

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039092.D
 Acq On : 16 Sep 2025 09:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 02:17:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	372292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	385307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	202288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	136586	4.652	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.545	69	125951	4.950	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.069	65	65232	4.663	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	3.796	46	218645	50.135	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.280%	
24) Chloroform-d	4.249	84	302562	5.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.200%	
26) 1,2-Dichloroethane-d4	4.944	65	122358	5.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	4.960	84	533552	5.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	5.985	67	162209	5.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.000%	
41) Toluene-d8	7.236	98	501189	5.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	7.551	79	56930	4.939	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.800%	
46) 2-Hexanone-d5	8.014	63	191088	51.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.420%	
56) 1,1,2,2-Tetrachloroeth...	10.140	84	120933	5.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	11.548	152	156569	4.809	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	221804	5.682	ug/L	100
3) Chloromethane	1.227	50	203310	5.304	ug/L	98
5) Vinyl chloride	1.294	62	222226	5.451	ug/L	100
6) Bromomethane	1.500	94	111397	4.791	ug/L	97
8) Chloroethane	1.561	64	137991	5.433	ug/L	99
9) Trichlorofluoromethane	1.725	101	302079	5.501	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	184508	5.454	ug/L	99
12) 1,1-Dichloroethene	2.082	96	163832	5.360	ug/L	96
13) Acetone	2.127	43	202532	55.206	ug/L	100
14) Carbon disulfide	2.252	76	569097	5.442	ug/L	100
15) Methyl Acetate	2.391	43	46105	5.005	ug/L	92
16) Methylene chloride	2.455	84	178821	5.198	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	269865	5.135	ug/L	100
18) trans-1,2-Dichloroethene	2.706	96	170741	5.488	ug/L	99
19) 1,1-Dichloroethane	3.117	63	318007	5.572	ug/L	99
21) 2-Butanone	3.876	43	246558	50.666	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	164685	5.423	ug/L	99
23) Bromochloromethane	4.153	128	79150	5.698	ug/L	96
25) Chloroform	4.278	83	335475	5.673	ug/L	100

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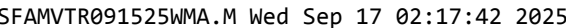
Instrument :
 MSVOA_V
 ClientSampleId :

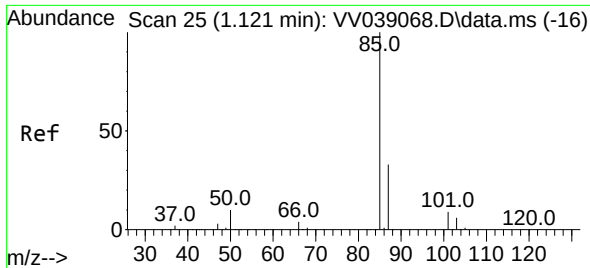
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	173809	5.729	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	294164	5.544	ug/L	97
30) Cyclohexane	4.584	56	246334	5.236	ug/L	98
31) Carbon tetrachloride	4.735	117	268605	5.586	ug/L	98
33) Benzene	5.008	78	691478	5.701	ug/L	100
34) Trichloroethene	5.831	95	176074	5.386	ug/L	98
35) Methylcyclohexane	6.047	83	265377	5.188	ug/L	98
37) 1,2-Dichloropropane	6.088	63	178265	5.667	ug/L	99
38) Bromodichloromethane	6.426	83	232022	5.674	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	218218	5.230	ug/L	97
40) 4-Methyl-2-pentanone	7.146	43	697896	56.000	ug/L	100
42) Toluene	7.307	91	756344	5.983	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	185890	5.482	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	123641	5.724	ug/L	93
47) Tetrachloroethene	7.899	164	138235	5.409	ug/L	96
48) 2-Hexanone	8.063	43	503856	58.158	ug/L	99
49) Dibromochloromethane	8.169	129	143342	5.669	ug/L	97
50) 1,2-Dibromoethane	8.275	107	109984	5.675	ug/L	97
51) Chlorobenzene	8.805	112	454963	5.577	ug/L	99
52) Ethylbenzene	8.937	91	726671	5.580	ug/L	99
53) m,p-Xylene	9.063	106	293980	5.804	ug/L	98
54) o-Xylene	9.468	106	261761	5.633	ug/L	100
55) Styrene	9.487	104	498579	6.073	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.165	83	137893	5.728	ug/L	99
59) Bromoform	9.654	173	74327	5.179	ug/L	100
60) Isopropylbenzene	9.857	105	716902	5.298	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	92203	5.411	ug/L	97
62) 1,3,5-Trimethylbenzene	10.464	105	526109	5.065	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	526916	5.164	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	356852	5.405	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	370107	5.419	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	316685	5.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	18812	5.067	ug/L	95
69) 1,3,5-Trichlorobenzene	12.567	180	216560	5.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.185	180	159492	4.896	ug/L	98
71) Naphthalene	13.426	128	231928	4.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	145617	5.014	ug/L	99

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

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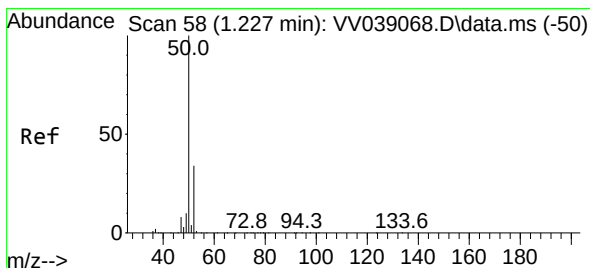
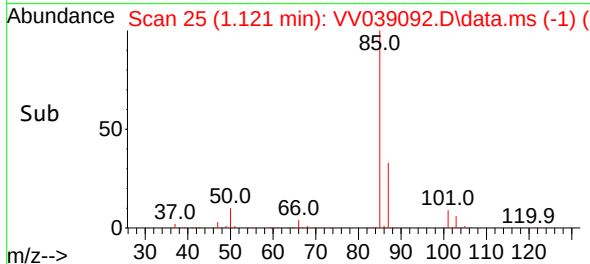
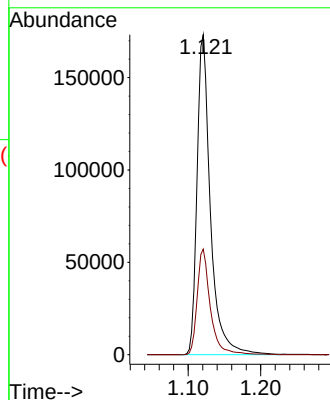
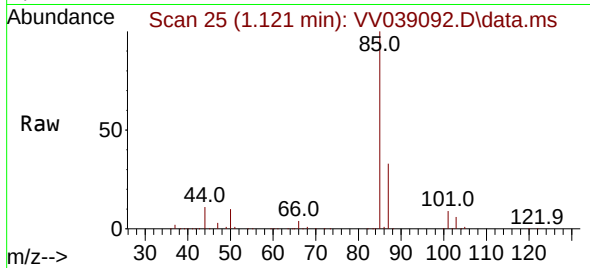




#2
 Dichlorodifluoromethane
 Concen: 5.682 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

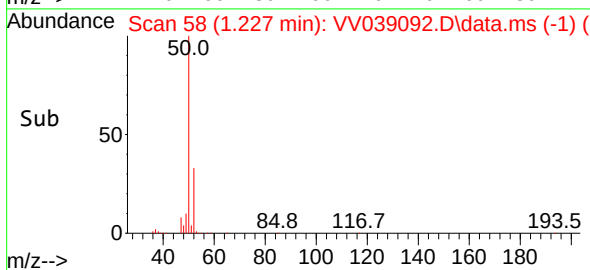
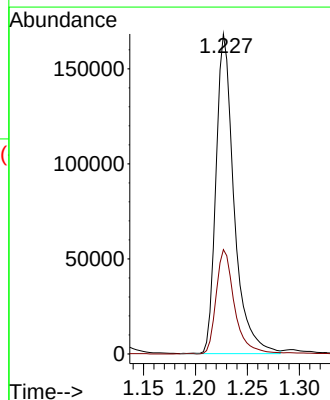
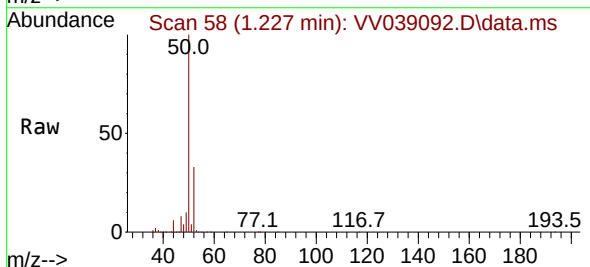
Instrument :
 MSVOA_V
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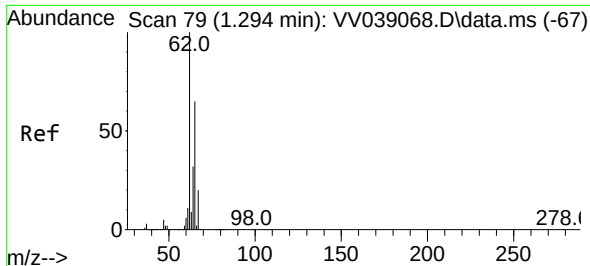
Tgt Ion: 85 Resp: 221804
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 5.304 ug/L
 RT: 1.227 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion: 50 Resp: 203310
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.6



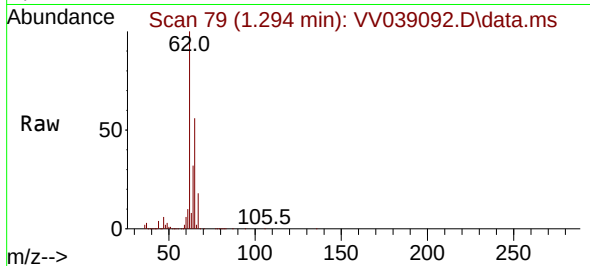


#5
 Vinyl chloride
 Concen: 5.451 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

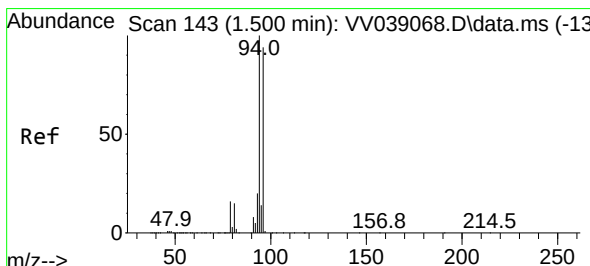
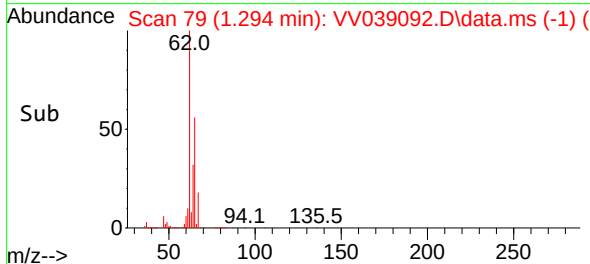
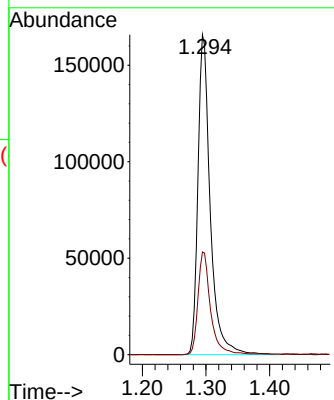
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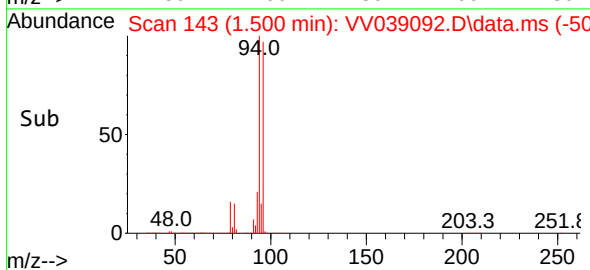
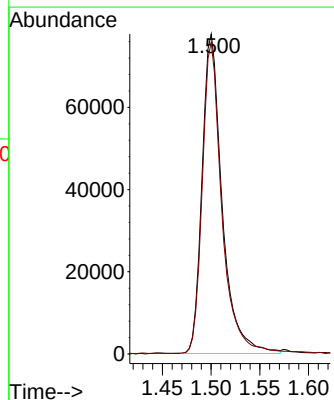
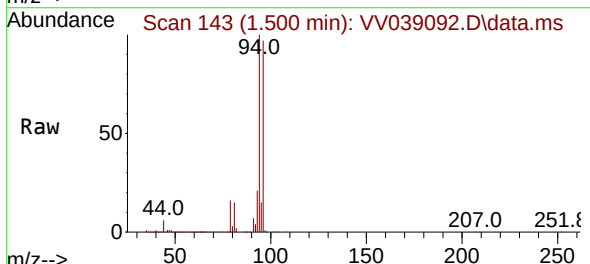


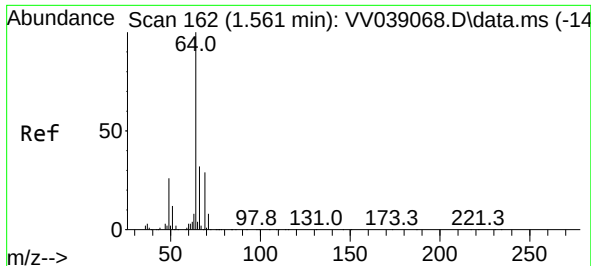
Tgt Ion: 62 Resp: 222226
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.4 41.6



#6
 Bromomethane
 Concen: 4.791 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion: 94 Resp: 111397
 Ion Ratio Lower Upper
 94 100
 96 97.4 65.9 122.5

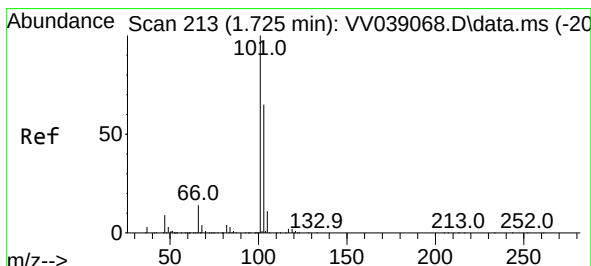
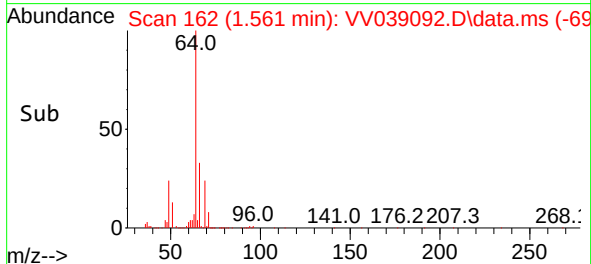
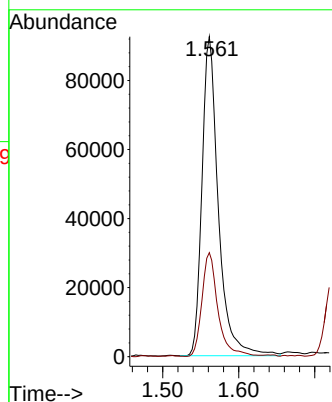
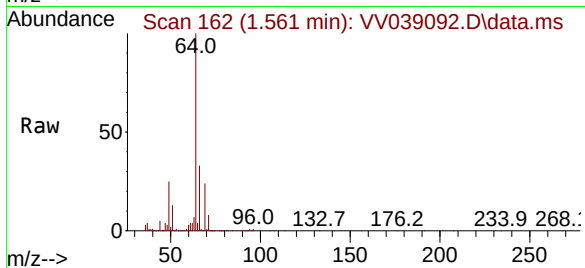




#8
Chloroethane
Concen: 5.433 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

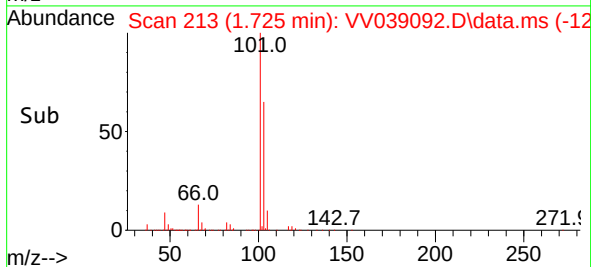
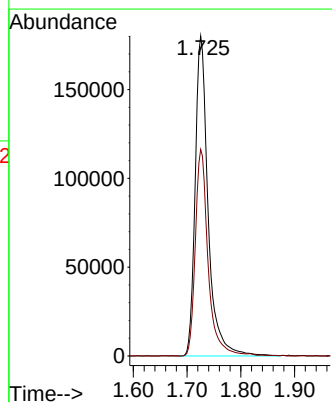
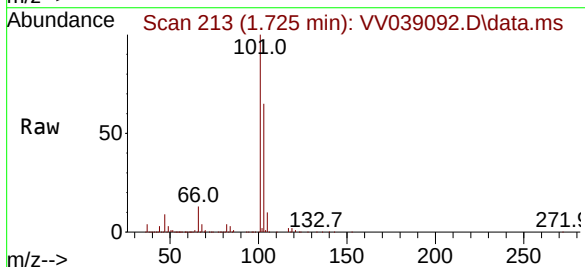
Instrument :
MSVOA_V
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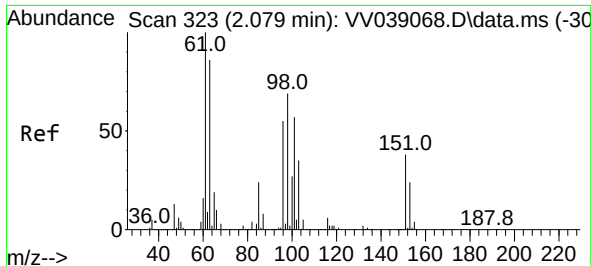
Tgt Ion: 64 Resp: 137991
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.501 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion: 101 Resp: 302079
Ion Ratio Lower Upper
101 100
103 63.5 50.7 76.1





#10

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

Concen: 5.454 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

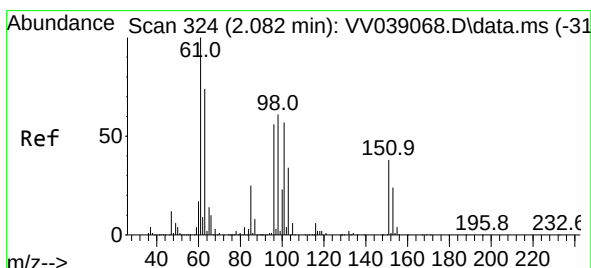
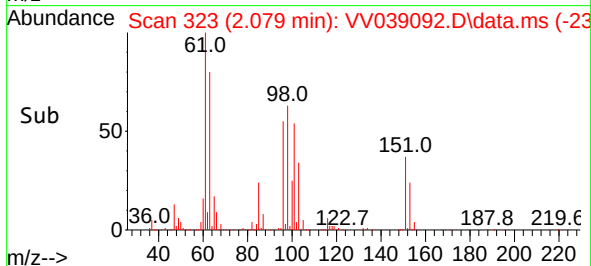
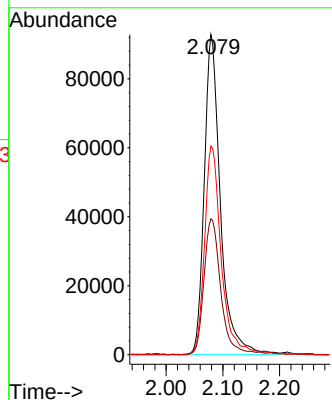
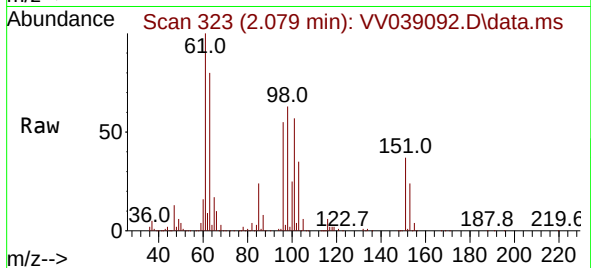
Tgt Ion:101 Resp: 184508

Ion Ratio Lower Upper

101 100

85 43.8 35.4 53.0

151 67.6 55.4 83.0



#12

1,1-Dichloroethene

Concen: 5.360 ug/L

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

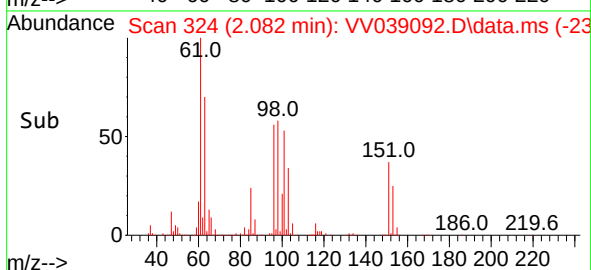
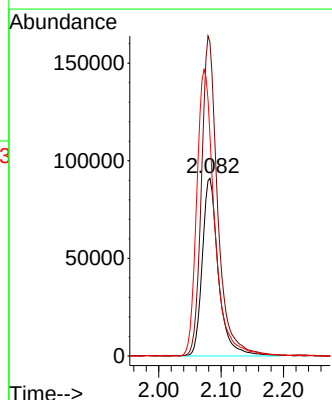
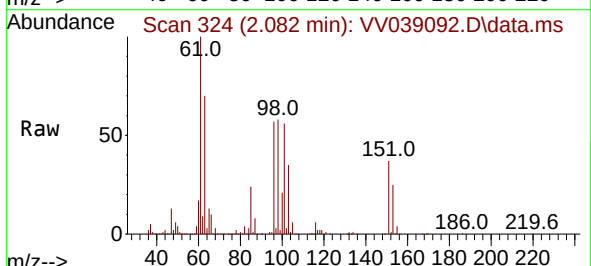
Tgt Ion: 96 Resp: 163832

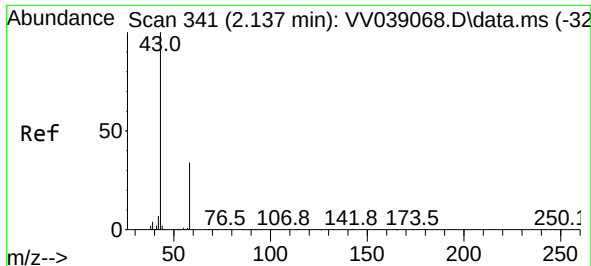
Ion Ratio Lower Upper

96 100

61 176.6 124.7 231.7

63 124.1 93.5 173.7

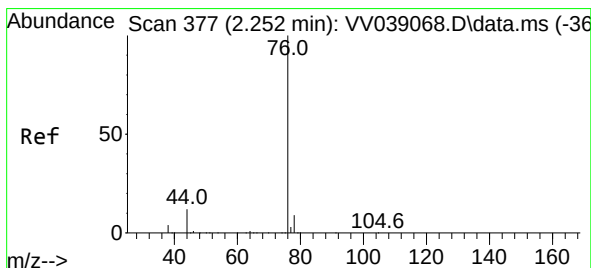
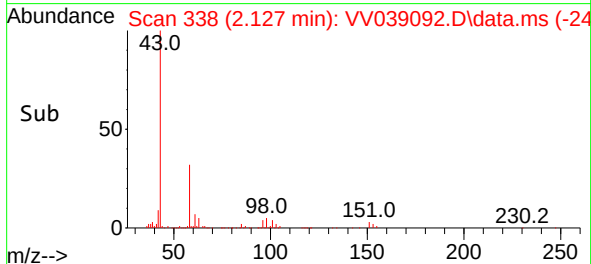
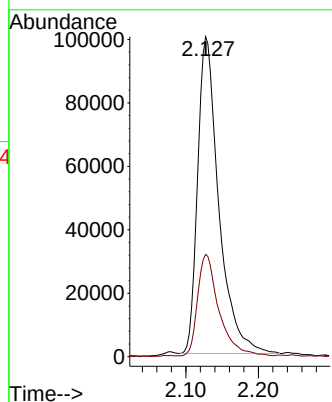
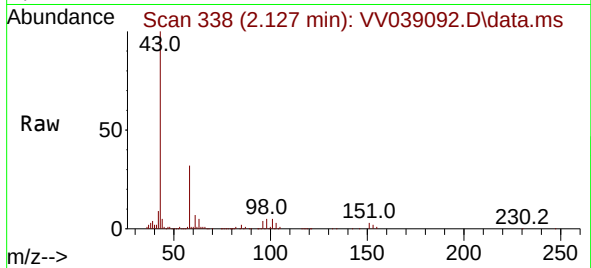




#13
Acetone
Concen: 55.206 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

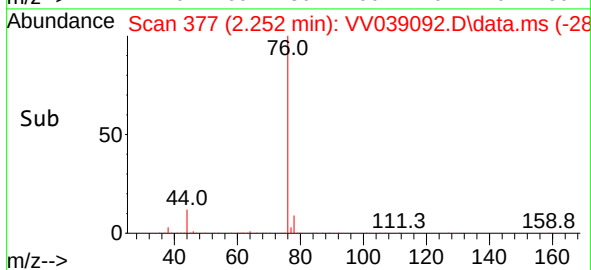
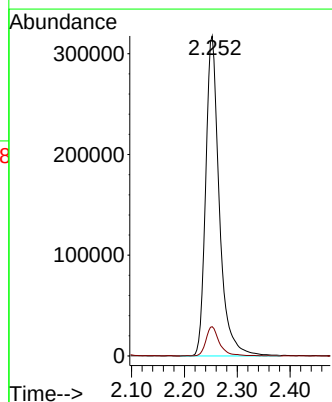
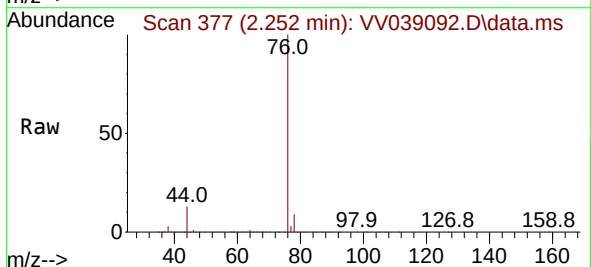
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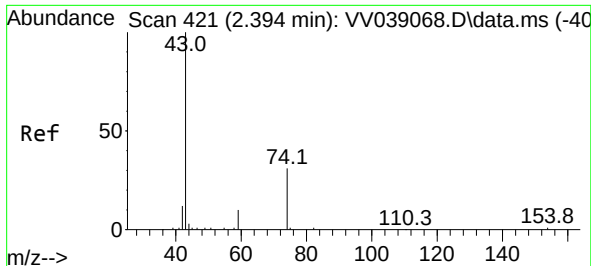
Tgt Ion: 43 Resp: 202532
Ion Ratio Lower Upper
43 100
58 32.0 0.0 64.0



#14
Carbon disulfide
Concen: 5.442 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion: 76 Resp: 569097
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

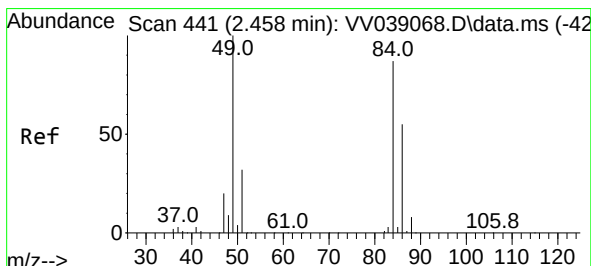
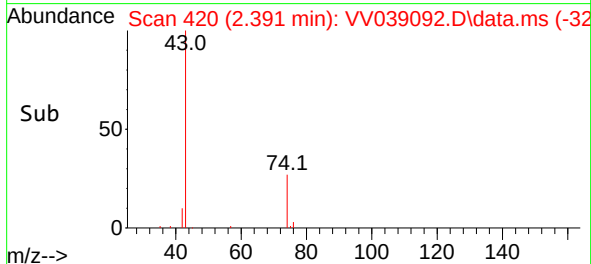
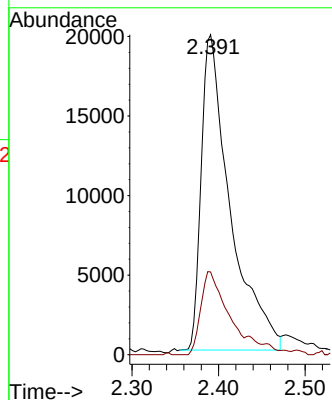
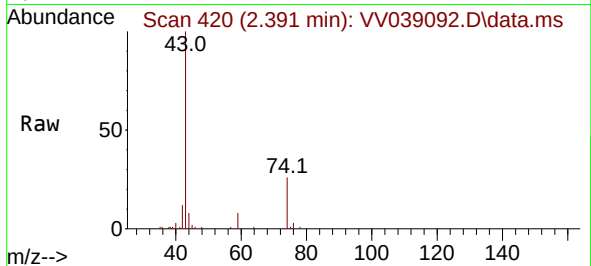




#15
Methyl Acetate
Concen: 5.005 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

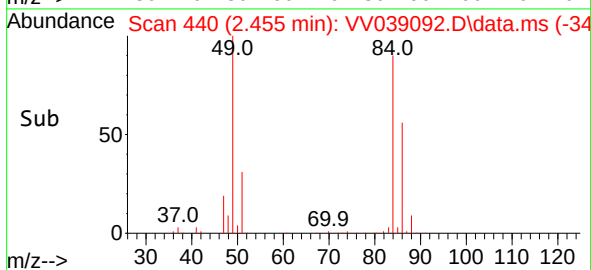
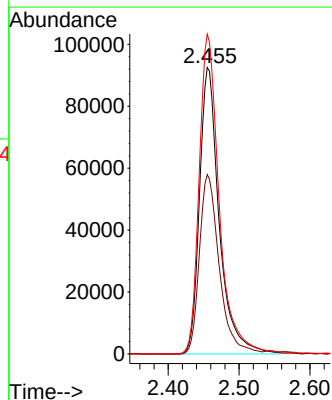
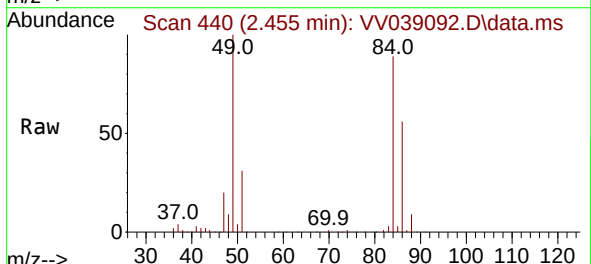
Instrument :
MSVOA_V
ClientSampleId :

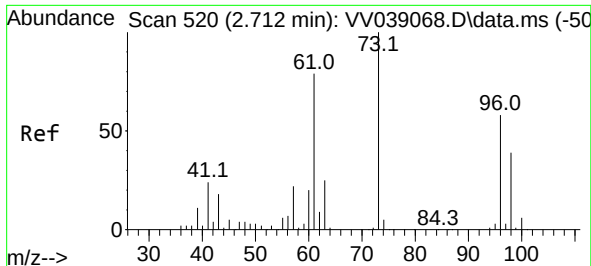
Tgt Ion: 43 Resp: 46105
Ion Ratio Lower Upper
43 100
74 27.4 18.8 28.2



#16
Methylene chloride
Concen: 5.198 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion: 84 Resp: 178821
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 111.7 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 5.135 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

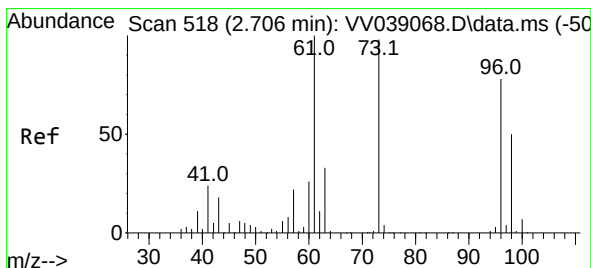
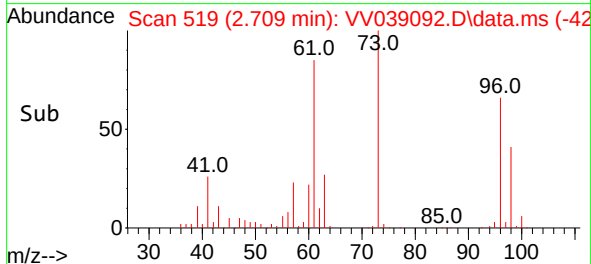
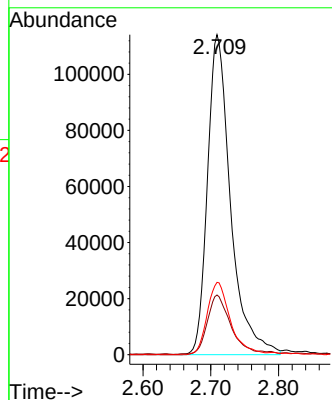
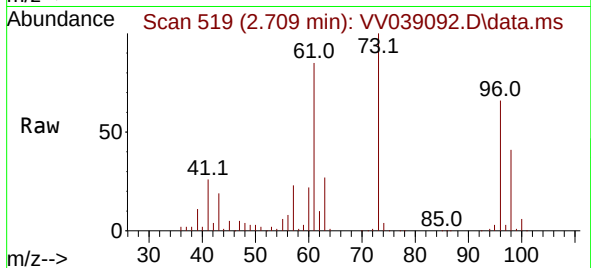
Tgt Ion: 73 Resp: 269865

Ion Ratio Lower Upper

73 100

43 18.1 14.7 22.1

57 22.7 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.488 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

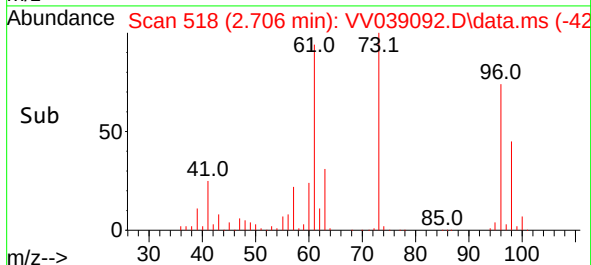
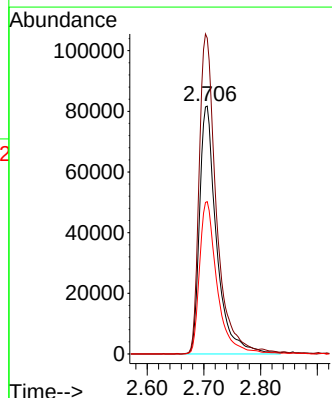
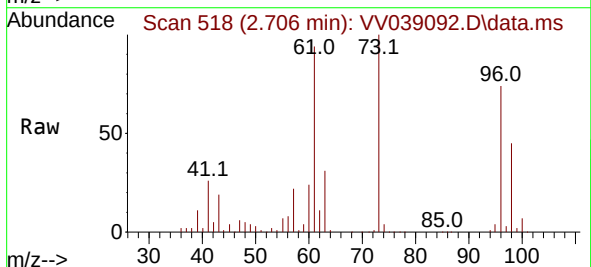
Tgt Ion: 96 Resp: 170741

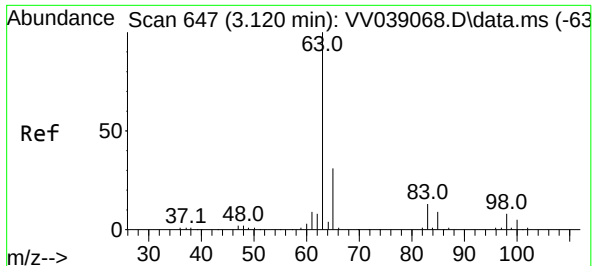
Ion Ratio Lower Upper

96 100

61 127.5 89.7 166.5

98 61.4 44.9 83.3





#19

1,1-Dichloroethane

Concen: 5.572 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

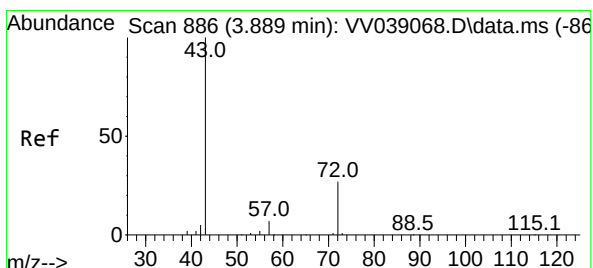
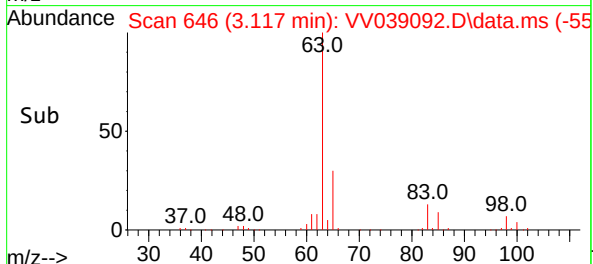
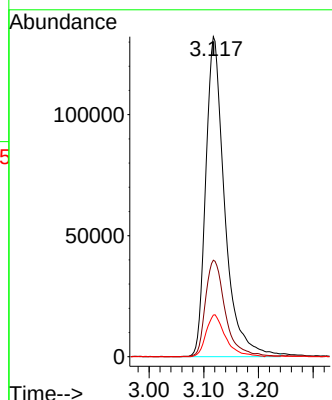
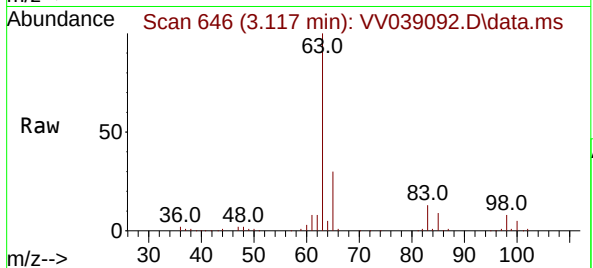
Tgt Ion: 63 Resp: 318007

Ion Ratio Lower Upper

63 100

65 30.2 21.5 39.9

83 13.0 9.2 17.2



#21

2-Butanone

Concen: 50.666 ug/L

RT: 3.876 min Scan# 882

Delta R.T. -0.013 min

Lab File: VV039092.D

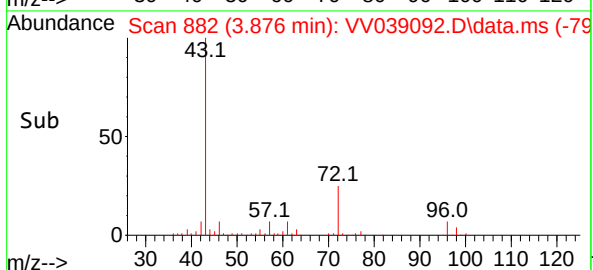
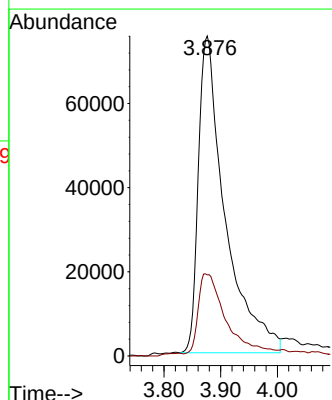
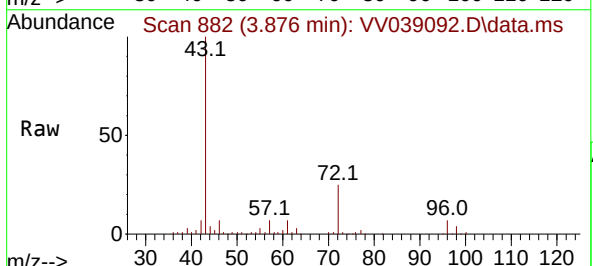
Acq: 16 Sep 2025 09:25

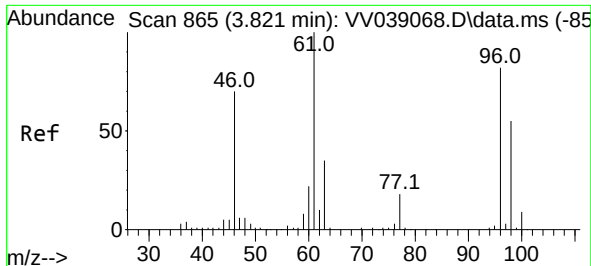
Tgt Ion: 43 Resp: 246558

Ion Ratio Lower Upper

43 100

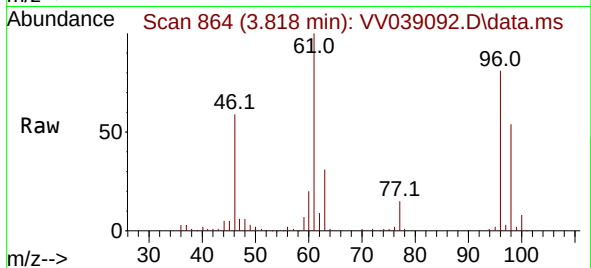
72 26.2 12.0 36.0





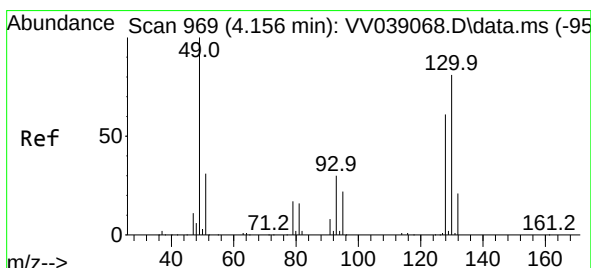
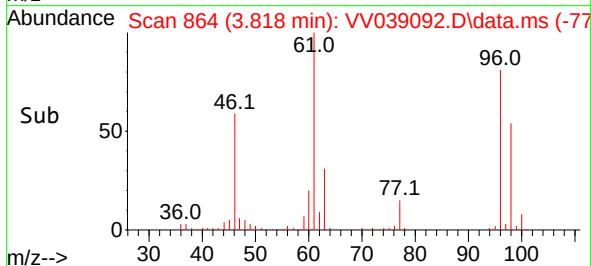
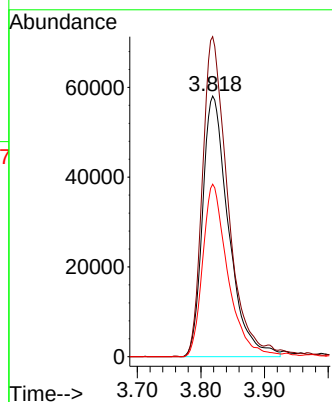
#22
 cis-1,2-Dichloroethene
 Concen: 5.423 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 164685

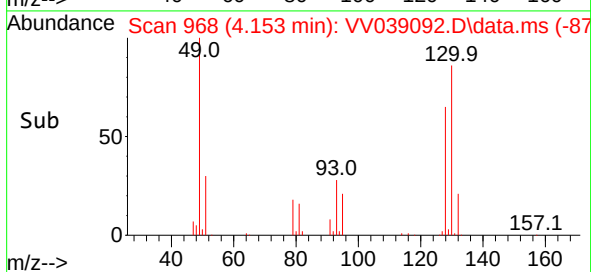
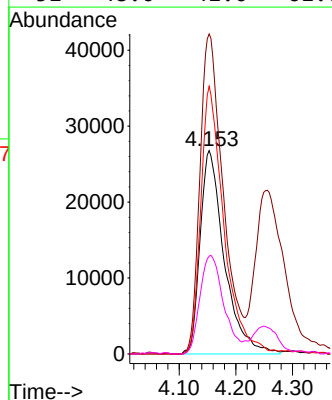
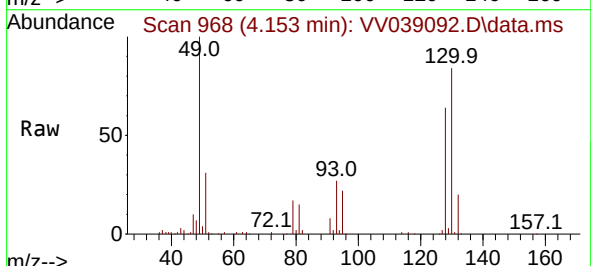
Ion	Ratio	Lower	Upper
96	100		
61	122.8	85.4	158.6
98	66.2	46.6	86.6

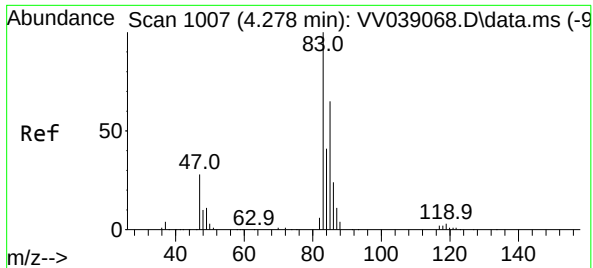


#23
 Bromochloromethane
 Concen: 5.698 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion:128 Resp: 79150

Ion	Ratio	Lower	Upper
128	100		
49	157.3	115.3	214.1
130	131.6	93.2	173.0
51	48.0	41.0	61.6

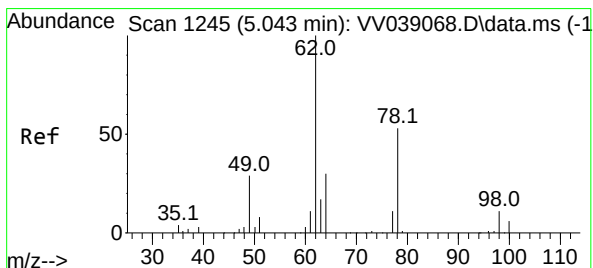
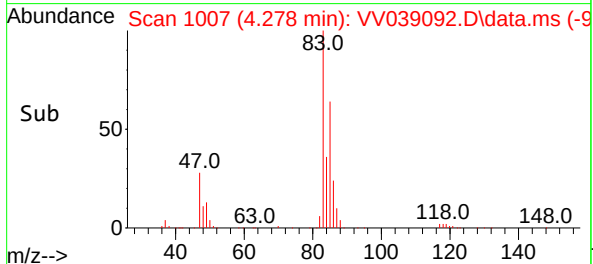
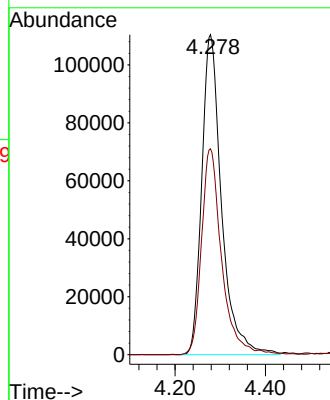
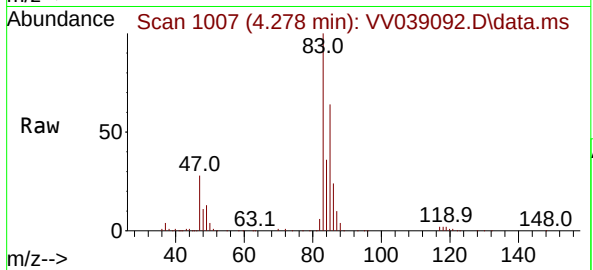




#25
Chloroform
Concen: 5.673 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

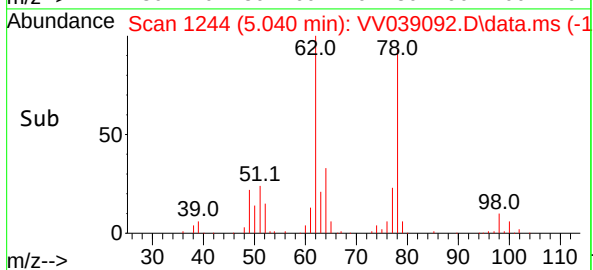
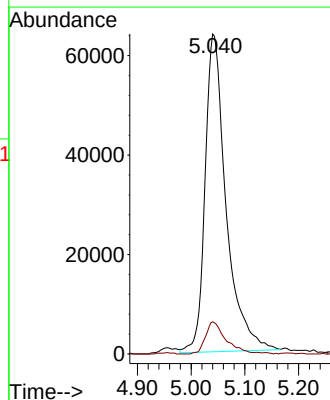
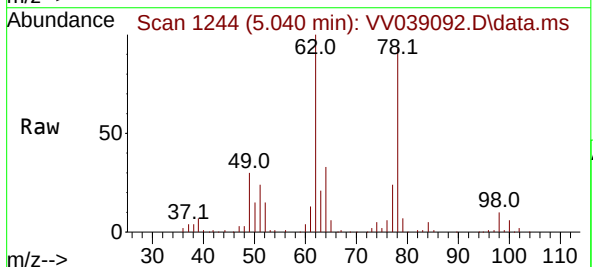
Instrument :
MSVOA_V
ClientSampleId :

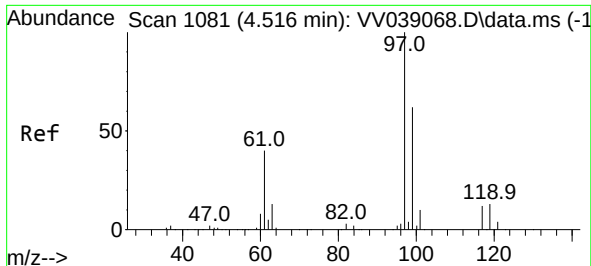
Tgt Ion: 83 Resp: 335475
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 5.729 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.003 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion: 62 Resp: 173809
Ion Ratio Lower Upper
62 100
98 10.1 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 5.544 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

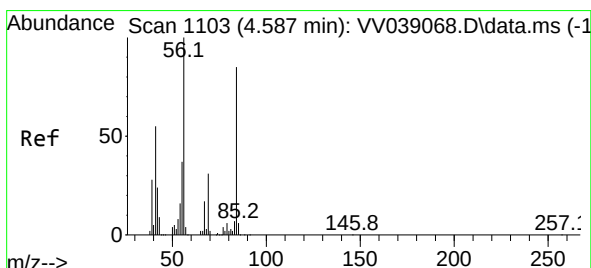
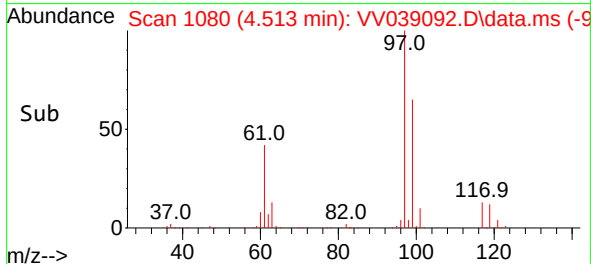
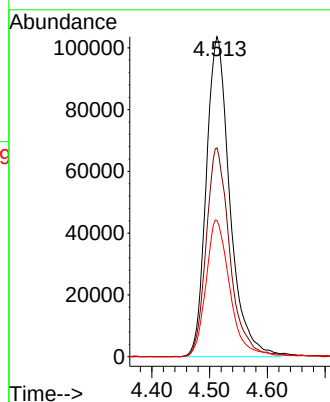
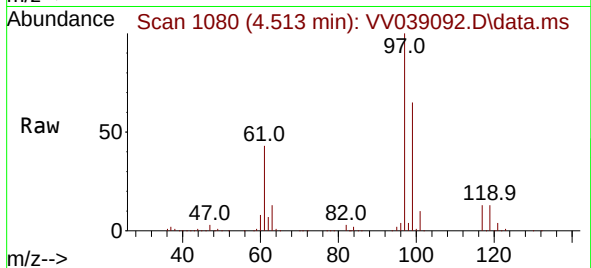
Tgt Ion: 97 Resp: 294164

Ion Ratio Lower Upper

97 100

99 65.8 51.1 76.7

61 43.1 32.9 49.3



#30

Cyclohexane

Concen: 5.236 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

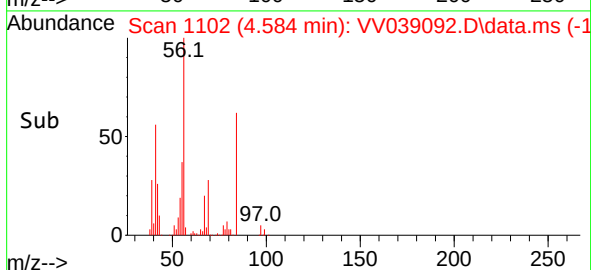
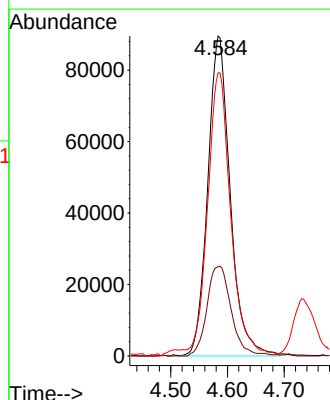
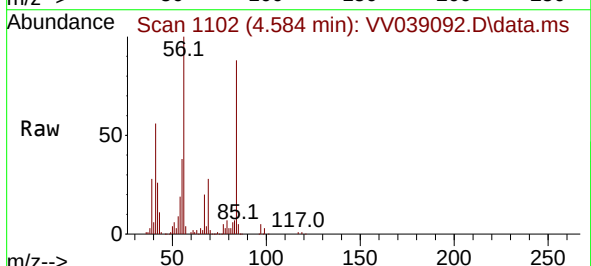
Tgt Ion: 56 Resp: 246334

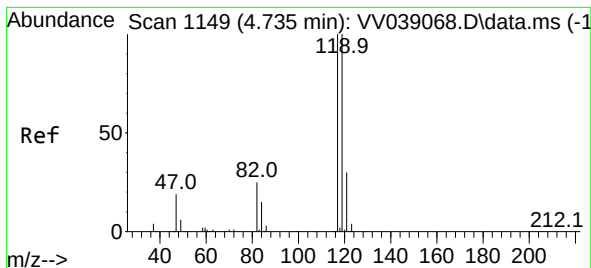
Ion Ratio Lower Upper

56 100

69 30.3 25.0 37.6

84 90.6 71.3 106.9





#31

Carbon tetrachloride

Concen: 5.586 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

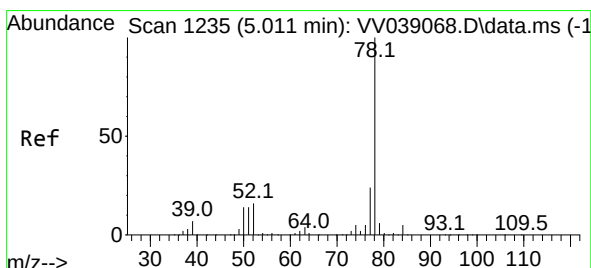
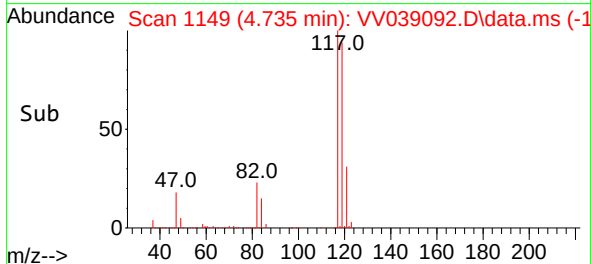
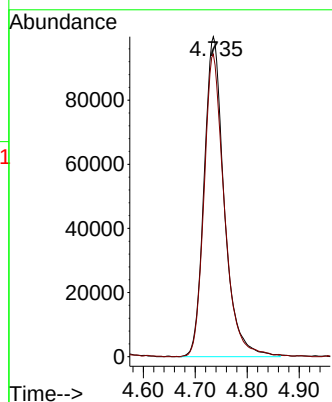
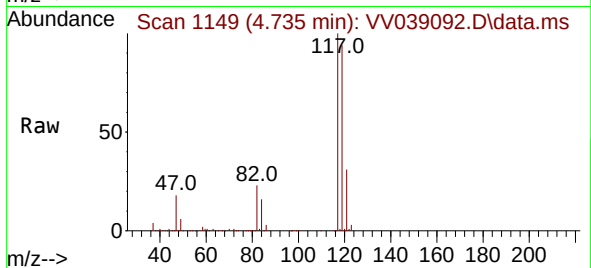
ClientSampleId :

Tgt Ion:117 Resp: 268605

Ion Ratio Lower Upper

117 100

119 95.3 77.4 116.2



#33

Benzene

Concen: 5.701 ug/L

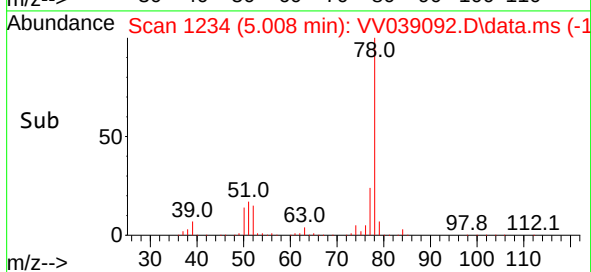
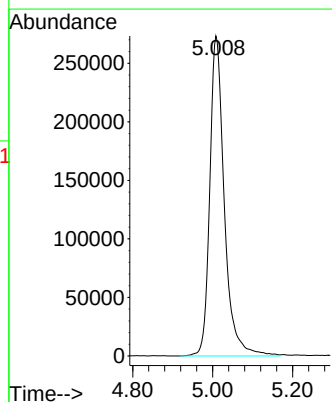
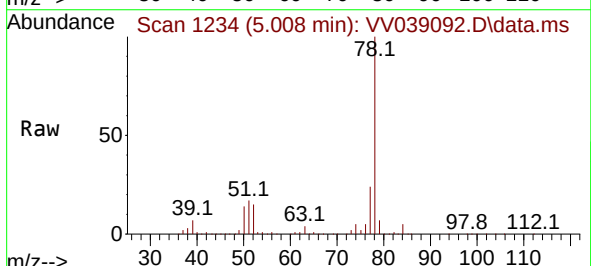
RT: 5.008 min Scan# 1234

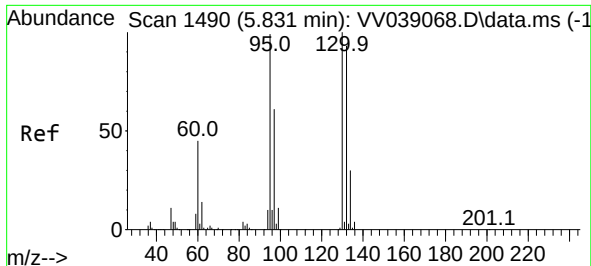
Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Tgt Ion: 78 Resp: 691478

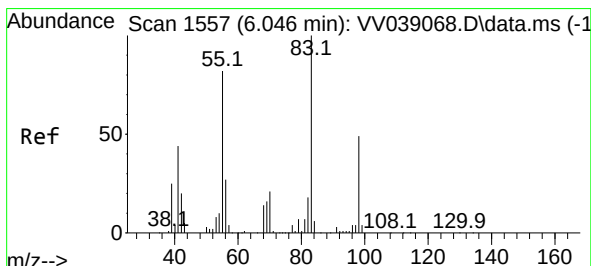
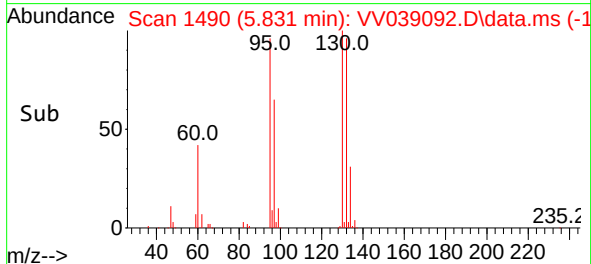
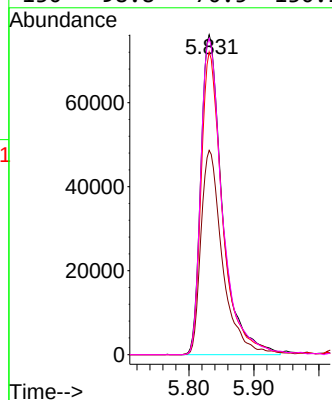
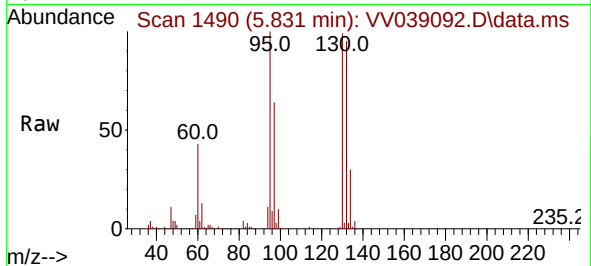




#34
 Trichloroethene
 Concen: 5.386 ug/L
 RT: 5.831 min Scan# 1490
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

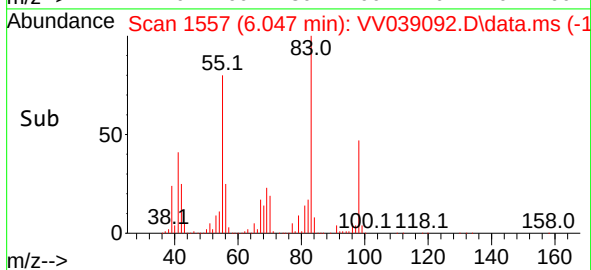
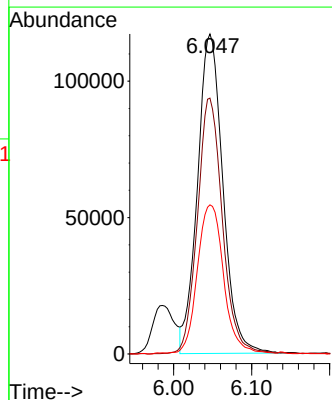
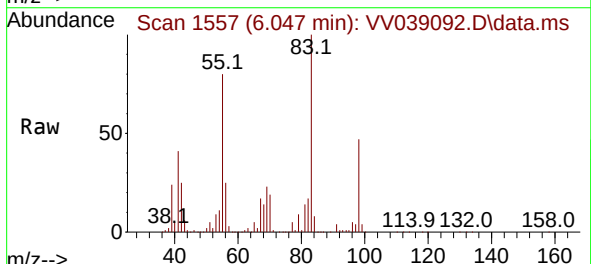
Instrument :
 MSVOA_V
 ClientSampleId :

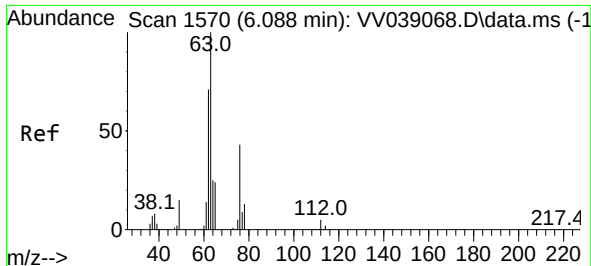
Tgt Ion: 95 Resp: 176074
 Ion Ratio Lower Upper
 95 100
 97 63.8 43.3 80.5
 132 94.6 65.5 121.7
 130 98.8 70.5 130.9



#35
 Methylcyclohexane
 Concen: 5.188 ug/L
 RT: 6.047 min Scan# 1557
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion: 83 Resp: 265377
 Ion Ratio Lower Upper
 83 100
 55 79.3 61.4 92.2
 98 47.5 38.2 57.4





#37

1,2-Dichloropropane

Concen: 5.667 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

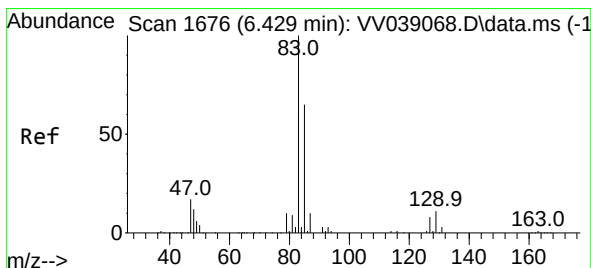
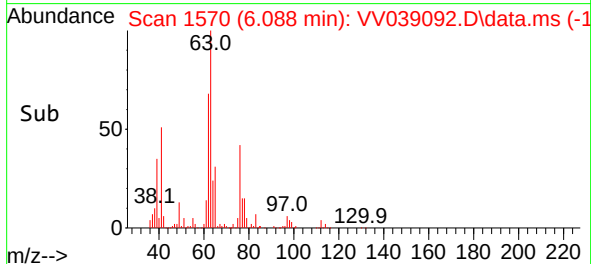
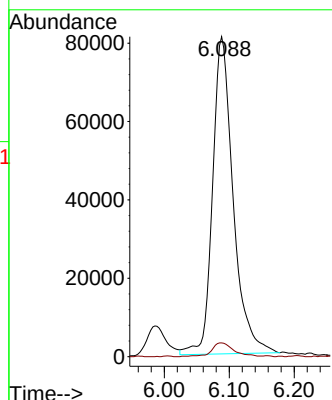
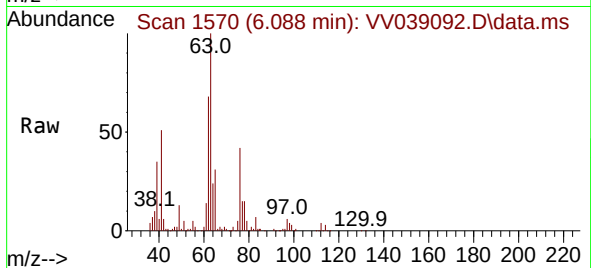
ClientSampleId :

Tgt Ion: 63 Resp: 178265

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 5.674 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

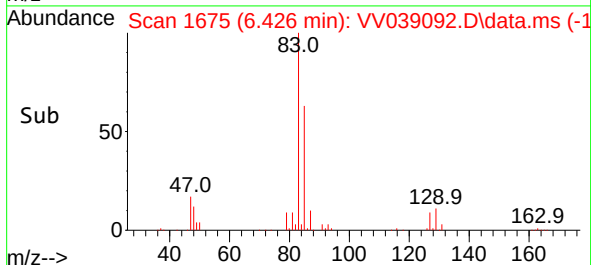
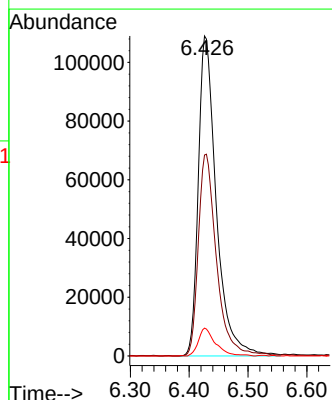
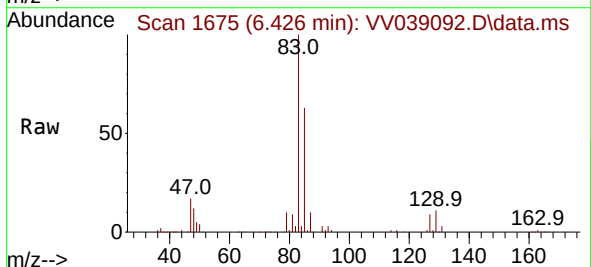
Tgt Ion: 83 Resp: 232022

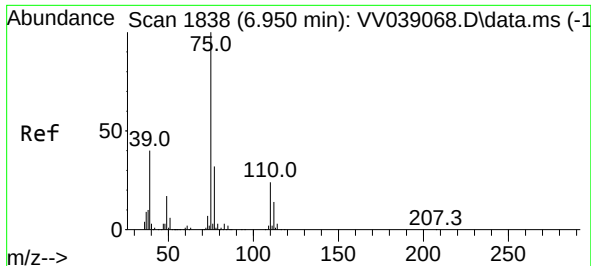
Ion Ratio Lower Upper

83 100

85 62.8 45.8 85.2

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.230 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

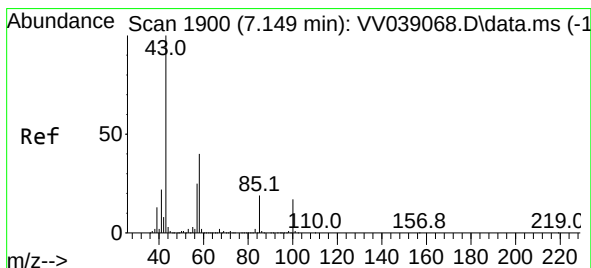
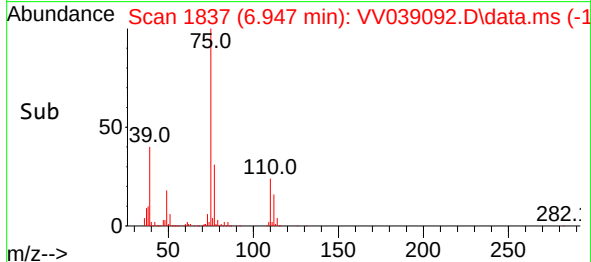
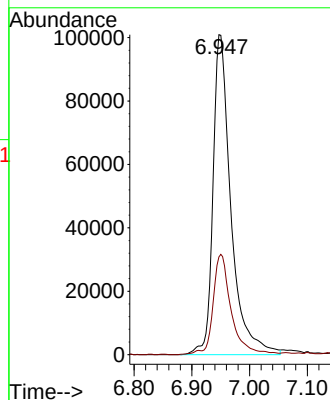
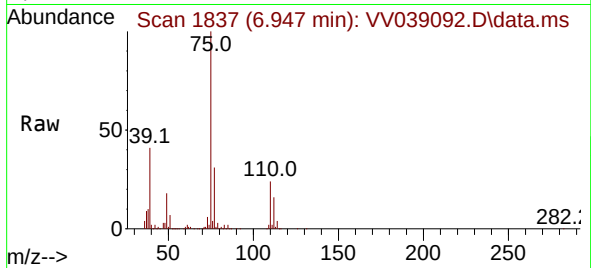
ClientSampleId :

Tgt Ion: 75 Resp: 218218

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 56.000 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

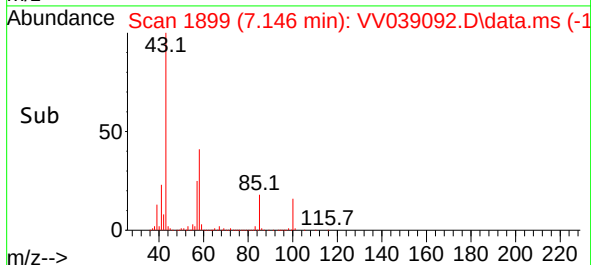
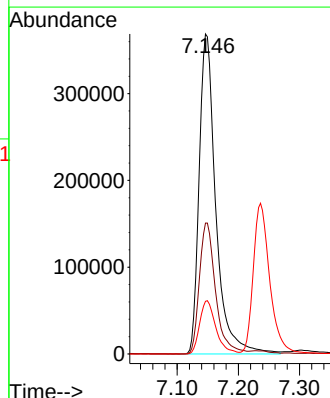
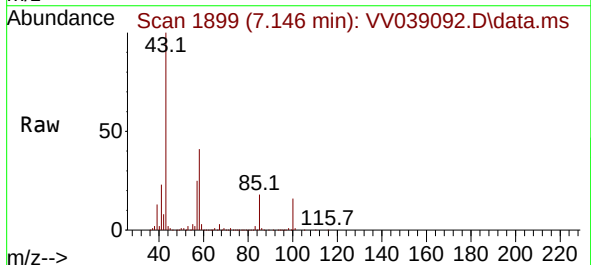
Tgt Ion: 43 Resp: 697896

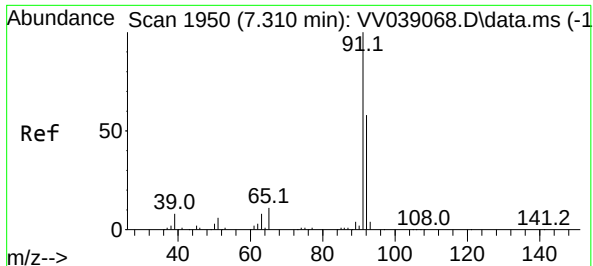
Ion Ratio Lower Upper

43 100

58 39.9 31.7 47.5

100 16.2 13.0 19.4





#42

Toluene

Concen: 5.983 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

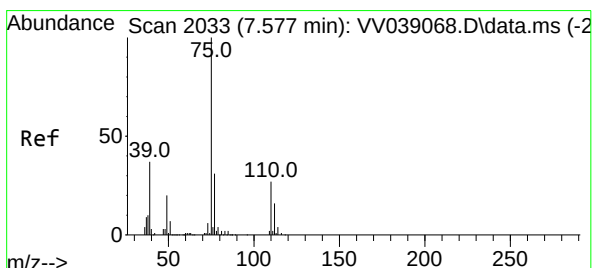
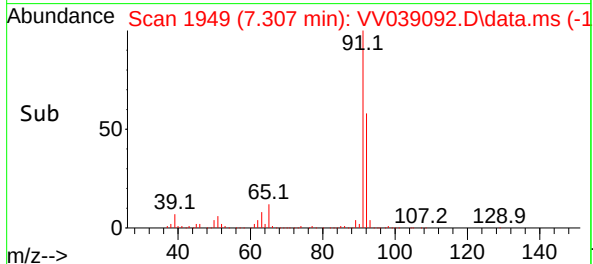
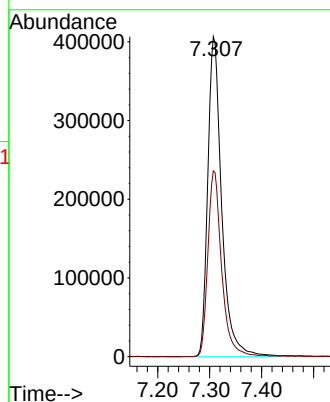
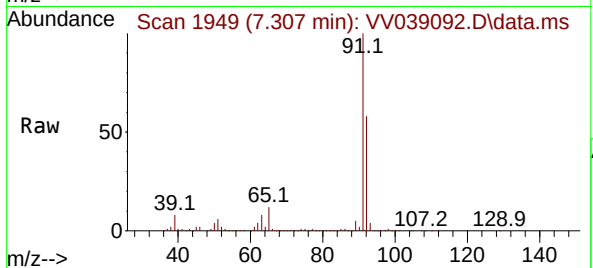
ClientSampleId :

Tgt Ion: 91 Resp: 756344

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.482 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039092.D

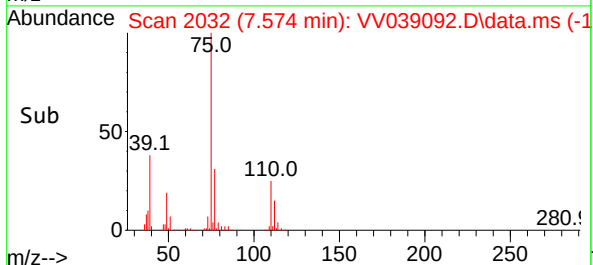
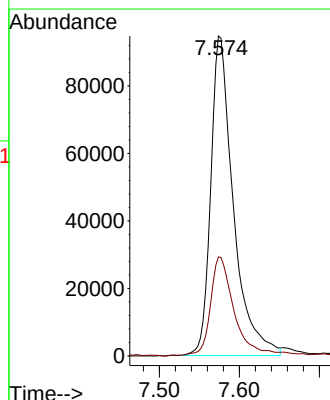
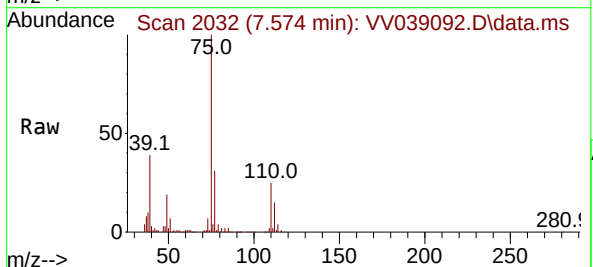
Acq: 16 Sep 2025 09:25

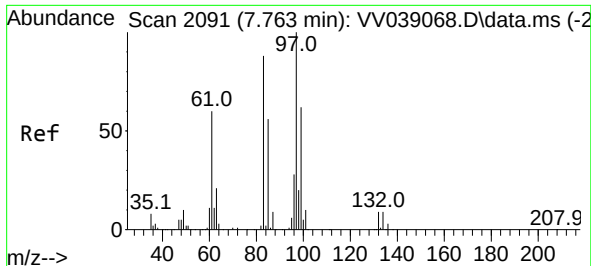
Tgt Ion: 75 Resp: 185890

Ion Ratio Lower Upper

75 100

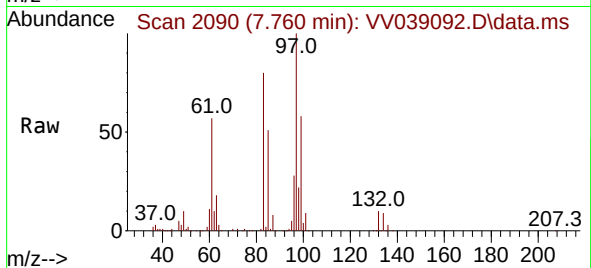
77 31.0 21.9 40.7



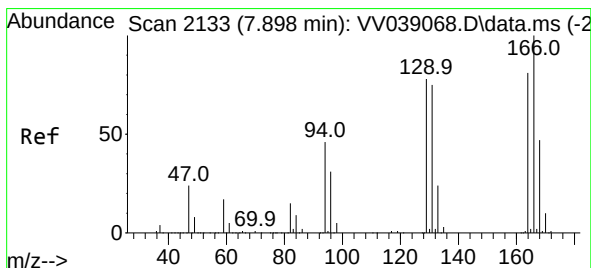
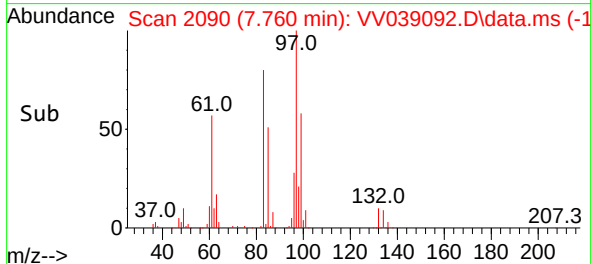
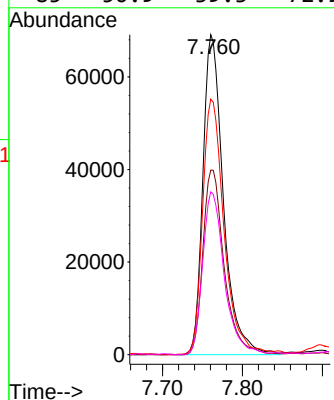


#45
1,1,2-Trichloroethane
Concen: 5.724 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Instrument :
MSVOA_V
ClientSampleId :

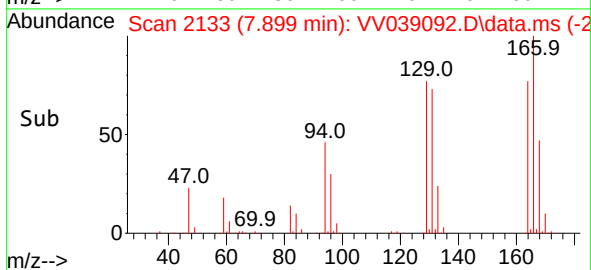
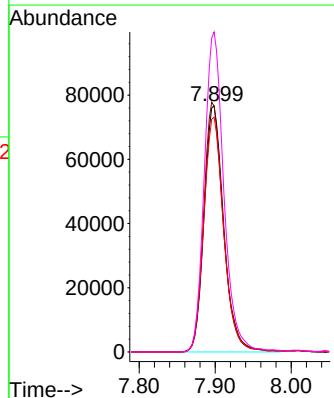
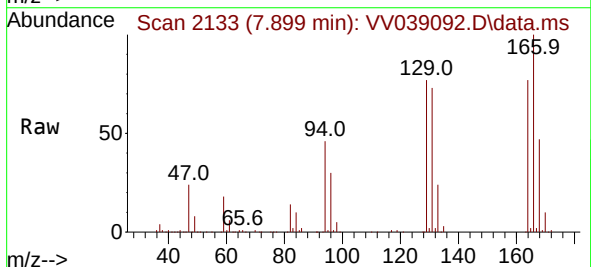


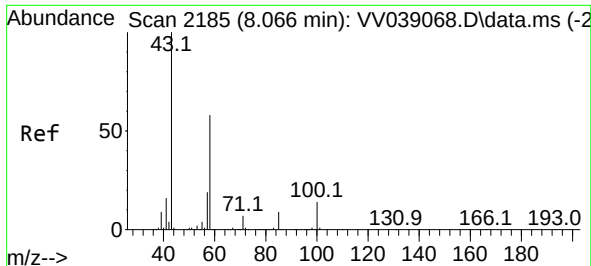
Tgt Ion	Ratio	Lower	Upper
97	100		
99	57.7	43.3	80.3
83	79.9	61.7	114.7
85	50.9	39.3	72.9



#47
Tetrachloroethene
Concen: 5.409 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

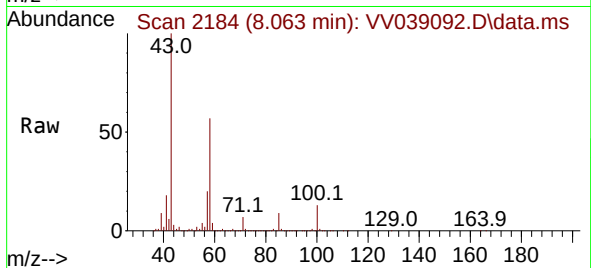
Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.0	126.4
131	95.5	65.4	121.4
166	130.1	86.7	161.1



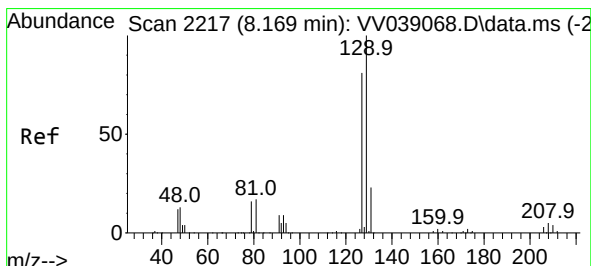
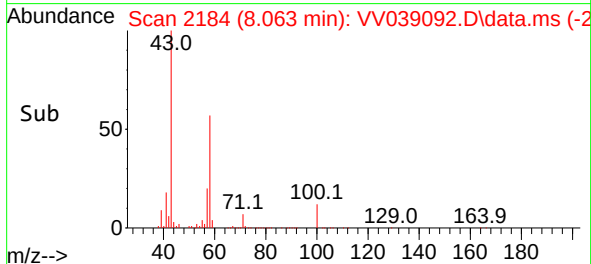
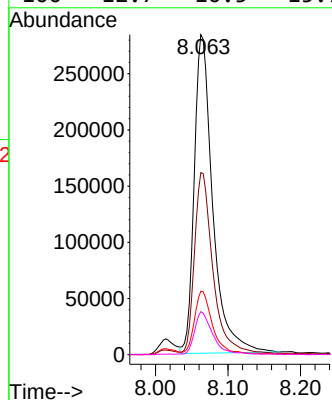


#48
2-Hexanone
Concen: 58.158 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. -0.003 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Instrument :
MSVOA_V
ClientSampleId :

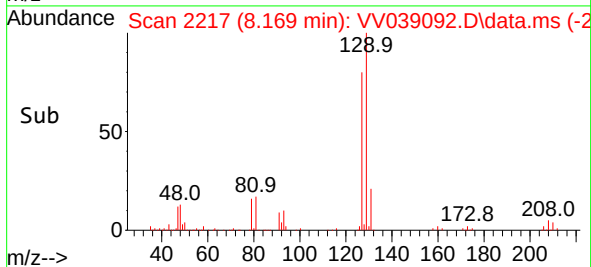
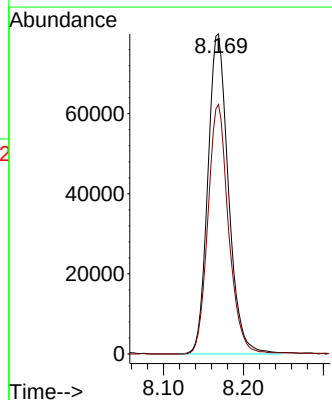
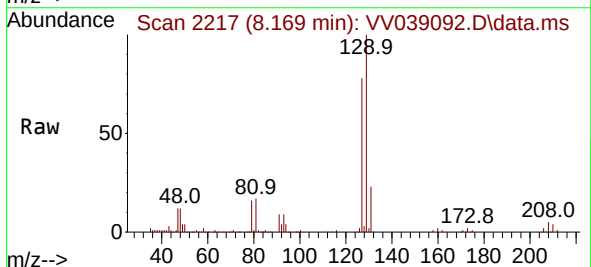


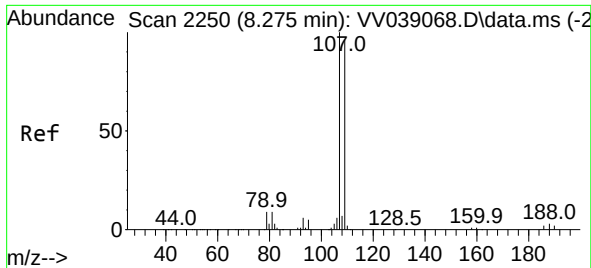
Tgt Ion: 43 Resp: 503856
Ion Ratio Lower Upper
43 100
58 56.7 45.6 68.4
57 19.1 15.6 23.4
100 12.7 10.5 15.7



#49
Dibromochloromethane
Concen: 5.669 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion: 129 Resp: 143342
Ion Ratio Lower Upper
129 100
127 78.0 56.7 105.3

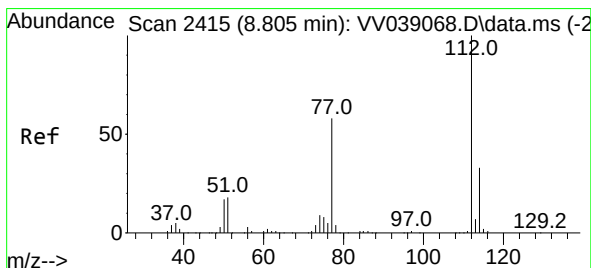
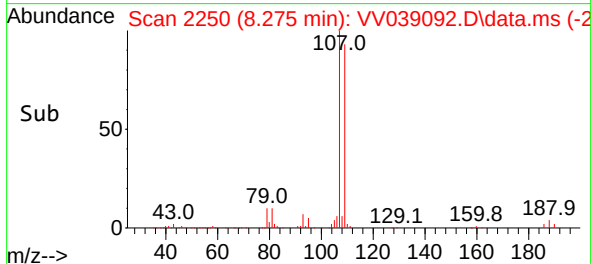
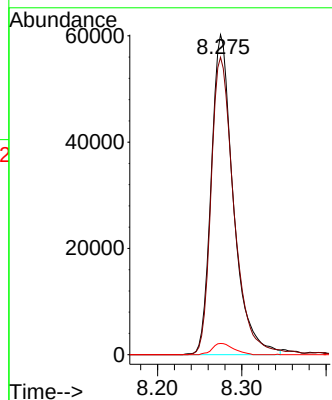
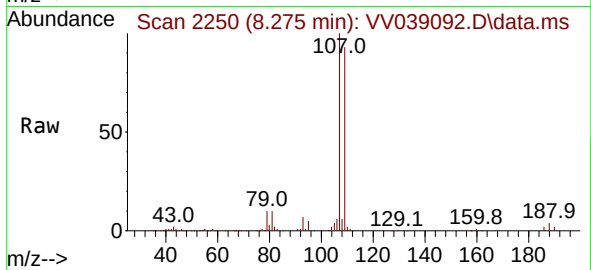




#50
 1,2-Dibromoethane
 Concen: 5.675 ug/L
 RT: 8.275 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

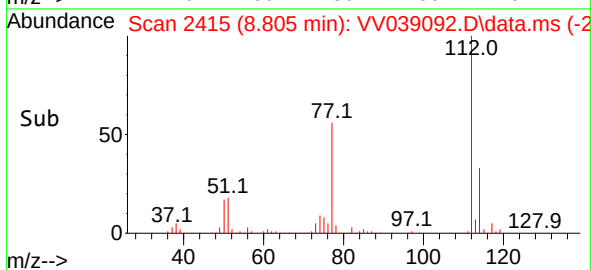
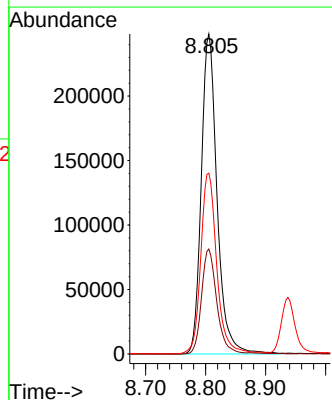
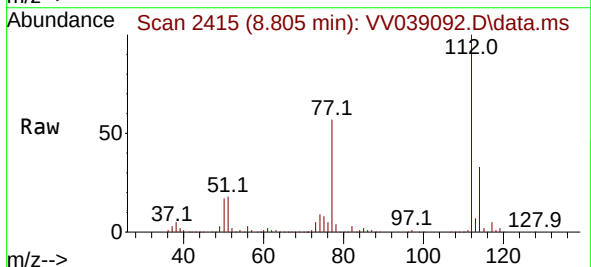
Instrument :
 MSVOA_V
 ClientSampleId :

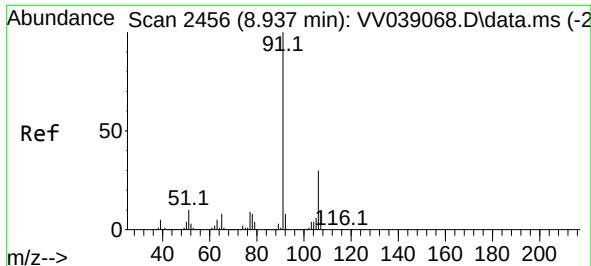
Tgt Ion:107 Resp: 109984
 Ion Ratio Lower Upper
 107 100
 109 93.0 67.1 124.7
 188 3.5 2.5 3.7



#51
 Chlorobenzene
 Concen: 5.577 ug/L
 RT: 8.805 min Scan# 2415
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion:112 Resp: 454963
 Ion Ratio Lower Upper
 112 100
 114 32.8 23.0 42.6
 77 56.5 46.6 69.8





#52

Ethylbenzene

Concen: 5.580 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

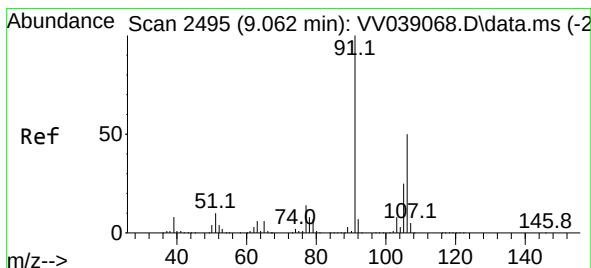
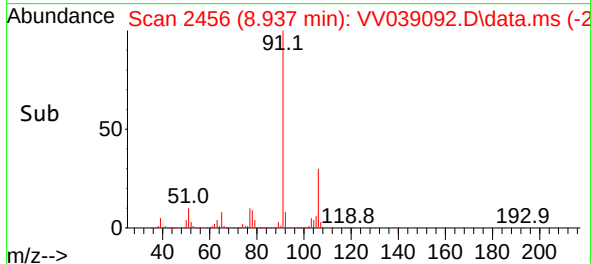
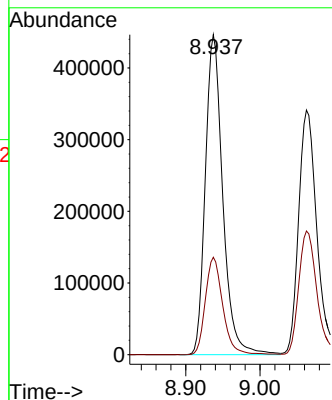
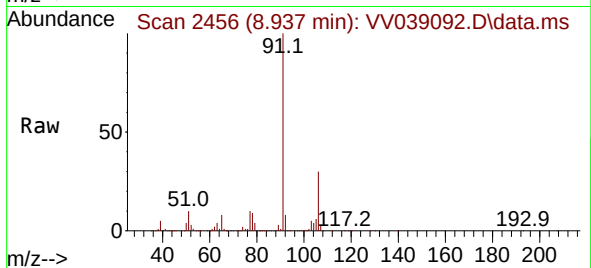
ClientSampleId :

Tgt Ion: 91 Resp: 726671

Ion Ratio Lower Upper

91 100

106 30.5 20.8 38.6



#53

m,p-Xylene

Concen: 5.804 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039092.D

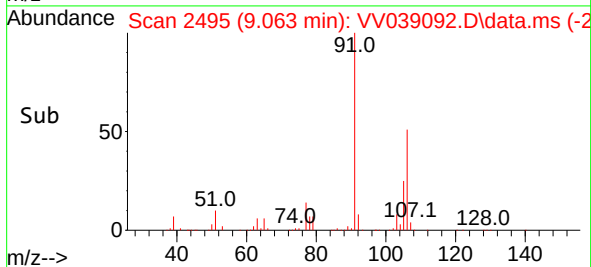
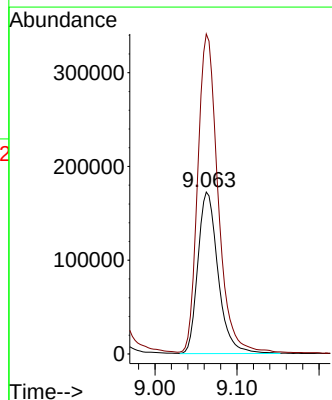
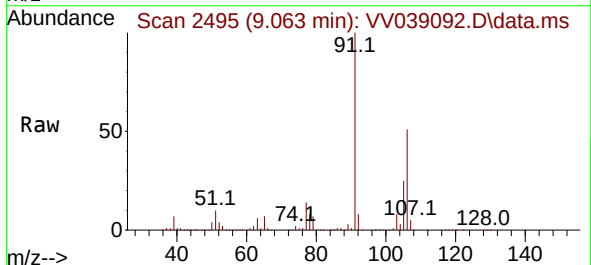
Acq: 16 Sep 2025 09:25

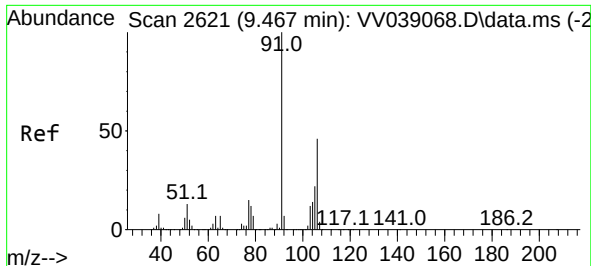
Tgt Ion: 106 Resp: 293980

Ion Ratio Lower Upper

106 100

91 197.7 140.1 260.3

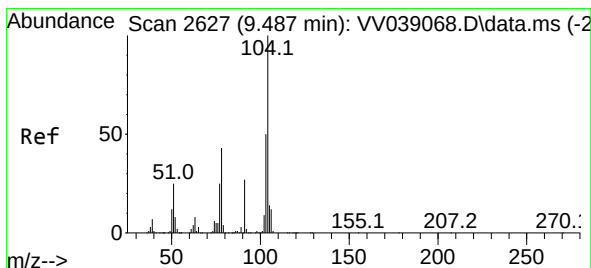
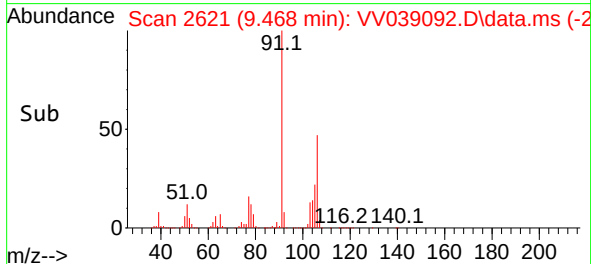
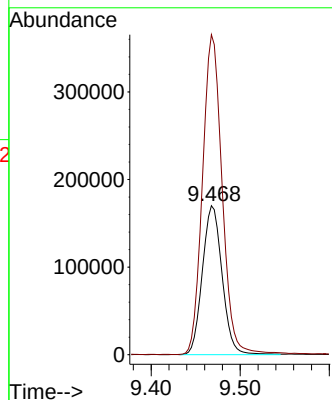
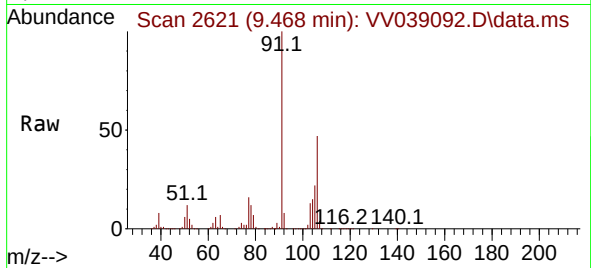




#54
o-Xylene
Concen: 5.633 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

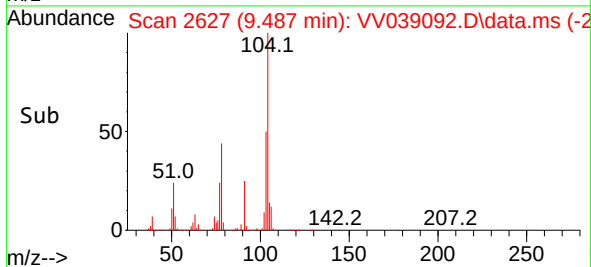
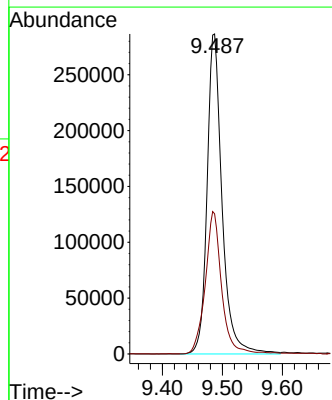
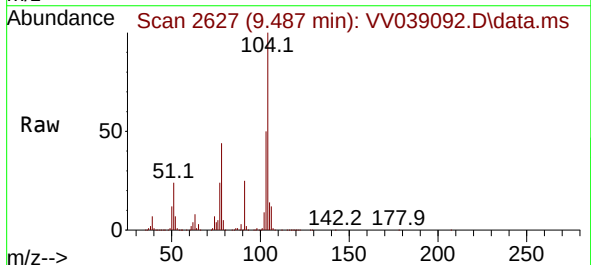
Instrument :
MSVOA_V
ClientSampleId :

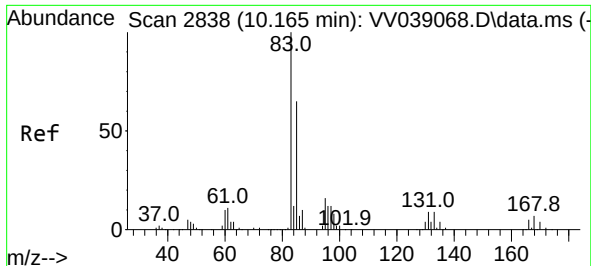
Tgt Ion:106 Resp: 261761
Ion Ratio Lower Upper
106 100
91 214.8 150.7 279.9



#55
Styrene
Concen: 6.073 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion:104 Resp: 498579
Ion Ratio Lower Upper
104 100
78 43.8 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.728 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

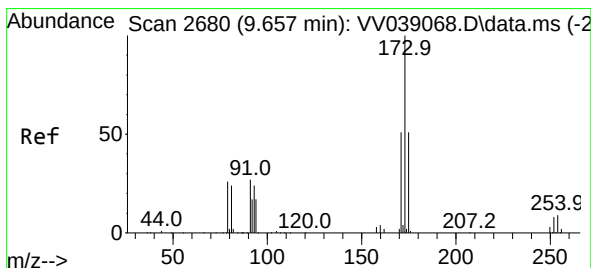
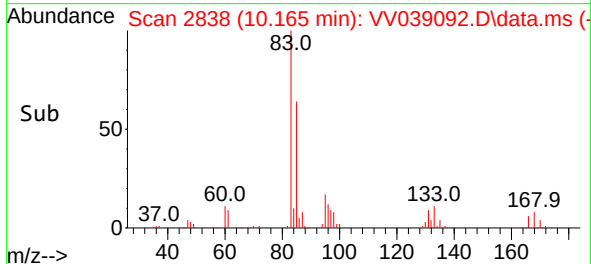
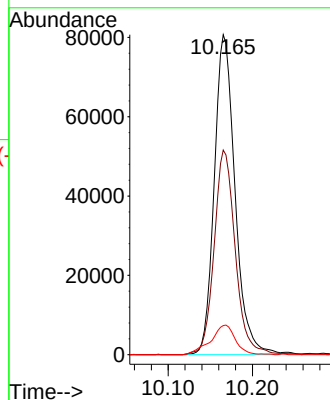
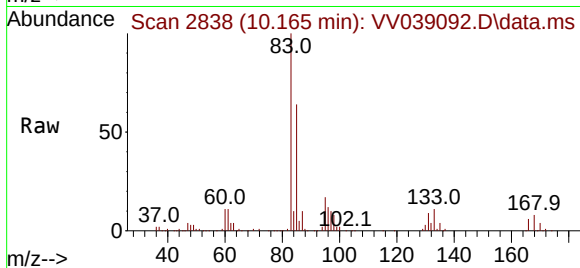
Tgt Ion: 83 Resp: 137893

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

131 9.1 7.2 10.8



#59

Bromoform

Concen: 5.179 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

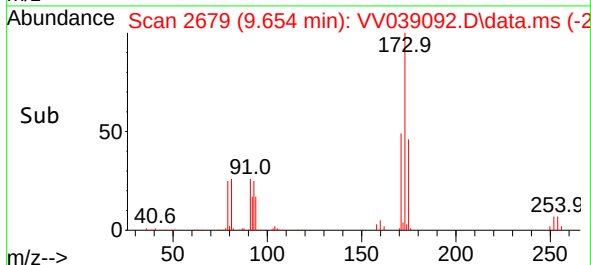
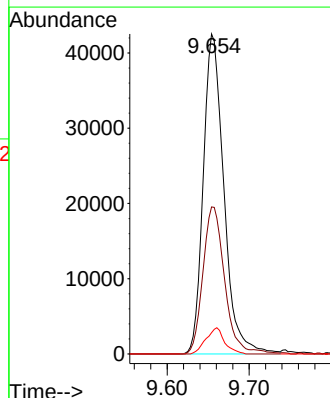
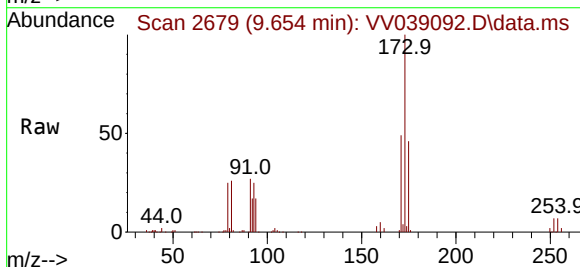
Tgt Ion: 173 Resp: 74327

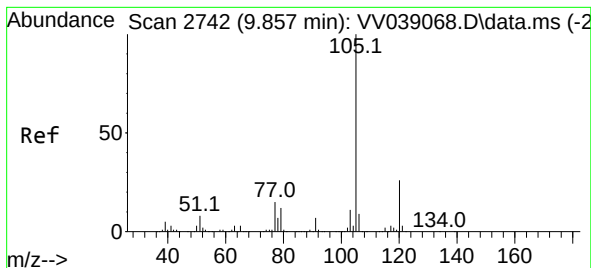
Ion Ratio Lower Upper

173 100

175 48.5 38.8 58.2

254 7.4 6.8 10.2





#60

Isopropylbenzene

Concen: 5.298 ug/L

RT: 9.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

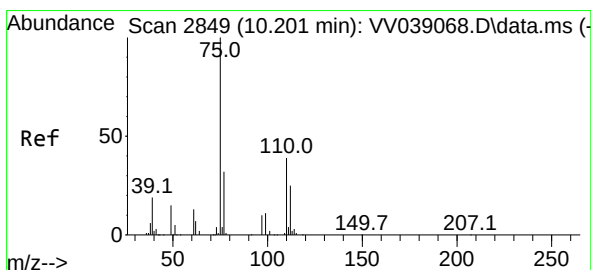
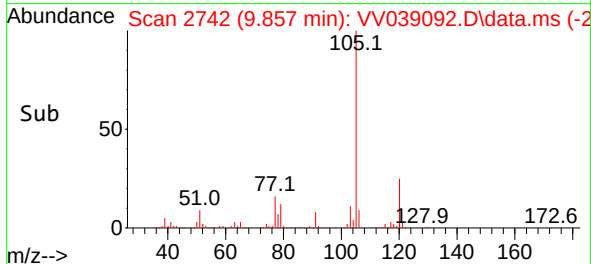
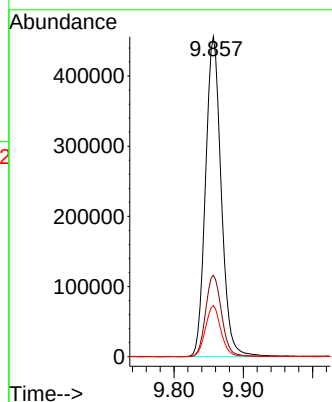
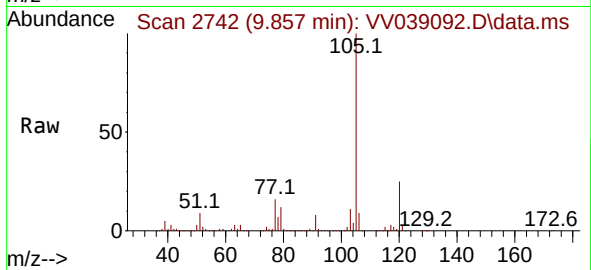
Tgt Ion:105 Resp: 716902

Ion Ratio Lower Upper

105 100

120 25.8 20.8 31.2

77 15.5 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 5.411 ug/L

RT: 10.198 min Scan# 2848

Delta R.T. -0.003 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

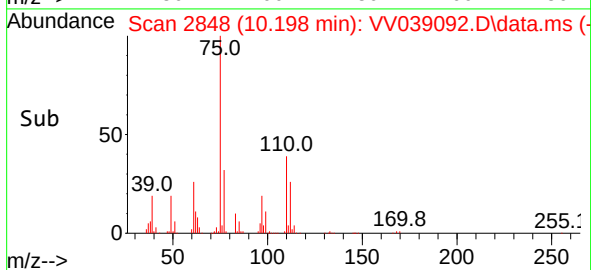
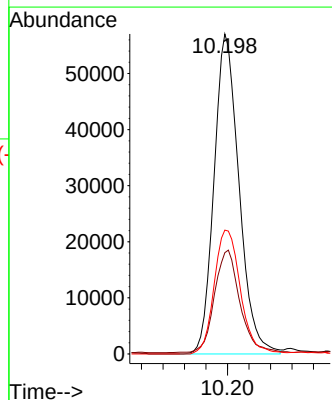
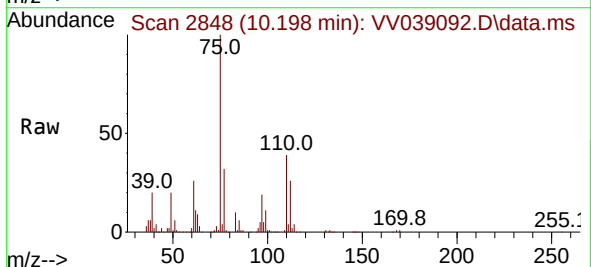
Tgt Ion: 75 Resp: 92203

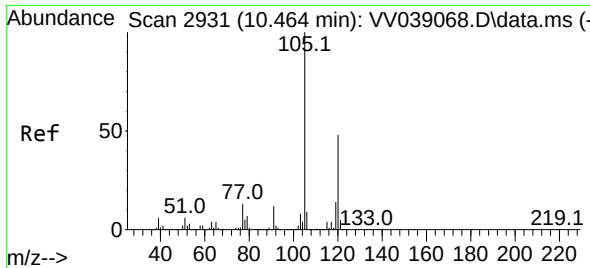
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

110 40.6 31.0 46.4

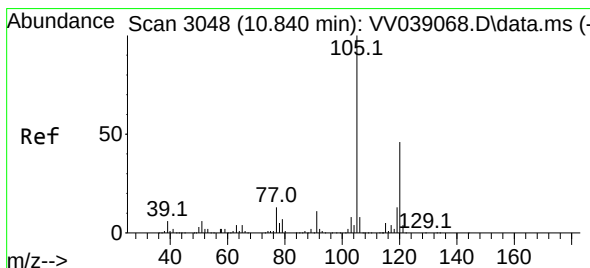
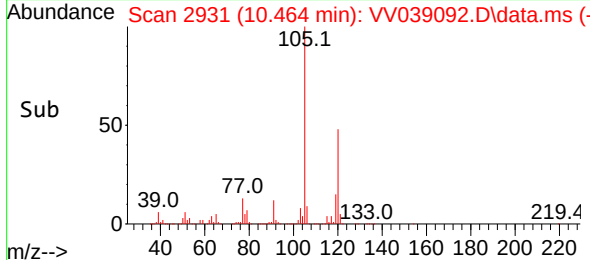
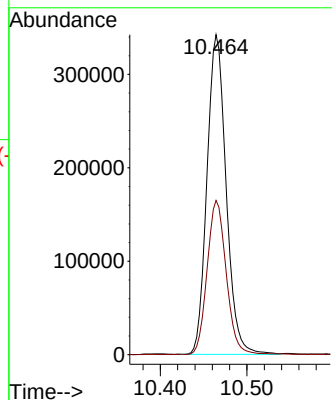
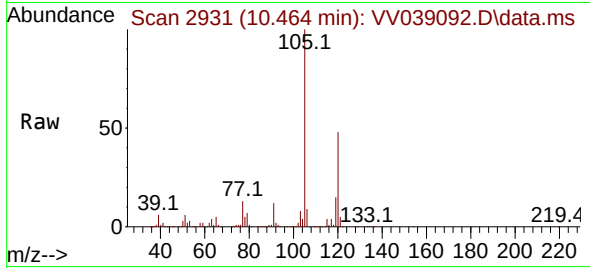




#62
 1,3,5-Trimethylbenzene
 Concen: 5.065 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

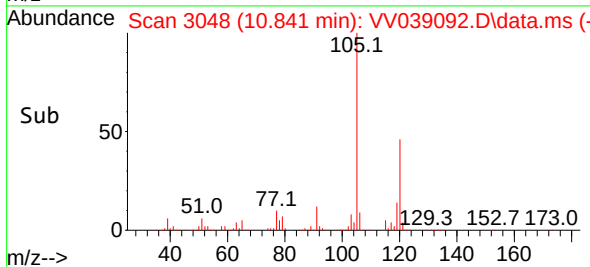
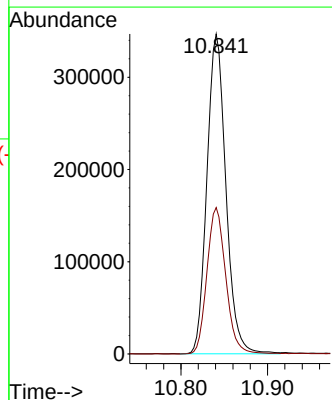
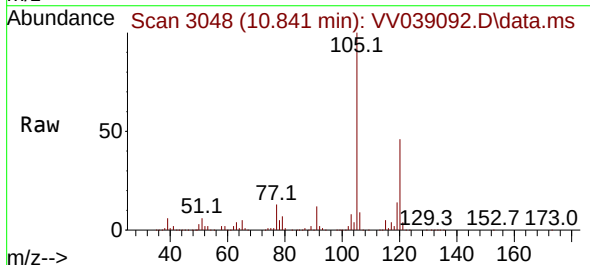
Instrument :
 MSVOA_V
 ClientSampleId :

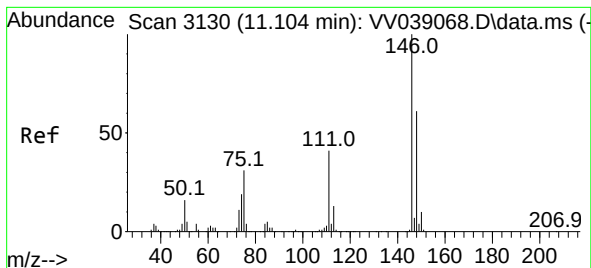
Tgt Ion:105 Resp: 526109
 Ion Ratio Lower Upper
 105 100
 120 48.2 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 5.164 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. 0.000 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion:105 Resp: 526916
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.6 54.8





#64

1,3-Dichlorobenzene

Concen: 5.405 ug/L

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

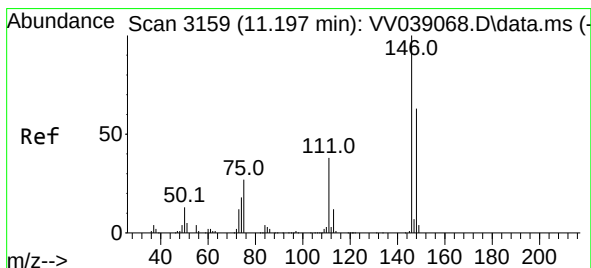
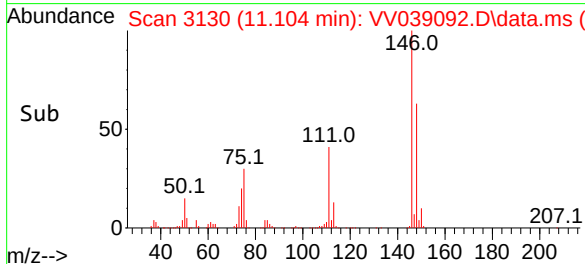
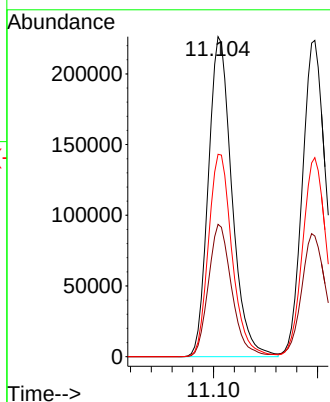
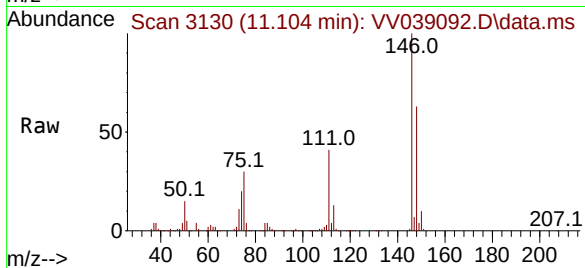
Tgt Ion:146 Resp: 356852

Ion Ratio Lower Upper

146 100

111 41.4 28.3 52.7

148 63.3 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.419 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

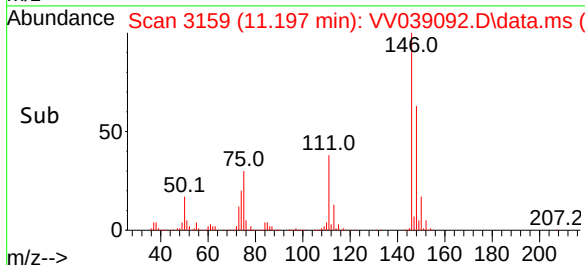
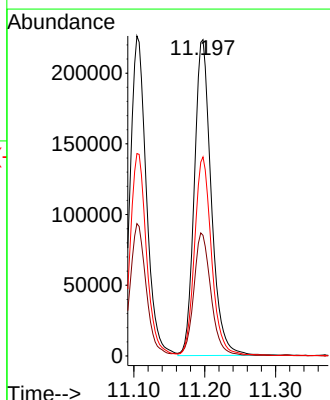
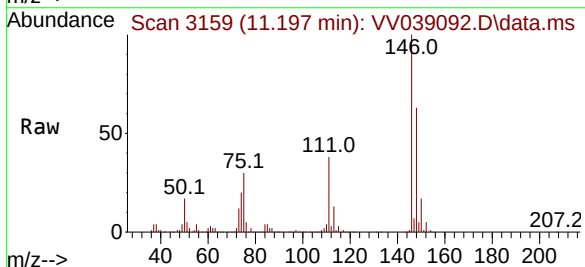
Tgt Ion:146 Resp: 370107

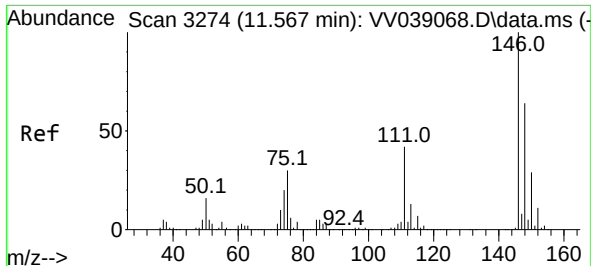
Ion Ratio Lower Upper

146 100

111 38.1 27.2 50.6

148 62.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 5.413 ug/L

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

Instrument :

MSVOA_V

ClientSampleId :

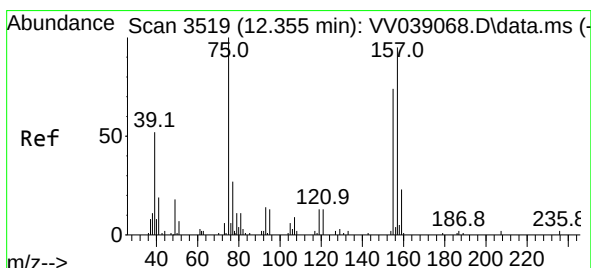
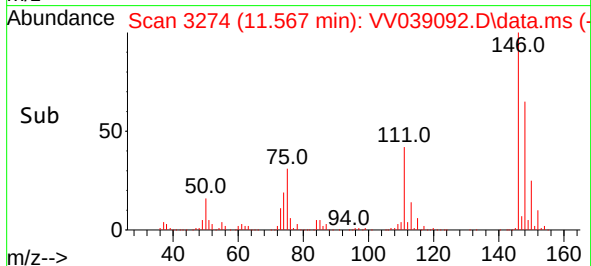
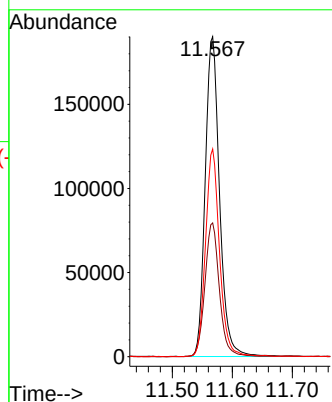
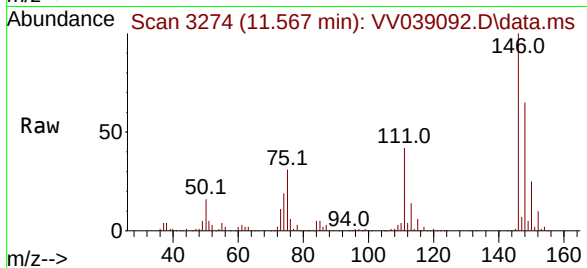
Tgt Ion:146 Resp: 316685

Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.2

148 64.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.067 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. 0.000 min

Lab File: VV039092.D

Acq: 16 Sep 2025 09:25

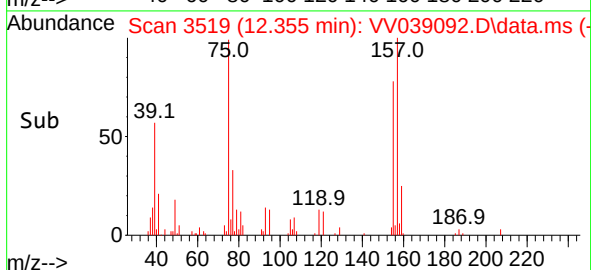
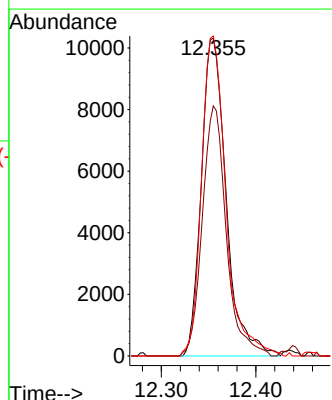
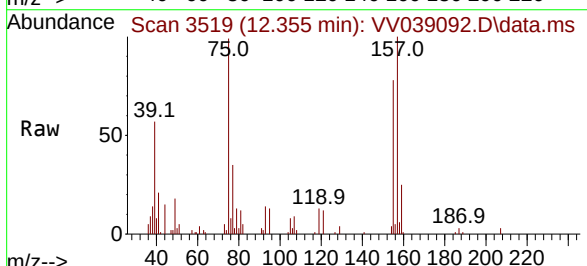
Tgt Ion: 75 Resp: 18812

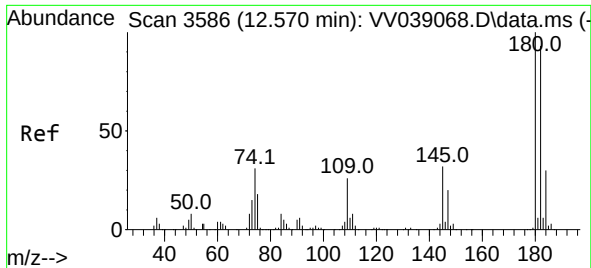
Ion Ratio Lower Upper

75 100

155 78.7 59.4 89.0

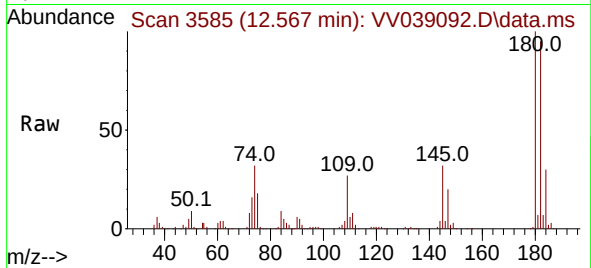
157 100.7 76.2 114.2



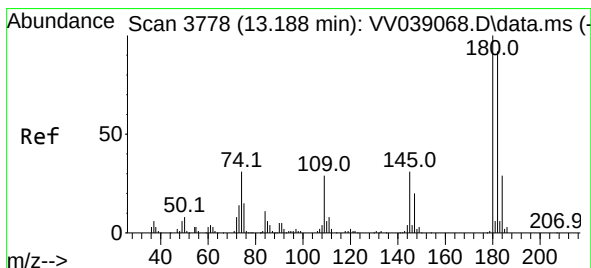
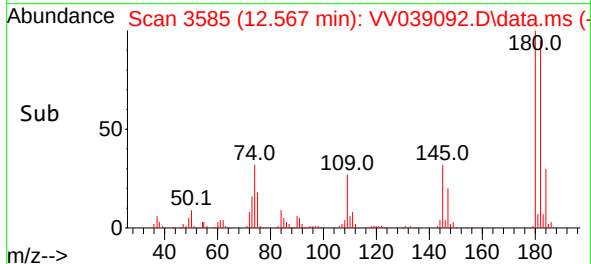
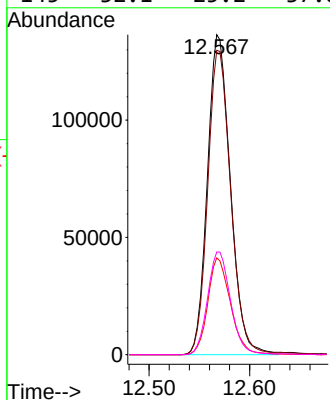


#69
 1,3,5-Trichlorobenzene
 Concen: 5.005 ug/L
 RT: 12.567 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Instrument :
 MSVOA_V
 ClientSampleId :

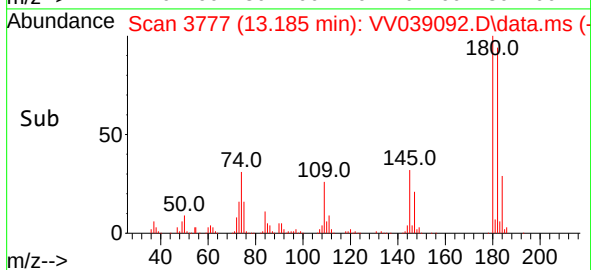
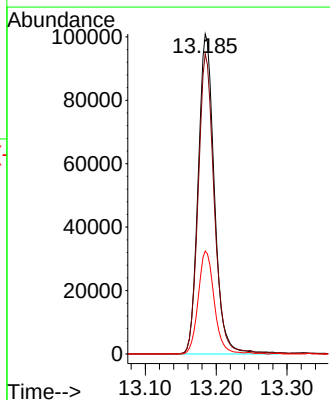
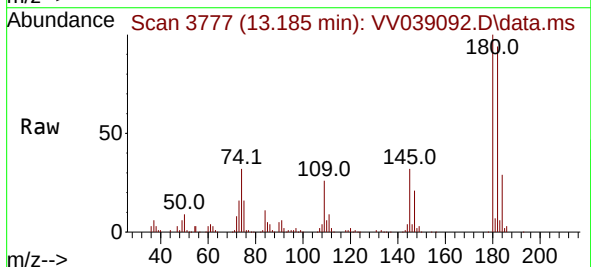


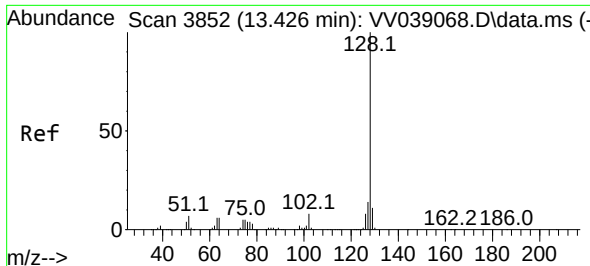
Tgt Ion:180 Resp: 216560
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.3 114.5
 184 29.9 24.0 36.0
 145 32.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.896 ug/L
 RT: 13.185 min Scan# 3777
 Delta R.T. -0.003 min
 Lab File: VV039092.D
 Acq: 16 Sep 2025 09:25

Tgt Ion:180 Resp: 159492
 Ion Ratio Lower Upper
 180 100
 182 93.0 73.2 109.8
 145 31.9 25.0 37.4

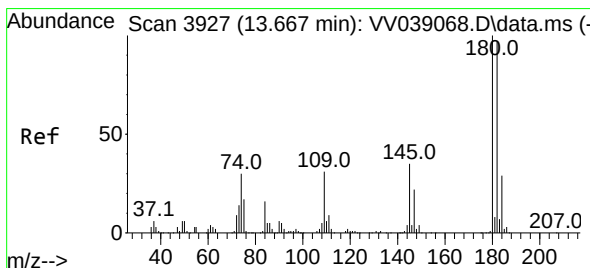
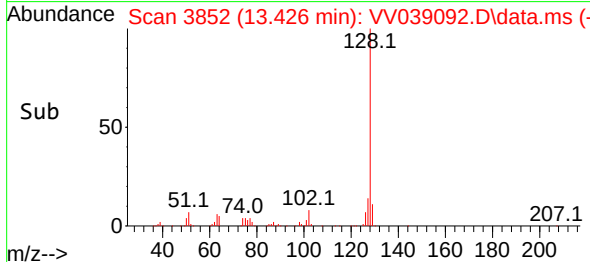
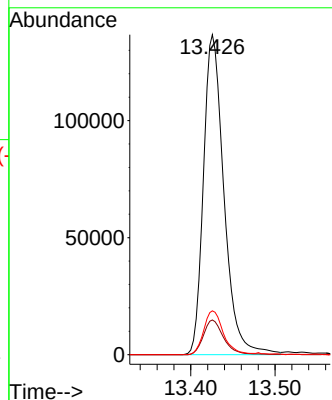
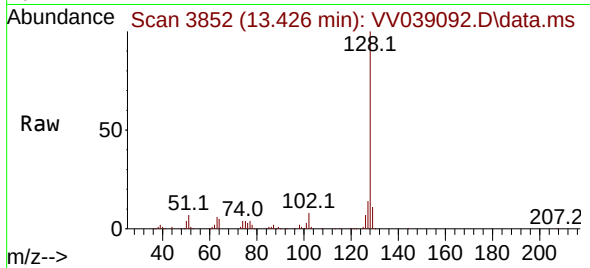




#71
Naphthalene
Concen: 4.672 ug/L
RT: 13.426 min Scan# 3852
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 231928
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.014 ug/L
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV039092.D
Acq: 16 Sep 2025 09:25

Tgt Ion:180 Resp: 145617
Ion Ratio Lower Upper
180 100
182 94.0 76.6 115.0
145 34.4 27.4 41.2

