

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039069.D
 Acq On : 15 Sep 2025 10:42
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

Quant Time: Sep 16 01:37:47 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	410947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	419444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	221135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	352294	10.538	ug/L	0.00
7) Chloroethane-d5	1.545	69	305806	10.478	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	160370	10.335	ug/L	0.00
20) 2-Butanone-d5	3.793	46	541019	120.672	ug/L	-0.01
24) Chloroform-d	4.249	84	682375	10.774	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	286287	10.974	ug/L	0.00
32) Benzene-d6	4.956	84	1305302	11.089	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	386047	11.377	ug/L	0.00
41) Toluene-d8	7.236	98	1218226	11.547	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	143038	11.348	ug/L	0.00
46) 2-Hexanone-d5	8.011	63	498238	126.755	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	269437	10.513	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	380317	10.501	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	448206	9.755	ug/L	99
3) Chloromethane	1.227	50	433289	9.567	ug/L	97
5) Vinyl chloride	1.294	62	473077	9.860	ug/L	98
6) Bromomethane	1.500	94	261401	9.800	ug/L	100
8) Chloroethane	1.561	64	294221	9.804	ug/L	99
9) Trichlorofluoromethane	1.725	101	636066	9.707	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	390625	9.712	ug/L	99
12) 1,1-Dichloroethene	2.079	96	354446	9.690	ug/L	91
13) Acetone	2.130	43	450283	103.321	ug/L	99
14) Carbon disulfide	2.249	76	1204026	10.063	ug/L	99
15) Methyl Acetate	2.387	43	112707	10.256	ug/L	99
16) Methylene chloride	2.455	84	361776	7.039	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	639270	10.154	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	365088	9.898	ug/L	99
19) 1,1-Dichloroethane	3.117	63	666304	9.913	ug/L	97
21) 2-Butanone	3.870	43	601890	122.121	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	381192	10.741	ug/L	98
23) Bromochloromethane	4.149	128	160347	10.106	ug/L	97
25) Chloroform	4.275	83	680291	9.654	ug/L	99
27) 1,2-Dichloroethane	5.040	62	368842	10.354	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	611086	9.391	ug/L	99
30) Cyclohexane	4.583	56	596426	10.682	ug/L	100
31) Carbon tetrachloride	4.735	117	544089	9.662	ug/L	100
33) Benzene	5.008	78	1475487	10.262	ug/L	100
34) Trichloroethene	5.831	95	378599	9.788	ug/L	98
35) Methylcyclohexane	6.046	83	636473	10.719	ug/L	99
37) 1,2-Dichloropropane	6.088	63	372025	10.499	ug/L	100
38) Bromodichloromethane	6.426	83	468137	9.702	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	523073	10.909	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	1590494	112.823	ug/L	98
42) Toluene	7.307	91	1593662	10.591	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	421606	10.421	ug/L	97

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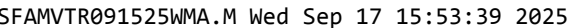
Quant Time: Sep 16 01:37:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
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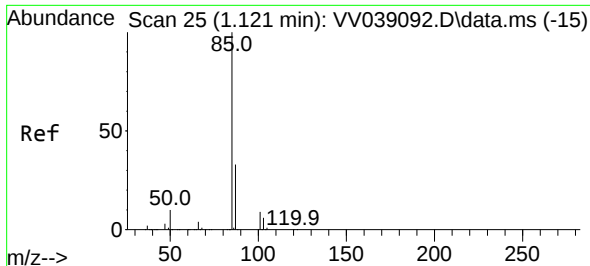
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.760	97	246501	9.704	ug/L	97
47) Tetrachloroethene	7.898	164	295921	9.907	ug/L	98
48) 2-Hexanone	8.062	43	1108638	119.232	ug/L	99
49) Dibromochloromethane	8.165	129	294713	9.680	ug/L	97
50) 1,2-Dibromoethane	8.275	107	227702	9.853	ug/L	99
51) Chlorobenzene	8.802	112	964323	9.825	ug/L	99
52) Ethylbenzene	8.937	91	1688423	10.817	ug/L	97
53) m,p-Xylene	9.062	106	666617	11.012	ug/L	98
54) o-Xylene	9.468	106	619248	11.303	ug/L	99
55) Styrene	9.484	104	1110272	11.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	277990	9.485	ug/L	98
59) Bromoform	9.654	173	155431	9.222	ug/L	99
60) Isopropylbenzene	9.857	105	1674310	10.212	ug/L	99
61) 1,2,3-Trichloropropane	10.197	75	184959	8.592	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	1335813	10.709	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	1318640	10.895	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	760130	9.694	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	776278	9.608	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	680937	9.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.352	75	36826	8.073	ug/L	93
69) 1,3,5-Trichlorobenzene	12.567	180	499414	10.010	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	360783	9.403	ug/L	96
71) Naphthalene	13.426	128	590703	9.941	ug/L	99
72) 1,2,3-Trichlorobenzene	13.667	180	343669	10.021	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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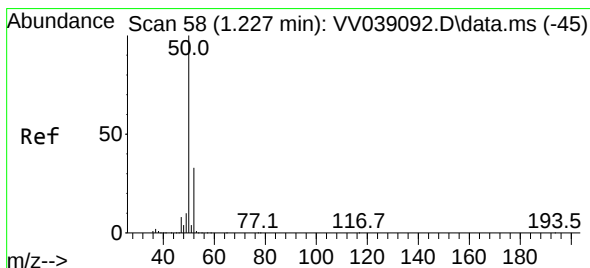
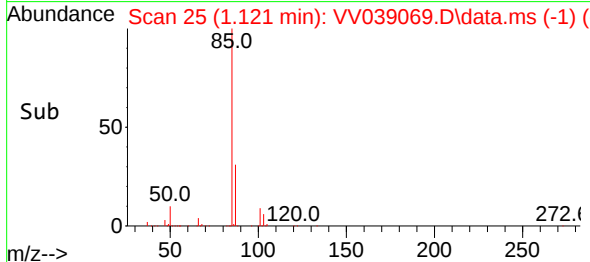
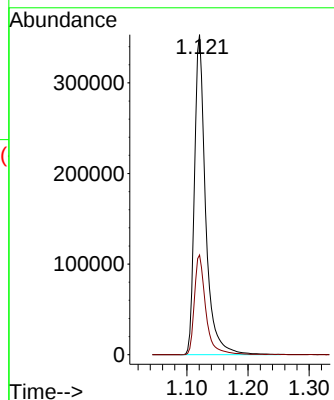
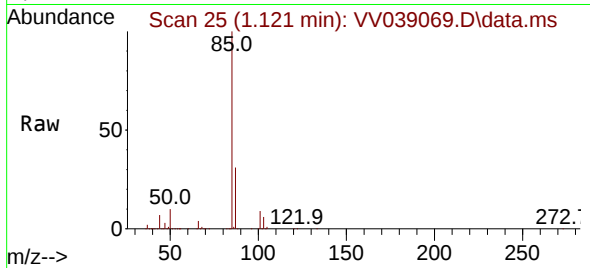




#2
 Dichlorodifluoromethane
 Concen: 9.755 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

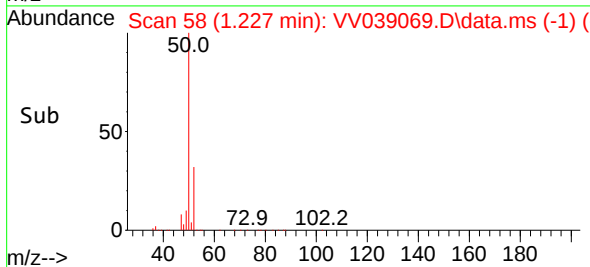
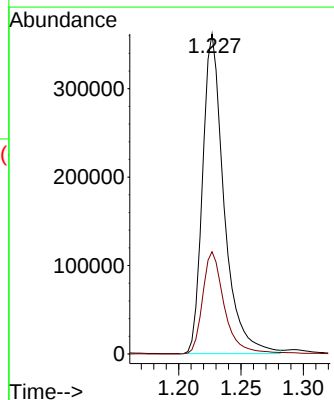
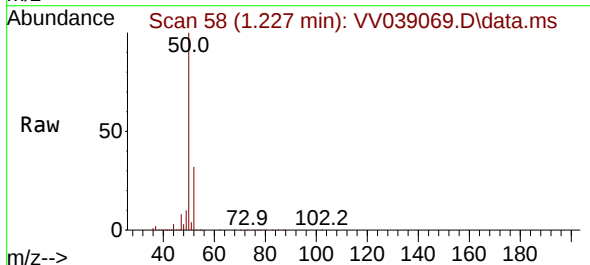
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

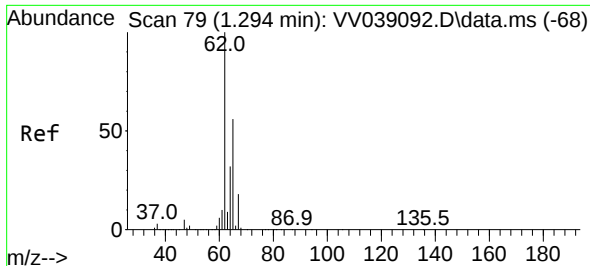
Tgt Ion: 85 Resp: 448206
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.9 38.9



#3
 Chloromethane
 Concen: 9.567 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

Tgt Ion: 50 Resp: 433289
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.4 43.6





#5
 Vinyl chloride
 Concen: 9.860 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

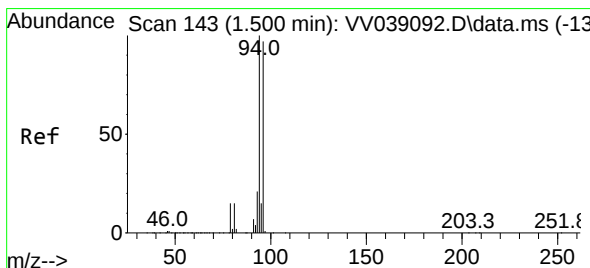
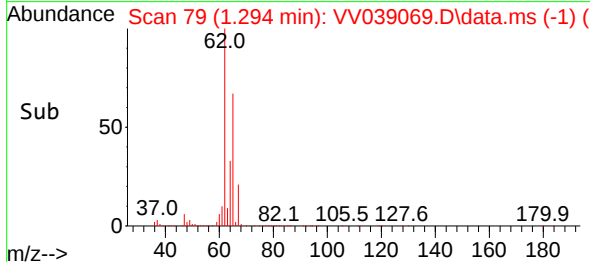
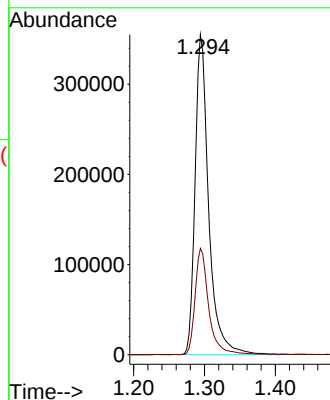
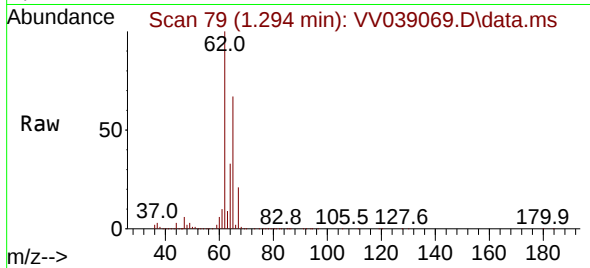
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MSVOA_V

ClientSampleId :

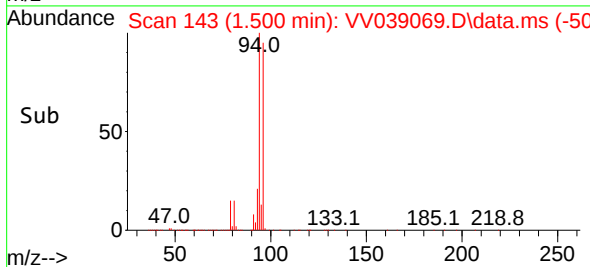
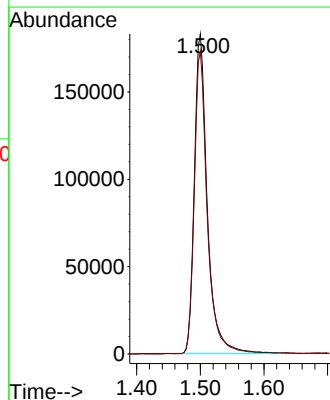
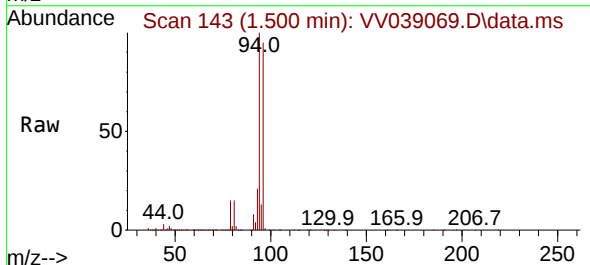
VSTD010256

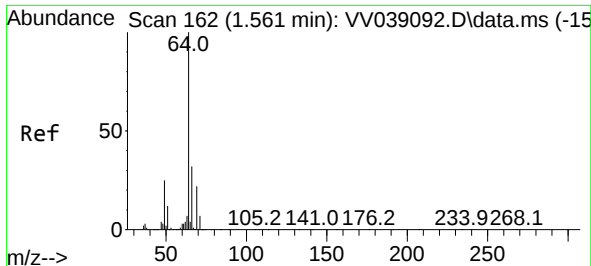
Tgt Ion: 62 Resp: 473077
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.4 41.6



#6
 Bromomethane
 Concen: 9.800 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

Tgt Ion: 94 Resp: 261401
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.9 122.5

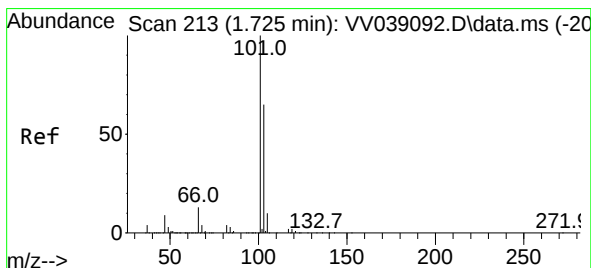
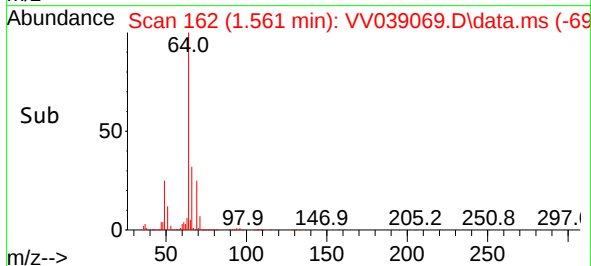
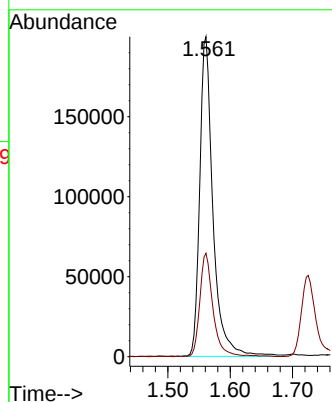
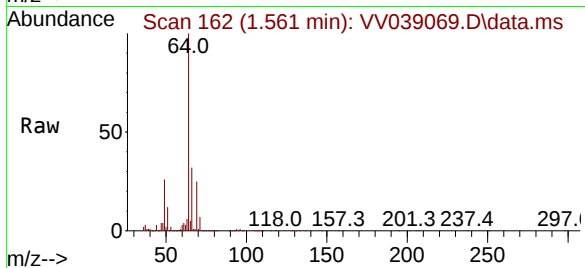




#8
Chloroethane
Concen: 9.804 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

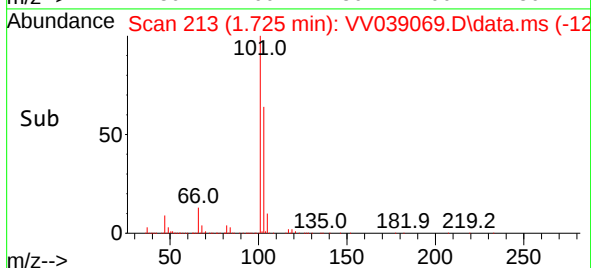
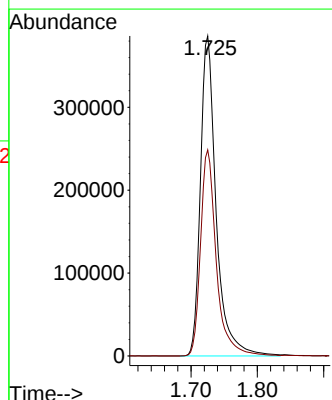
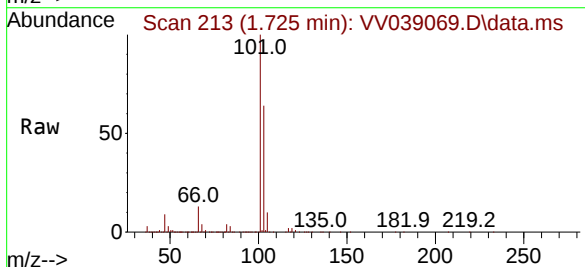
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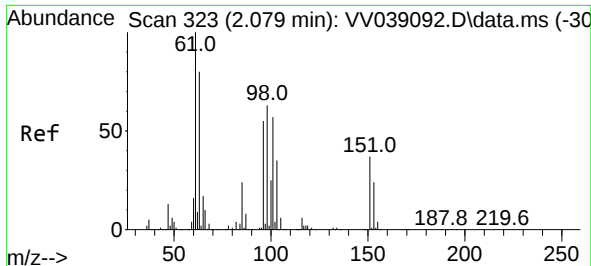
Tgt Ion: 64 Resp: 294221
Ion Ratio Lower Upper
64 100
66 32.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 9.707 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 101 Resp: 636066
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1





#10

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

Concen: 9.712 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

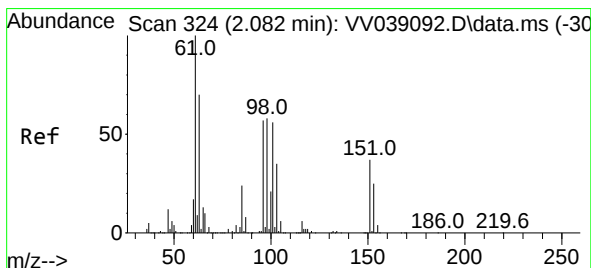
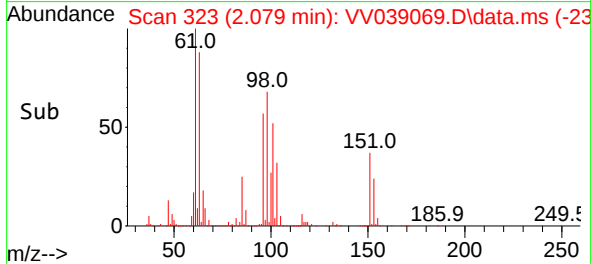
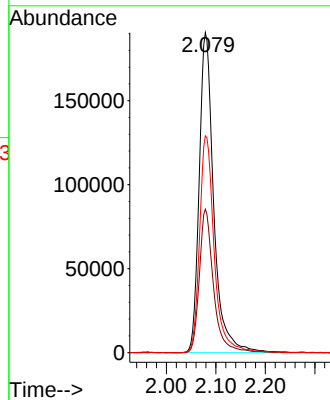
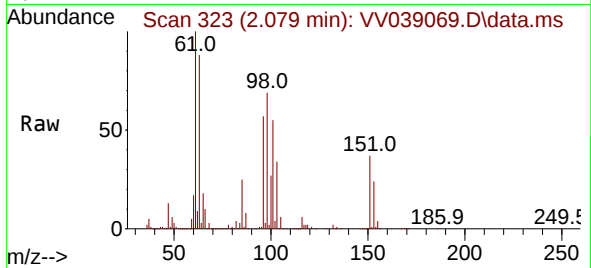
Tgt Ion:101 Resp: 390625

Ion Ratio Lower Upper

101 100

85 43.7 35.4 53.0

151 68.3 55.4 83.0



#12

1,1-Dichloroethene

Concen: 9.690 ug/L

RT: 2.079 min Scan# 323

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

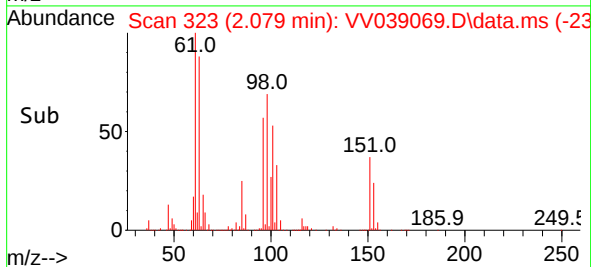
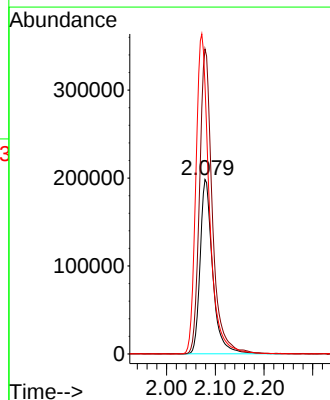
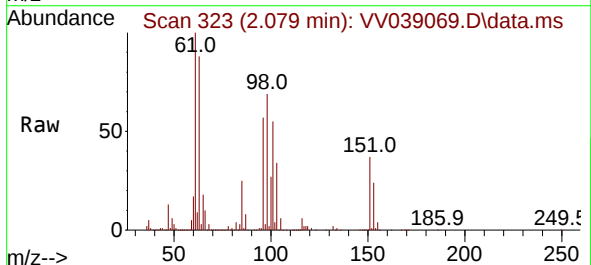
Tgt Ion: 96 Resp: 354446

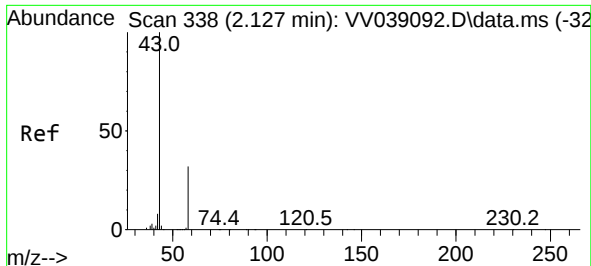
Ion Ratio Lower Upper

96 100

61 174.9 124.7 231.7

63 154.3 93.5 173.7





#13

Acetone

Concen: 103.321 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

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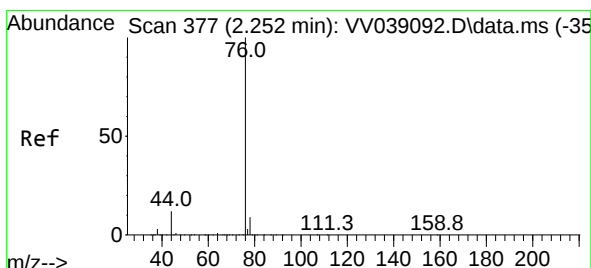
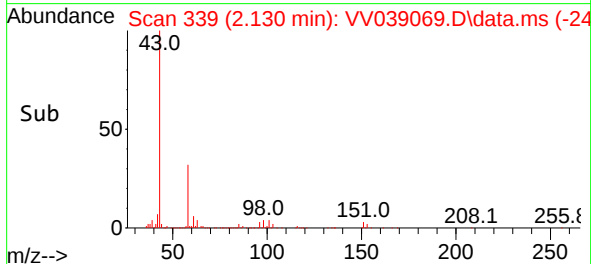
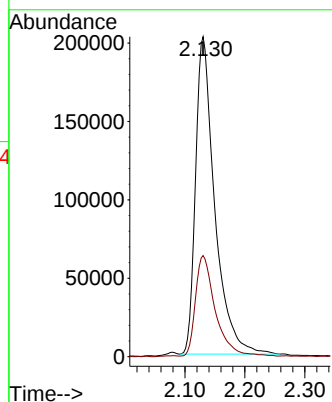
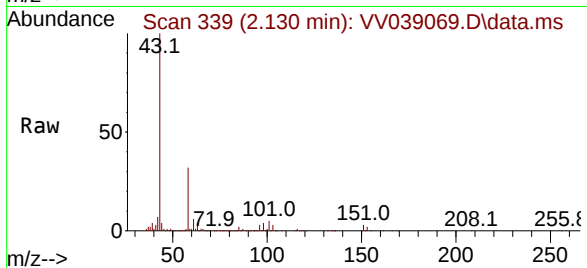
VSTD010256

Tgt Ion: 43 Resp: 450283

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.0



#14

Carbon disulfide

Concen: 10.063 ug/L

RT: 2.249 min Scan# 376

Delta R.T. -0.003 min

Lab File: VV039069.D

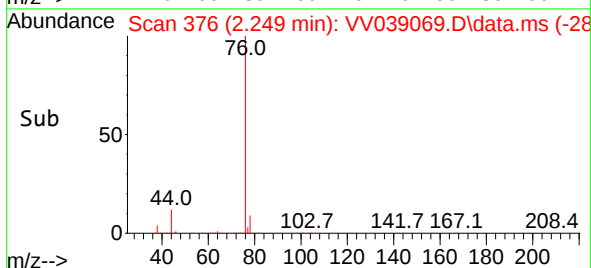
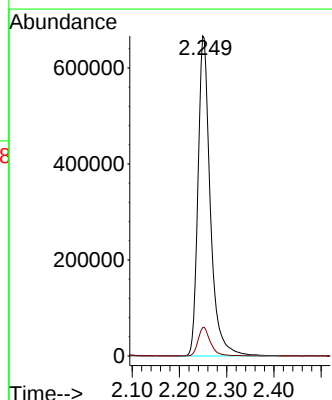
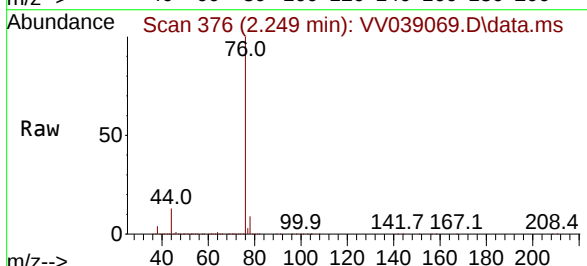
Acq: 15 Sep 2025 10:42

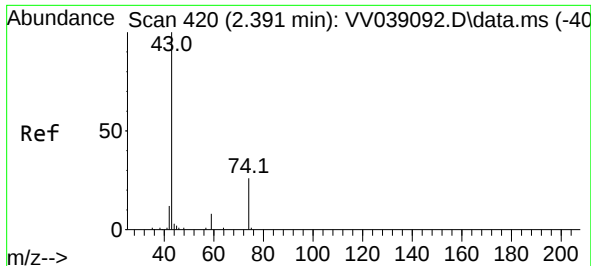
Tgt Ion: 76 Resp: 1204026

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

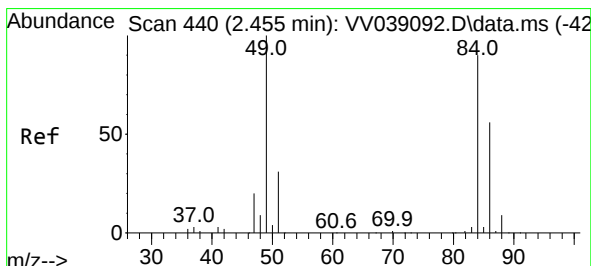
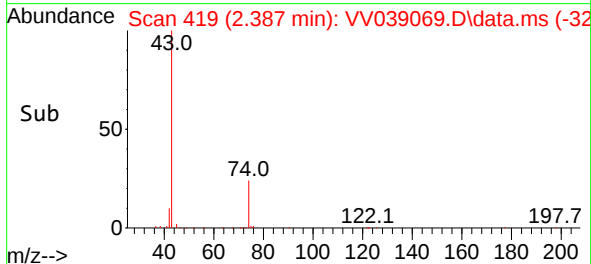
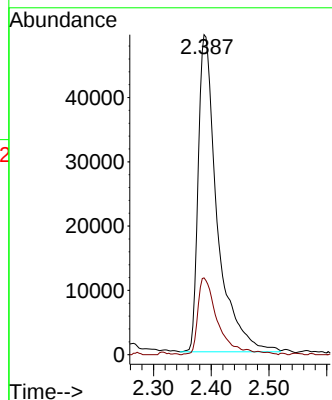
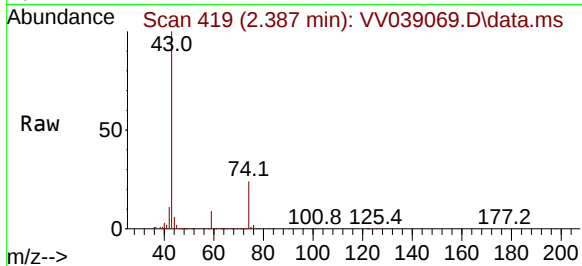




#15
Methyl Acetate
Concen: 10.256 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

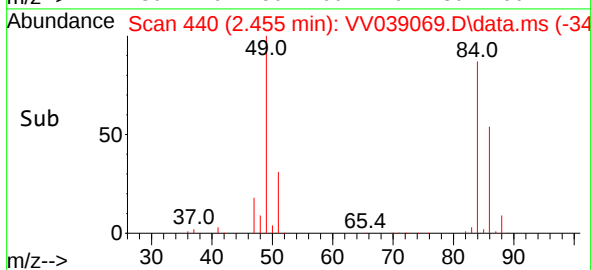
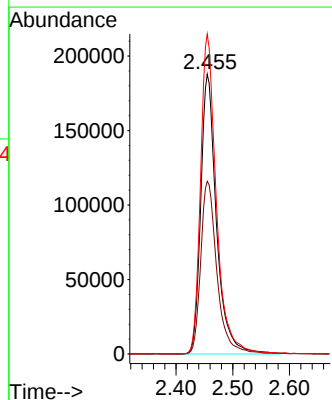
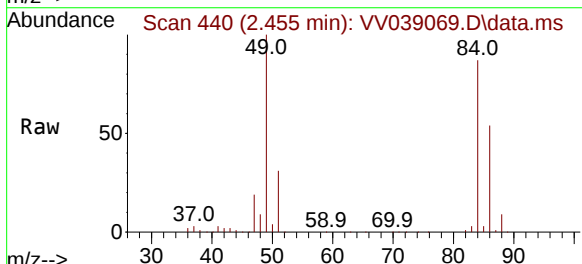
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

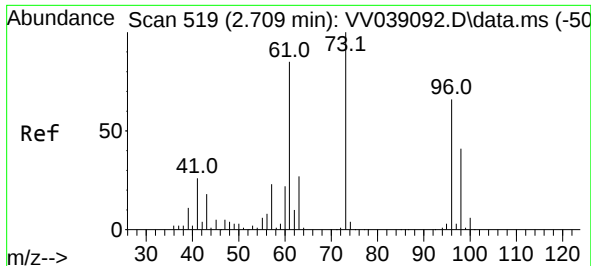
Tgt Ion: 43 Resp: 112707
Ion Ratio Lower Upper
43 100
74 24.1 18.8 28.2



#16
Methylene chloride
Concen: 7.039 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 84 Resp: 361776
Ion Ratio Lower Upper
84 100
86 61.7 44.2 82.2
49 114.4 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 10.154 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

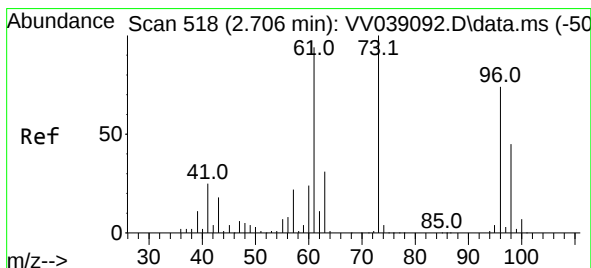
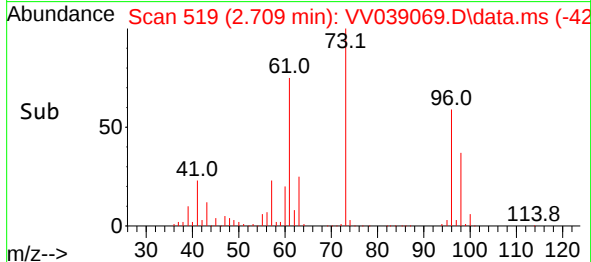
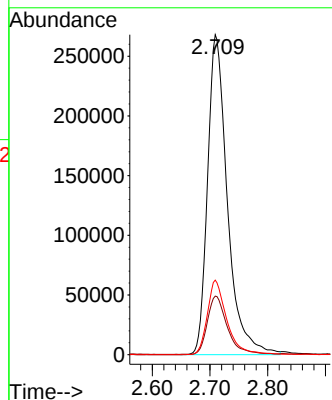
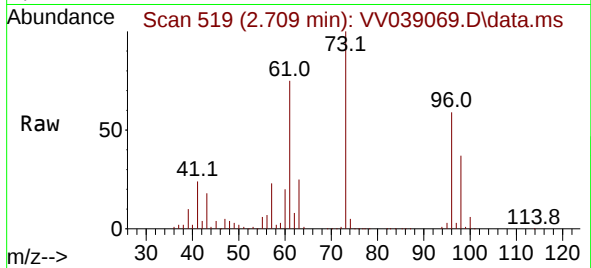
Tgt Ion: 73 Resp: 639270

Ion Ratio Lower Upper

73 100

43 18.1 14.7 22.1

57 22.8 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 9.898 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

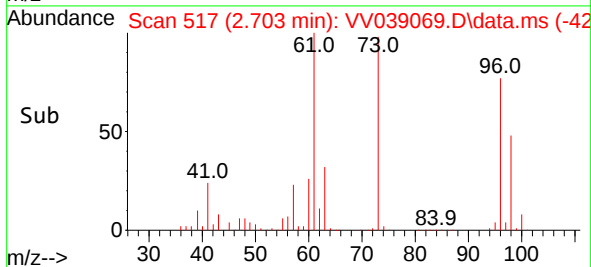
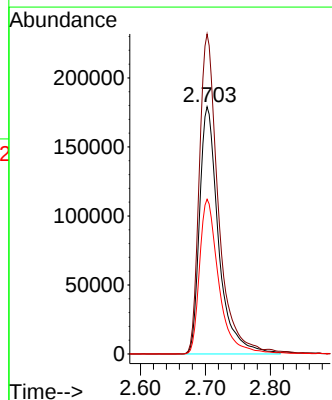
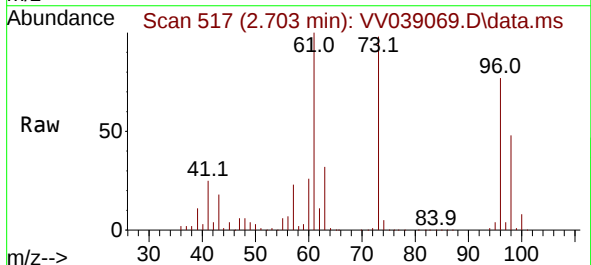
Tgt Ion: 96 Resp: 365088

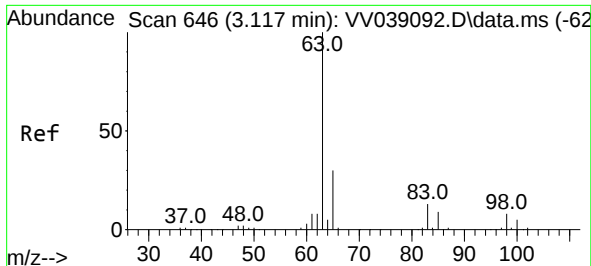
Ion Ratio Lower Upper

96 100

61 129.5 89.7 166.5

98 62.6 44.9 83.3

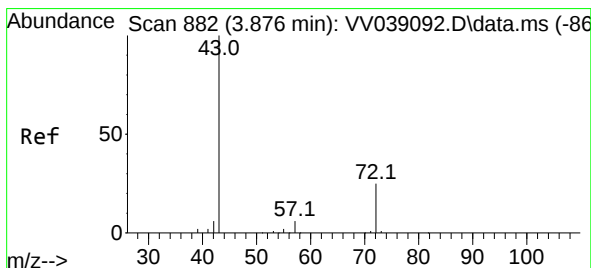
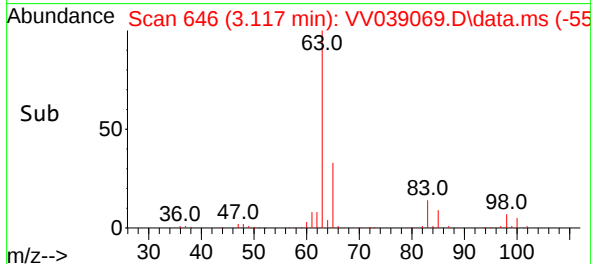
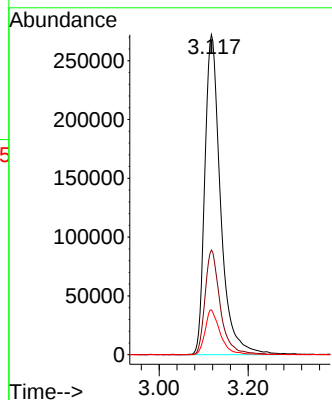
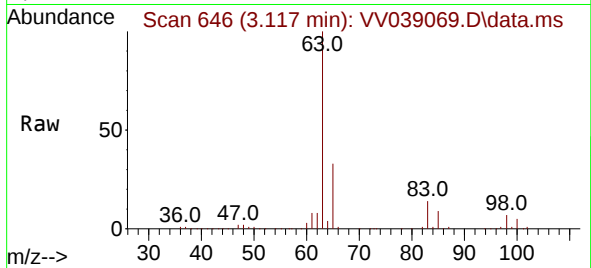




#19
1,1-Dichloroethane
Concen: 9.913 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

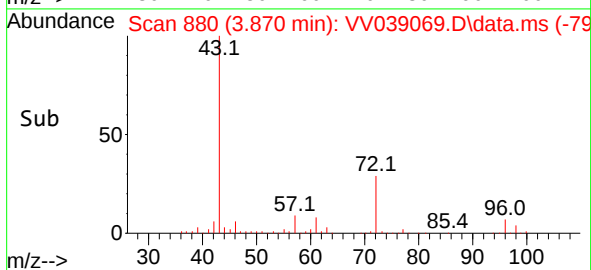
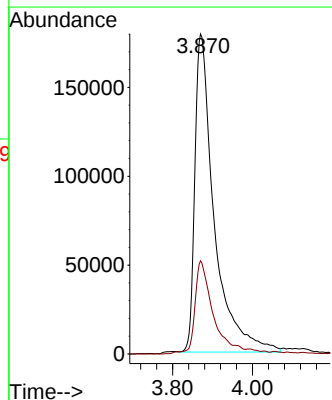
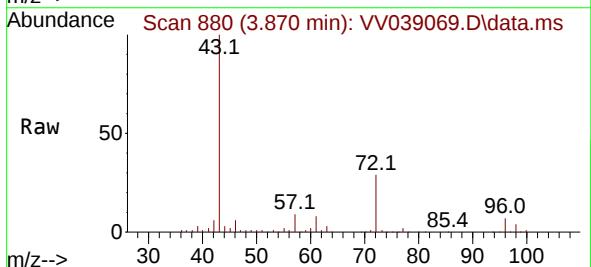
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

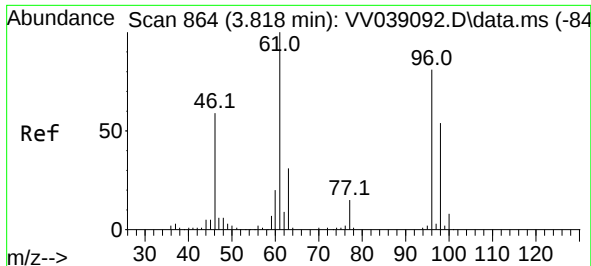
Tgt Ion: 63 Resp: 666304
Ion Ratio Lower Upper
63 100
65 32.7 21.5 39.9
83 14.0 9.2 17.2



#21
2-Butanone
Concen: 122.121 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.019 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 43 Resp: 601890
Ion Ratio Lower Upper
43 100
72 27.3 12.0 36.0





#22

cis-1,2-Dichloroethene

Concen: 10.741 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

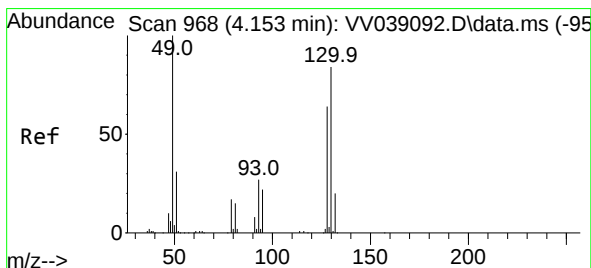
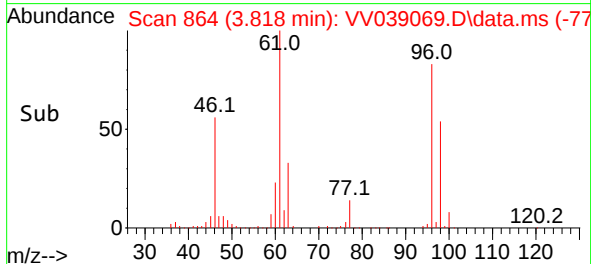
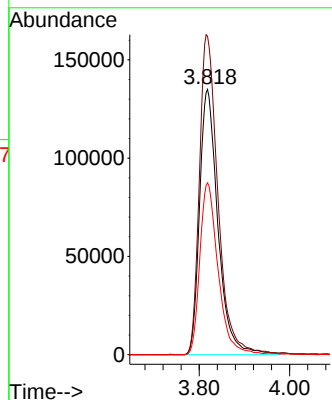
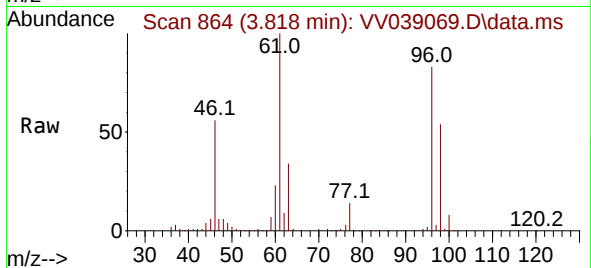
Tgt Ion: 96 Resp: 381192

Ion Ratio Lower Upper

96 100

61 120.0 85.4 158.6

98 64.8 46.6 86.6



#23

Bromochloromethane

Concen: 10.106 ug/L

RT: 4.149 min Scan# 967

Delta R.T. -0.006 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Tgt Ion: 128 Resp: 160347

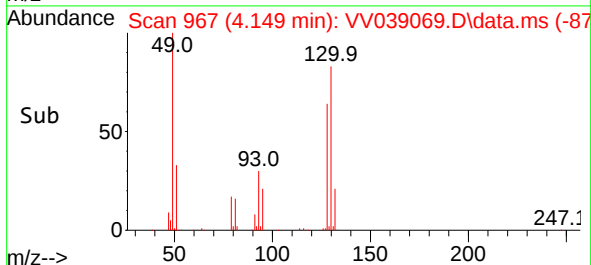
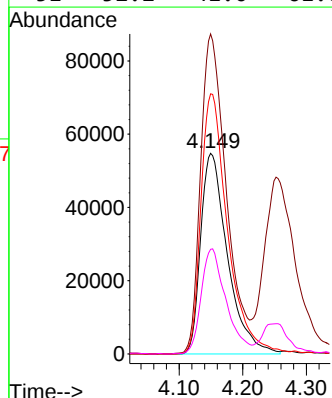
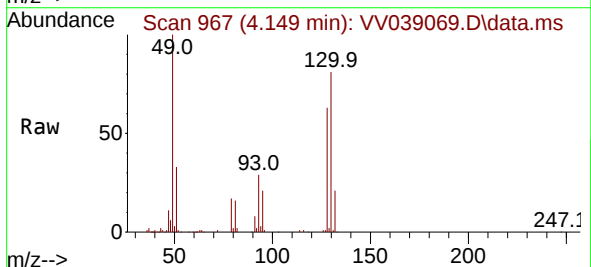
Ion Ratio Lower Upper

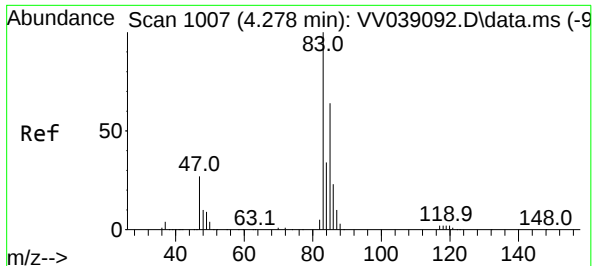
128 100

49 159.4 115.3 214.1

130 129.6 93.2 173.0

51 52.2 41.0 61.6

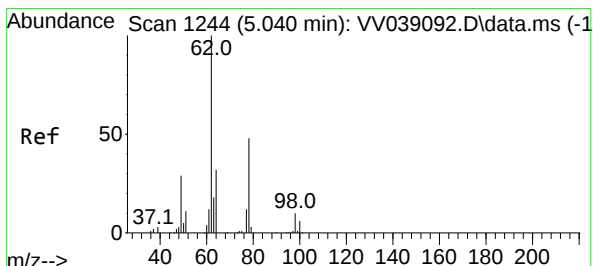
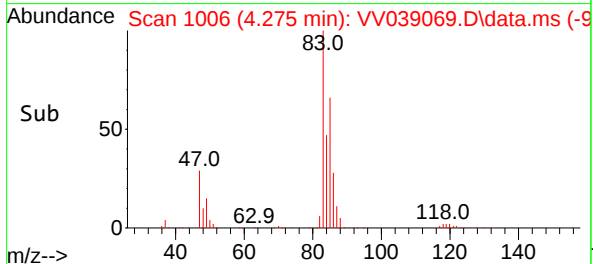
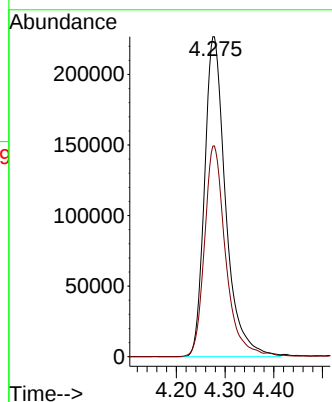
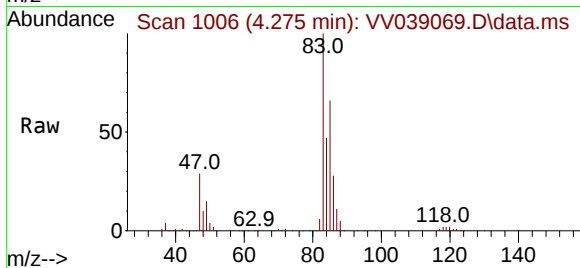




#25
Chloroform
Concen: 9.654 ug/L
RT: 4.275 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

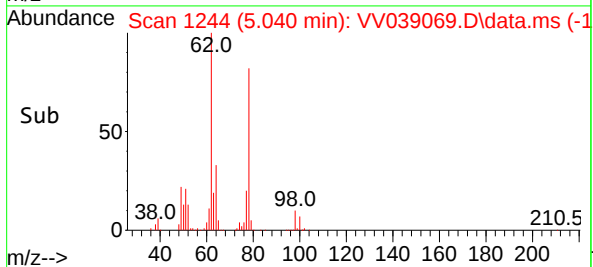
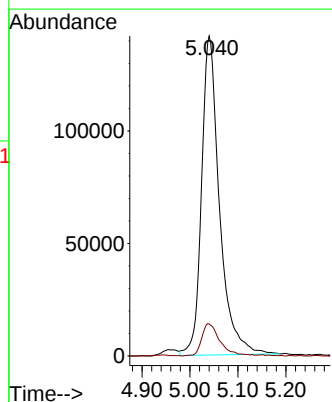
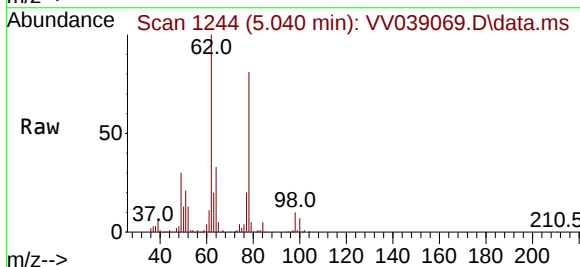
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

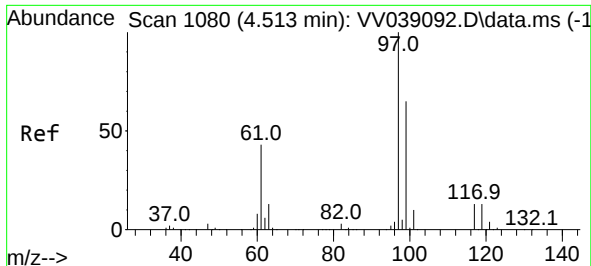
Tgt Ion: 83 Resp: 680291
Ion Ratio Lower Upper
83 100
85 65.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 10.354 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 62 Resp: 368842
Ion Ratio Lower Upper
62 100
98 10.0 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 9.391 ug/L

RT: 4.513 min Scan# 11086

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

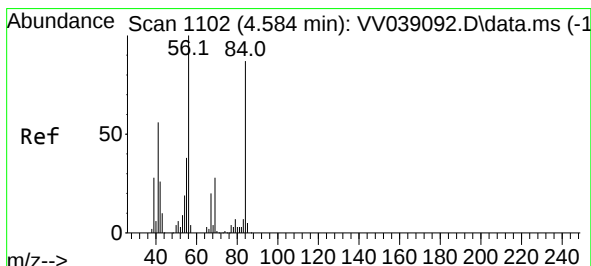
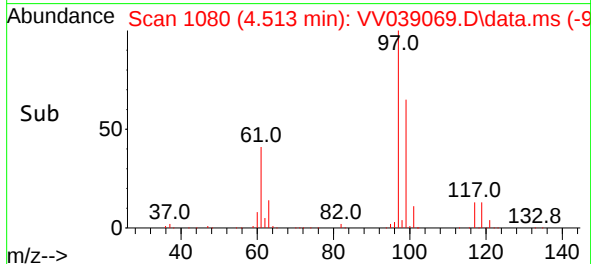
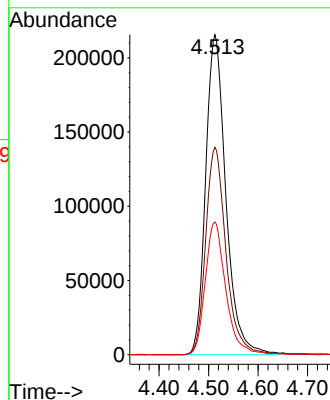
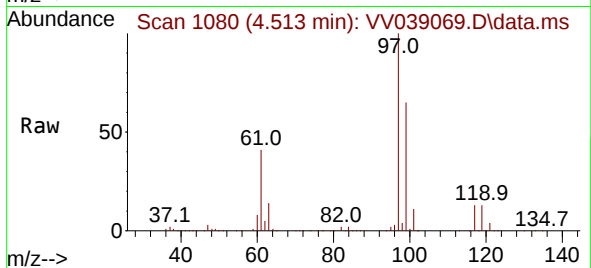
Tgt Ion: 97 Resp: 611086

Ion Ratio Lower Upper

97 100

99 65.0 51.1 76.7

61 42.0 32.9 49.3



#30

Cyclohexane

Concen: 10.682 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

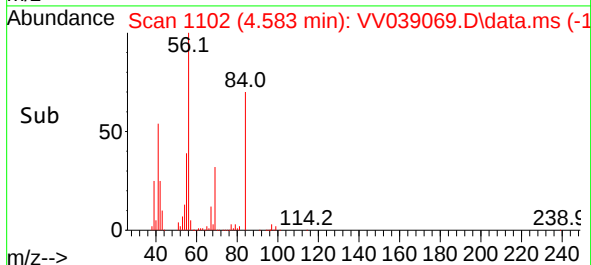
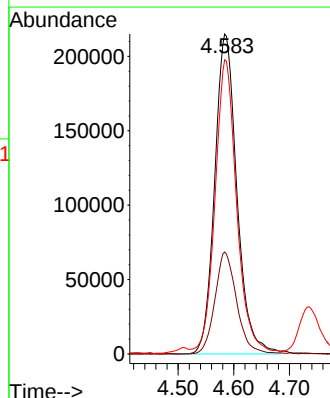
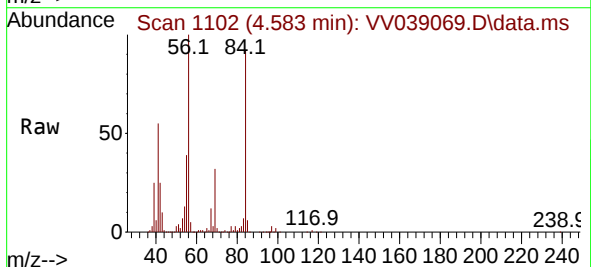
Tgt Ion: 56 Resp: 596426

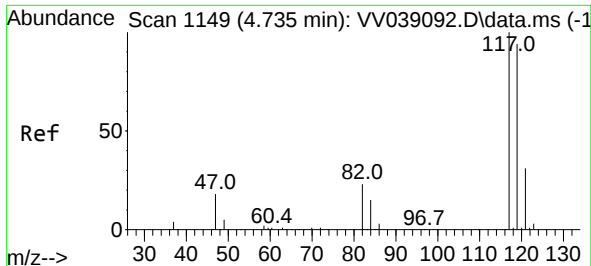
Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.6

84 89.7 71.3 106.9

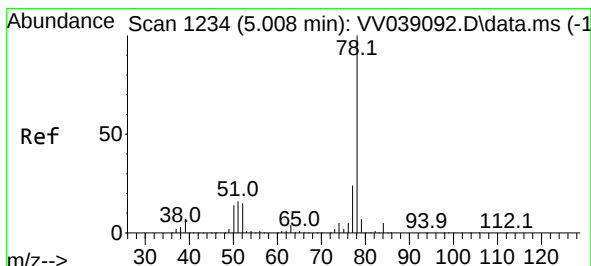
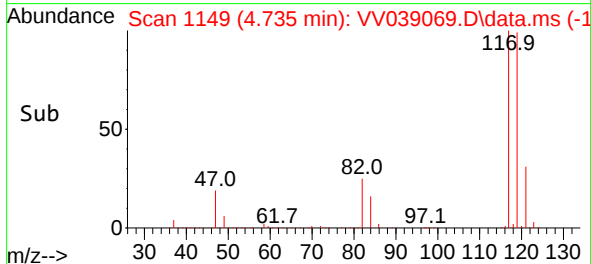
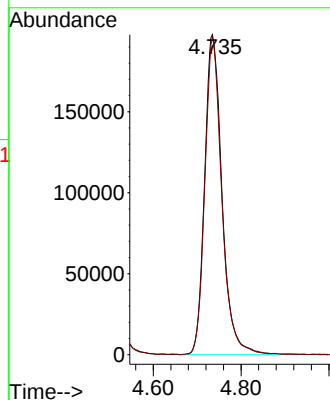
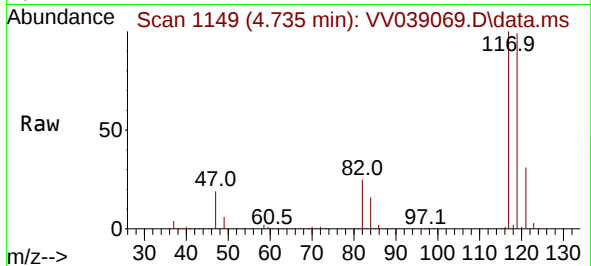




#31
Carbon tetrachloride
Concen: 9.662 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

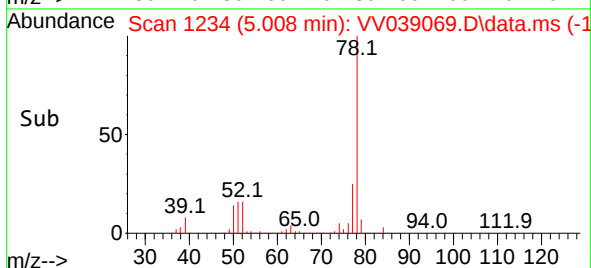
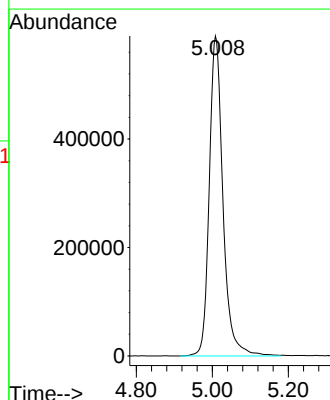
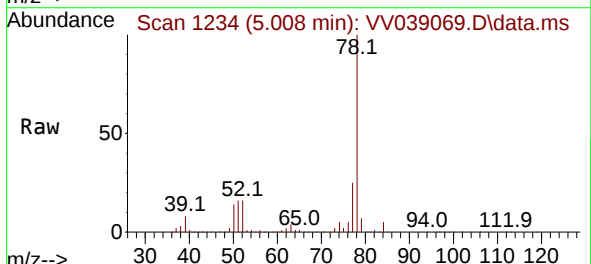
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

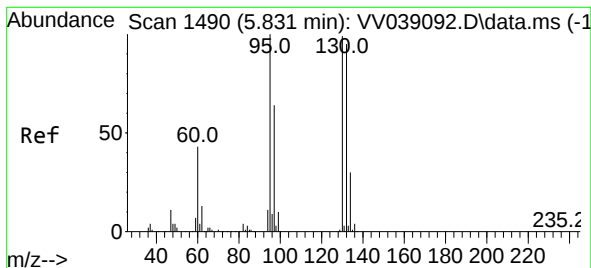
Tgt Ion:117 Resp: 544089
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2



#33
Benzene
Concen: 10.262 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 78 Resp: 1475487





#34

Trichloroethene

Concen: 9.788 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

Tgt Ion: 95 Resp: 378599

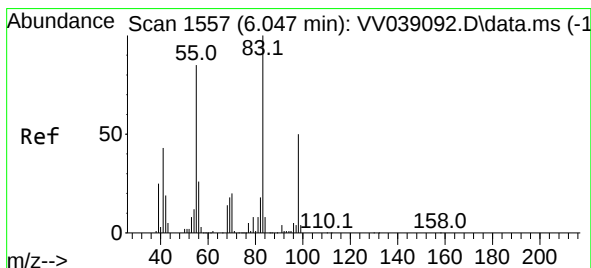
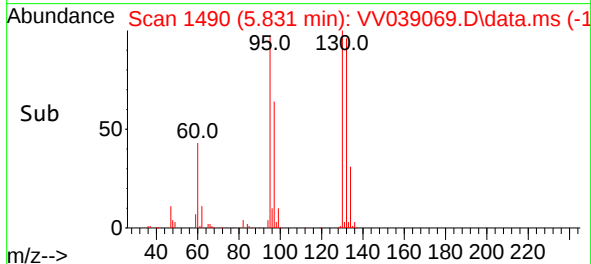
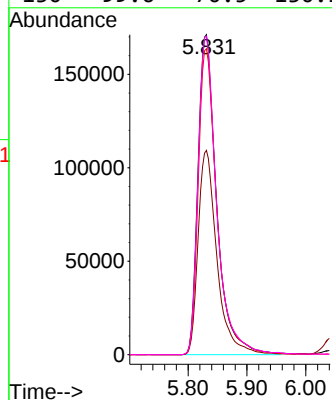
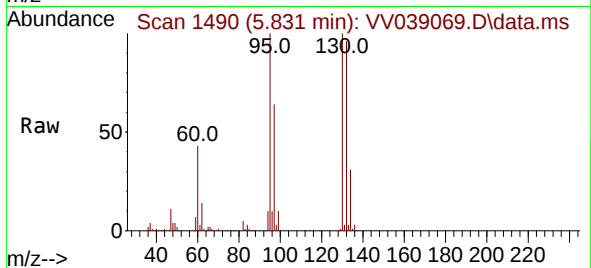
Ion Ratio Lower Upper

95 100

97 63.9 43.3 80.5

132 95.6 65.5 121.7

130 99.6 70.5 130.9



#35

Methylcyclohexane

Concen: 10.719 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

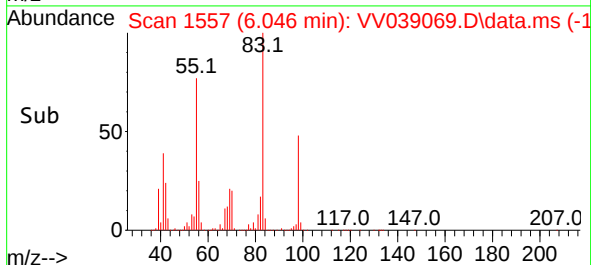
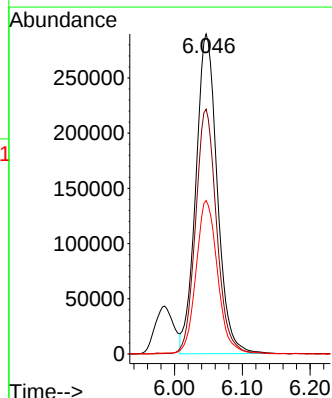
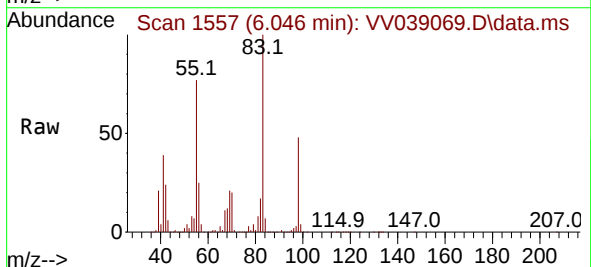
Tgt Ion: 83 Resp: 636473

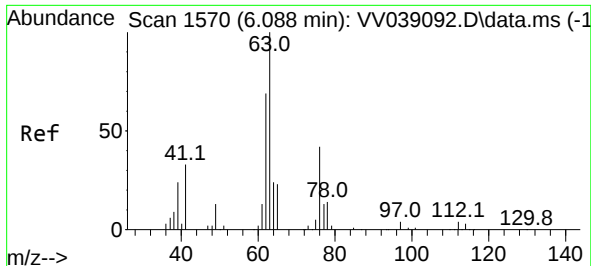
Ion Ratio Lower Upper

83 100

55 75.4 61.4 92.2

98 48.4 38.2 57.4





#37

1,2-Dichloropropane

Concen: 10.499 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

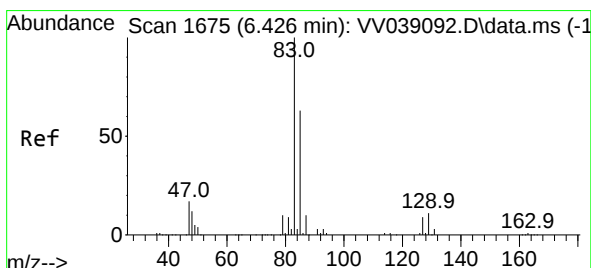
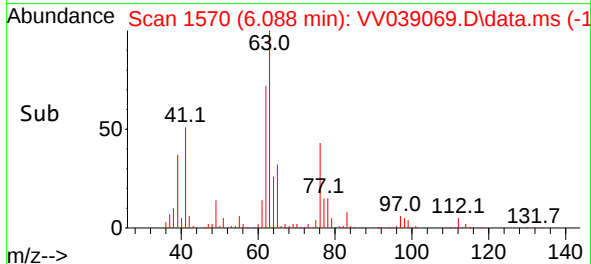
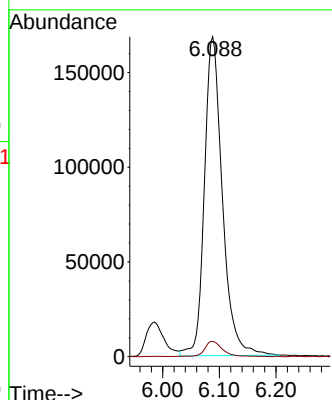
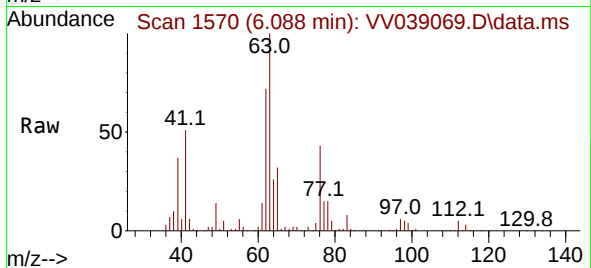
VSTD010256

Tgt Ion: 63 Resp: 372025

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4



#38

Bromodichloromethane

Concen: 9.702 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

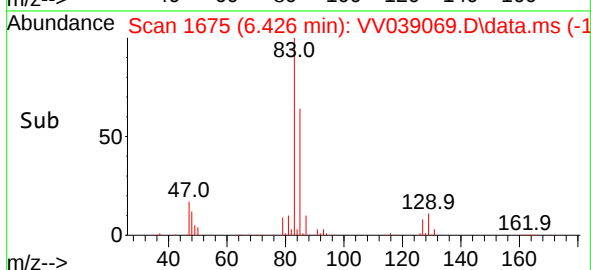
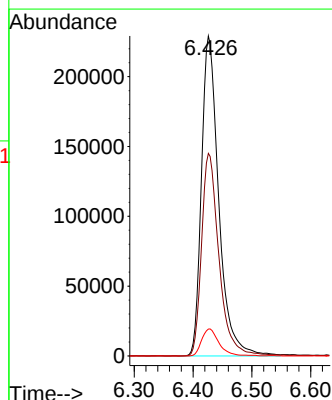
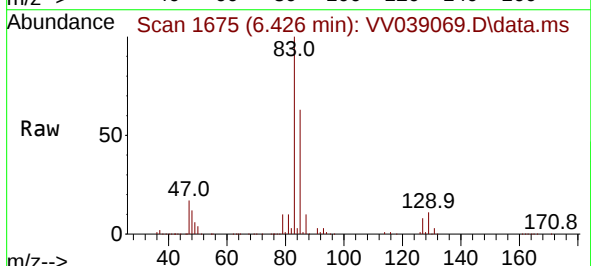
Tgt Ion: 83 Resp: 468137

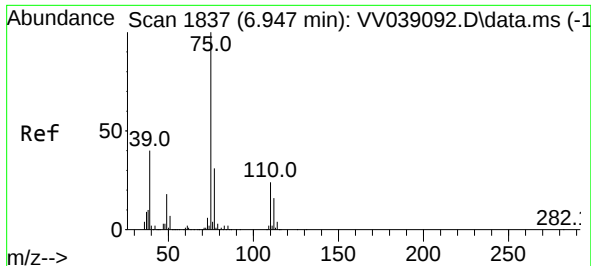
Ion Ratio Lower Upper

83 100

85 63.3 45.8 85.2

127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 10.909 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

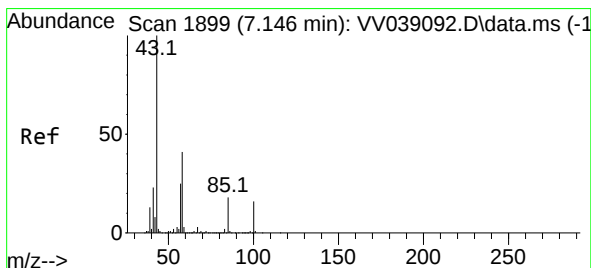
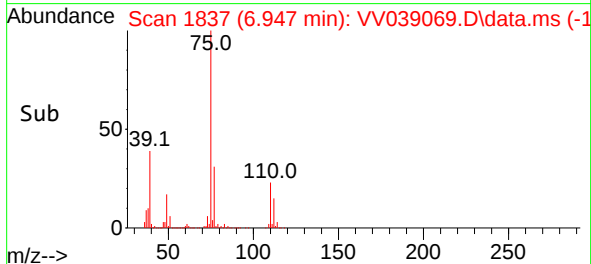
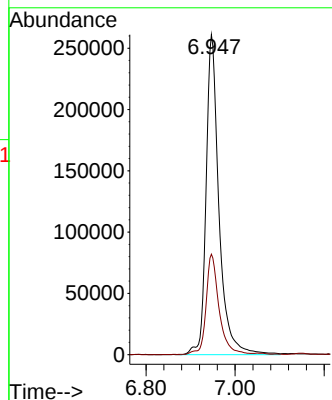
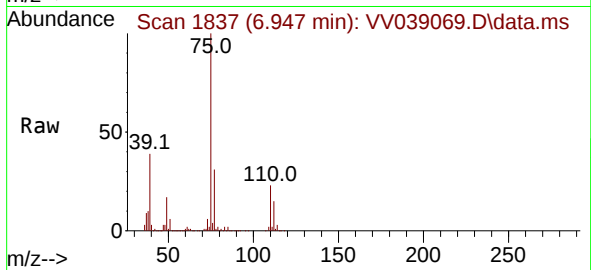
VSTD010256

Tgt Ion: 75 Resp: 523073

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 112.823 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

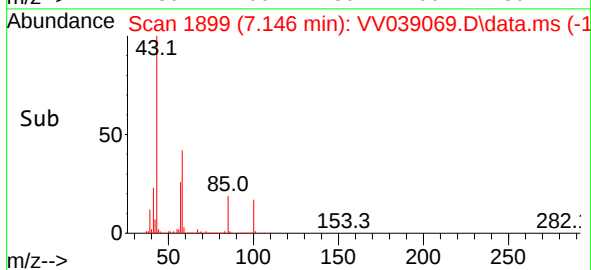
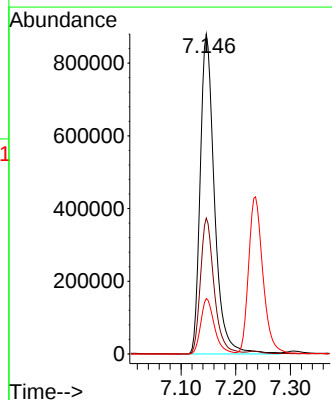
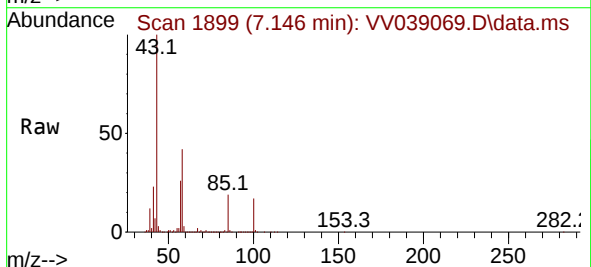
Tgt Ion: 43 Resp: 1590494

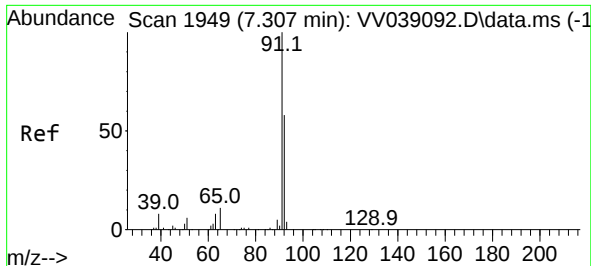
Ion Ratio Lower Upper

43 100

58 40.8 31.7 47.5

100 16.7 13.0 19.4





#42

Toluene

Concen: 10.591 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

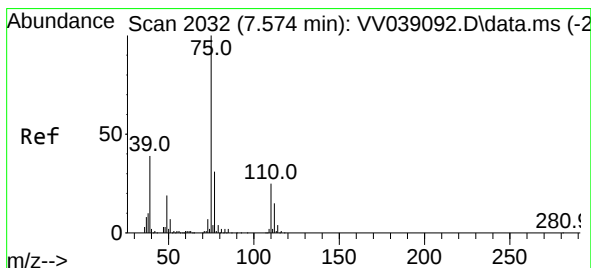
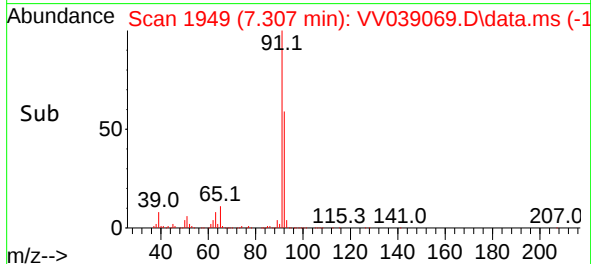
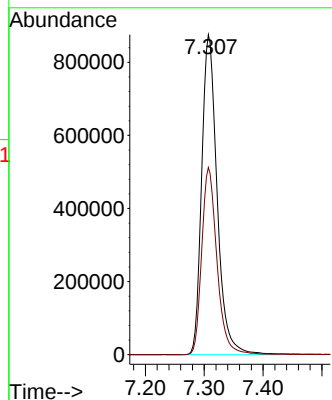
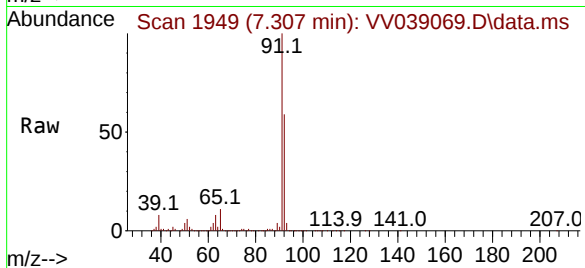
VSTD010256

Tgt Ion: 91 Resp: 1593662

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 10.421 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039069.D

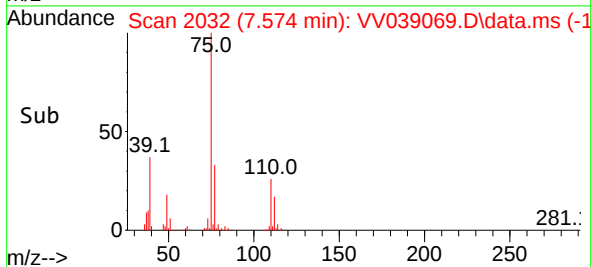
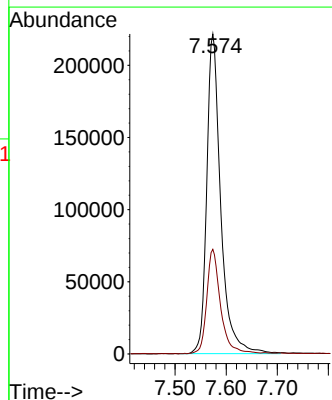
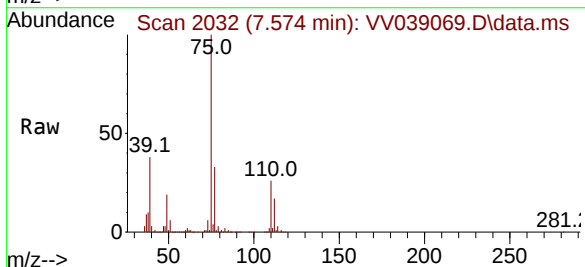
Acq: 15 Sep 2025 10:42

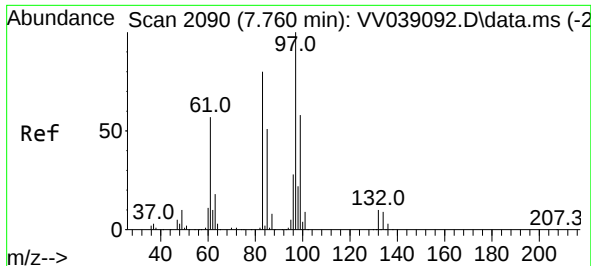
Tgt Ion: 75 Resp: 421606

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7

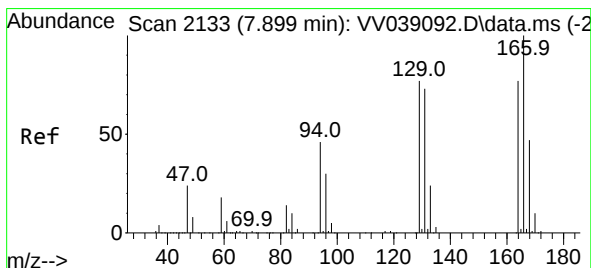
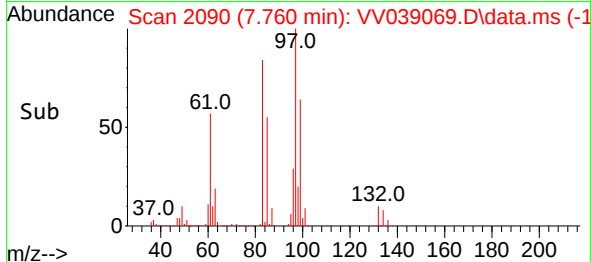
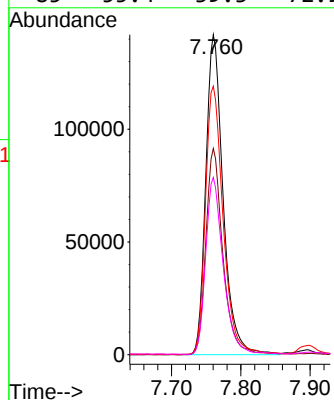
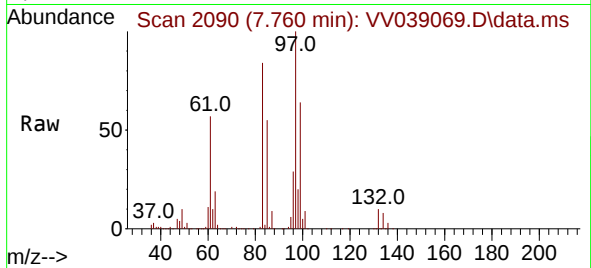




#45
 1,1,2-Trichloroethane
 Concen: 9.704 ug/L
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

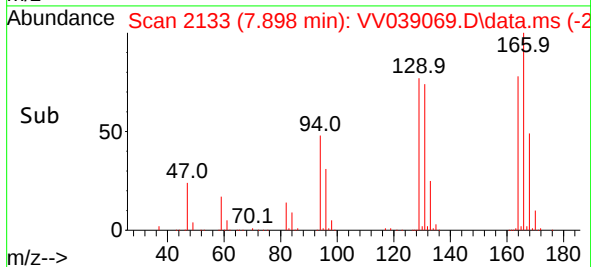
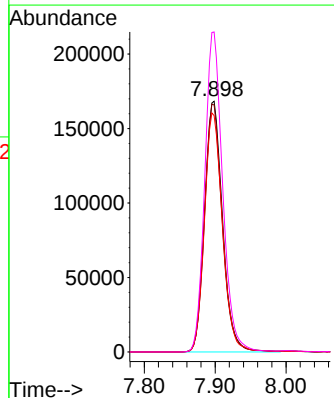
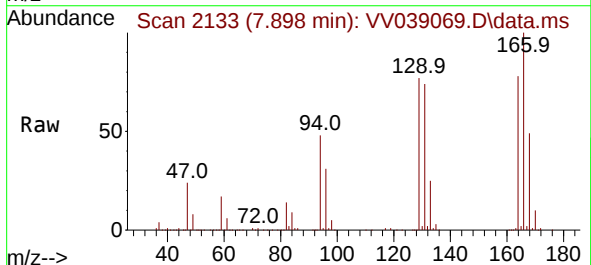
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

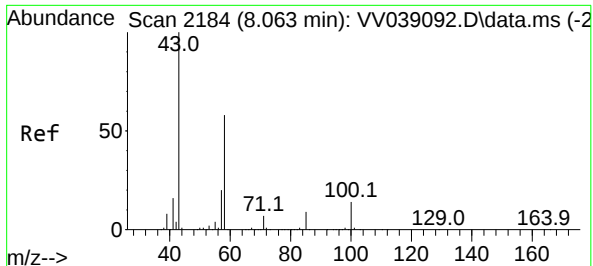
Tgt Ion:	97	Resp:	246501
Ion	Ratio	Lower	Upper
97	100		
99	64.5	43.3	80.3
83	83.9	61.7	114.7
85	55.4	39.3	72.9



#47
 Tetrachloroethene
 Concen: 9.907 ug/L
 RT: 7.898 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

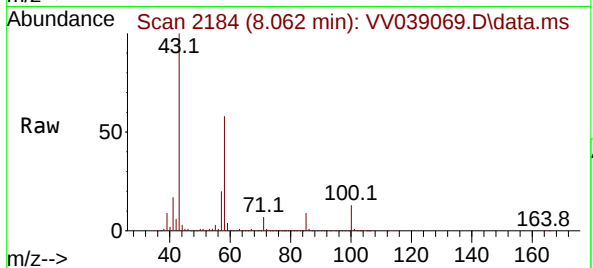
Tgt Ion:	164	Resp:	295921
Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.0	126.4
131	94.3	65.4	121.4
166	127.6	86.7	161.1





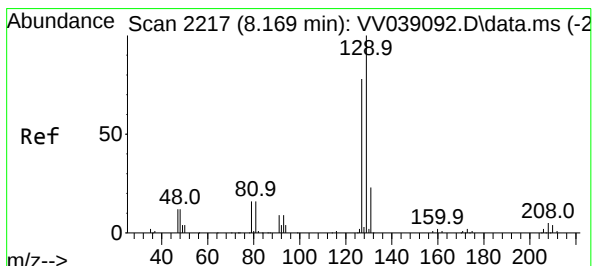
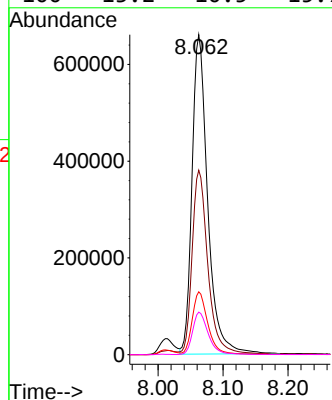
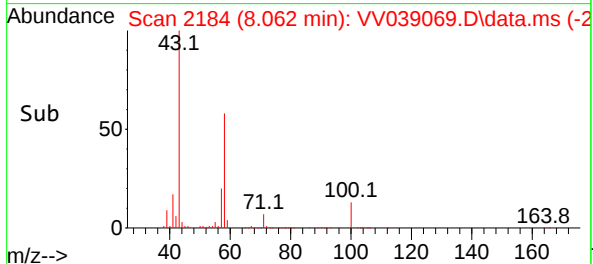
#48
2-Hexanone
Concen: 119.232 ug/L
RT: 8.062 min Scan# 2184
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD010256



Tgt Ion: 43 Resp: 1108638

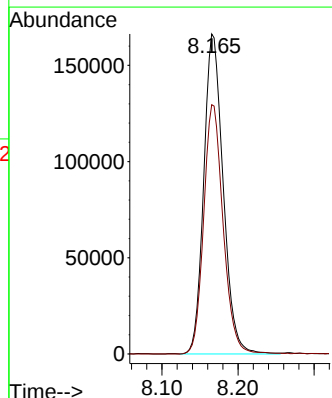
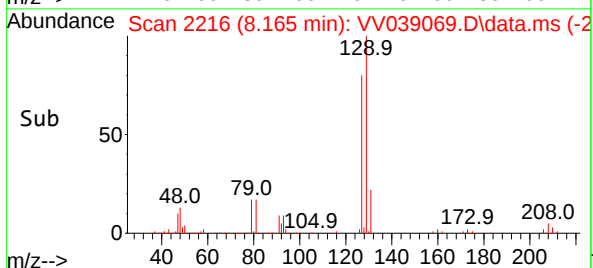
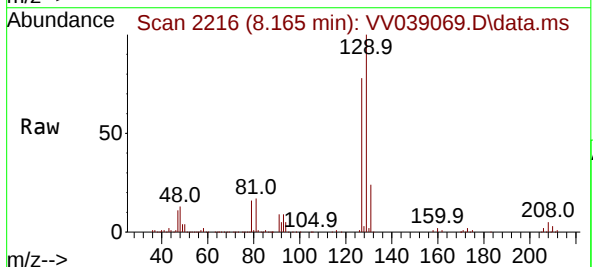
Ion	Ratio	Lower	Upper
43	100		
58	58.0	45.6	68.4
57	19.7	15.6	23.4
100	13.2	10.5	15.7

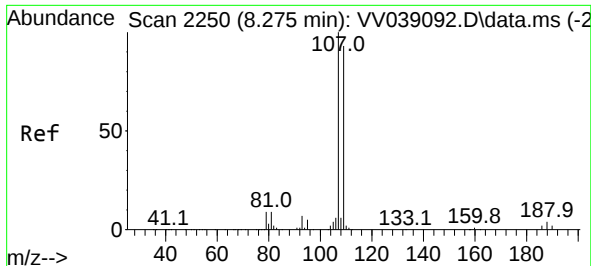


#49
Dibromochloromethane
Concen: 9.680 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 129 Resp: 294713

Ion	Ratio	Lower	Upper
129	100		
127	77.9	56.7	105.3





#50

1,2-Dibromoethane

Concen: 9.853 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

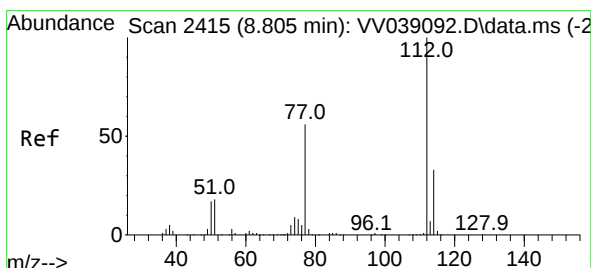
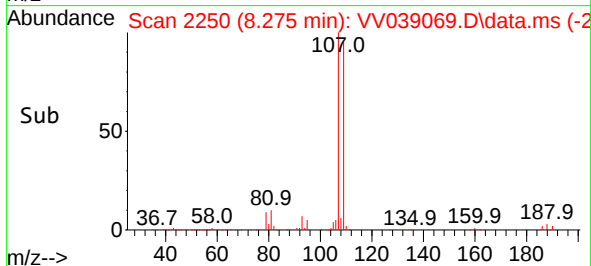
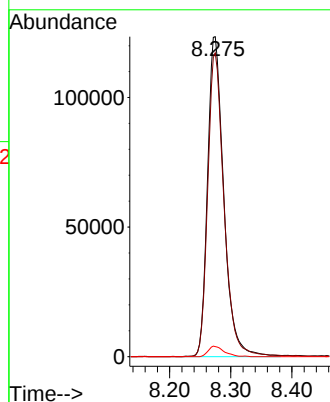
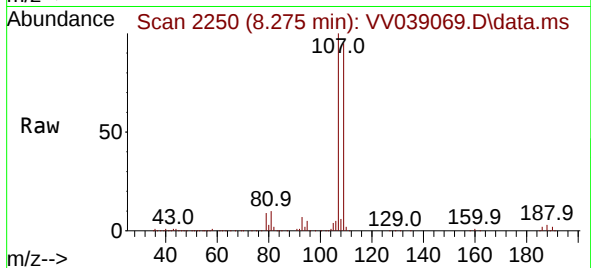
Tgt Ion:107 Resp: 227702

Ion Ratio Lower Upper

107 100

109 95.0 67.1 124.7

188 3.2 2.5 3.7



#51

Chlorobenzene

Concen: 9.825 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

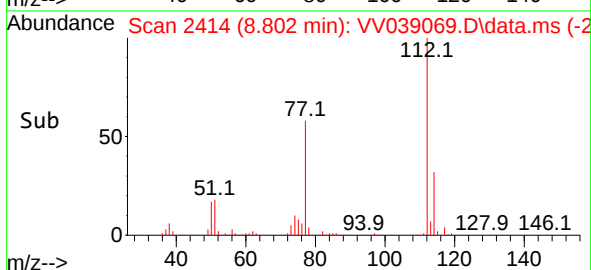
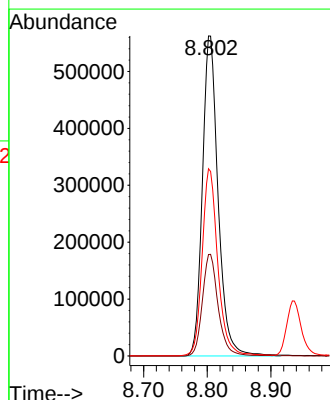
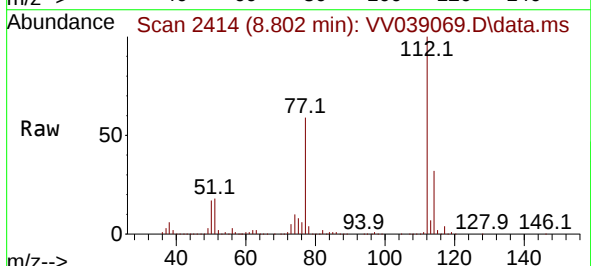
Tgt Ion:112 Resp: 964323

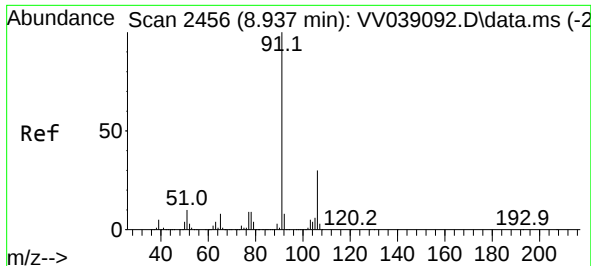
Ion Ratio Lower Upper

112 100

114 31.7 23.0 42.6

77 58.5 46.6 69.8





#52

Ethylbenzene

Concen: 10.817 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

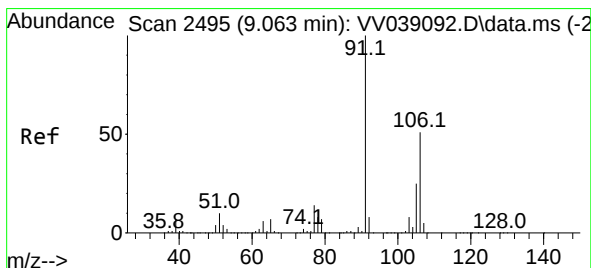
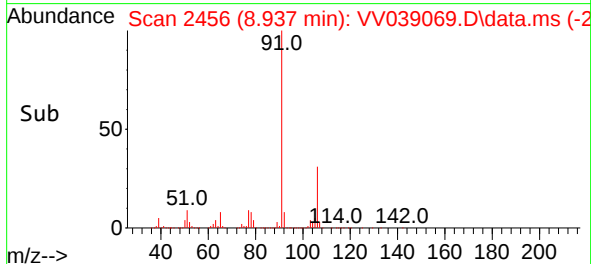
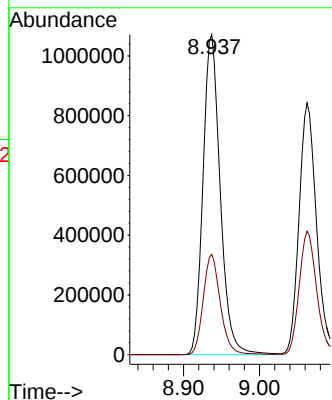
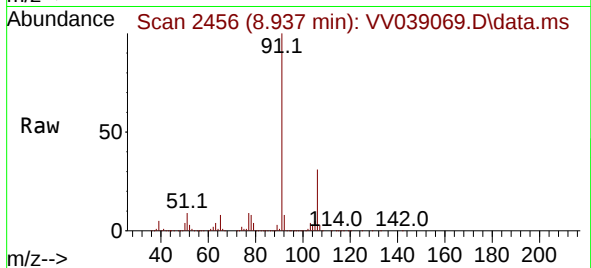
VSTD010256

Tgt Ion: 91 Resp: 1688423

Ion Ratio Lower Upper

91 100

106 31.4 20.8 38.6



#53

m,p-Xylene

Concen: 11.012 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039069.D

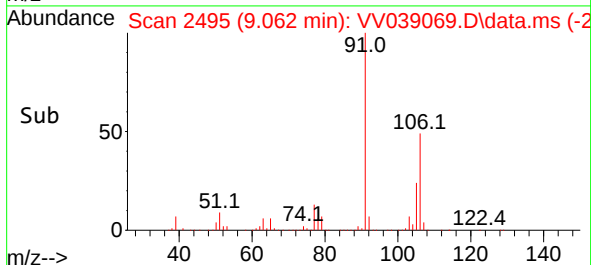
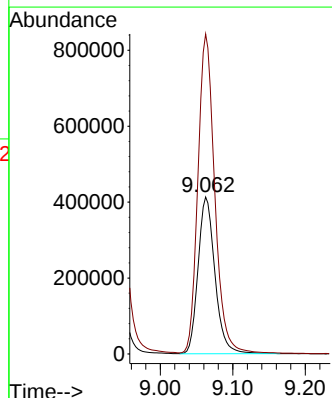
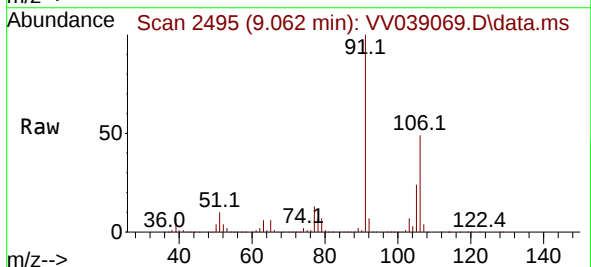
Acq: 15 Sep 2025 10:42

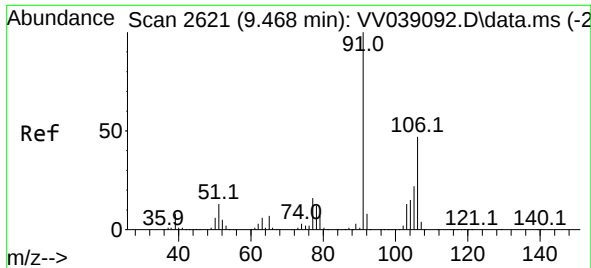
Tgt Ion: 106 Resp: 666617

Ion Ratio Lower Upper

106 100

91 203.9 140.1 260.3

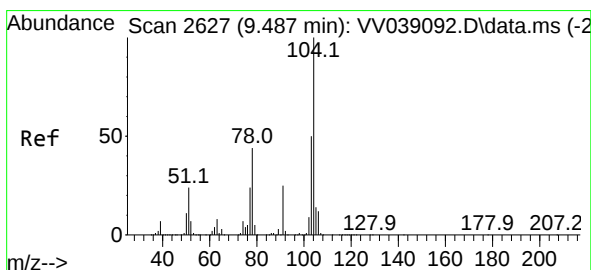
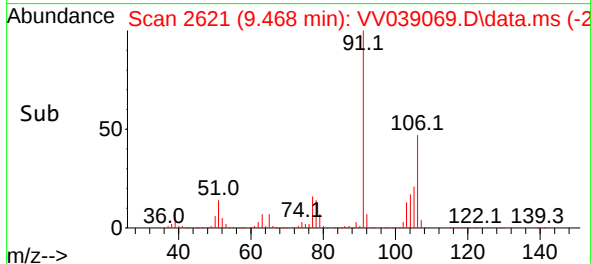
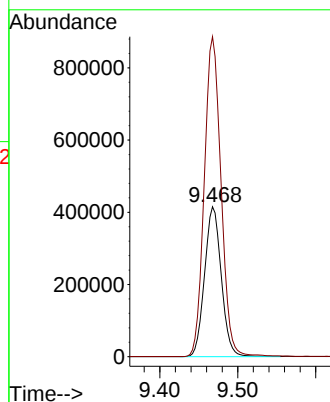
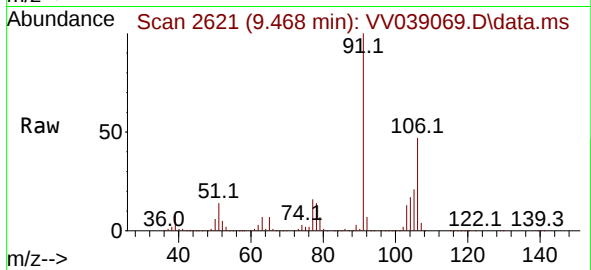




#54
o-Xylene
Concen: 11.303 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

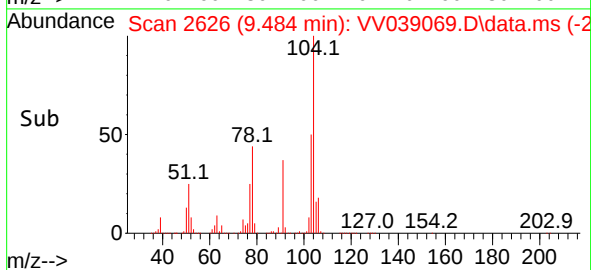
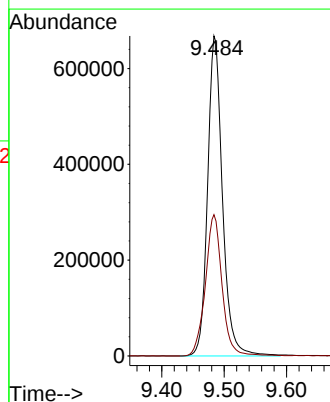
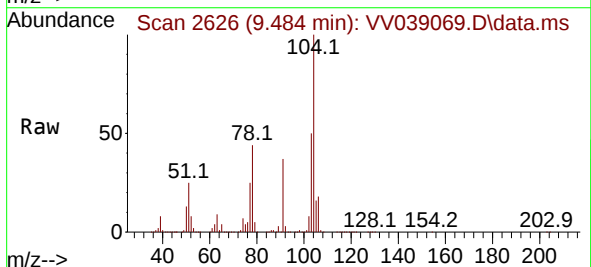
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

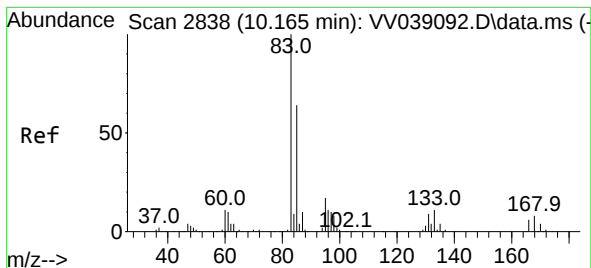
Tgt Ion:106 Resp: 619248
Ion Ratio Lower Upper
106 100
91 213.6 150.7 279.9



#55
Styrene
Concen: 11.642 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion:104 Resp: 1110272
Ion Ratio Lower Upper
104 100
78 44.2 29.9 55.5

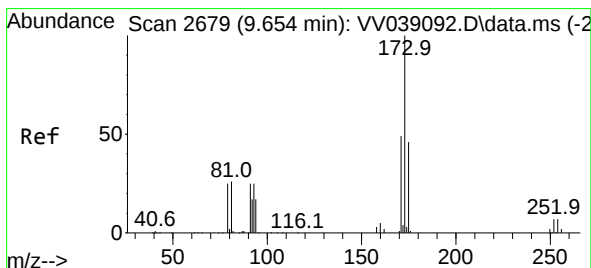
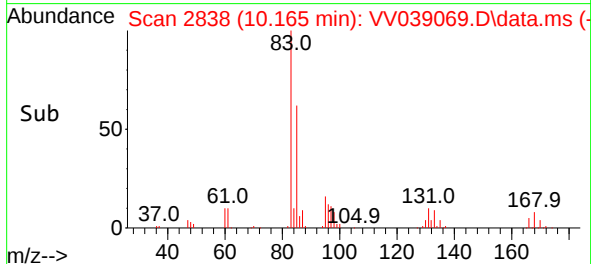
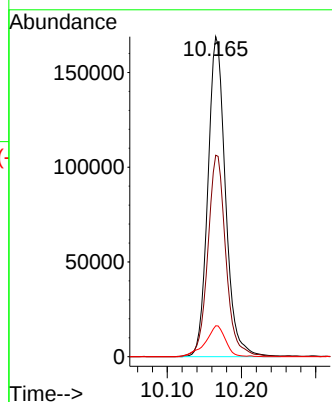
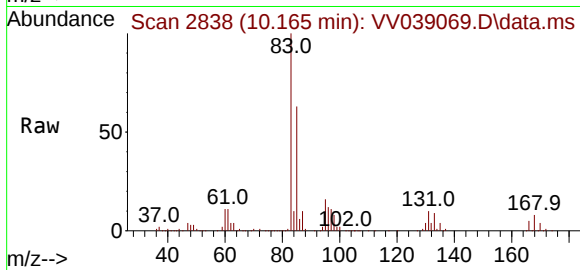




#57
1,1,2,2-Tetrachloroethane
Concen: 9.485 ug/L
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

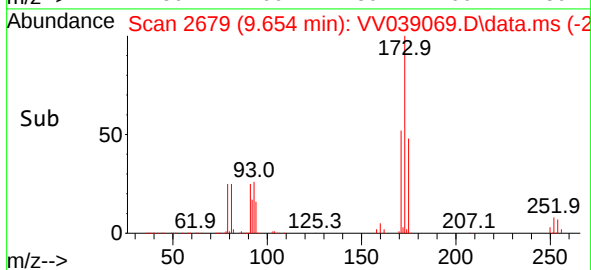
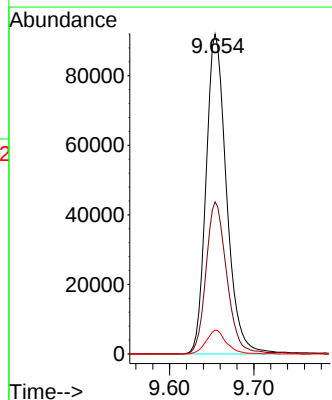
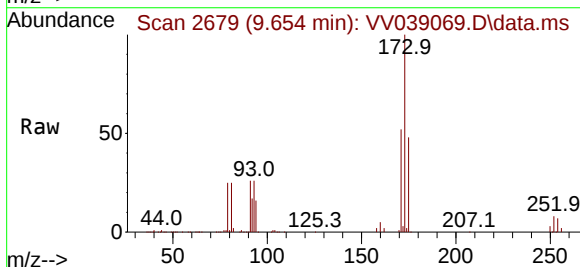
Instrument : MSVOA_V
ClientSampleId : VSTD010256

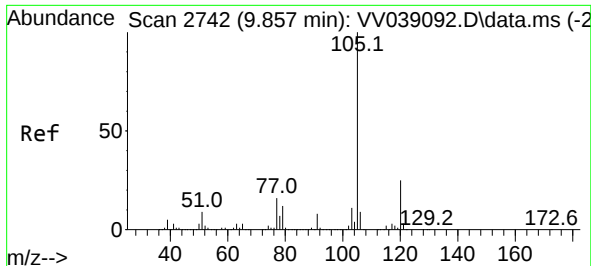
Tgt Ion: 83 Resp: 277990
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.4
131 9.7 7.2 10.8



#59
Bromoform
Concen: 9.222 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 173 Resp: 155431
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 7.4 6.8 10.2

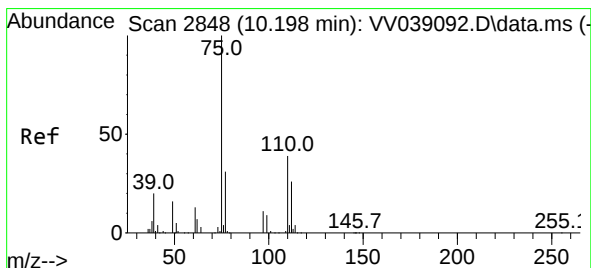
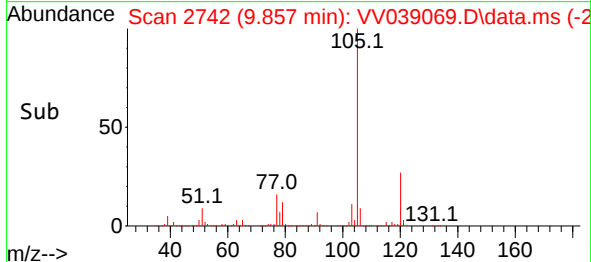
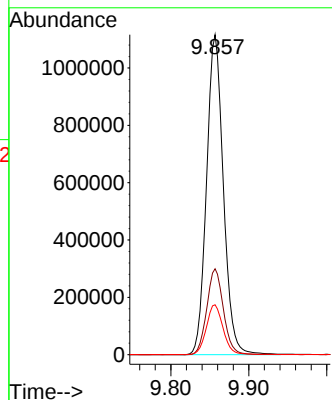
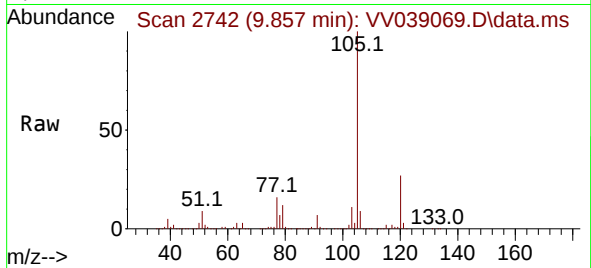




#60
Isopropylbenzene
Concen: 10.212 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

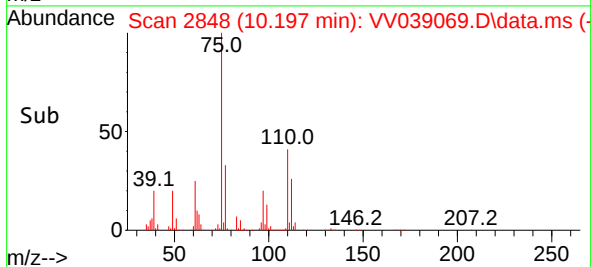
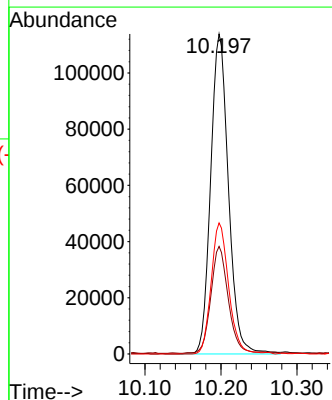
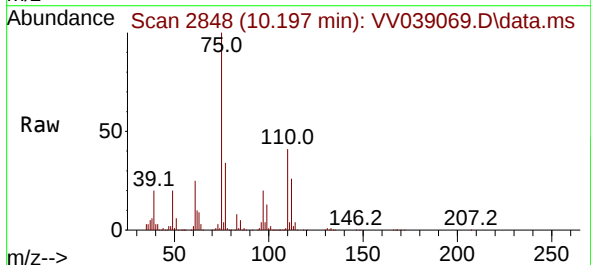
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

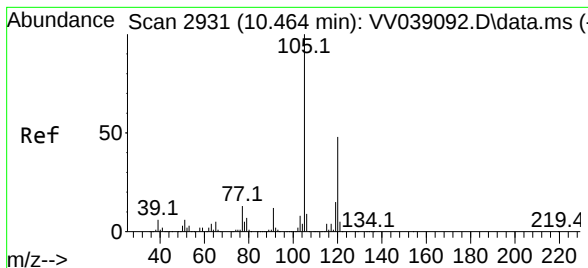
Tgt Ion:105 Resp: 1674310
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 8.592 ug/L
RT: 10.197 min Scan# 2848
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 75 Resp: 184959
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7
110 40.2 31.0 46.4

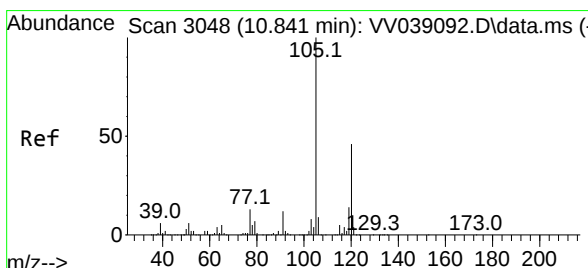
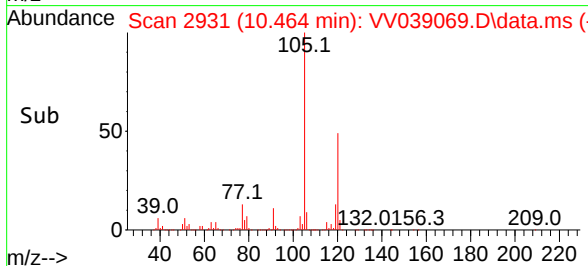
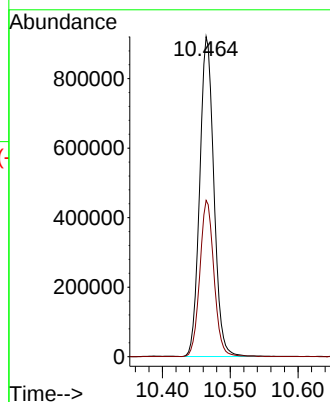
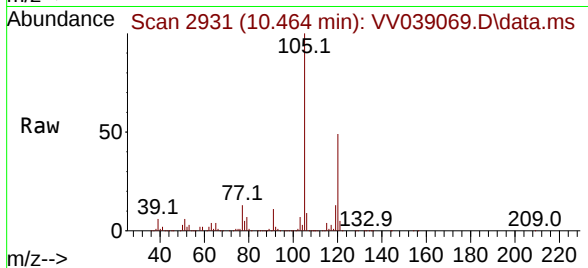




#62
 1,3,5-Trimethylbenzene
 Concen: 10.709 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

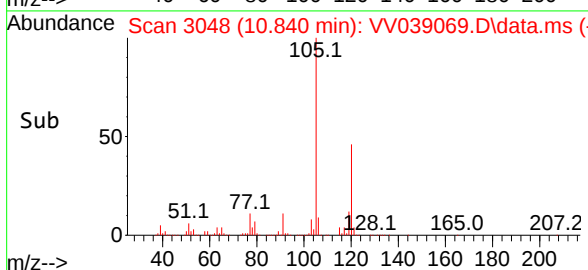
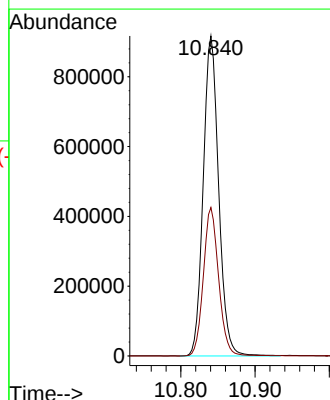
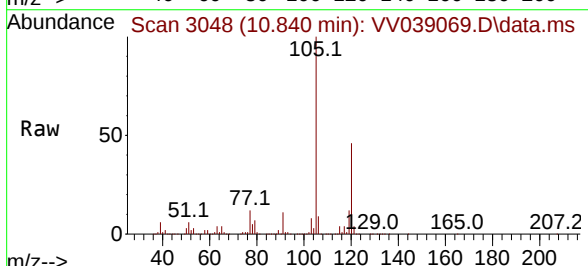
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

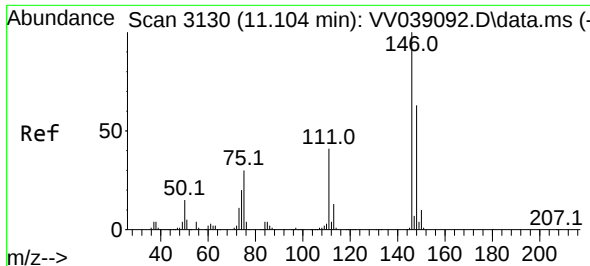
Tgt Ion:105 Resp: 1335813
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 10.895 ug/L
 RT: 10.840 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

Tgt Ion:105 Resp: 1318640
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.6 54.8

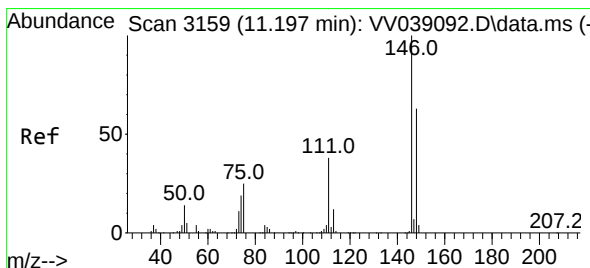
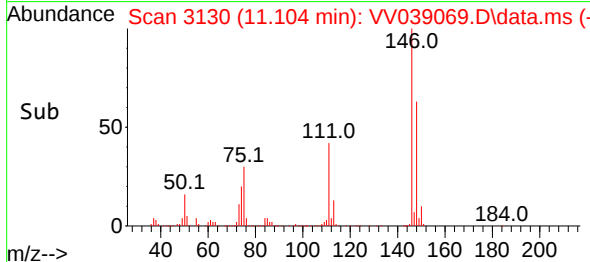
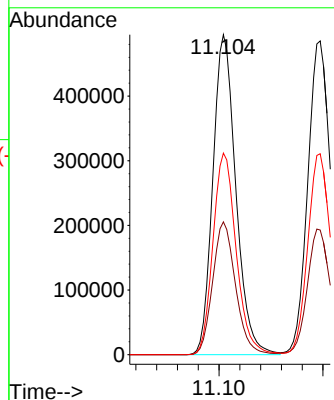
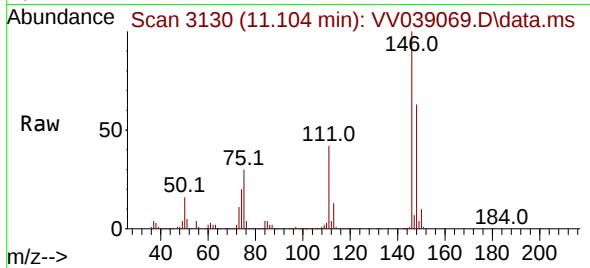




#64
1,3-Dichlorobenzene
Concen: 9.694 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

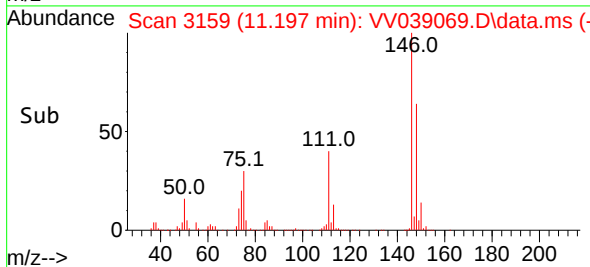
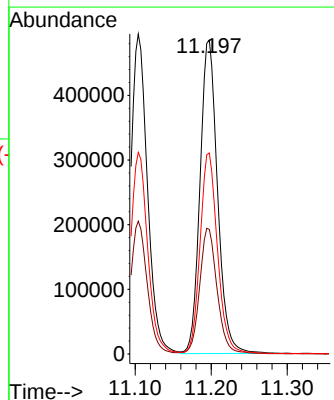
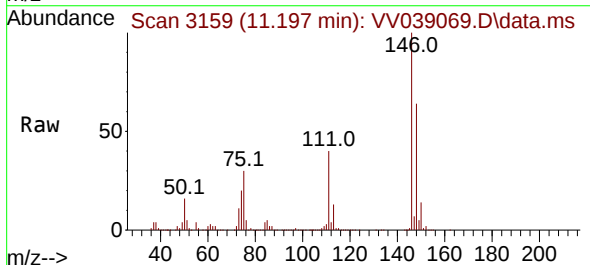
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

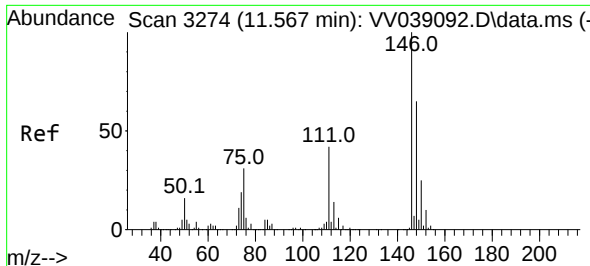
Tgt Ion:146 Resp: 760130
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.7
148 63.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 9.608 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion:146 Resp: 776278
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.6
148 64.1 43.8 81.4

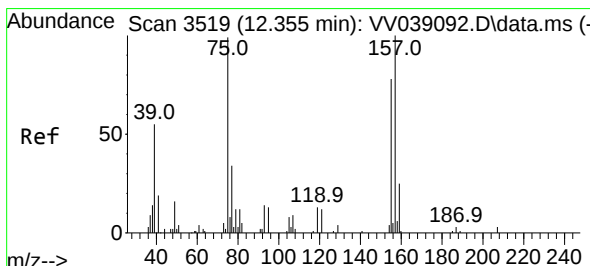
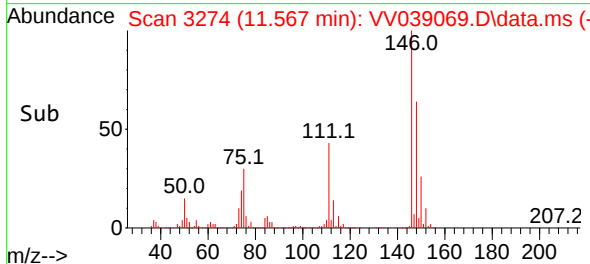
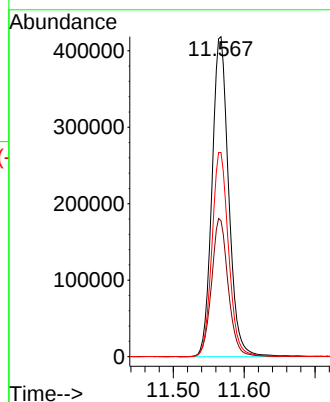
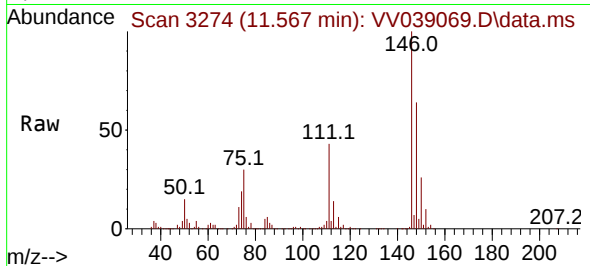




#67
1,2-Dichlorobenzene
Concen: 9.748 ug/L
RT: 11.567 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

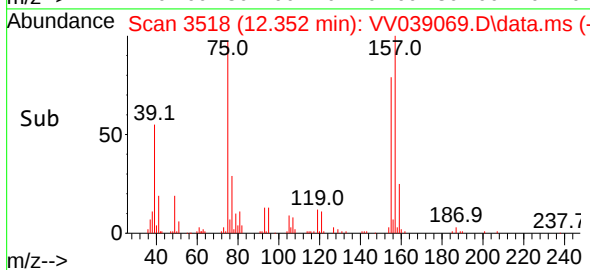
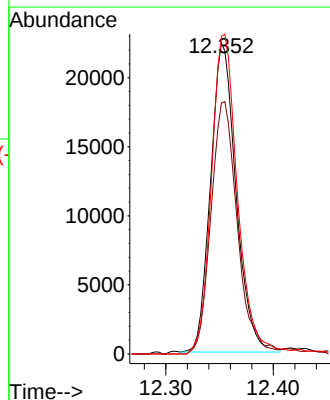
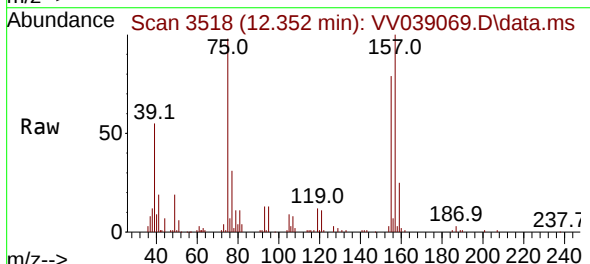
Instrument :
MSVOA_V
ClientSampleId :
VSTD010256

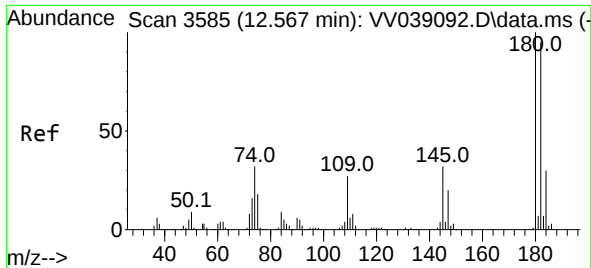
Tgt Ion:146 Resp: 680937
Ion Ratio Lower Upper
146 100
111 42.5 33.4 50.2
148 63.8 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 8.073 ug/L
RT: 12.352 min Scan# 3518
Delta R.T. -0.003 min
Lab File: VV039069.D
Acq: 15 Sep 2025 10:42

Tgt Ion: 75 Resp: 36826
Ion Ratio Lower Upper
75 100
155 80.8 59.4 89.0
157 102.2 76.2 114.2

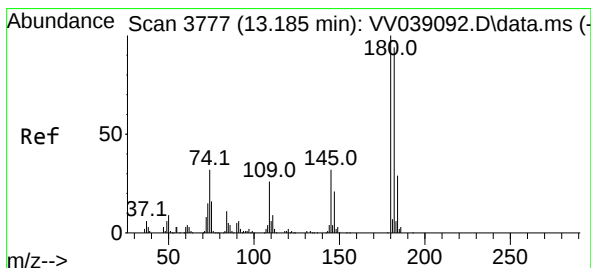
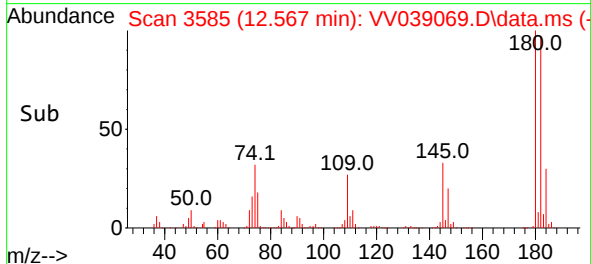
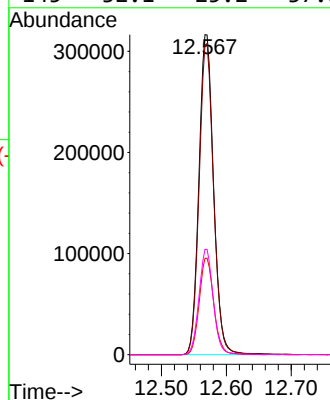
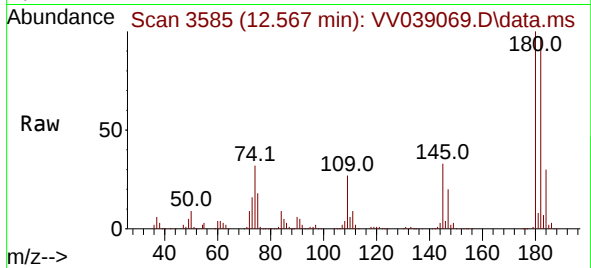




#69
 1,3,5-Trichlorobenzene
 Concen: 10.010 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. -0.003 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

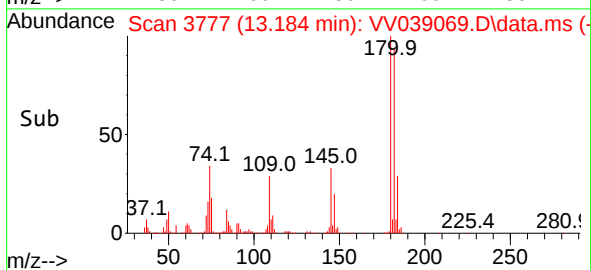
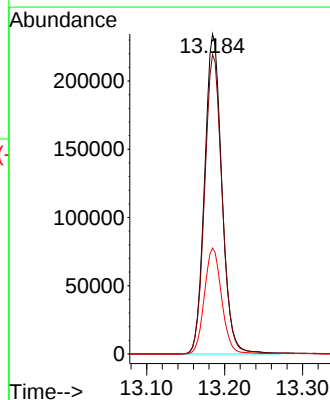
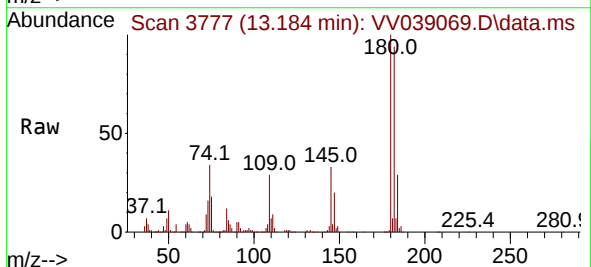
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010256

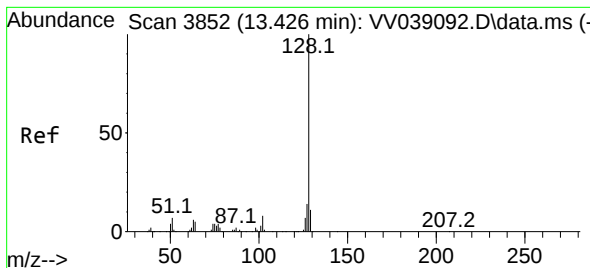
Tgt Ion:180 Resp: 499414
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.3 114.5
 184 29.9 24.0 36.0
 145 32.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 9.403 ug/L
 RT: 13.184 min Scan# 3777
 Delta R.T. -0.003 min
 Lab File: VV039069.D
 Acq: 15 Sep 2025 10:42

Tgt Ion:180 Resp: 360783
 Ion Ratio Lower Upper
 180 100
 182 95.1 73.2 109.8
 145 33.1 25.0 37.4





#71

Naphthalene

Concen: 9.941 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD010256

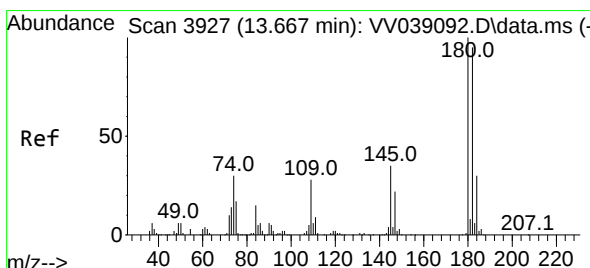
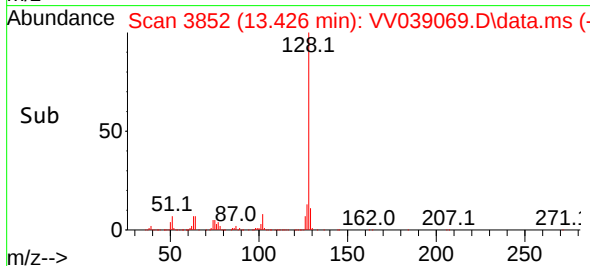
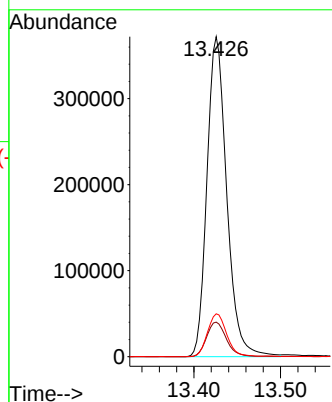
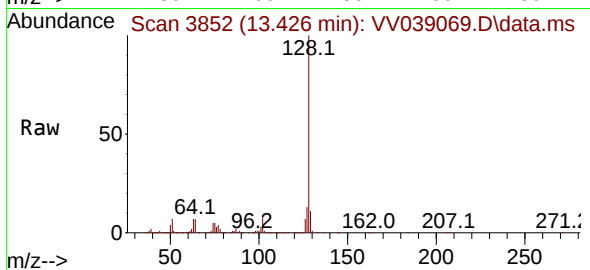
Tgt Ion:128 Resp: 590703

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 13.1 10.8 16.2



#72

1,2,3-Trichlorobenzene

Concen: 10.021 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039069.D

Acq: 15 Sep 2025 10:42

Tgt Ion:180 Resp: 343669

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 35.5 27.4 41.2

