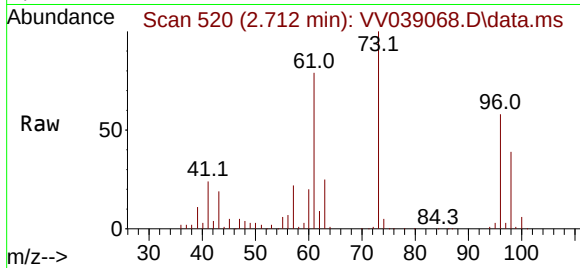
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 73 Resp: 283547

Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.7	22.1
57	22.5	18.0	27.0



#18

trans-1,2-Dichloroethene

Concen: 4.820 ug/L

RT: 2.706 min Scan# 518

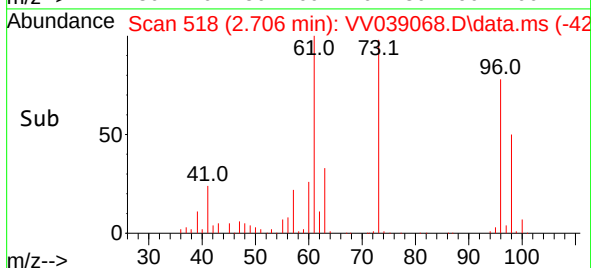
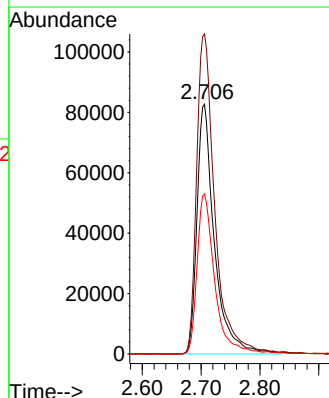
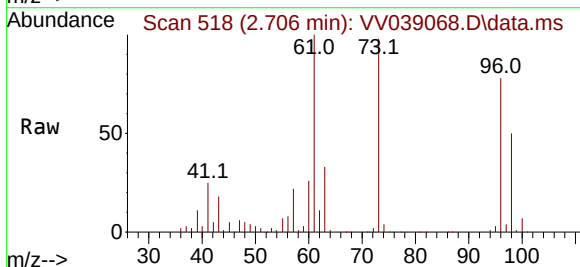
Delta R.T. 0.000 min

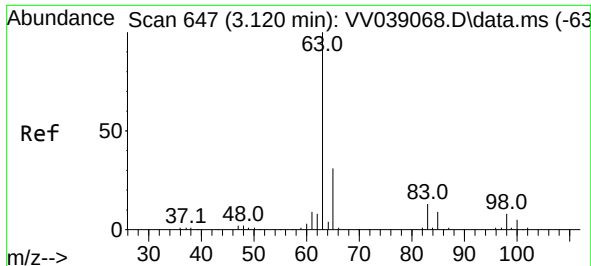
Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Tgt Ion: 96 Resp: 170528

Ion	Ratio	Lower	Upper
96	100		
61	128.1	89.7	166.5
98	64.1	44.9	83.3

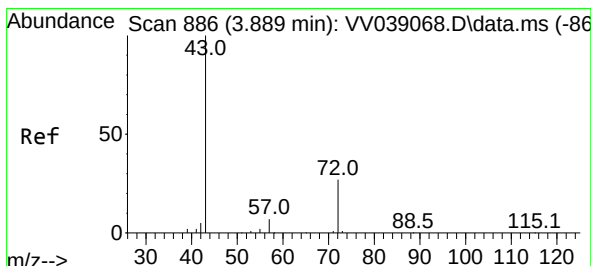
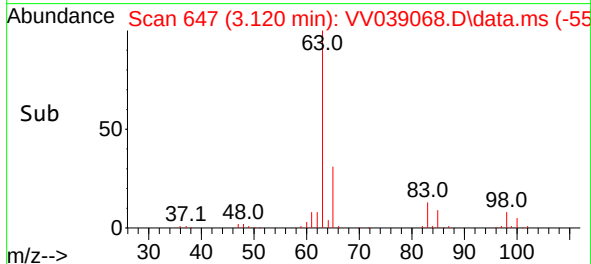
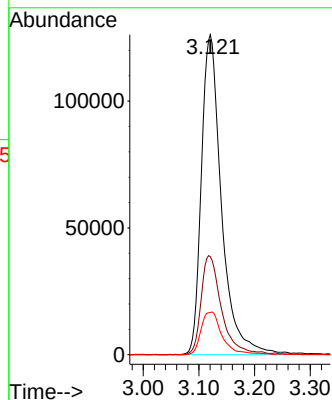
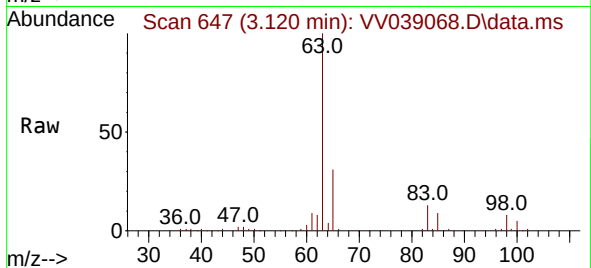




#19
1,1-Dichloroethane
Concen: 4.911 ug/L
RT: 3.120 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

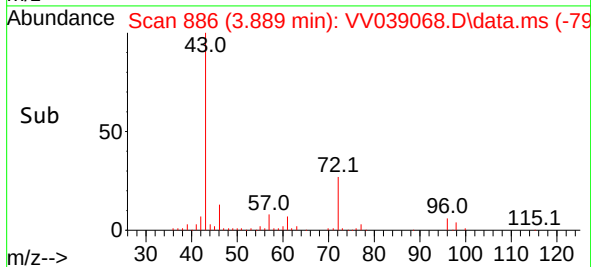
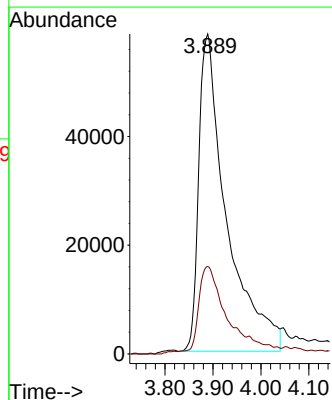
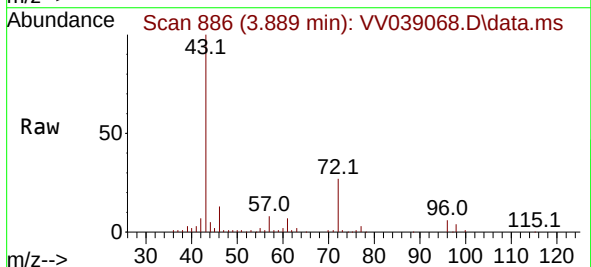
Instrument :
MSVOA_V
ClientSampleId :

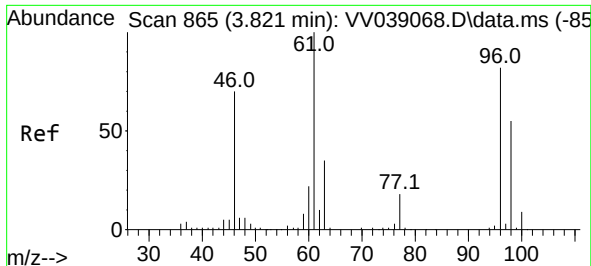
Tgt Ion: 63 Resp: 316665
Ion Ratio Lower Upper
63 100
65 30.7 21.5 39.9
83 13.2 9.2 17.2



#21
2-Butanone
Concen: 49.639 ug/L
RT: 3.889 min Scan# 886
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 43 Resp: 234689
Ion Ratio Lower Upper
43 100
72 24.0 12.0 36.0

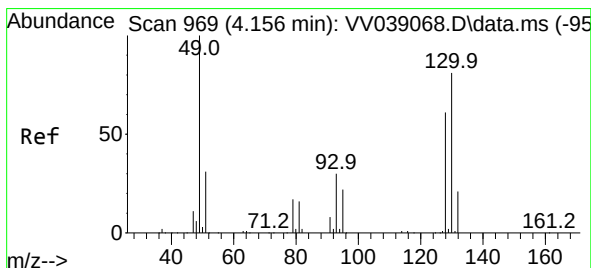
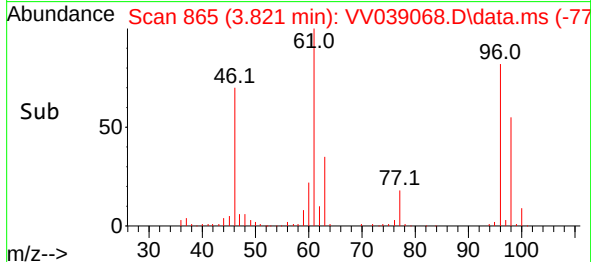
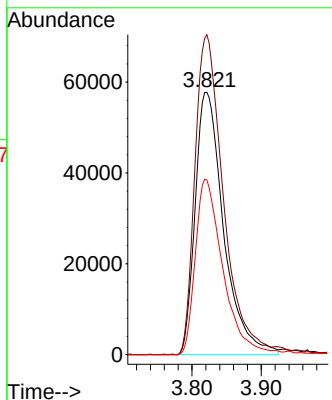
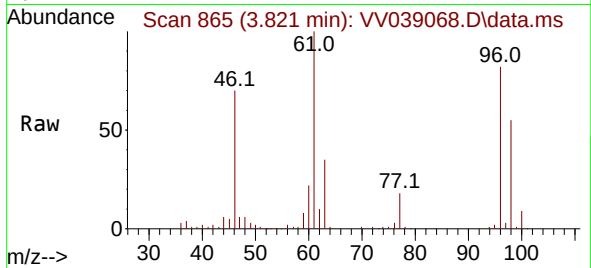




#22
 cis-1,2-Dichloroethene
 Concen: 4.844 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

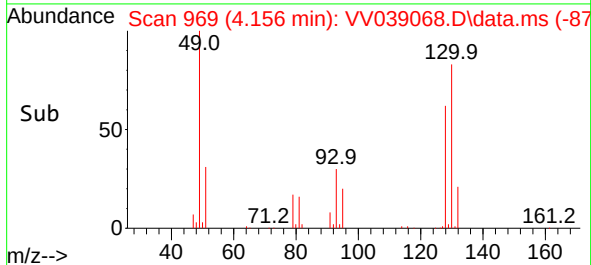
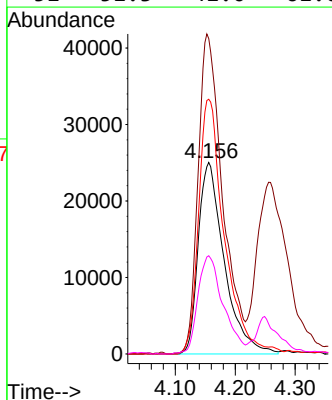
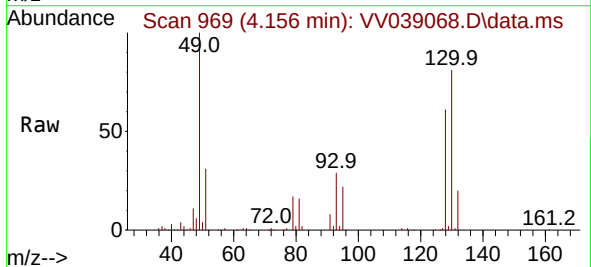
Instrument :
 MSVOA_V
 ClientSampleId :

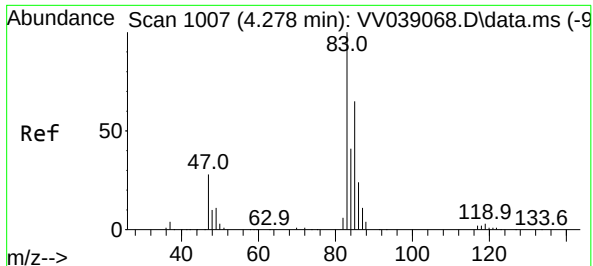
Tgt Ion: 96 Resp: 164910
 Ion Ratio Lower Upper
 96 100
 61 122.0 85.4 158.6
 98 66.6 46.6 86.6



#23
 Bromochloromethane
 Concen: 4.958 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

Tgt Ion: 128 Resp: 75462
 Ion Ratio Lower Upper
 128 100
 49 164.7 115.3 214.1
 130 133.1 93.2 173.0
 51 51.3 41.0 61.6





#25

Chloroform

Concen: 4.865 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

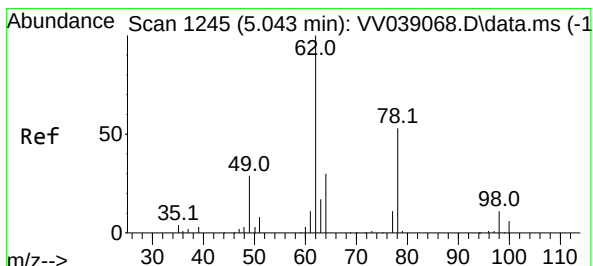
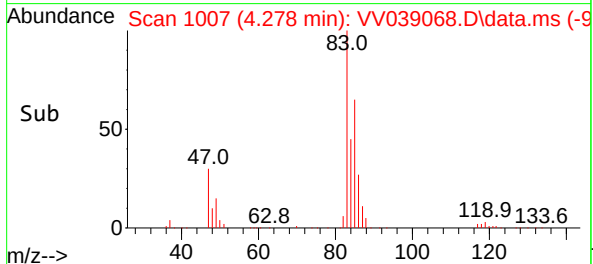
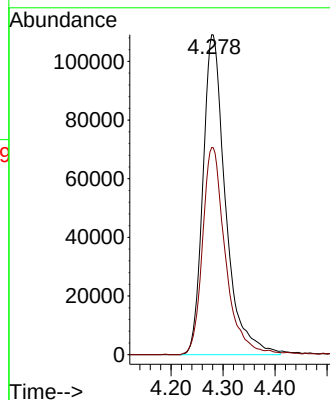
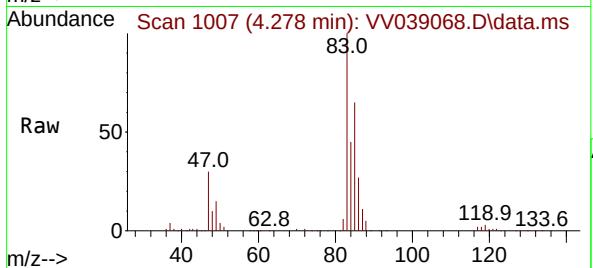
ClientSampleId :

Tgt Ion: 83 Resp: 328861

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.040 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV039068.D

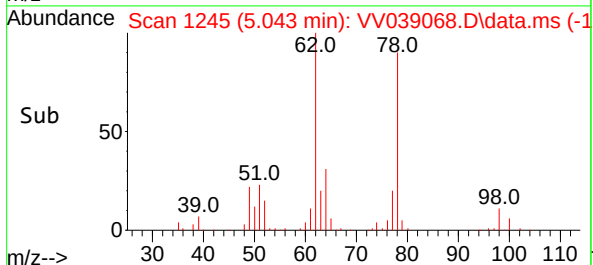
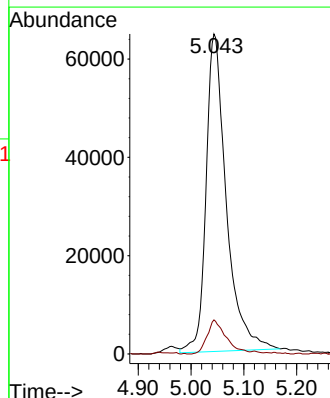
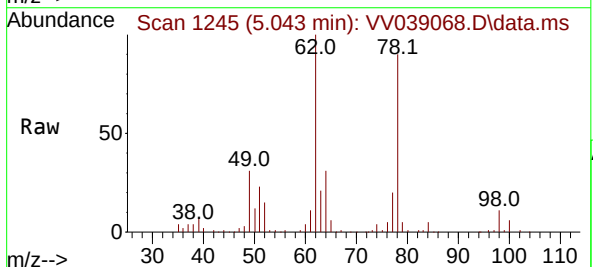
Acq: 15 Sep 2025 10:18

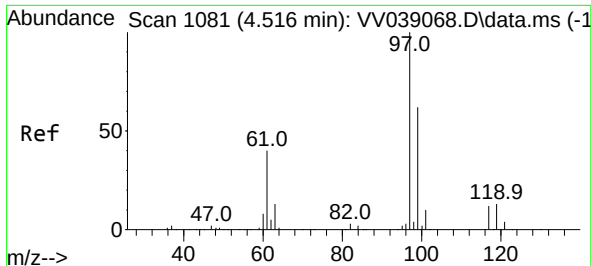
Tgt Ion: 62 Resp: 172228

Ion Ratio Lower Upper

62 100

98 10.7 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 4.703 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

ClientSampleId :

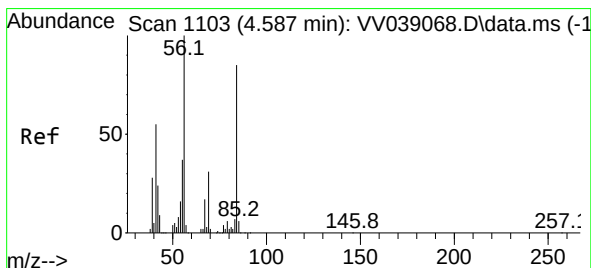
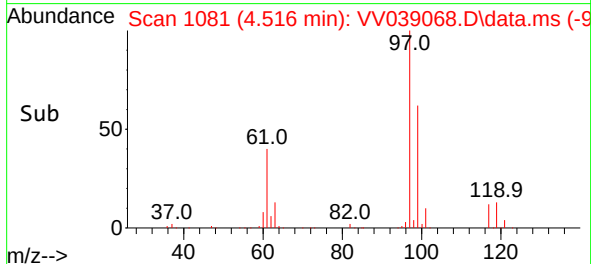
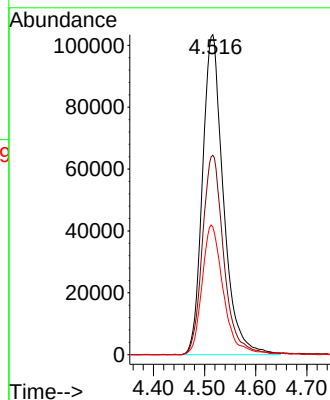
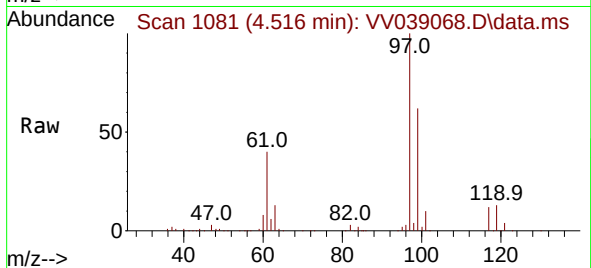
Tgt Ion: 97 Resp: 294568

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 41.1 32.9 49.3



#30

Cyclohexane

Concen: 4.721 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

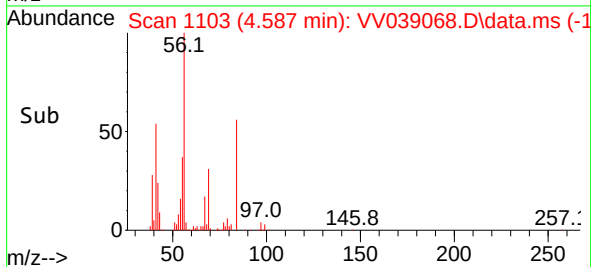
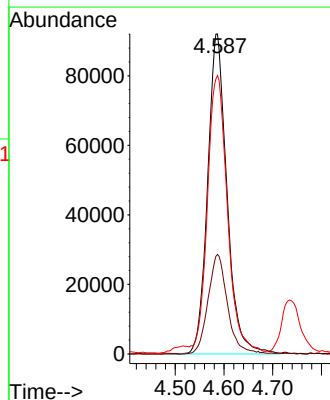
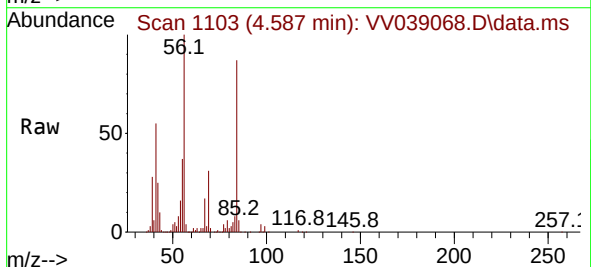
Tgt Ion: 56 Resp: 253739

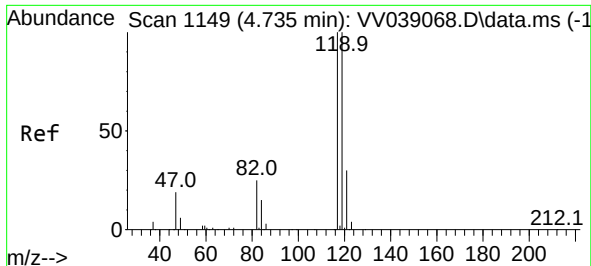
Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 89.1 71.3 106.9

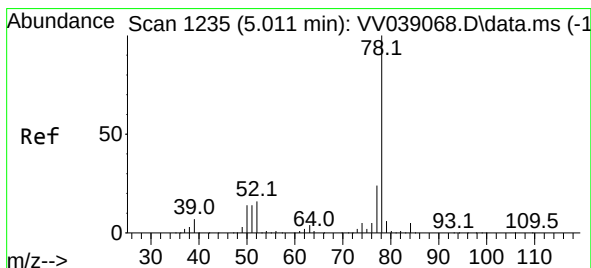
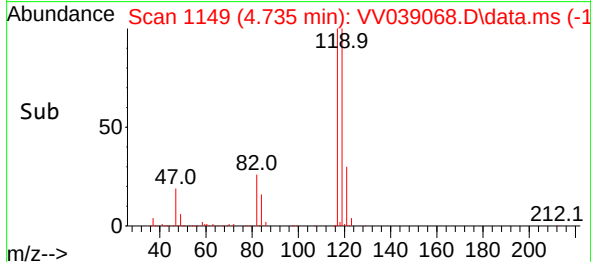
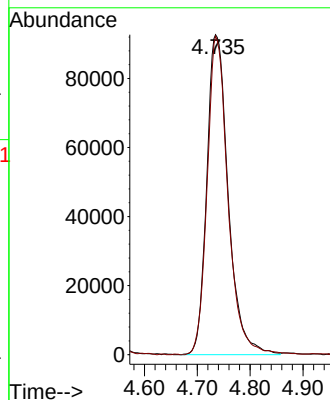
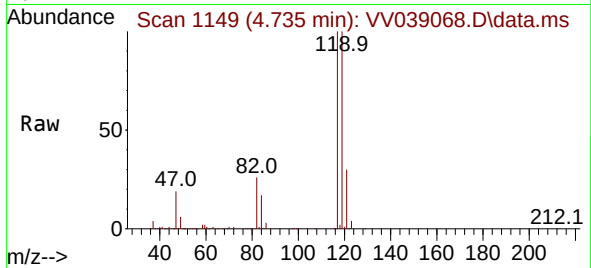




#31
Carbon tetrachloride
Concen: 4.825 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

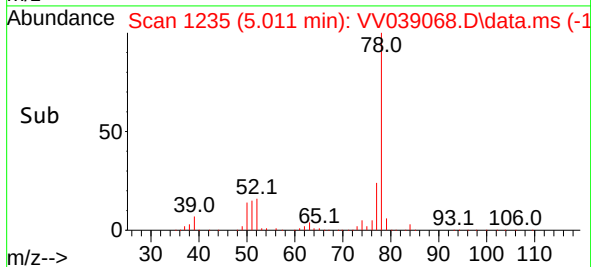
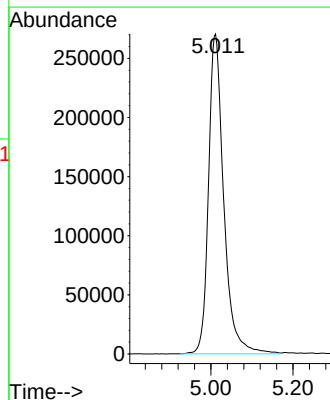
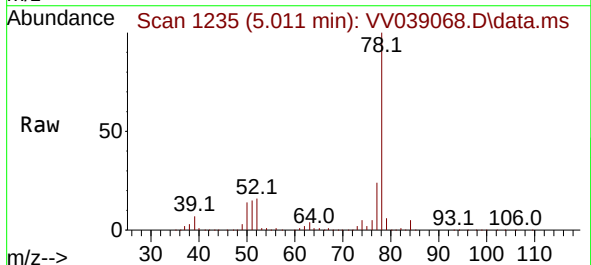
Instrument :
MSVOA_V
ClientSampleId :

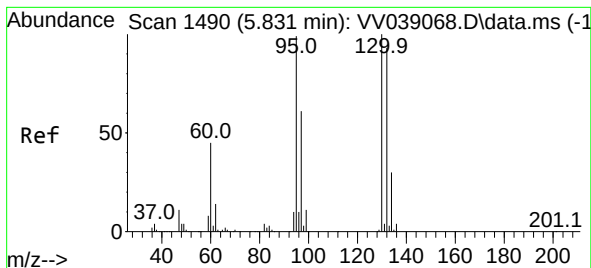
Tgt Ion:117 Resp: 261523
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2



#33
Benzene
Concen: 5.027 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 78 Resp: 695774





#34

Trichloroethene

Concen: 4.731 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 176155

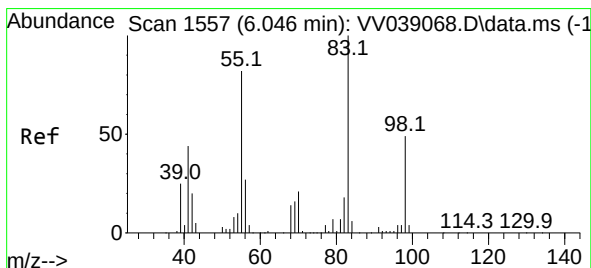
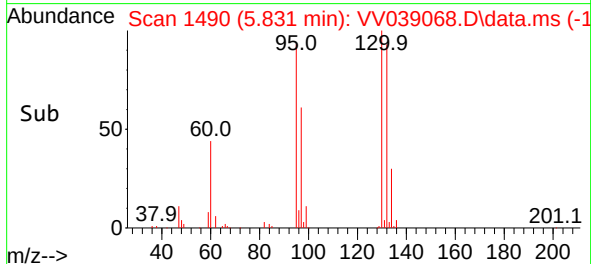
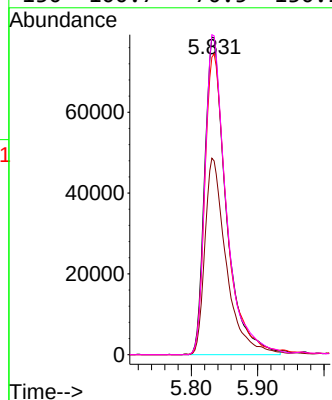
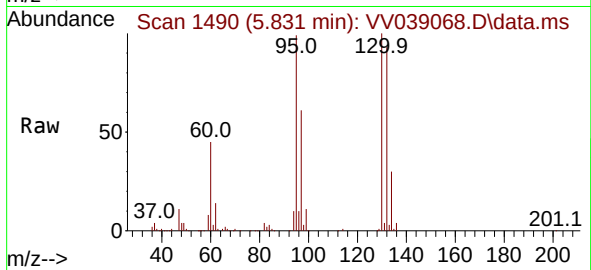
Ion Ratio Lower Upper

95 100

97 61.9 43.3 80.5

132 93.6 65.5 121.7

130 100.7 70.5 130.9



#35

Methylcyclohexane

Concen: 4.749 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

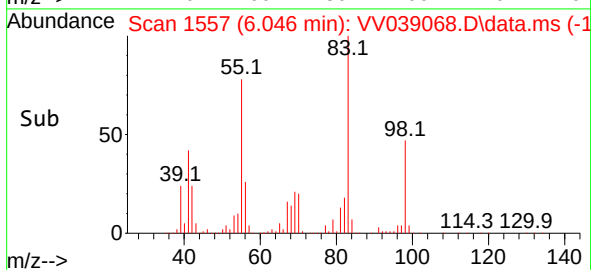
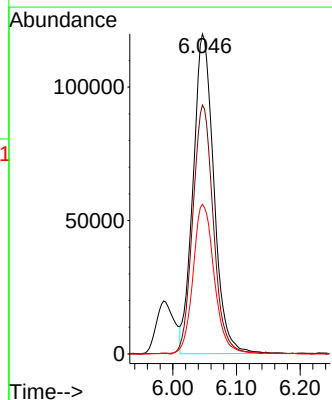
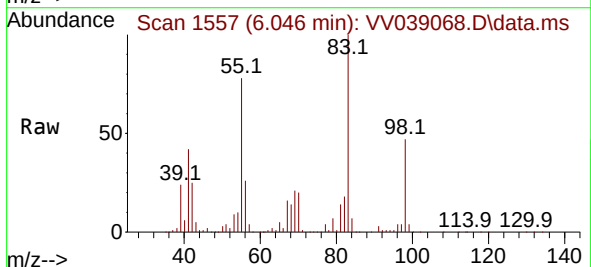
Tgt Ion: 83 Resp: 271437

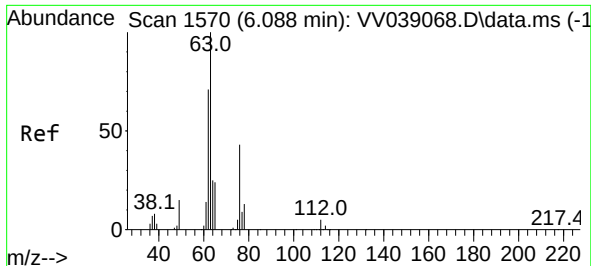
Ion Ratio Lower Upper

83 100

55 76.8 61.4 92.2

98 47.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 4.999 ug/L

RT: 6.088 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

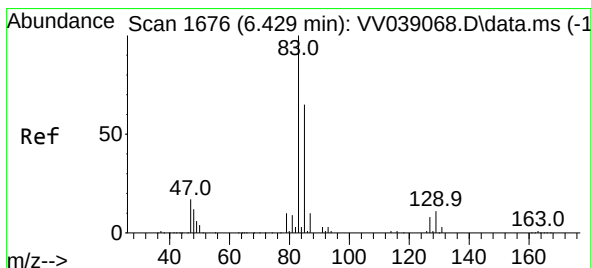
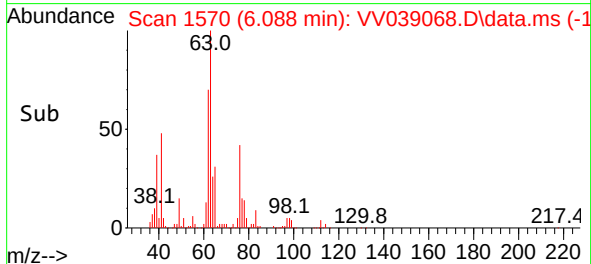
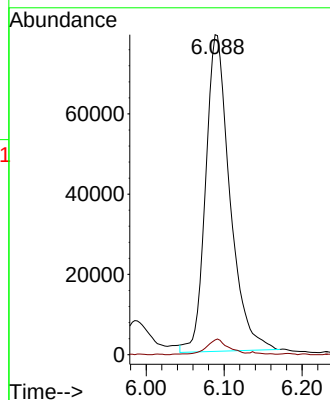
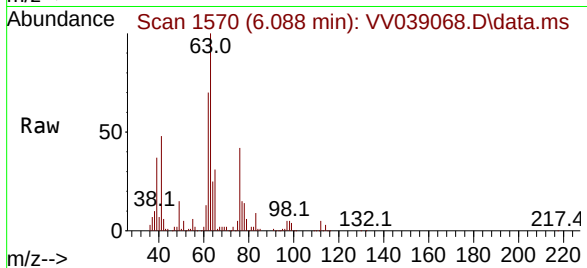
ClientSampleId :

Tgt Ion: 63 Resp: 170506

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 4.749 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

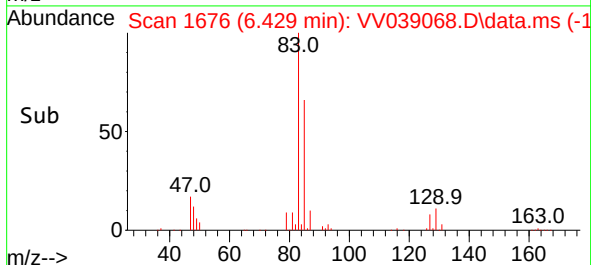
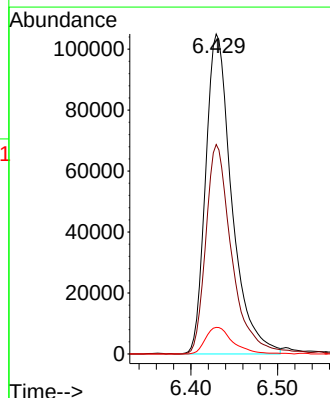
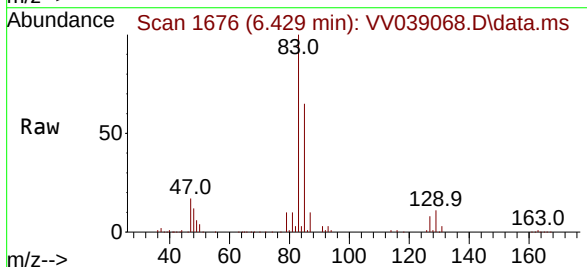
Tgt Ion: 83 Resp: 220560

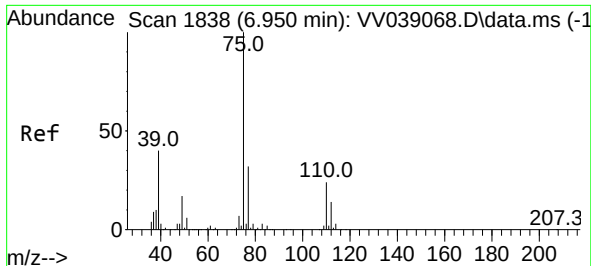
Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.730 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

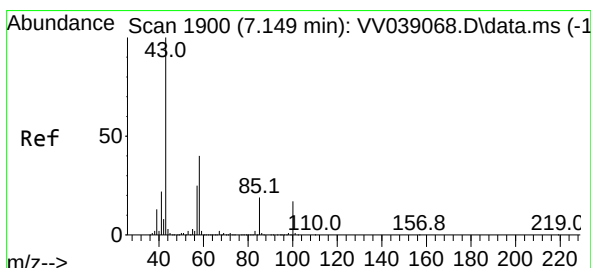
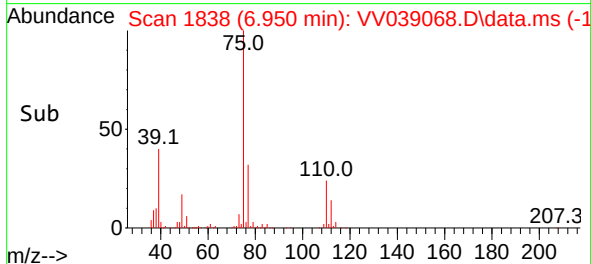
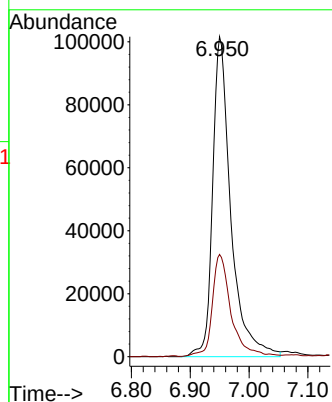
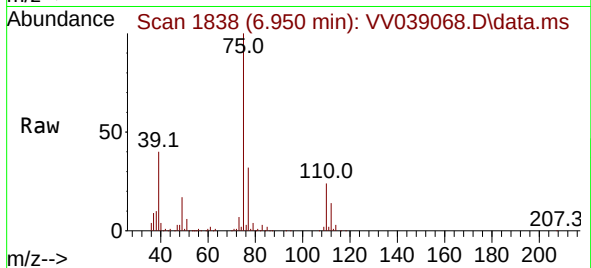
ClientSampleId :

Tgt Ion: 75 Resp: 218335

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.189 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

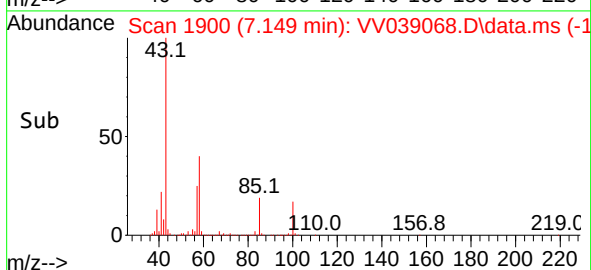
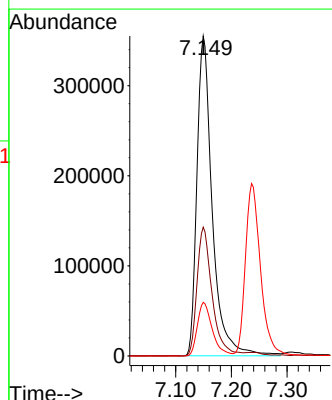
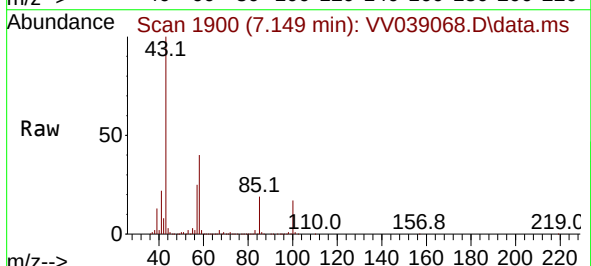
Tgt Ion: 43 Resp: 681036

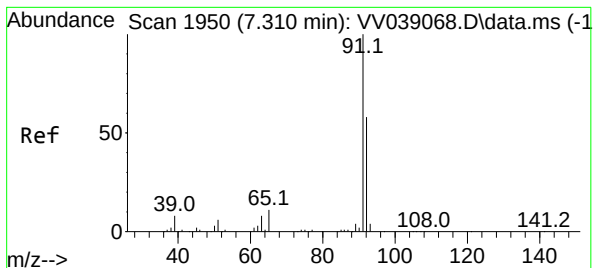
Ion Ratio Lower Upper

43 100

58 39.6 31.7 47.5

100 16.2 13.0 19.4





#42

Toluene

Concen: 5.097 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

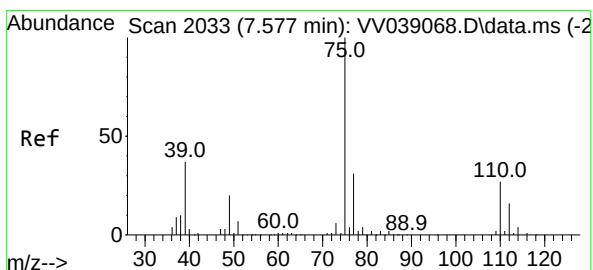
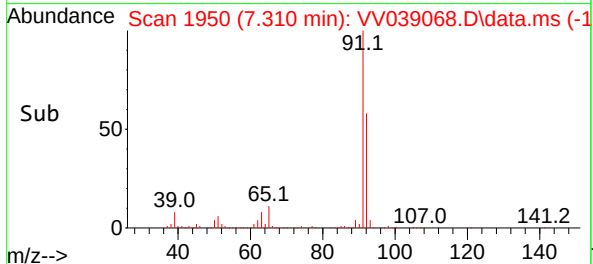
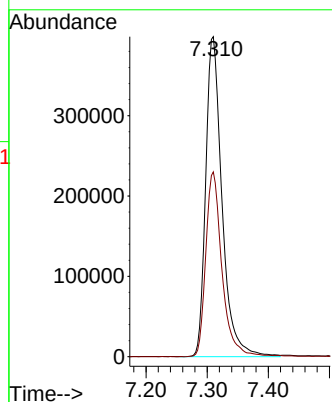
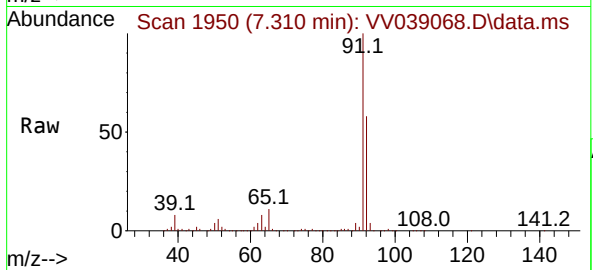
ClientSampleId :

Tgt Ion: 91 Resp: 738288

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.806 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV039068.D

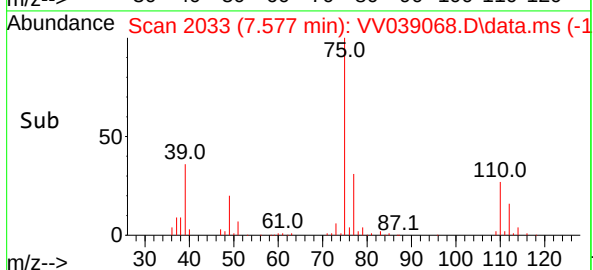
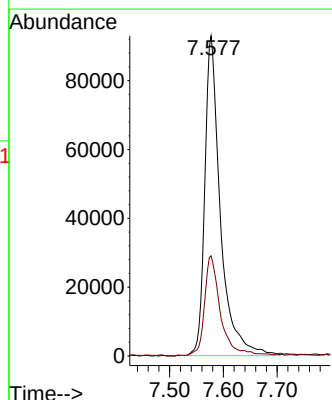
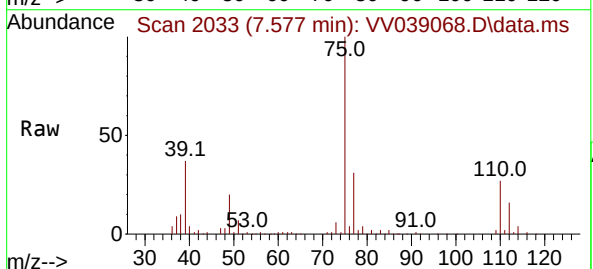
Acq: 15 Sep 2025 10:18

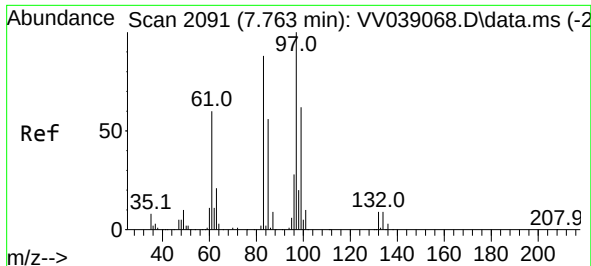
Tgt Ion: 75 Resp: 187160

Ion Ratio Lower Upper

75 100

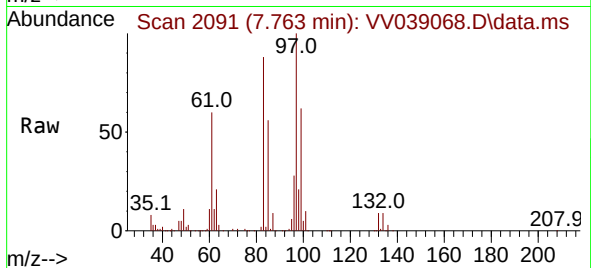
77 31.3 21.9 40.7



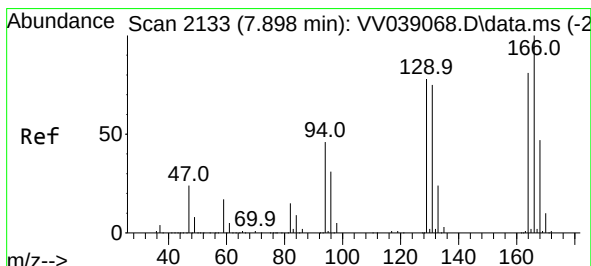
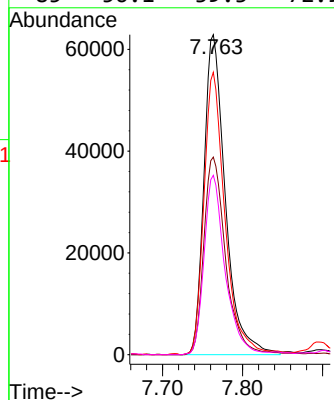
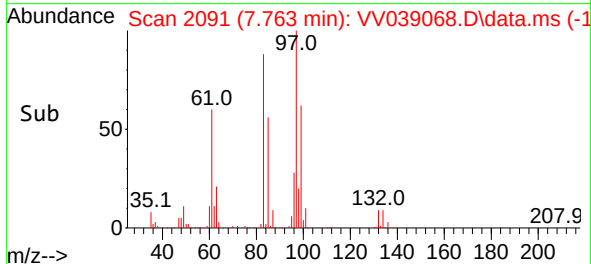


#45
1,1,2-Trichloroethane
Concen: 4.803 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Instrument :
MSVOA_V
ClientSampleId :

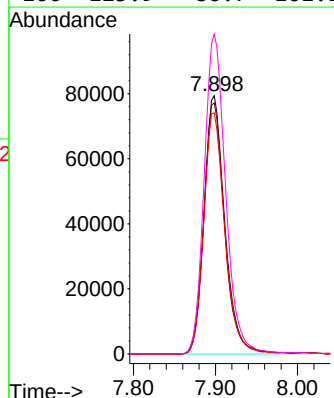
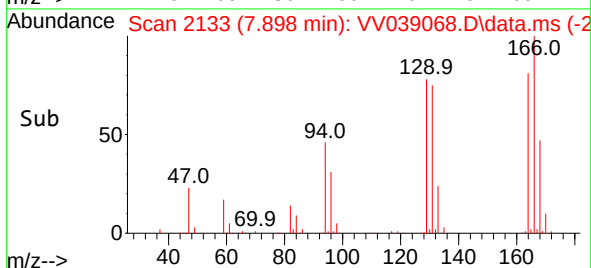
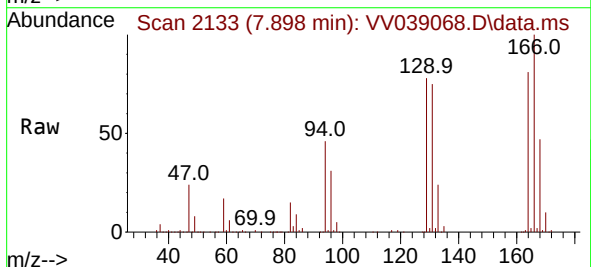


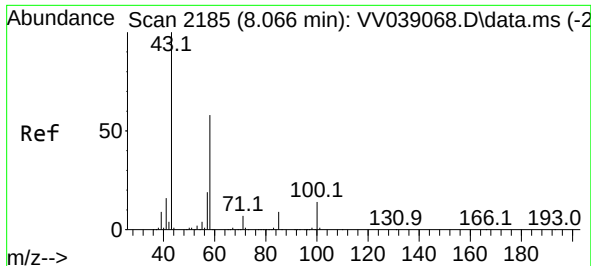
Tgt Ion:	97	Resp:	117436
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	88.2	61.7	114.7
85	56.1	39.3	72.9



#47
Tetrachloroethene
Concen: 4.841 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

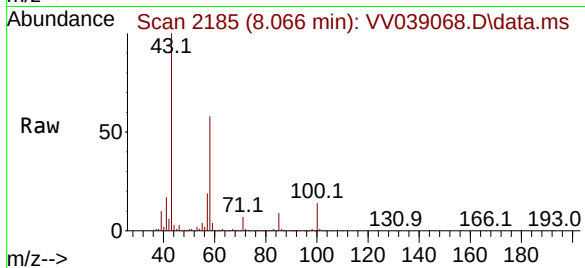
Tgt Ion:	164	Resp:	139177
Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.0	126.4
131	93.4	65.4	121.4
166	123.9	86.7	161.1



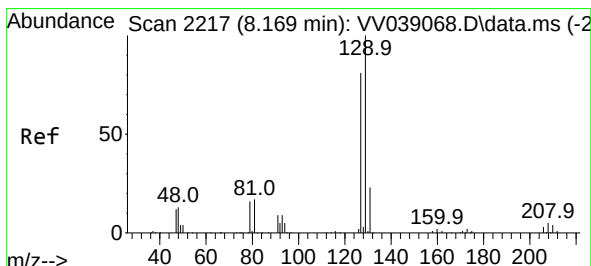
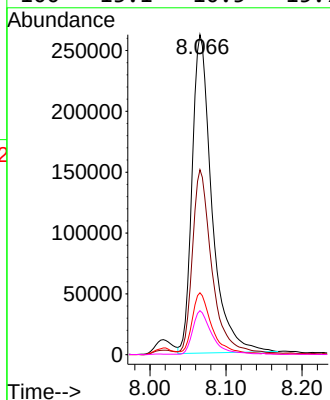
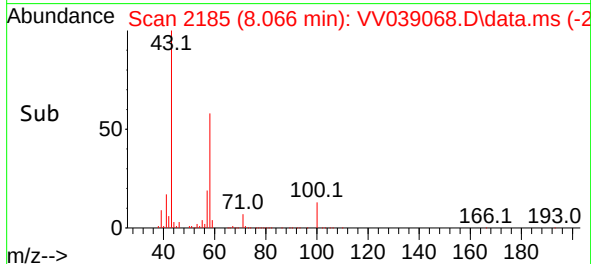


#48
2-Hexanone
Concen: 52.988 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Instrument :
MSVOA_V
ClientSampleId :

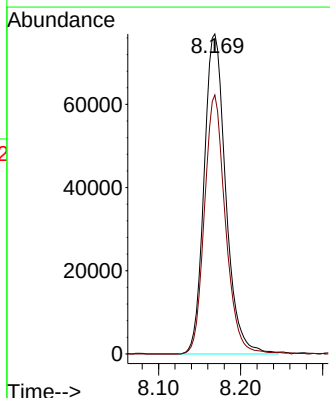
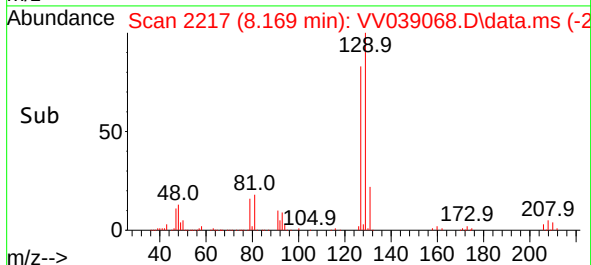
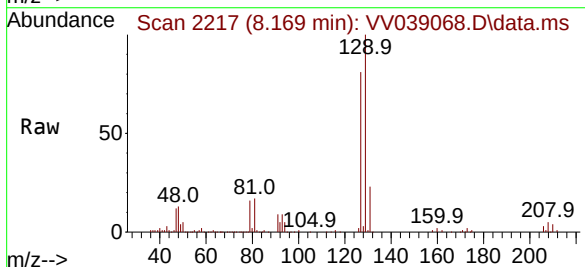


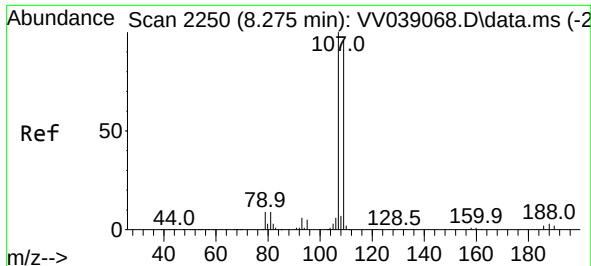
Tgt Ion: 43 Resp: 474246
Ion Ratio Lower Upper
43 100
58 57.0 45.6 68.4
57 19.5 15.6 23.4
100 13.1 10.5 15.7



#49
Dibromochloromethane
Concen: 4.826 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 129 Resp: 141428
Ion Ratio Lower Upper
129 100
127 81.0 56.7 105.3





#50

1,2-Dibromoethane

Concen: 4.776 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

ClientSampleId :

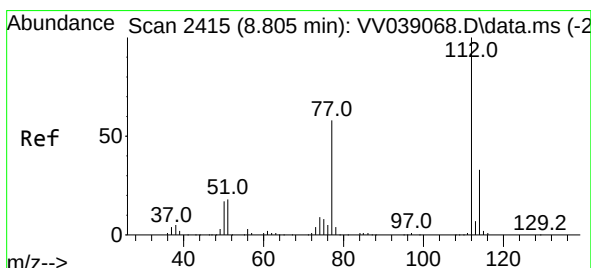
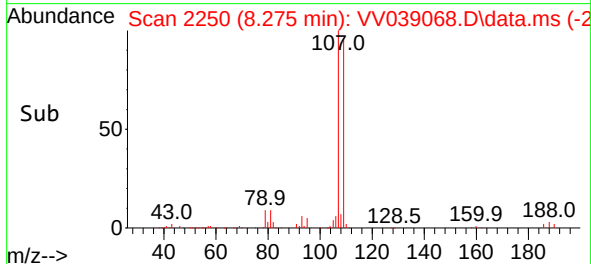
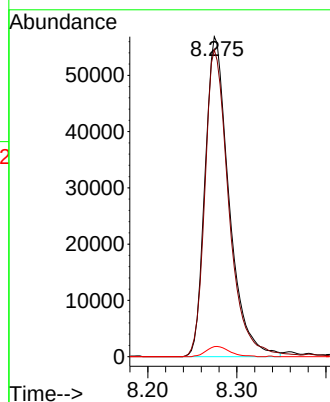
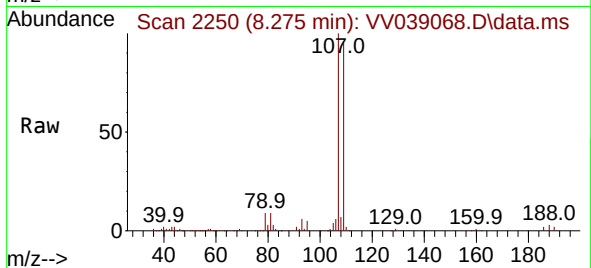
Tgt Ion:107 Resp: 106243

Ion Ratio Lower Upper

107 100

109 95.9 67.1 124.7

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 4.685 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

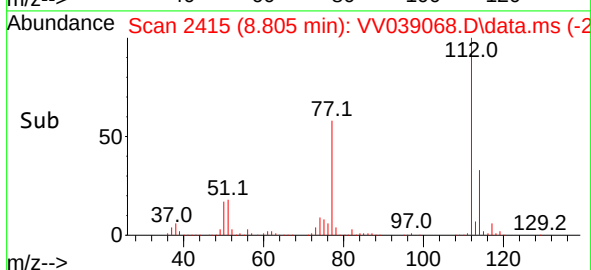
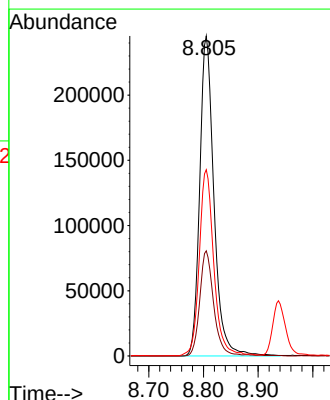
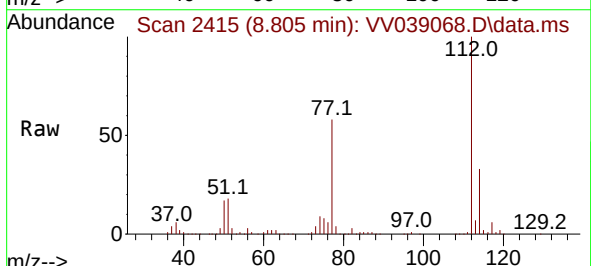
Tgt Ion:112 Resp: 442581

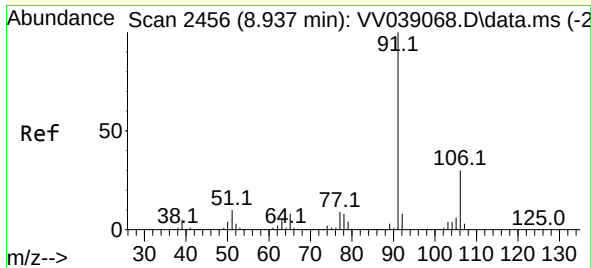
Ion Ratio Lower Upper

112 100

114 32.8 23.0 42.6

77 58.2 46.6 69.8

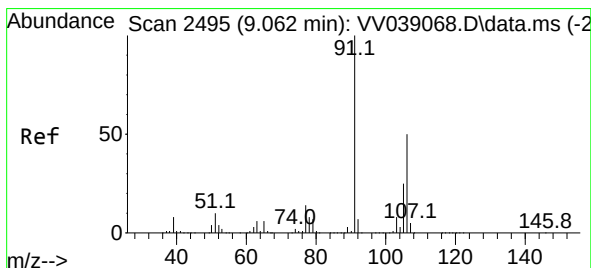
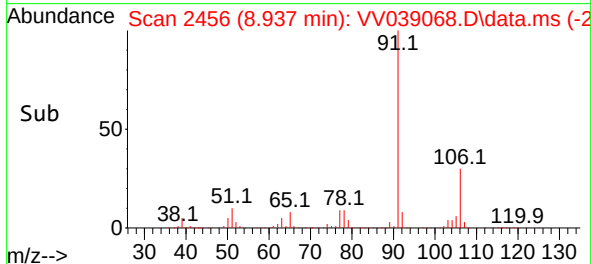
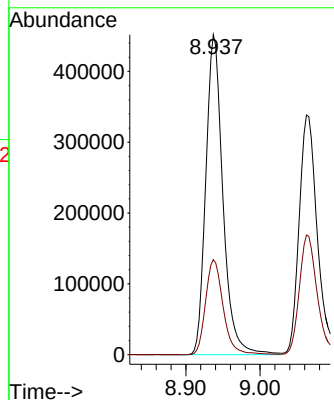
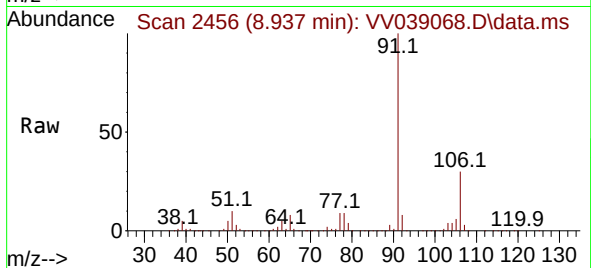




#52
Ethylbenzene
Concen: 4.799 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

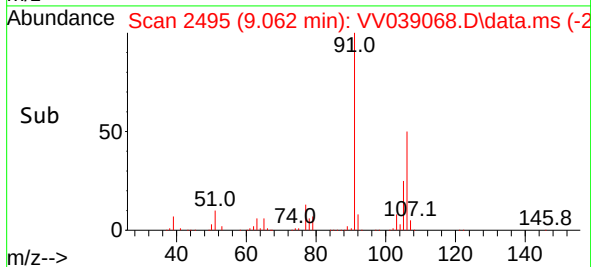
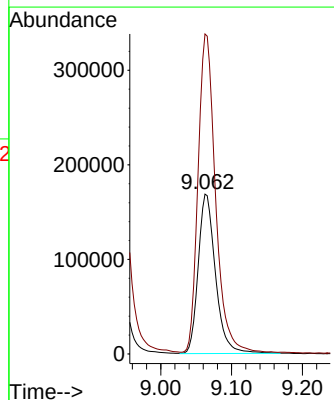
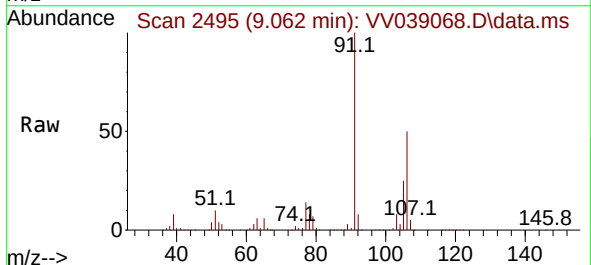
Instrument :
MSVOA_V
ClientSampleId :

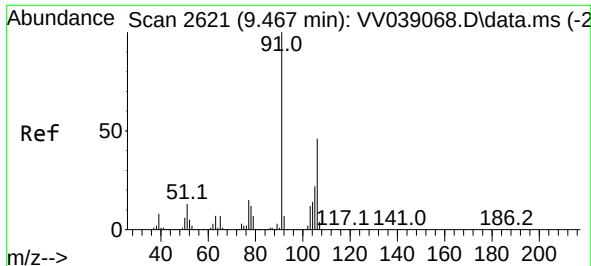
Tgt Ion: 91 Resp: 721023
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 4.900 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion: 106 Resp: 285493
Ion Ratio Lower Upper
106 100
91 200.2 140.1 260.3

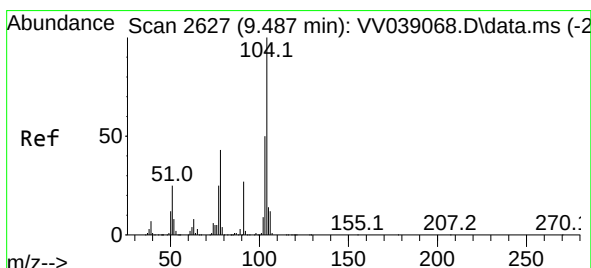
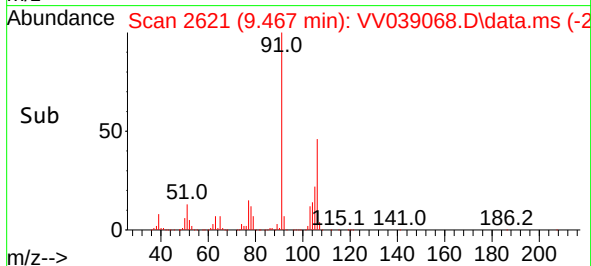
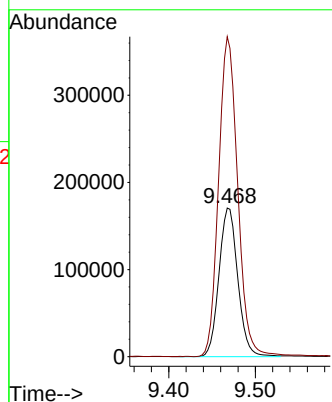
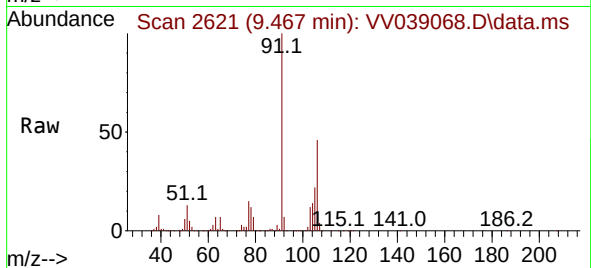




#54
o-Xylene
Concen: 4.891 ug/L
RT: 9.467 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

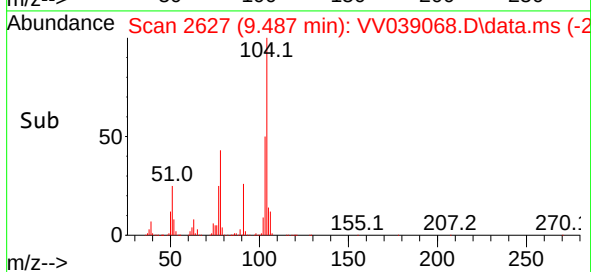
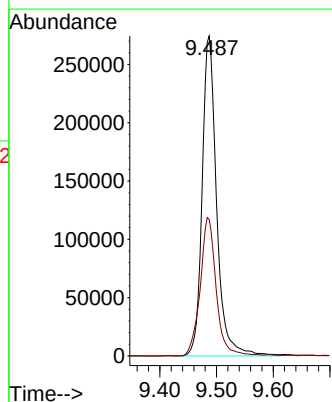
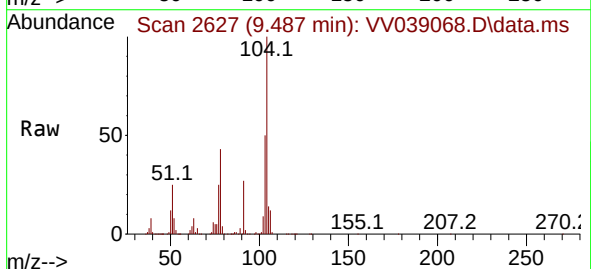
Instrument :
MSVOA_V
ClientSampleId :

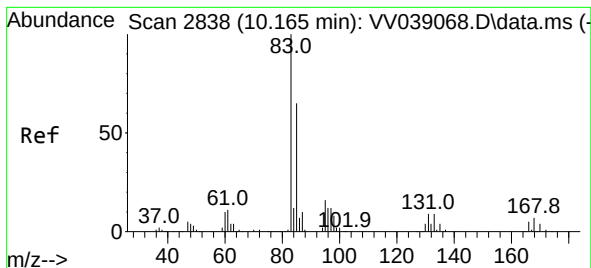
Tgt Ion:106 Resp: 257923
Ion Ratio Lower Upper
106 100
91 215.3 150.7 279.9



#55
Styrene
Concen: 5.303 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion:104 Resp: 486783
Ion Ratio Lower Upper
104 100
78 42.7 29.9 55.5

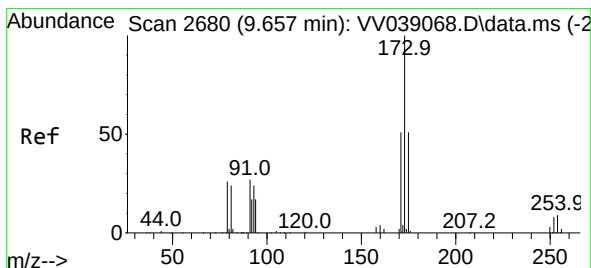
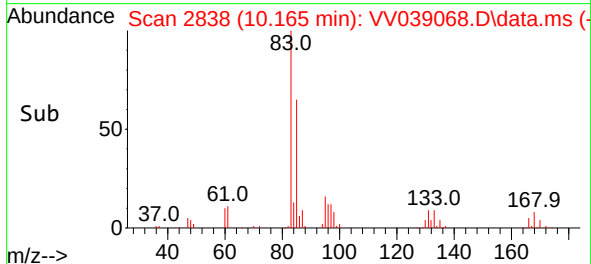
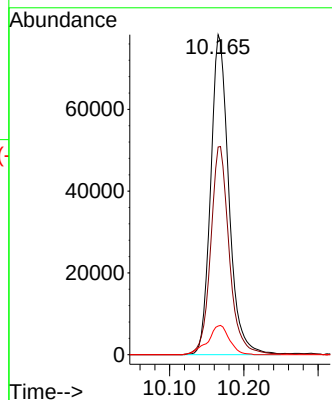
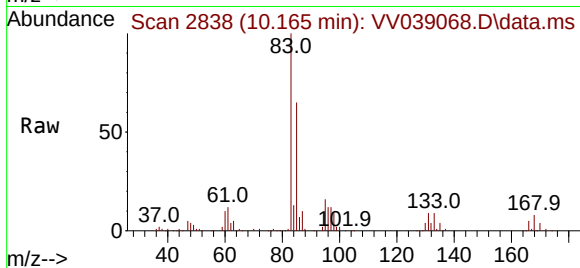




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.708 ug/L
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

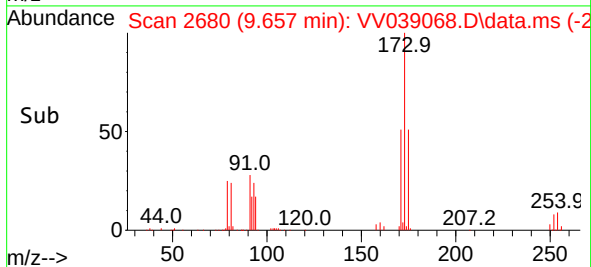
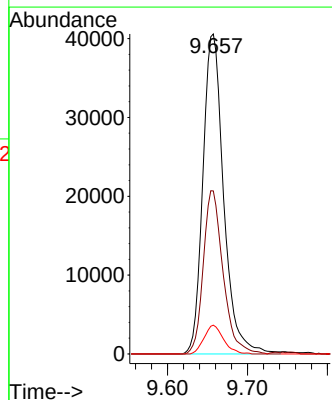
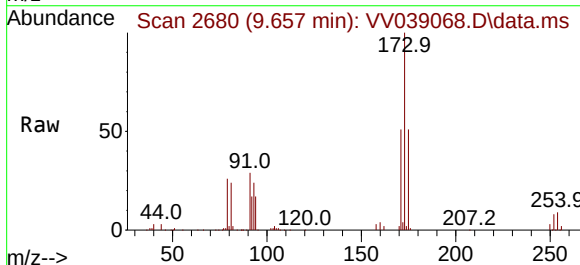
Instrument :
 MSVOA_V
 ClientSampleId :

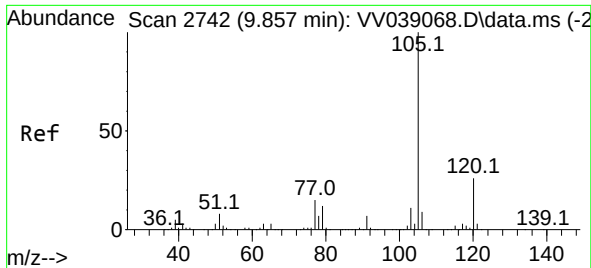
Tgt Ion: 83 Resp: 132817
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.4 84.4
 131 9.0 7.2 10.8



#59
 Bromoform
 Concen: 4.660 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

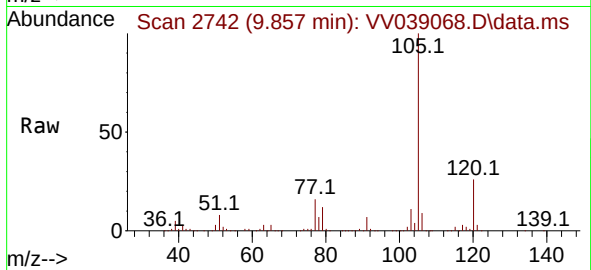
Tgt Ion: 173 Resp: 73505
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.8 58.2
 254 8.5 6.8 10.2



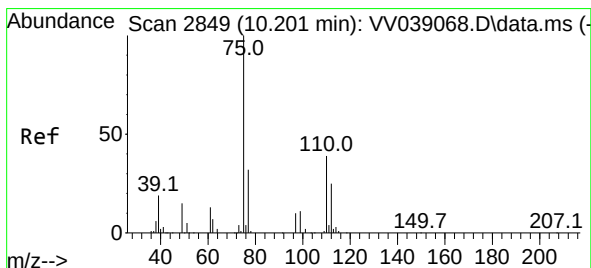
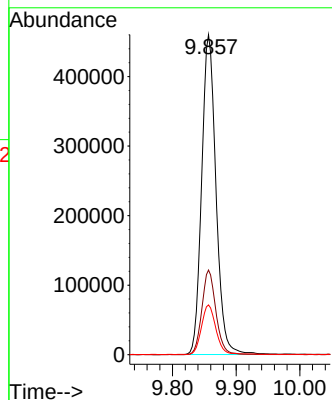
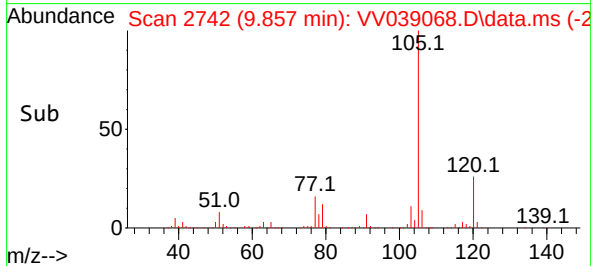


#60
Isopropylbenzene
Concen: 4.683 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

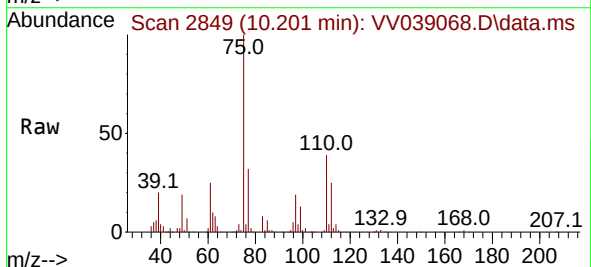
Instrument :
MSVOA_V
ClientSampleId :



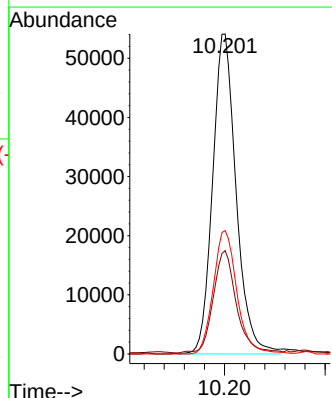
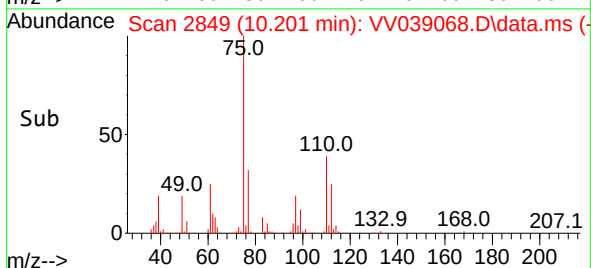
Tgt Ion:105 Resp: 718573
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.6 12.5 18.7

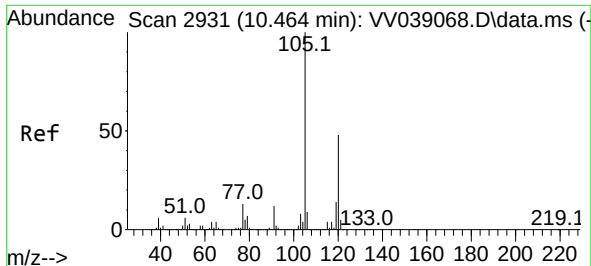


#61
1,2,3-Trichloropropane
Concen: 4.362 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18



Tgt Ion: 75 Resp: 87875
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
110 38.7 31.0 46.4

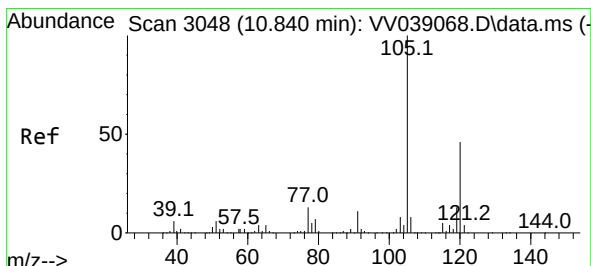
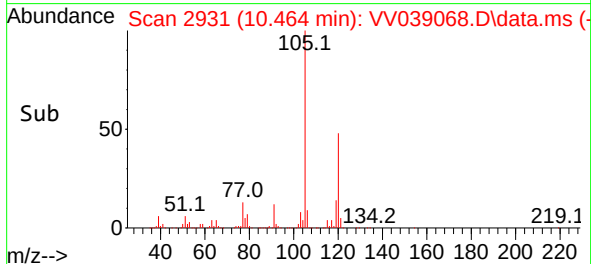
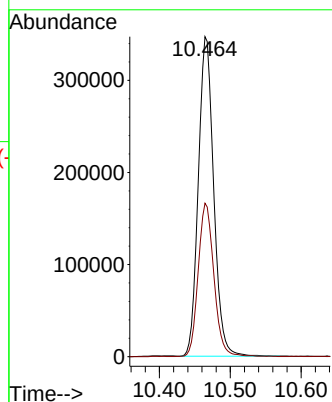
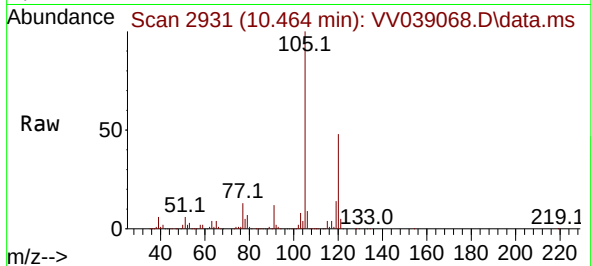




#62
 1,3,5-Trimethylbenzene
 Concen: 4.479 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

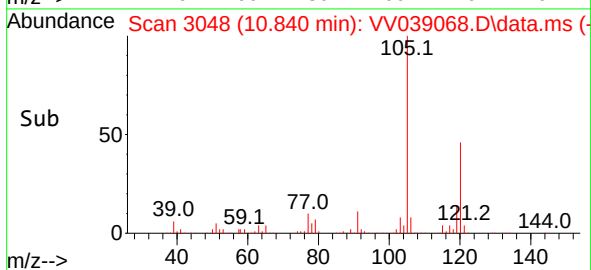
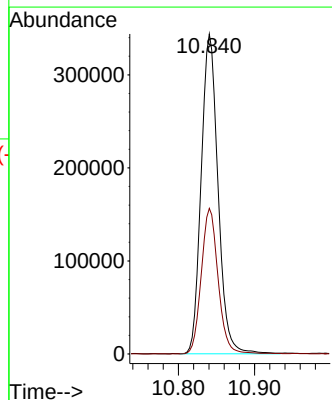
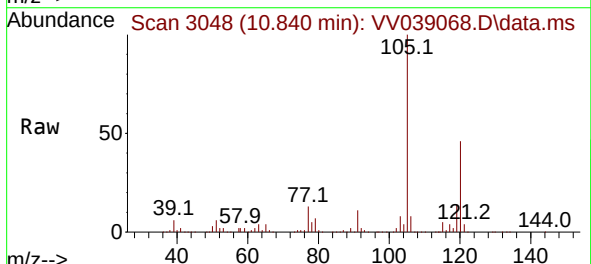
Instrument :
 MSVOA_V
 ClientSampleId :

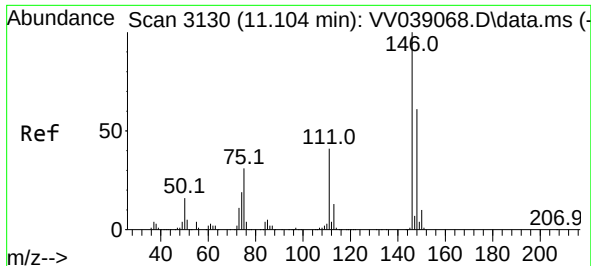
Tgt Ion:105 Resp: 522850
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 4.661 ug/L
 RT: 10.840 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

Tgt Ion:105 Resp: 527943
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.6 54.8

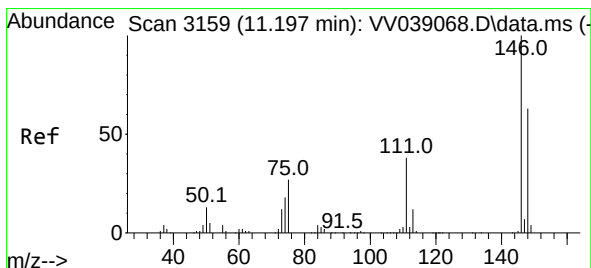
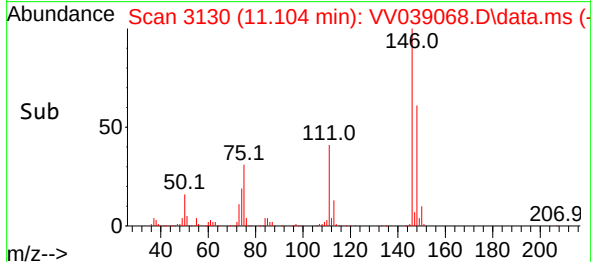
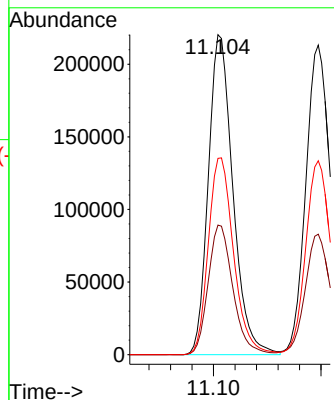
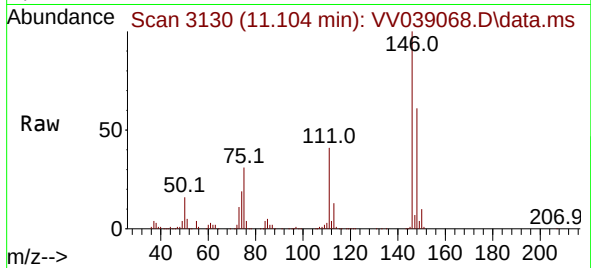




#64
 1,3-Dichlorobenzene
 Concen: 4.768 ug/L
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

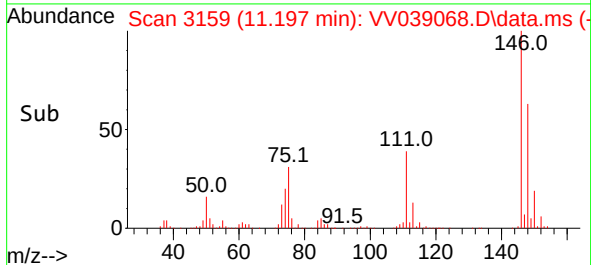
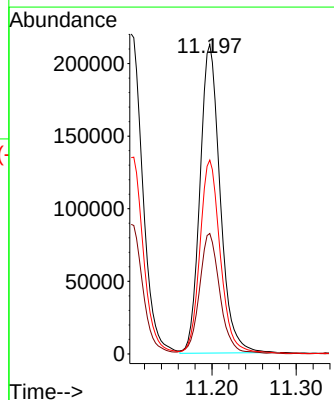
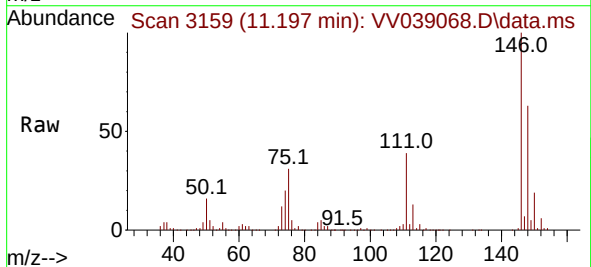
Instrument :
 MSVOA_V
 ClientSampleId :

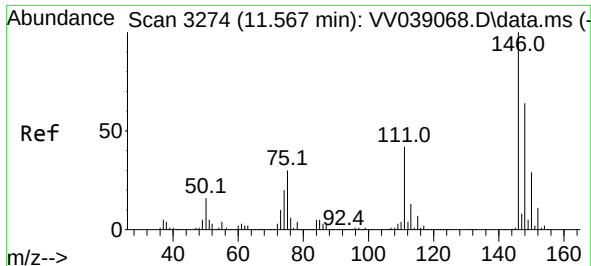
Tgt Ion:146 Resp: 349905
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.3 52.7
 148 61.3 42.9 79.7



#65
 1,4-Dichlorobenzene
 Concen: 4.690 ug/L
 RT: 11.197 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

Tgt Ion:146 Resp: 354612
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.2 50.6
 148 62.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.645 ug/L

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

Instrument :

MSVOA_V

ClientSampleId :

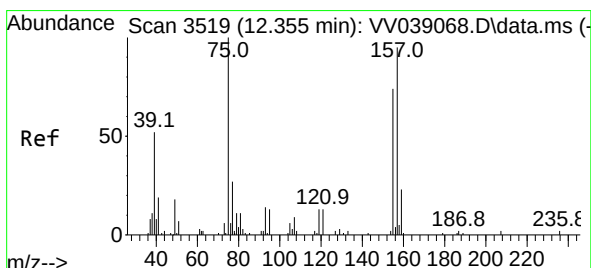
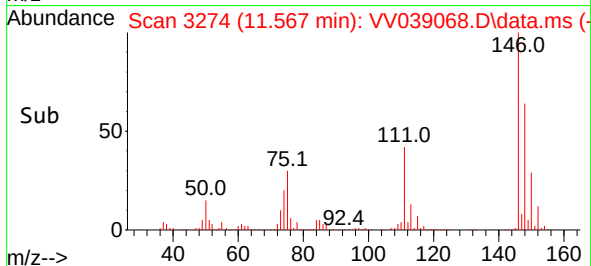
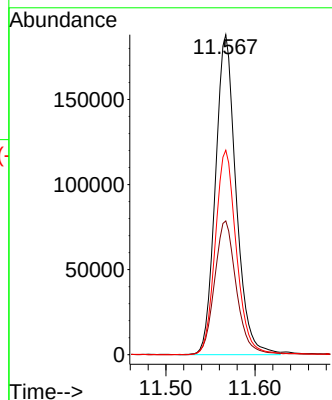
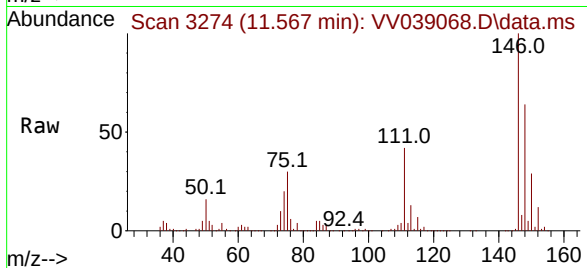
Tgt Ion:146 Resp: 303622

Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.2

148 63.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.491 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.000 min

Lab File: VV039068.D

Acq: 15 Sep 2025 10:18

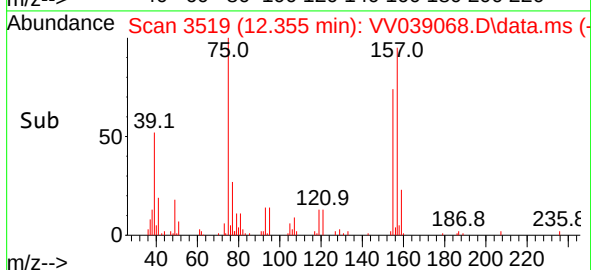
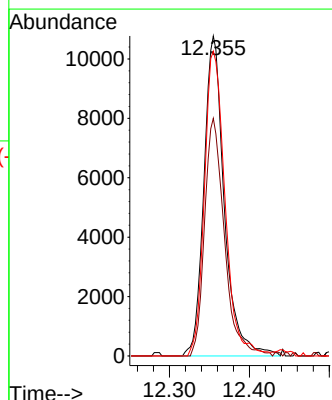
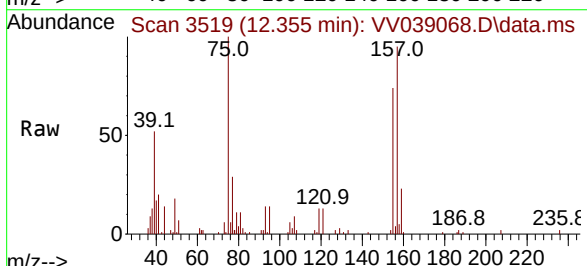
Tgt Ion: 75 Resp: 19171

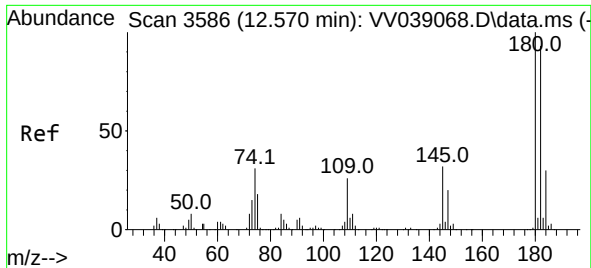
Ion Ratio Lower Upper

75 100

155 74.2 59.4 89.0

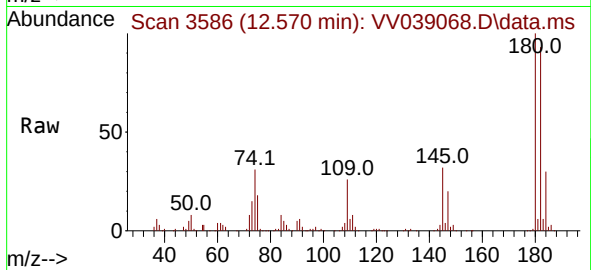
157 95.2 76.2 114.2



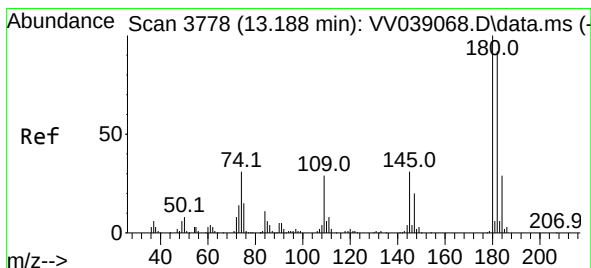
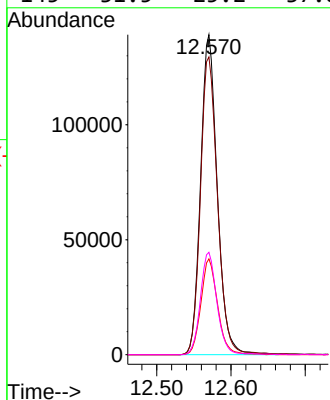
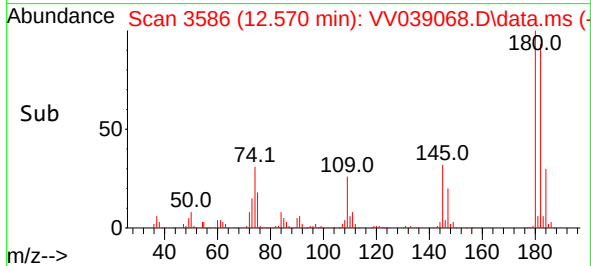


#69
 1,3,5-Trichlorobenzene
 Concen: 4.647 ug/L
 RT: 12.570 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18

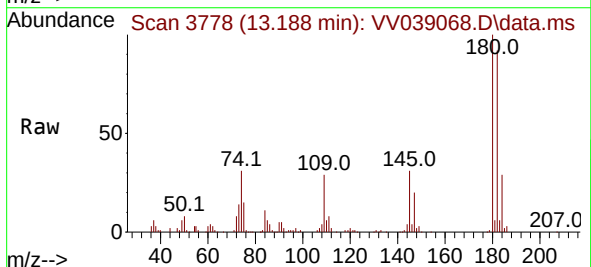
Instrument :
 MSVOA_V
 ClientSampleId :



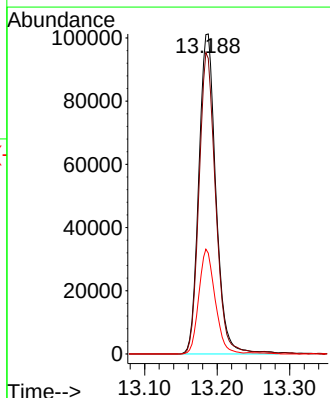
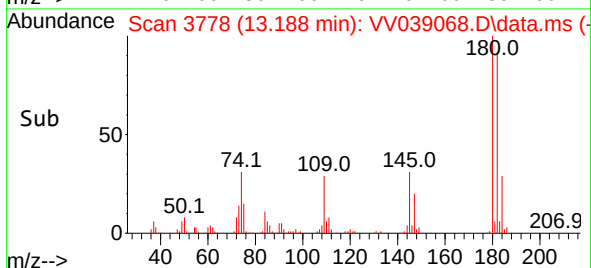
Tgt Ion:180 Resp: 216955
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 184 30.0 24.0 36.0
 145 31.5 25.2 37.8

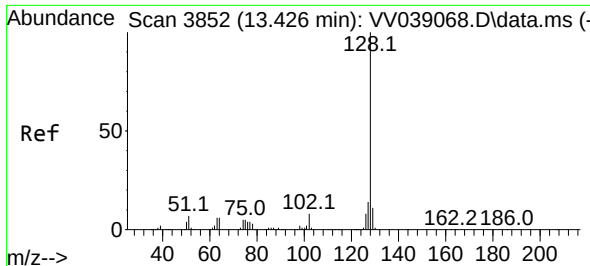


#70
 1,2,4-trichlorobenzene
 Concen: 4.618 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. 0.000 min
 Lab File: VV039068.D
 Acq: 15 Sep 2025 10:18



Tgt Ion:180 Resp: 165813
 Ion Ratio Lower Upper
 180 100
 182 91.5 73.2 109.8
 145 31.2 25.0 37.4

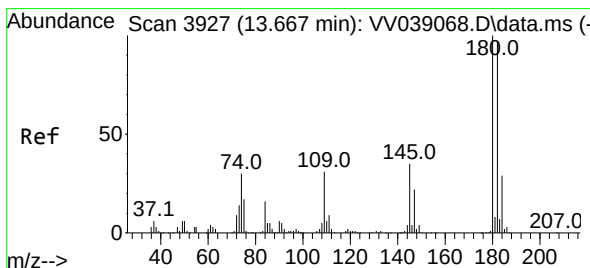
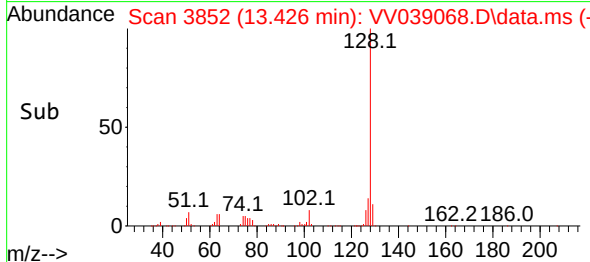
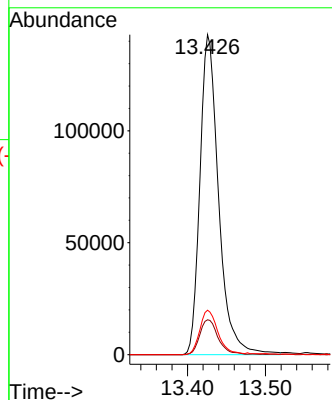
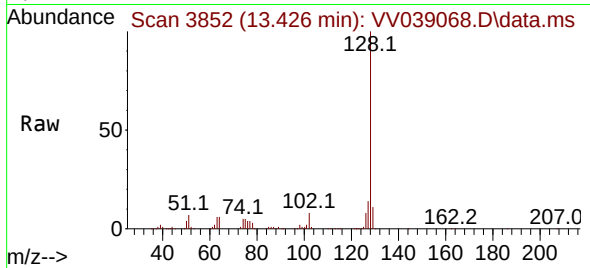




#71
Naphthalene
Concen: 4.282 ug/L
RT: 13.426 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 238100
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.580 ug/L
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039068.D
Acq: 15 Sep 2025 10:18

Tgt Ion:180 Resp: 146981
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 34.3 27.4 41.2

