

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111725\
 Data File : VV039388.D
 Acq On : 17 Nov 2025 12:52
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100234

Quant Time: Nov 18 01:03:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:01:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	1130598	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1127481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	682446	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	1113457	112.736	ug/L	0.00
7) Chloroethane-d5	1.542	69	818686	94.509	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	464305	98.856	ug/L	0.00
21) 2-Butanone-d5	3.780	46	1139214	162.596	ug/L	0.00
24) Chloroform-d	4.249	84	1839782	92.117	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	1137479	97.498	ug/L	0.00
32) Benzene-d6	4.957	84	3588699	101.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1109503	95.137	ug/L	0.00
41) Toluene-d8	7.233	98	3404822	107.679	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	579329	111.677	ug/L	0.00
47) 2-Hexanone-d5	8.008	63	901562	192.602	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.136	84	1534723	88.960	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	1326965	98.871	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	730042	58.805	ug/L	99
3) Chloromethane	1.230	50	789881	62.396	ug/L	99
5) Vinyl chloride	1.298	62	908208	68.853	ug/L	98
6) Bromomethane	1.494	94	519155	78.244	ug/L	98
8) Chloroethane	1.558	64	581708	72.412	ug/L	97
9) Trichlorofluoromethane	1.725	101	1435629	79.808	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	882657	82.208	ug/L	99
12) 1,1-Dichloroethene	2.082	96	760086	79.239	ug/L	98
13) Acetone	2.114	43	1354029	253.253	ug/L	99
14) Carbon disulfide	2.252	76	2151147	74.566	ug/L	99
15) Methyl Acetate	2.378	43	978345	77.143	ug/L	100
16) Methylene chloride	2.455	84	875886	78.757	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	828599	85.563	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	2700688	92.466	ug/L	100
19) 1,1-Dichloroethane	3.117	63	1599794	80.180	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	958078	92.255	ug/L	99
22) 2-Butanone	3.857	43	1475147	192.243	ug/L	99
23) Bromochloromethane	4.146	128	526571	93.588	ug/L	99
25) Chloroform	4.275	83	1710184	85.842	ug/L	99
27) 1,2-Dichloroethane	5.037	62	1327237	88.344	ug/L	99
29) Cyclohexane	4.584	56	1449478	92.844	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	1494452	90.260	ug/L	100
31) Carbon tetrachloride	4.735	117	1372546	94.303	ug/L	99
33) Benzene	5.008	78	3485040	89.232	ug/L	100
34) Trichloroethene	5.828	95	936295	89.953	ug/L	100
35) Methylcyclohexane	6.047	83	1491086	92.731	ug/L	98
37) 1,2-Dichloropropane	6.085	63	959573	85.514	ug/L	99
38) Bromodichloromethane	6.423	83	1304667	88.423	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	1633275	100.793	ug/L	99
40) 4-Methyl-2-pentanone	7.143	43	2680210	178.375	ug/L	98
42) Toluene	7.304	91	3825272	94.510	ug/L	99
44) trans-1,3-Dichloropropene	7.567	75	1558934	99.197	ug/L	98

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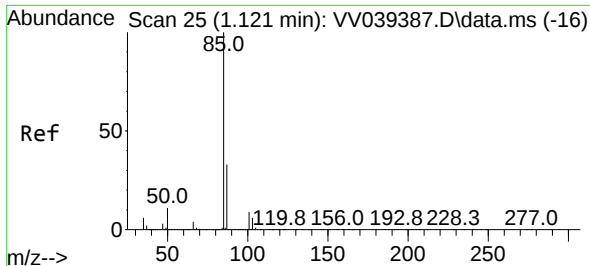
Quant Time: Nov 18 01:03:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:01:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	976728	87.754	ug/L	99
46) Tetrachloroethene	7.895	164	848330	106.266	ug/L	99
48) 2-Hexanone	8.059	43	2149075	192.724	ug/L	99
49) Dibromochloromethane	8.165	129	1127397	97.959	ug/L	99
50) 1,2-Dibromoethane	8.268	107	1054045	91.938	ug/L	100
51) Chlorobenzene	8.802	112	2570585	93.250	ug/L	99
52) Ethylbenzene	8.934	91	4299335	98.346	ug/L	100
53) m,p-Xylene	9.059	106	1670299	103.550	ug/L	100
54) o-Xylene	9.464	106	1612368	103.339	ug/L	99
55) Styrene	9.480	104	2852557	105.020	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.162	83	1555037	85.336	ug/L	99
59) Bromoform	9.651	173	947681	96.991	ug/L	98
60) Isopropylbenzene	9.853	105	4350763	91.366	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	1203068	74.308	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	3532564	95.099	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	3519043	96.262	ug/L	100
64) 1,3-Dichlorobenzene	11.101	146	2183215	93.628	ug/L	100
65) 1,4-Dichlorobenzene	11.194	146	2255466	89.959	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	2134144	90.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.349	75	343216	74.285	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	1606426	102.166	ug/L	100
70) 1,2,4-trichlorobenzene	13.185	180	1455542	108.229	ug/L	100
71) Naphthalene	13.422	128	4435706	97.107	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	1508479	107.500	ug/L	100

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

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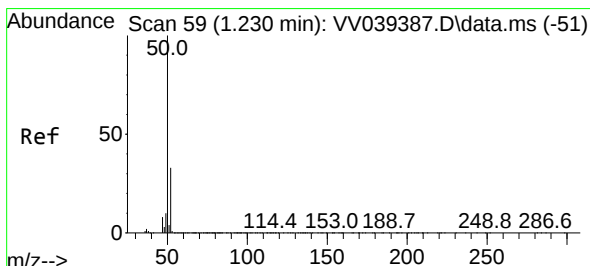
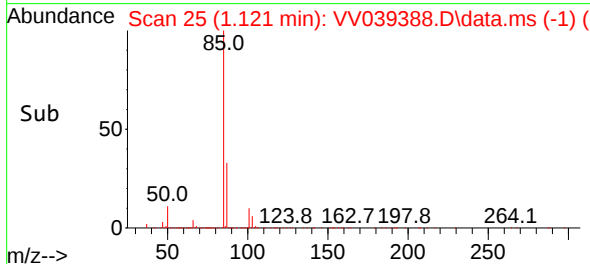
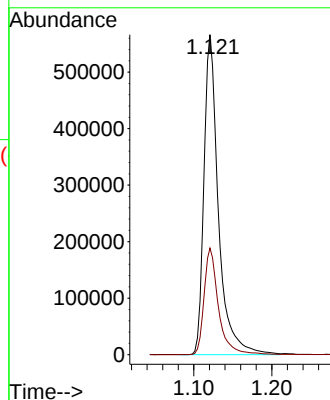
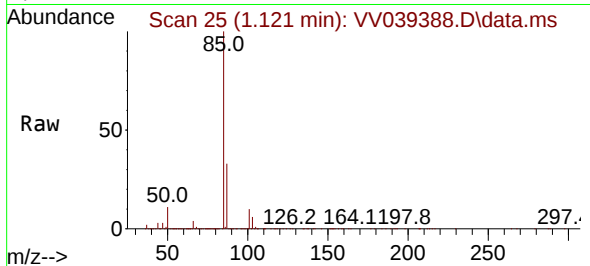




#2
 Dichlorodifluoromethane
 Concen: 58.805 ug/L
 RT: 1.121 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

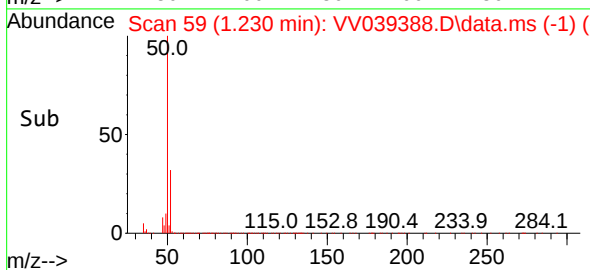
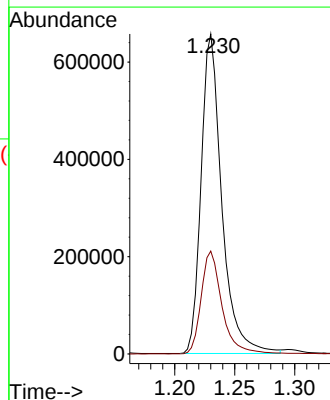
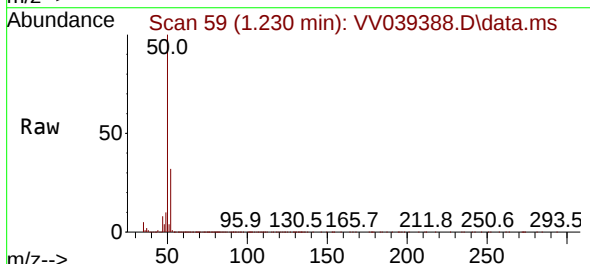
Instrument :
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 ClientSampleId :
 VSTD100234

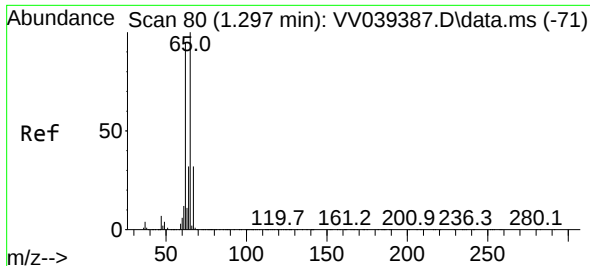
Tgt Ion: 85 Resp: 730042
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.1 39.1



#3
 Chloromethane
 Concen: 62.396 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

Tgt Ion: 50 Resp: 789881
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.7 42.3

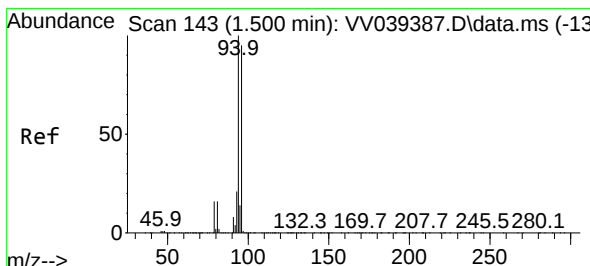
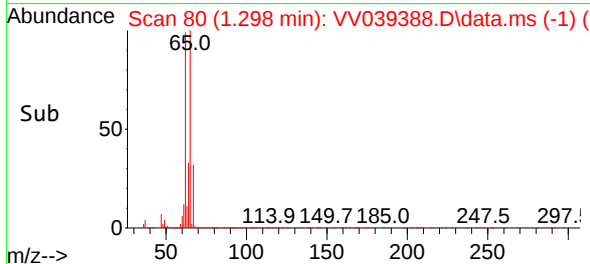
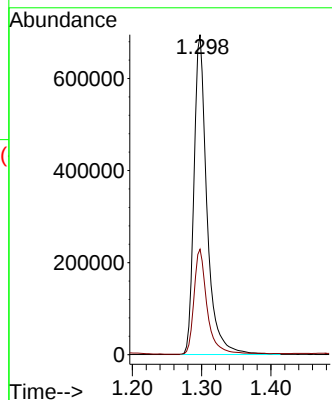
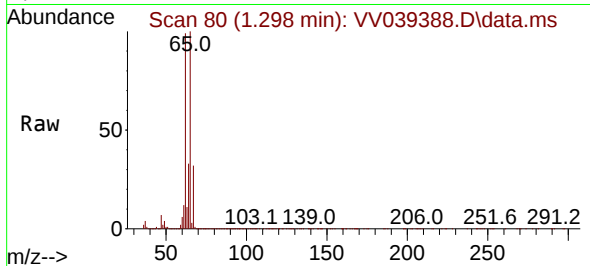




#5
 Vinyl chloride
 Concen: 68.853 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

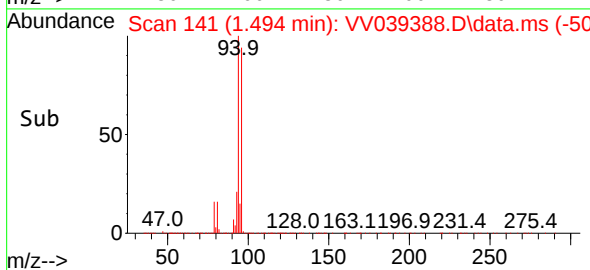
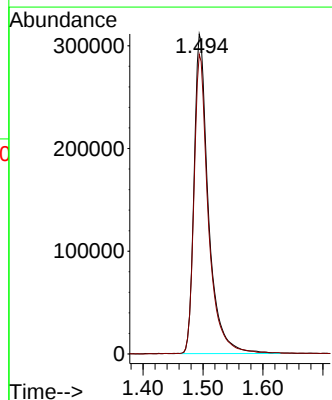
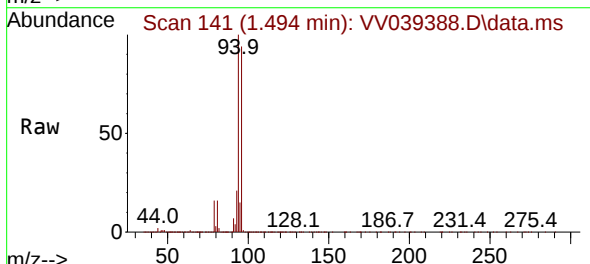
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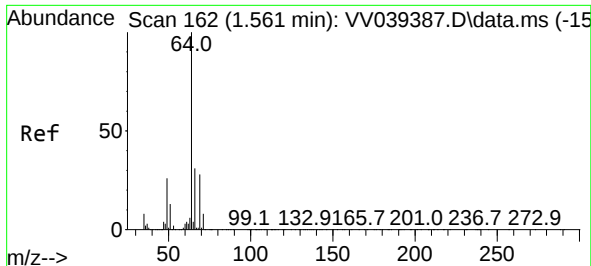
Tgt Ion: 62 Resp: 908208
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 44.1



#6
 Bromomethane
 Concen: 78.244 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

Tgt Ion: 94 Resp: 519155
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.6 123.8

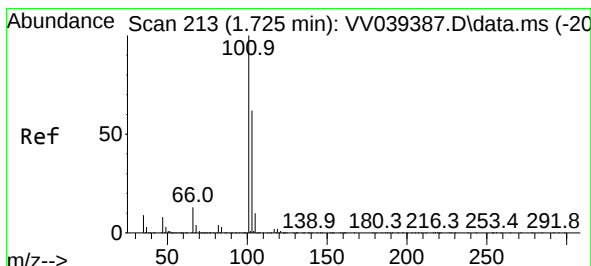
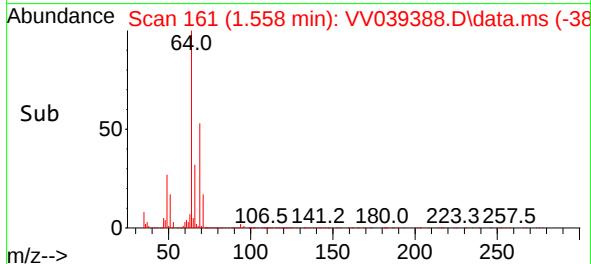
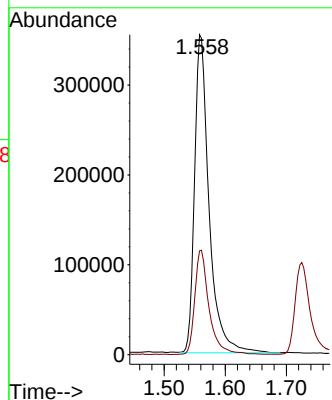
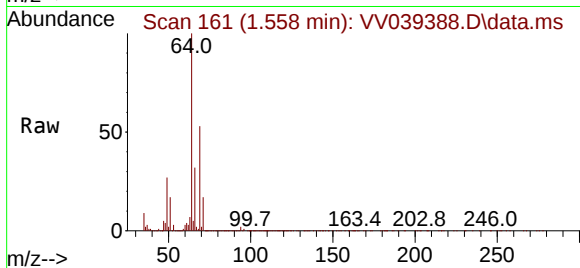




#8
Chloroethane
Concen: 72.412 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

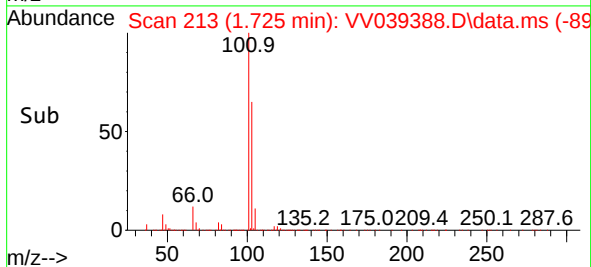
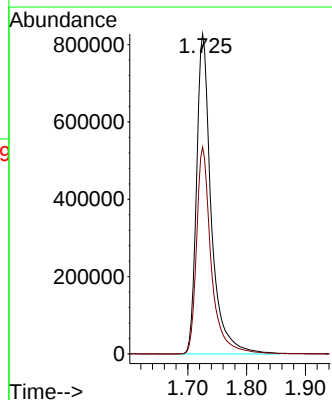
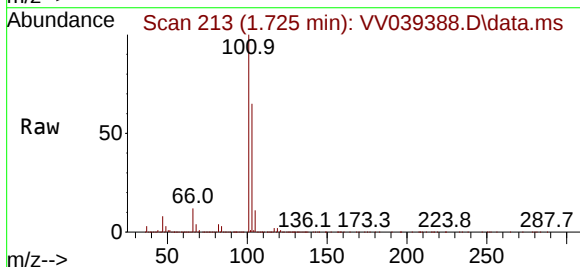
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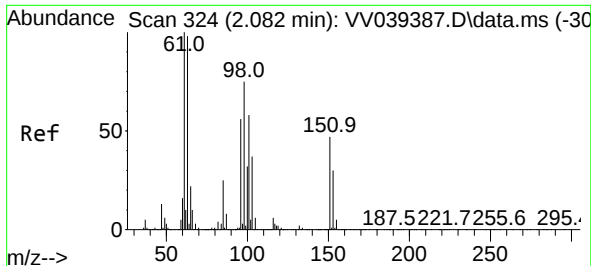
Tgt Ion: 64 Resp: 581708
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 79.808 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 101 Resp: 1435629
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.6

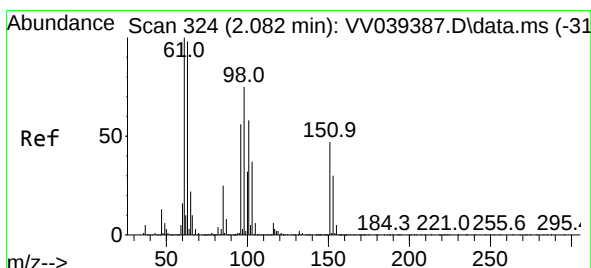
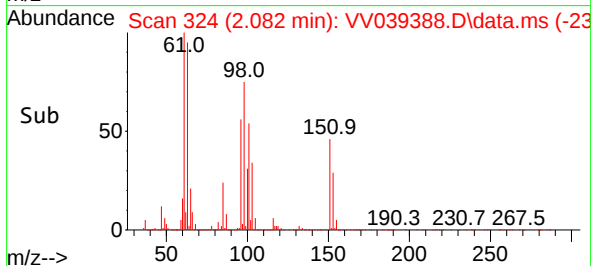
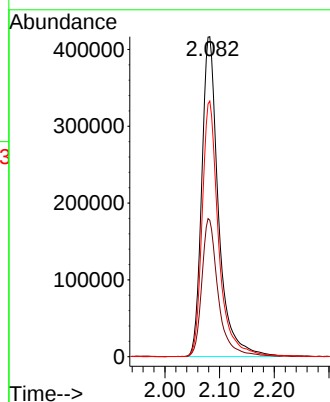
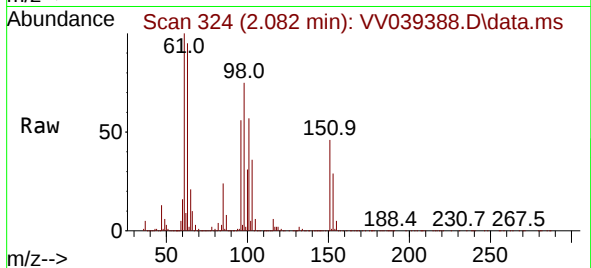




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 82.208 ug/L
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

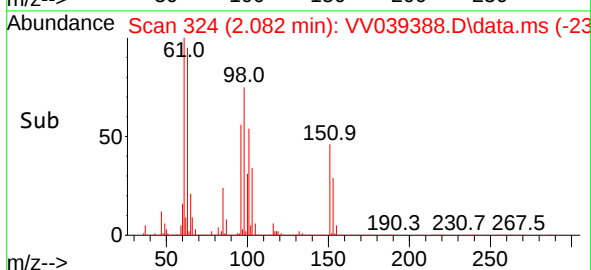
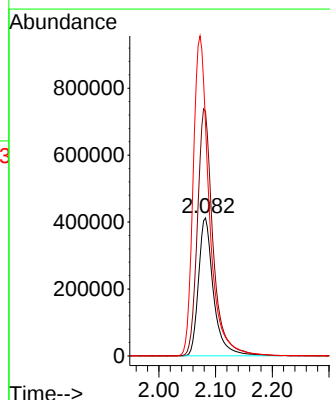
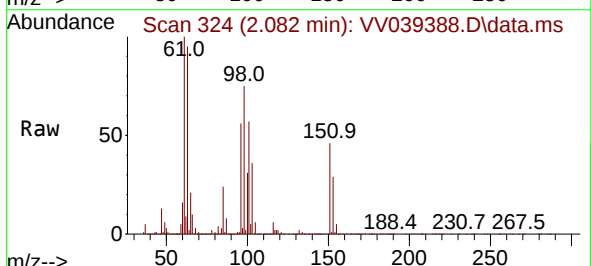
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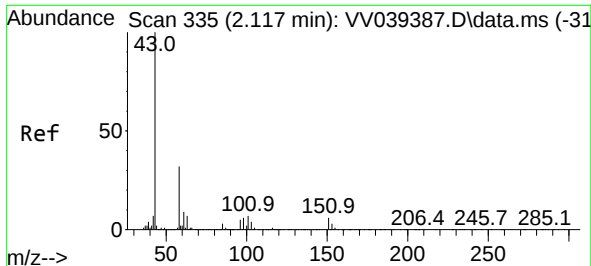
Tgt Ion:101 Resp: 882657
Ion Ratio Lower Upper
101 100
85 42.4 33.7 50.5
151 78.7 63.6 95.4



#12
1,1-Dichloroethene
Concen: 79.239 ug/L
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 96 Resp: 760086
Ion Ratio Lower Upper
96 100
61 177.3 124.3 230.8
63 168.8 121.8 226.2

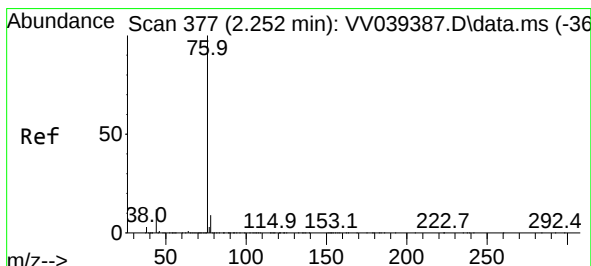
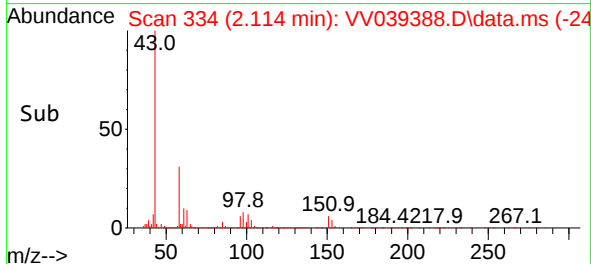
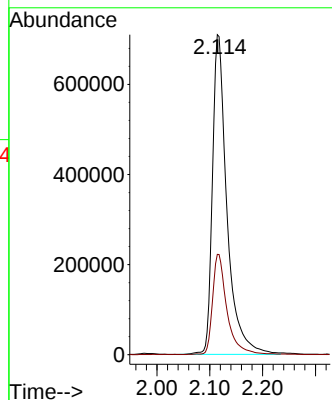
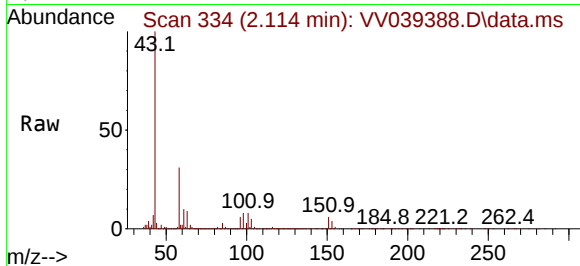




#13
Acetone
Concen: 253.253 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV039388.D
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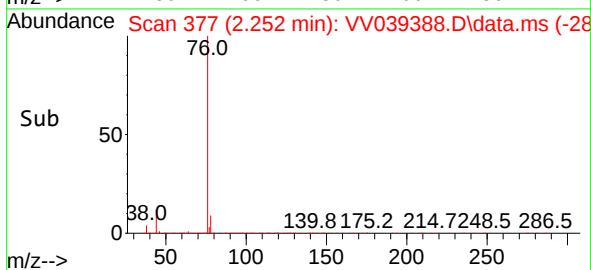
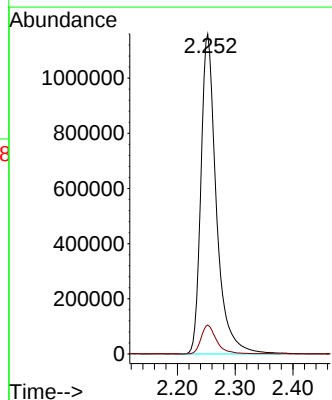
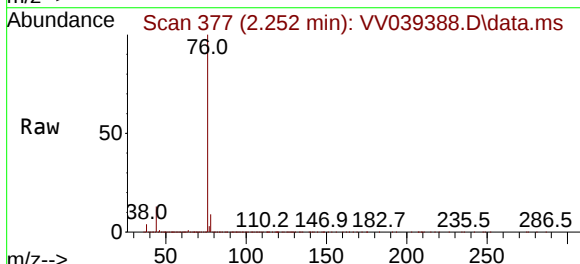
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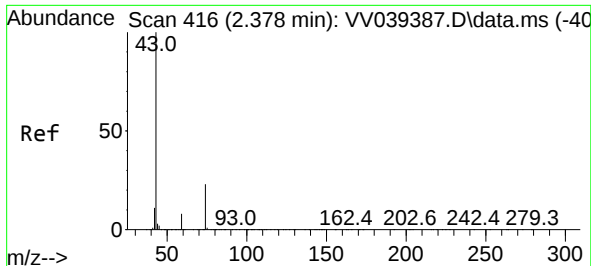
Tgt Ion: 43 Resp: 1354029
Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.2



#14
Carbon disulfide
Concen: 74.566 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 76 Resp: 2151147
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

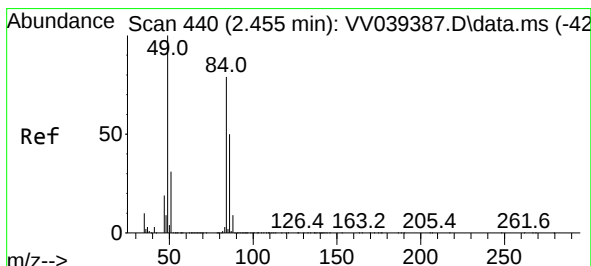
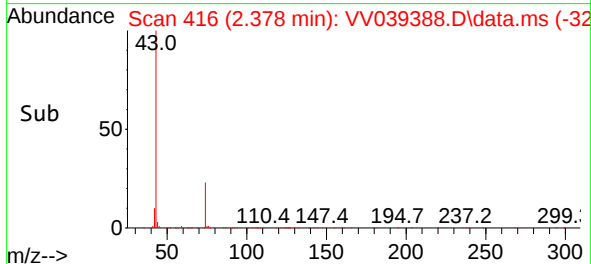
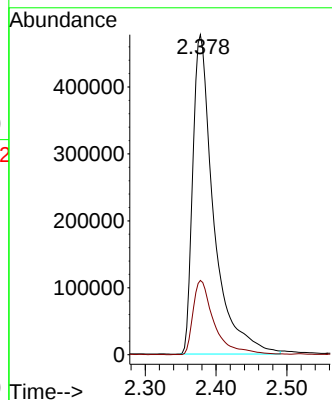
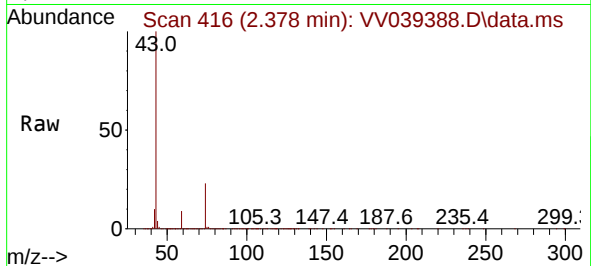




#15
Methyl Acetate
Concen: 77.143 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

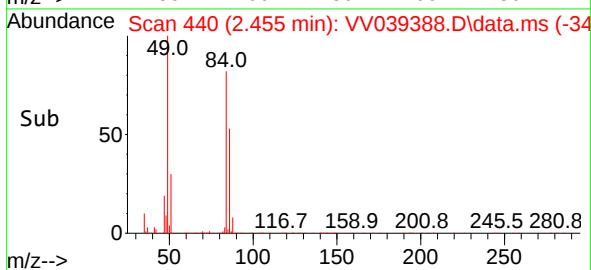
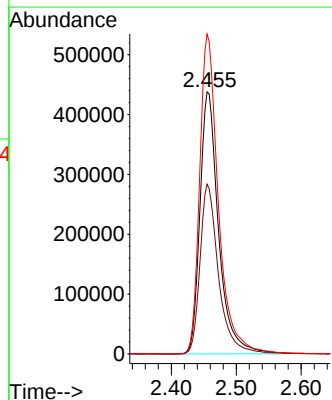
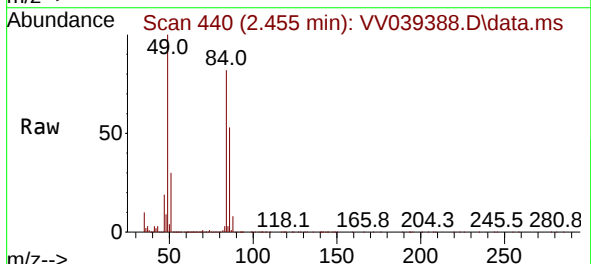
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

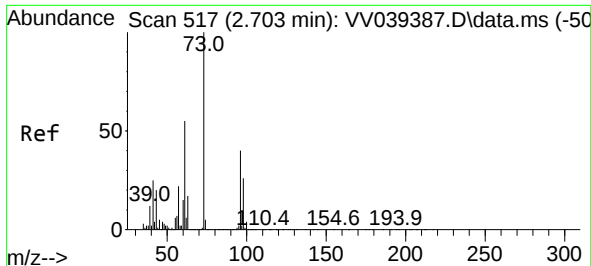
Tgt Ion: 43 Resp: 978345
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1



#16
Methylene chloride
Concen: 78.757 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 84 Resp: 875886
Ion Ratio Lower Upper
84 100
86 64.8 44.4 82.5
49 122.1 88.2 163.8

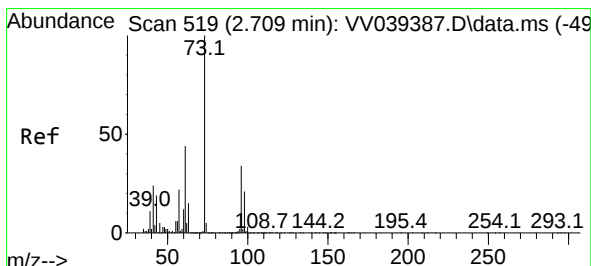
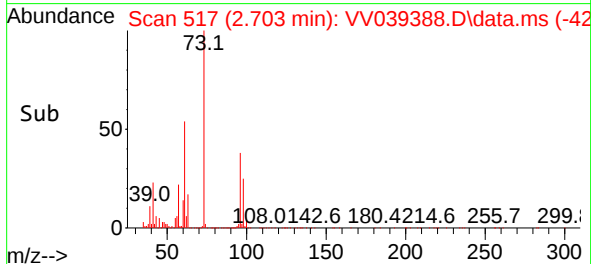
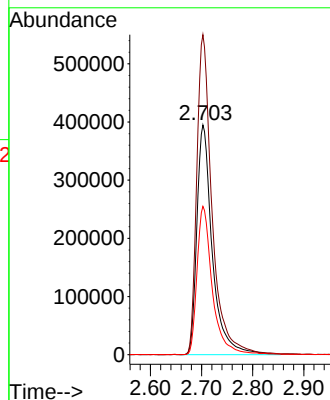
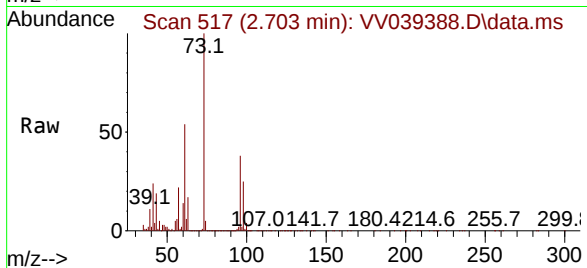




#17
trans-1,2-Dichloroethene
Concen: 85.563 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

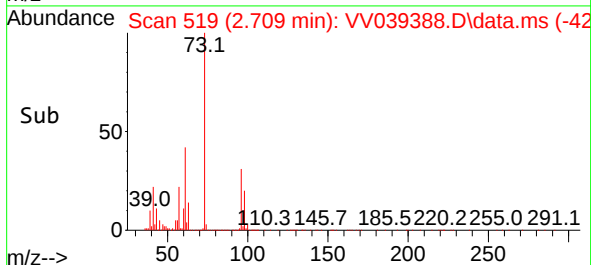
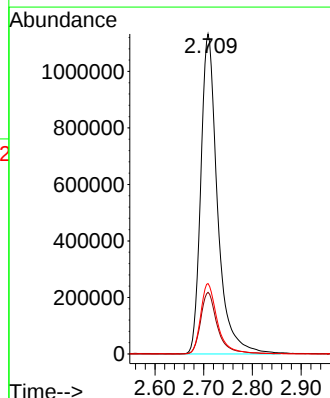
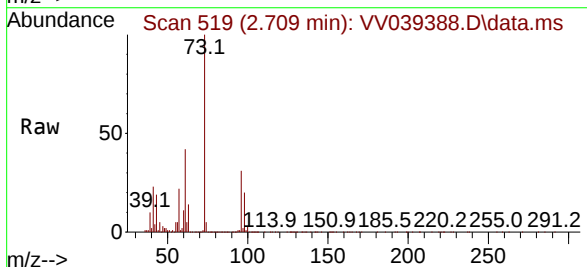
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

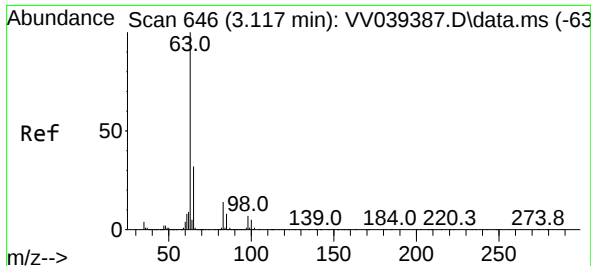
Tgt Ion: 96 Resp: 828599
Ion Ratio Lower Upper
96 100
61 139.3 96.1 178.5
98 64.5 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 92.466 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 73 Resp: 2700688
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 22.1 17.6 26.4



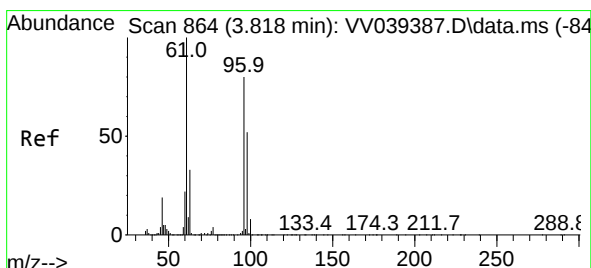
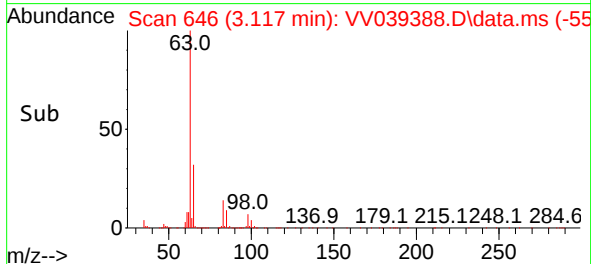
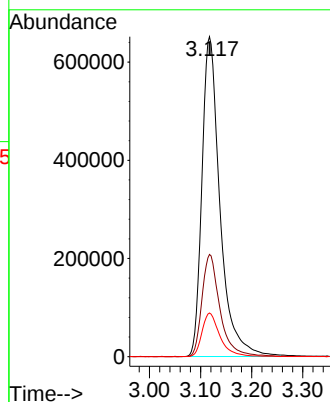
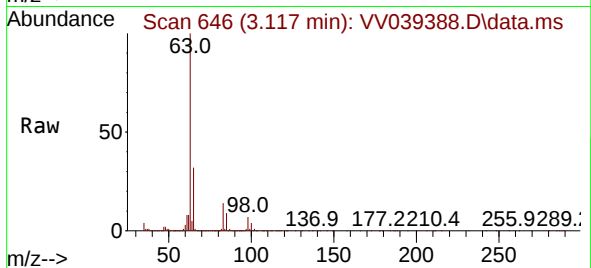


#19
1,1-Dichloroethane
Concen: 80.180 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

Tgt Ion: 63 Resp: 1599794

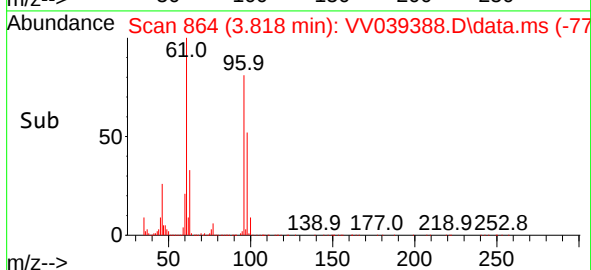
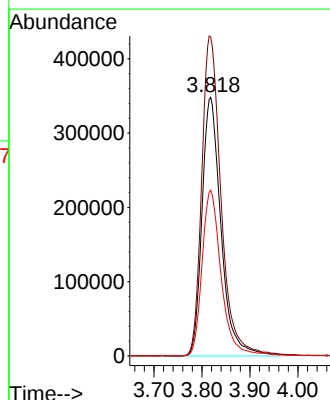
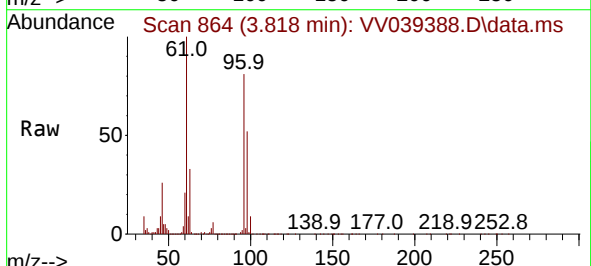
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	13.7	9.6	17.8

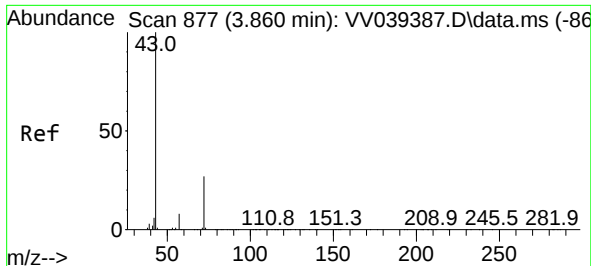


#20
cis-1,2-Dichloroethene
Concen: 92.255 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 96 Resp: 958078

Ion	Ratio	Lower	Upper
96	100		
61	123.2	87.3	162.1
98	64.1	45.1	83.7

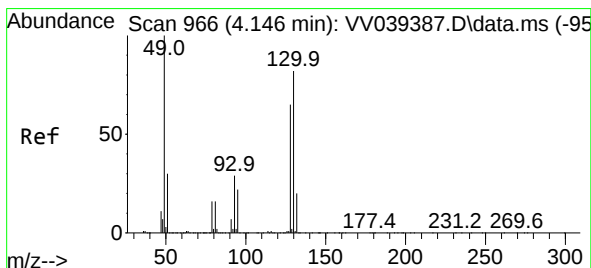
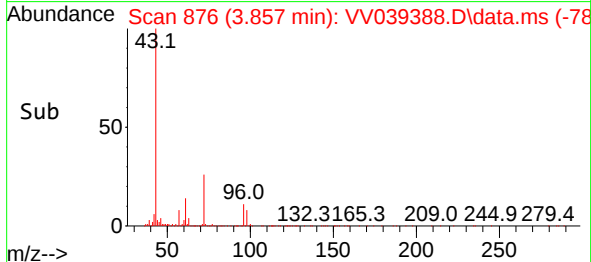
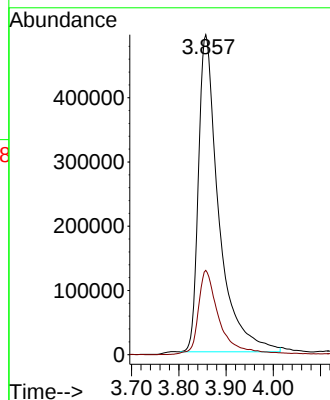
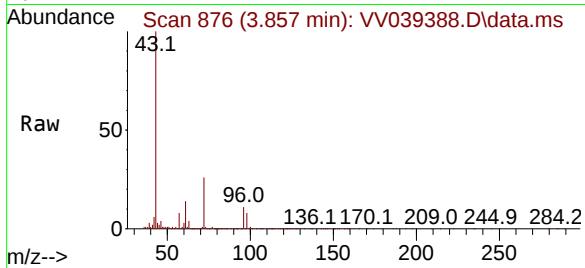




#22
2-Butanone
Concen: 192.243 ug/L
RT: 3.857 min Scan# 877
Delta R.T. -0.003 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

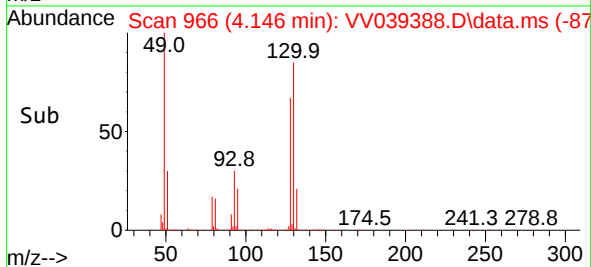
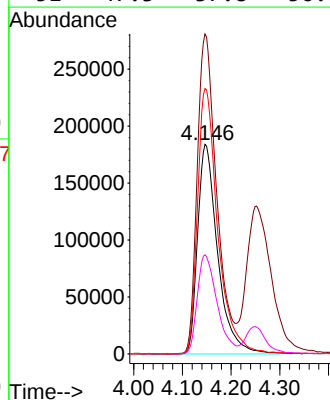
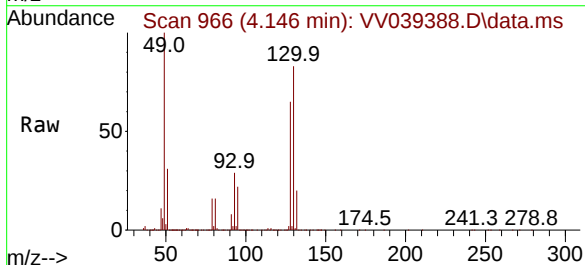
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

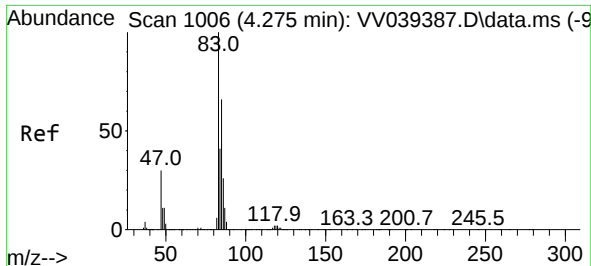
Tgt Ion: 43 Resp: 1475147
Ion Ratio Lower Upper
43 100
72 26.1 13.3 39.9



#23
Bromochloromethane
Concen: 93.588 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion:128 Resp: 526571
Ion Ratio Lower Upper
128 100
49 152.7 108.6 201.6
130 126.7 89.2 165.6
51 47.3 37.8 56.8

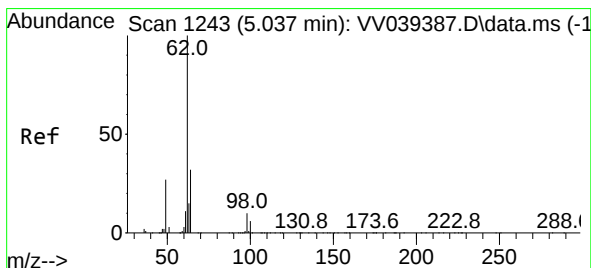
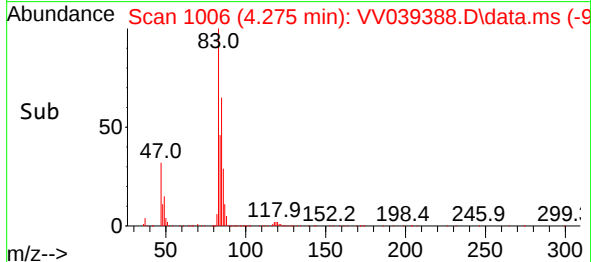
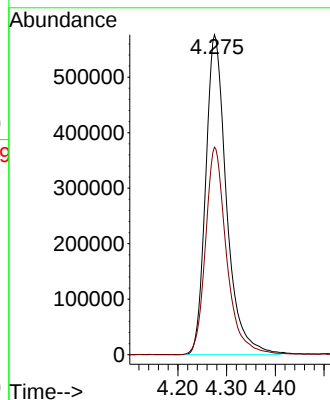
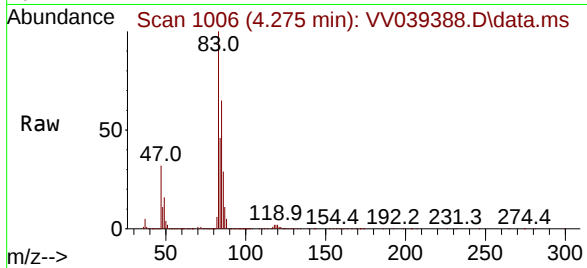




#25
Chloroform
Concen: 85.842 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

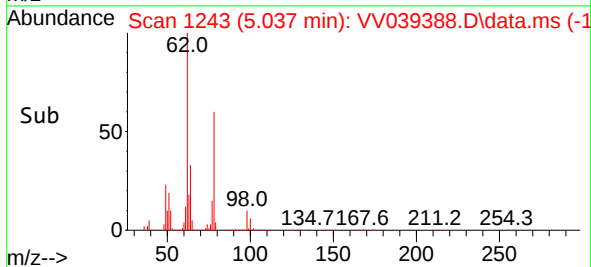
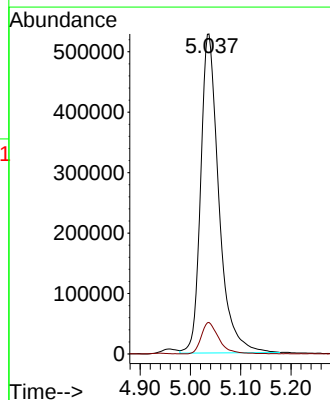
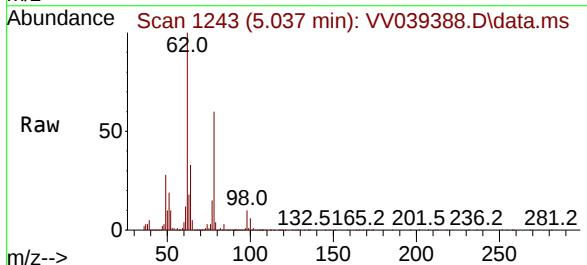
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

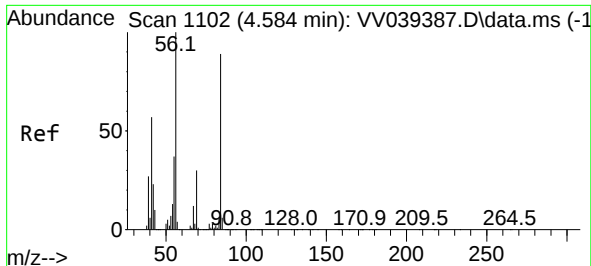
Tgt Ion: 83 Resp: 1710184
Ion Ratio Lower Upper
83 100
85 64.9 46.0 85.4



#27
1,2-Dichloroethane
Concen: 88.344 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 62 Resp: 1327237
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5



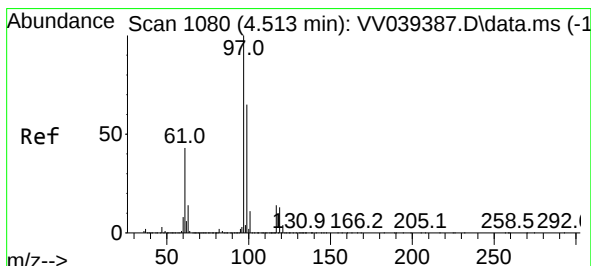
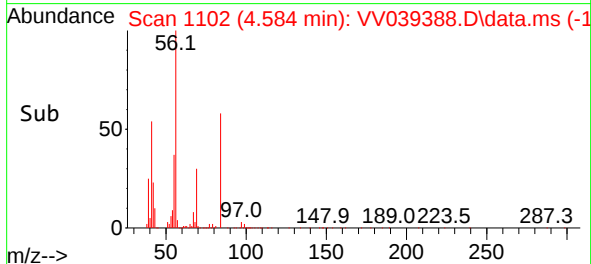
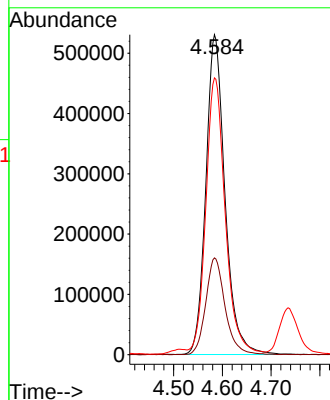
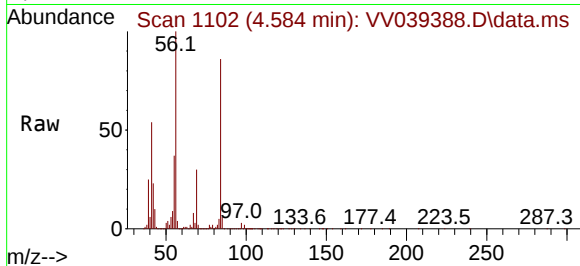


#29
Cyclohexane
Concen: 92.844 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

Tgt Ion: 56 Resp: 1449478

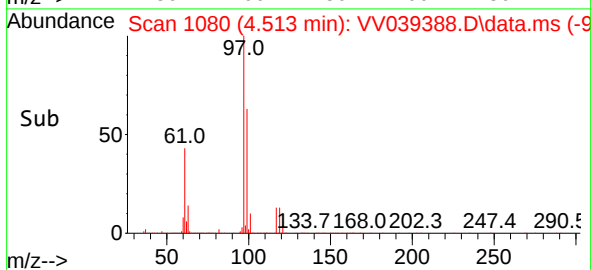
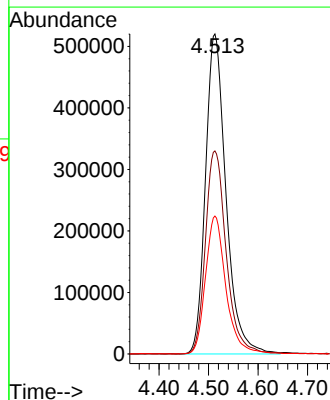
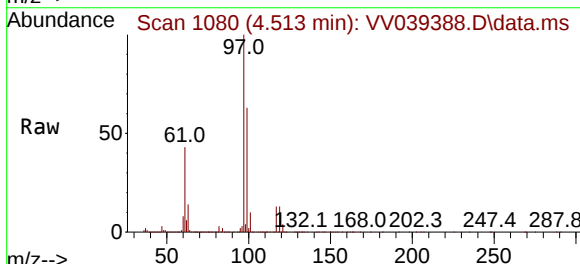
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.1	36.1
84	87.6	70.7	106.1

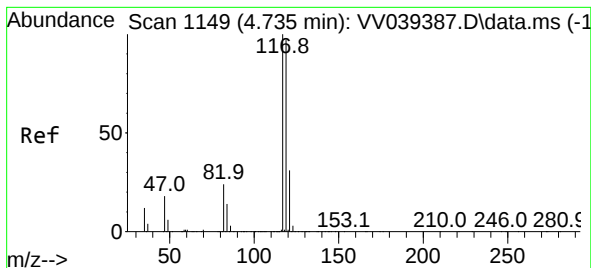


#30
1,1,1-Trichloroethane
Concen: 90.260 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 97 Resp: 1494452

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	42.9	34.5	51.7





#31

Carbon tetrachloride

Concen: 94.303 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

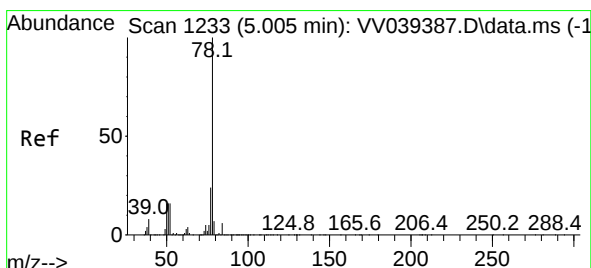
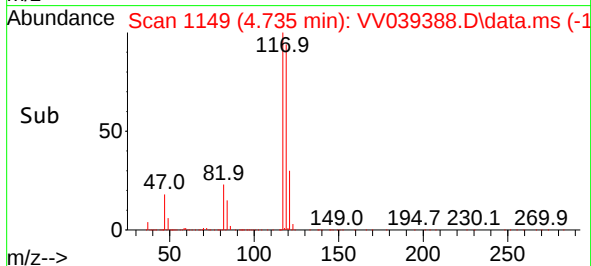
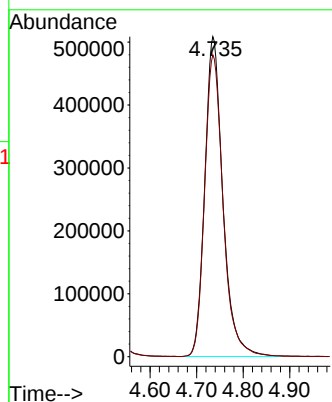
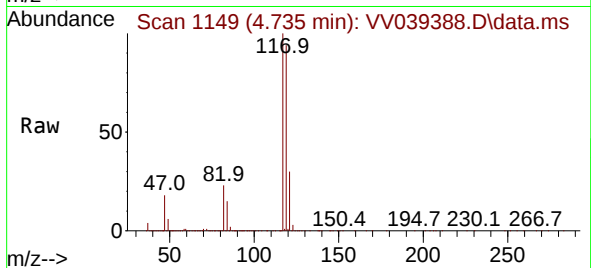
VSTD100234

Tgt Ion:117 Resp: 1372546

Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1



#33

Benzene

Concen: 89.232 ug/L

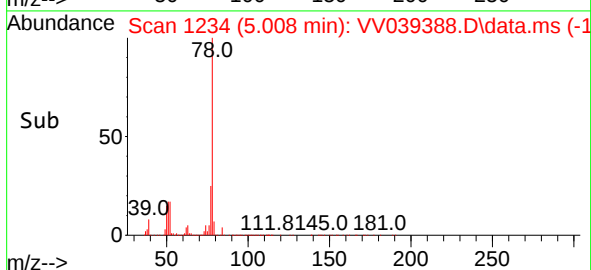
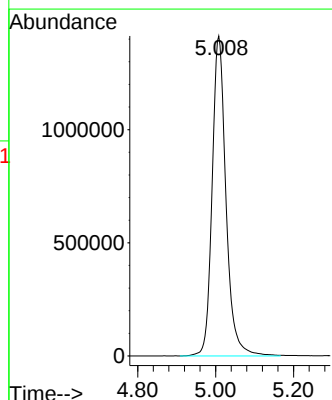
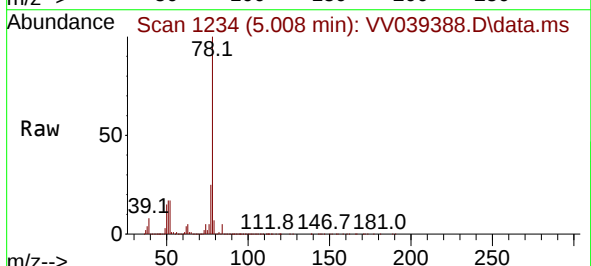
RT: 5.008 min Scan# 1234

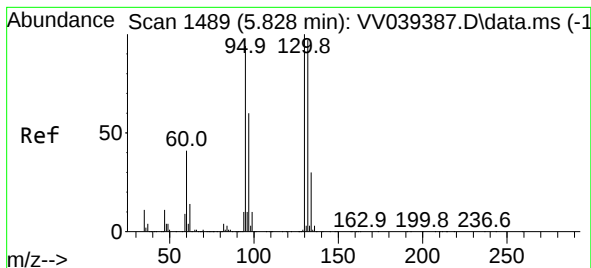
Delta R.T. 0.003 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Tgt Ion: 78 Resp: 3485040





#34

Trichloroethene

Concen: 89.953 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD100234

Tgt Ion: 95 Resp: 936295

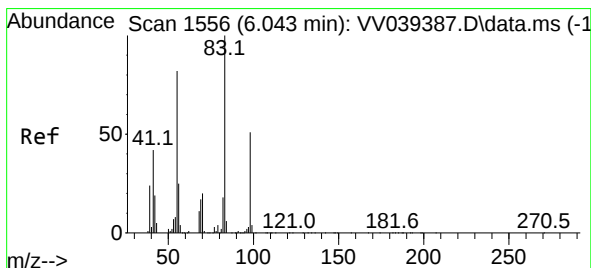
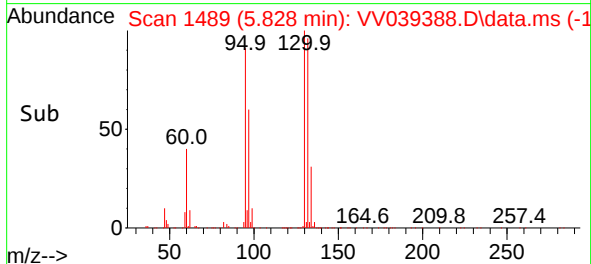
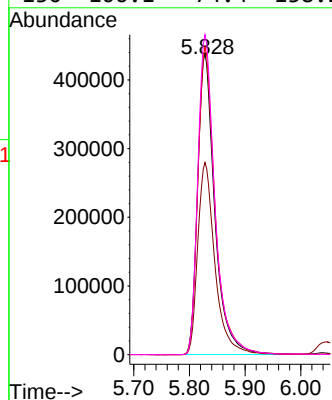
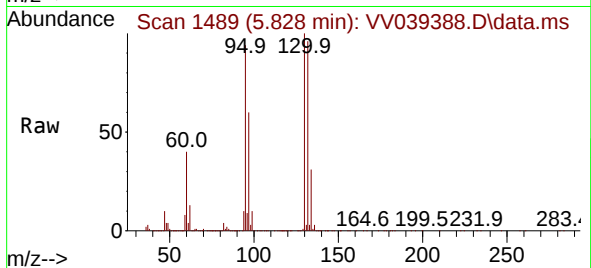
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.5

132 102.0 71.9 133.5

130 106.1 74.4 138.2



#35

Methylcyclohexane

Concen: 92.731 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

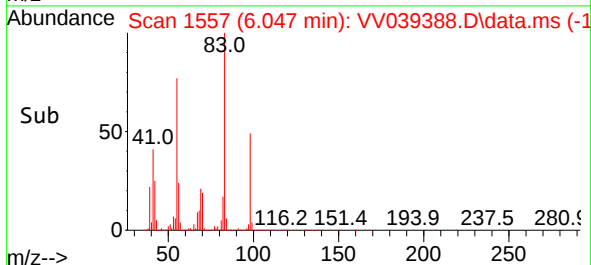
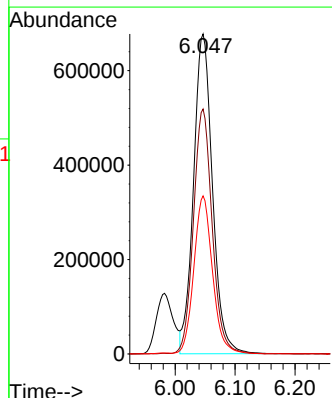
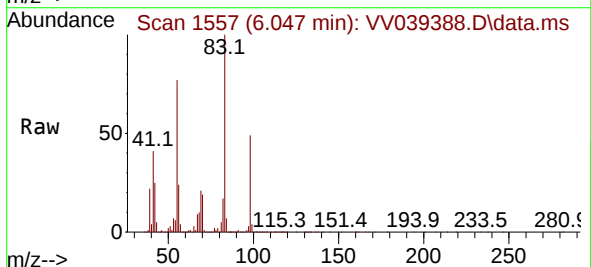
Tgt Ion: 83 Resp: 1491086

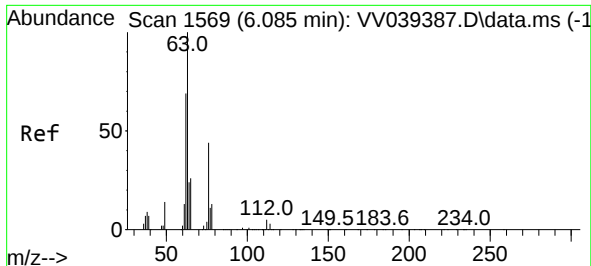
Ion Ratio Lower Upper

83 100

55 75.9 62.5 93.7

98 48.9 39.2 58.8





#37

1,2-Dichloropropane

Concen: 85.514 ug/L

RT: 6.085 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

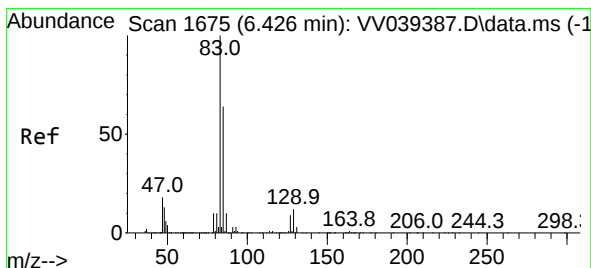
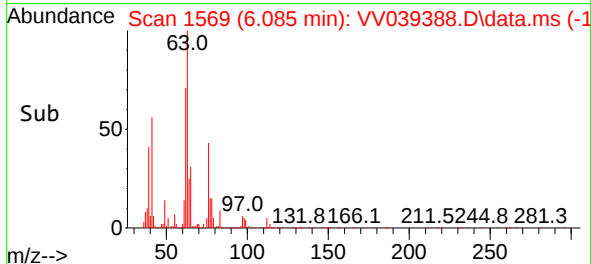
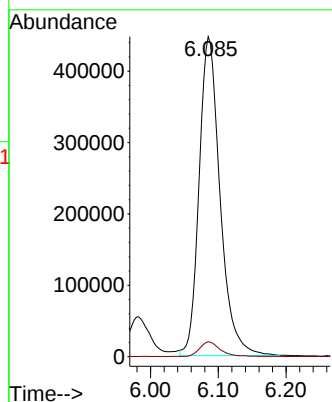
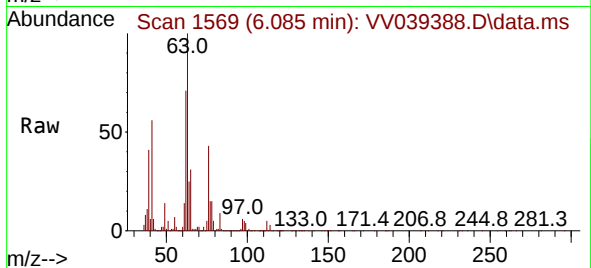
VSTD100234

Tgt Ion: 63 Resp: 959573

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 88.423 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

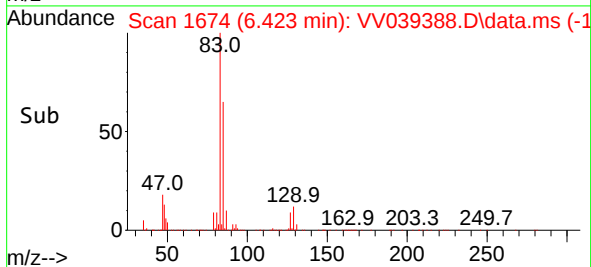
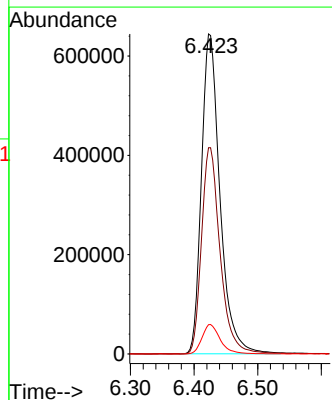
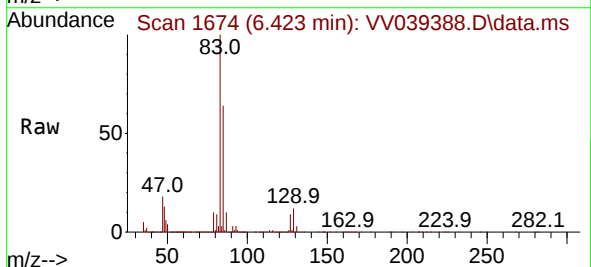
Tgt Ion: 83 Resp: 1304667

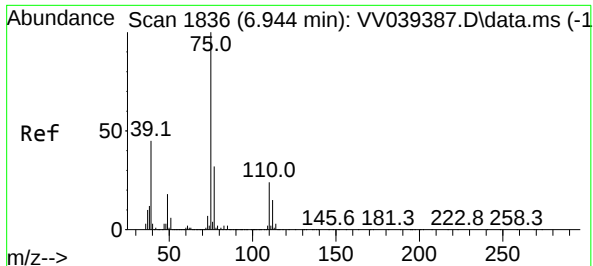
Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.5

127 9.1 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 100.793 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

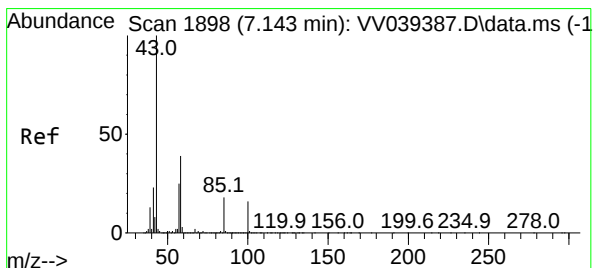
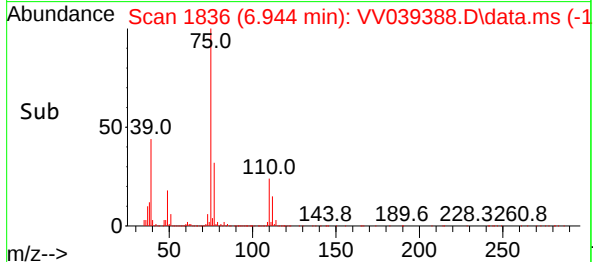
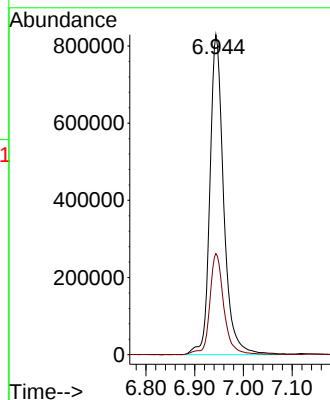
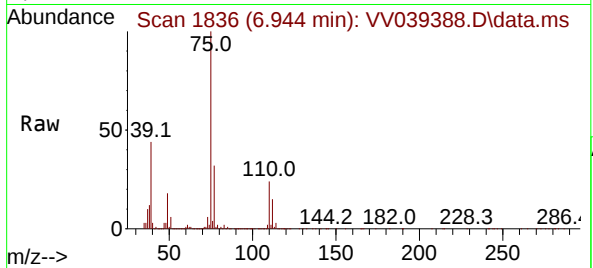
VSTD100234

Tgt Ion: 75 Resp: 1633275

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 178.375 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

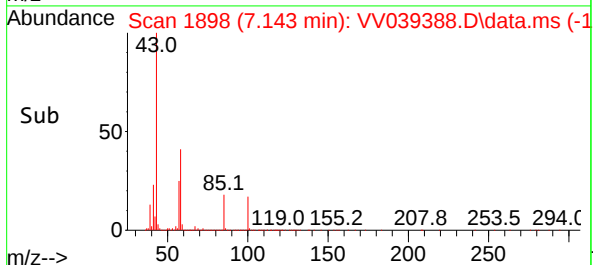
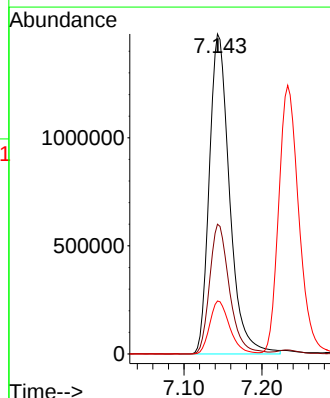
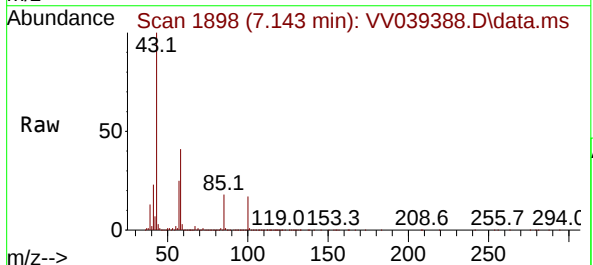
Tgt Ion: 43 Resp: 2680210

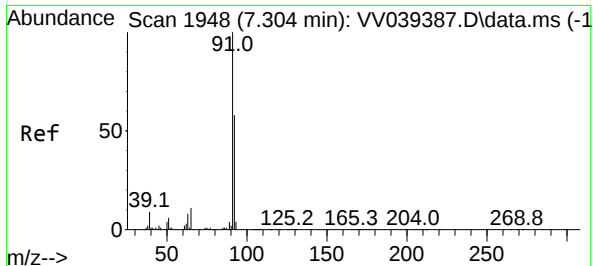
Ion Ratio Lower Upper

43 100

58 39.8 30.8 46.2

100 16.3 12.5 18.7

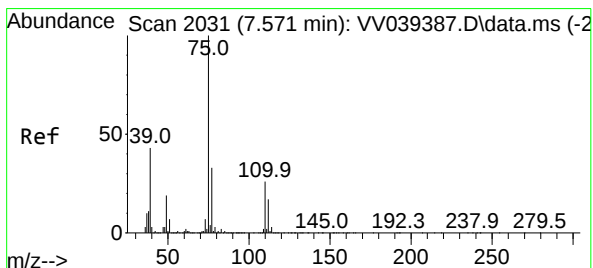
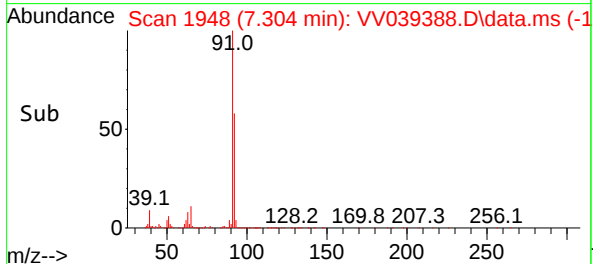
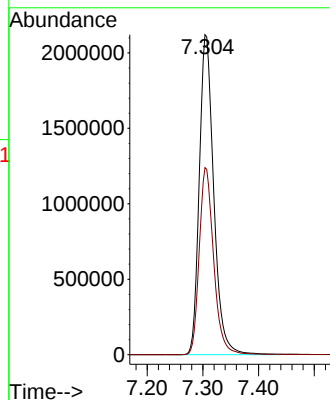
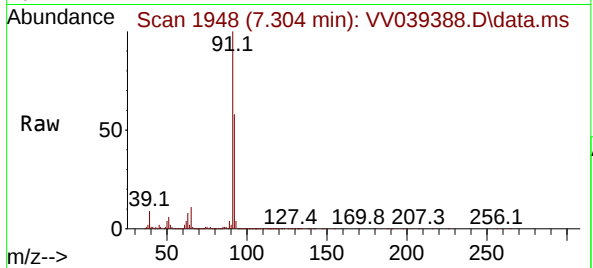




#42
Toluene
Concen: 94.510 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

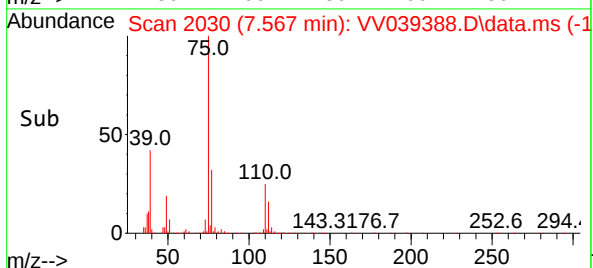
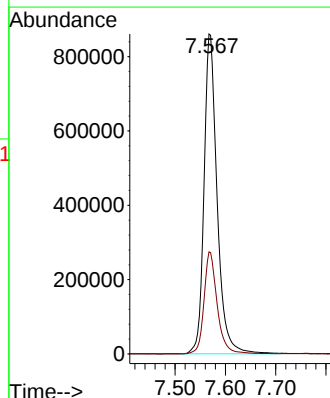
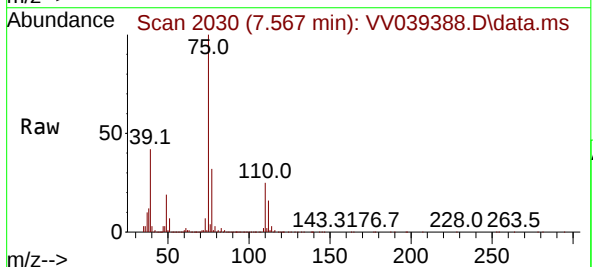
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

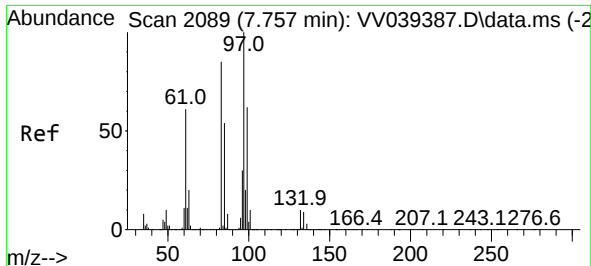
Tgt Ion: 91 Resp: 3825272
Ion Ratio Lower Upper
91 100
92 58.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 99.197 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.003 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 75 Resp: 1558934
Ion Ratio Lower Upper
75 100
77 31.9 23.0 42.6



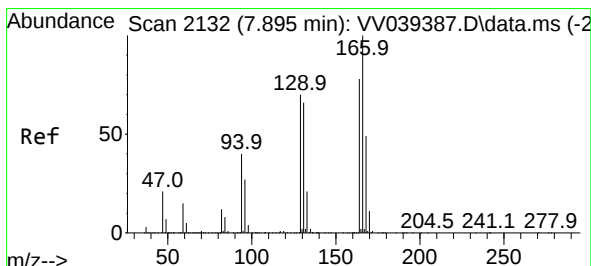
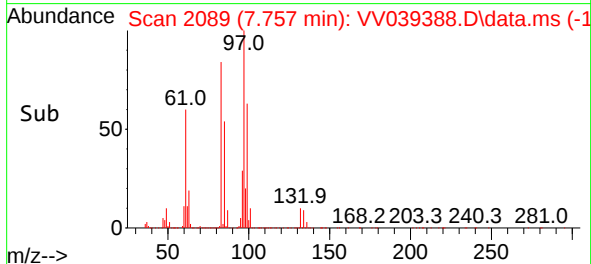
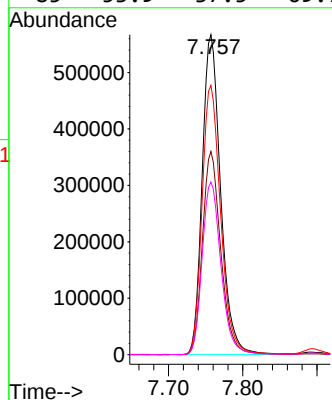
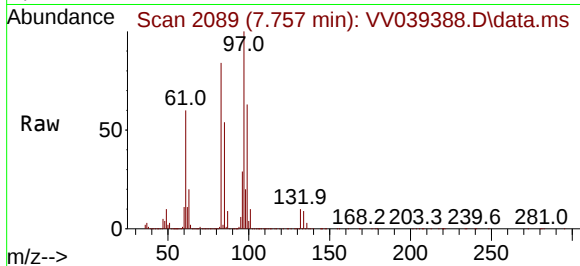


#45
1,1,2-Trichloroethane
Concen: 87.754 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

Tgt Ion: 97 Resp: 976728

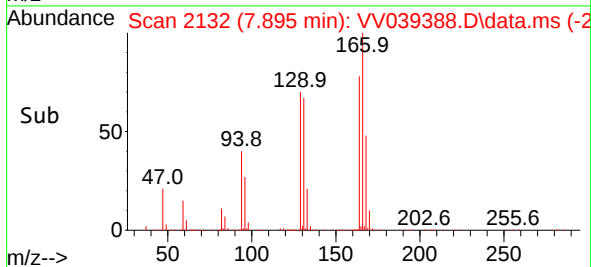
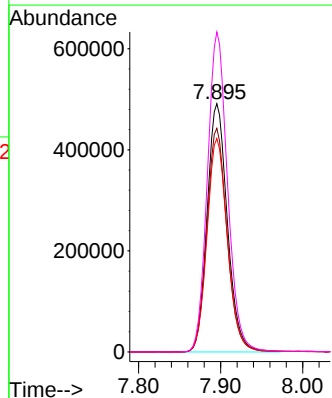
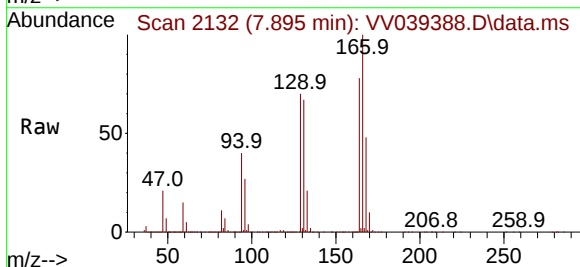
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.7	81.1
83	84.2	59.1	109.9
85	53.9	37.5	69.7

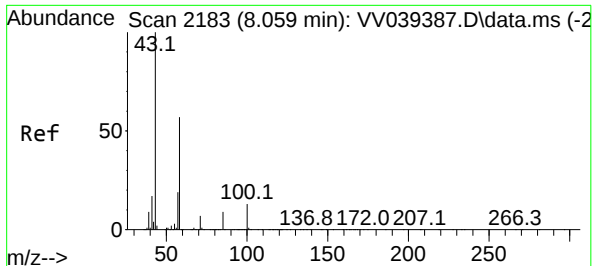


#46
Tetrachloroethene
Concen: 106.266 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 164 Resp: 848330

Ion	Ratio	Lower	Upper
164	100		
129	90.1	62.0	115.2
131	85.9	59.1	109.7
166	128.8	89.2	165.8



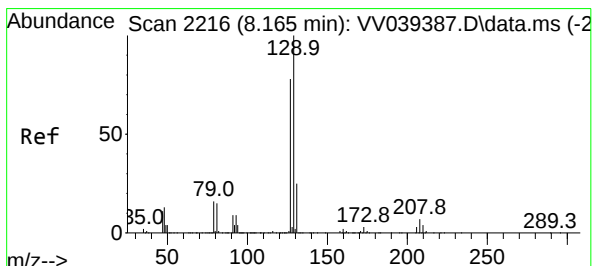
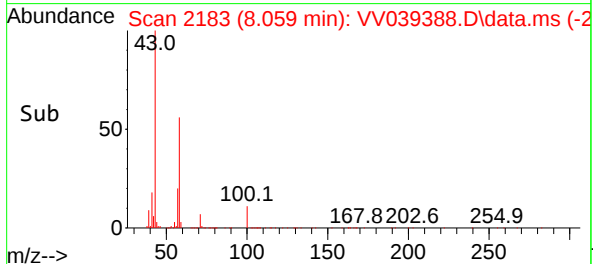
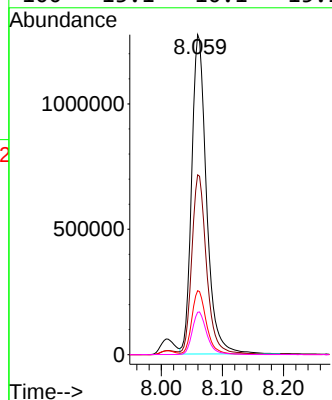
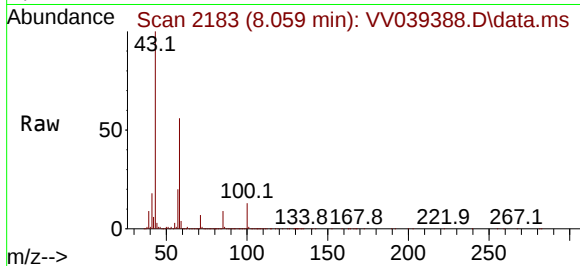


#48
2-Hexanone
Concen: 192.724 ug/L
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

Tgt Ion: 43 Resp: 2149075

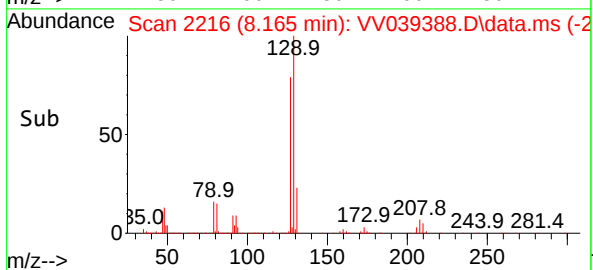
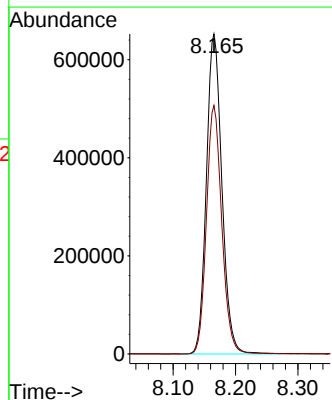
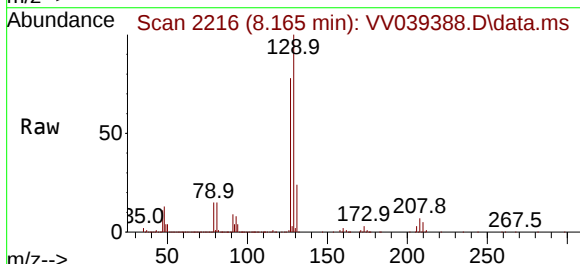
Ion	Ratio	Lower	Upper
43	100		
58	56.0	45.0	67.4
57	19.2	15.0	22.6
100	13.1	10.1	15.1

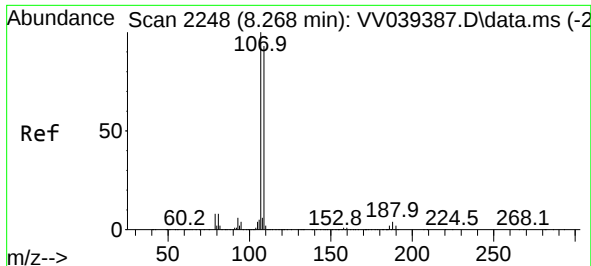


#49
Dibromochloromethane
Concen: 97.959 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 129 Resp: 1127397

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.8	101.8





#50

1,2-Dibromoethane

Concen: 91.938 ug/L

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD100234

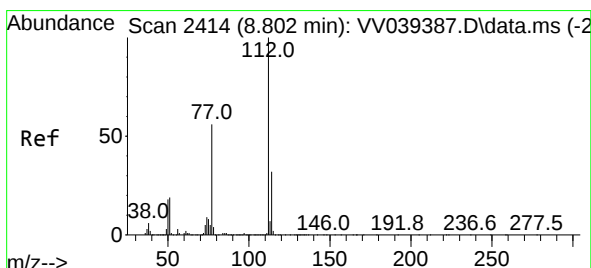
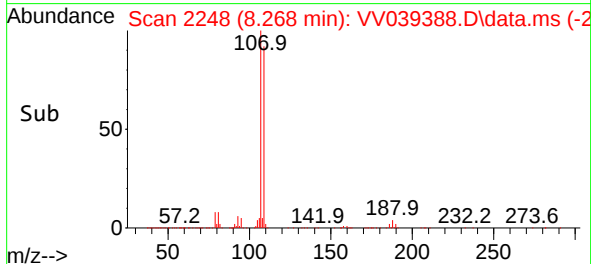
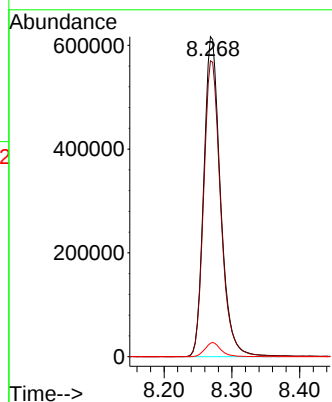
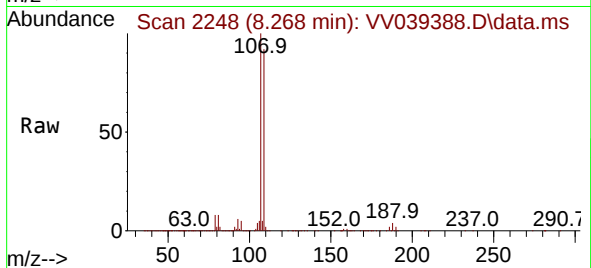
Tgt Ion:107 Resp: 1054045

Ion Ratio Lower Upper

107 100

109 92.5 65.0 120.8

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 93.250 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

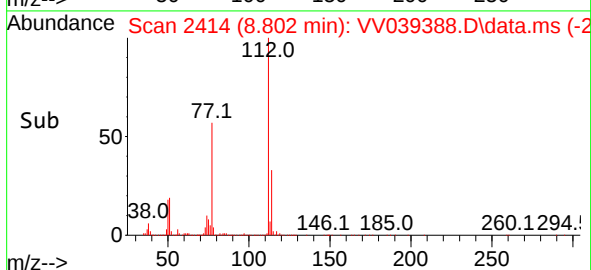
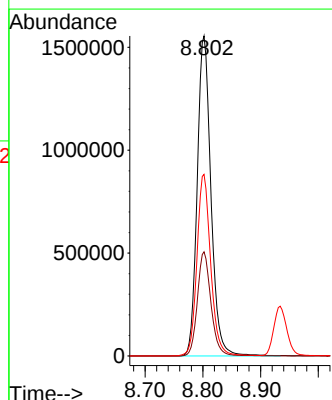
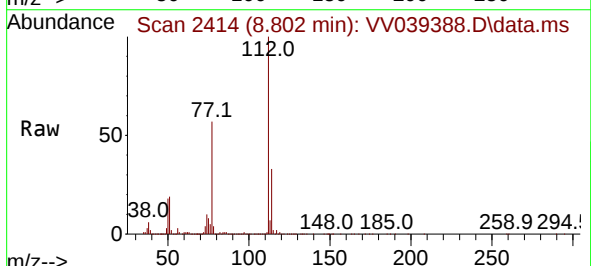
Tgt Ion:112 Resp: 2570585

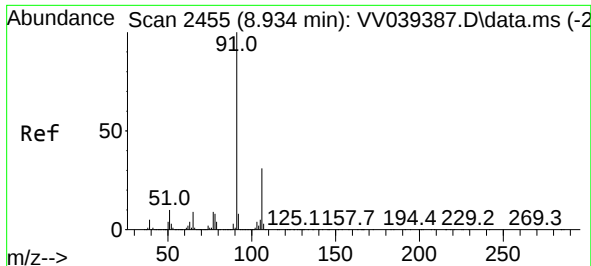
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 56.7 45.1 67.7

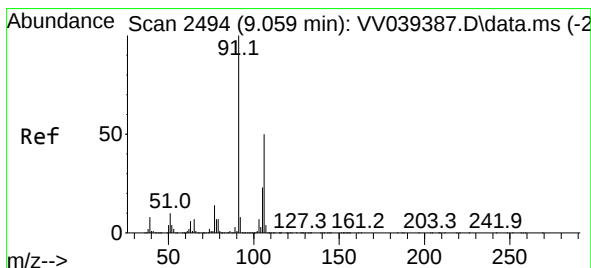
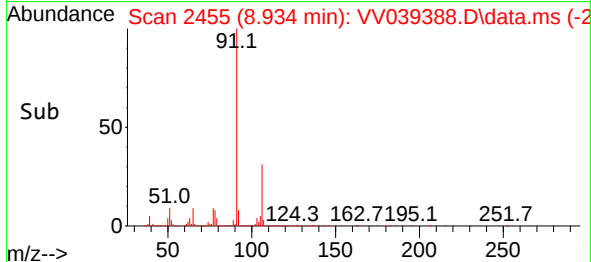
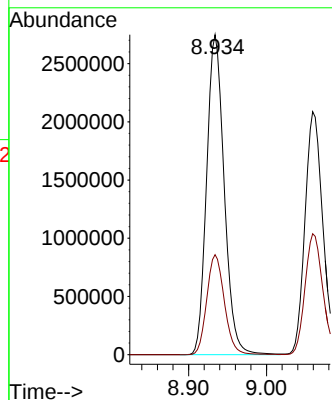
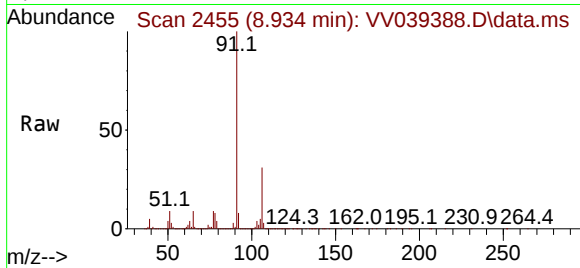




#52
Ethylbenzene
Concen: 98.346 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

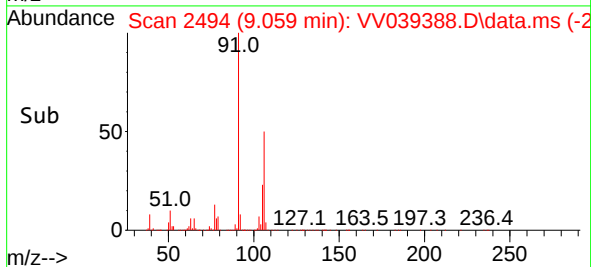
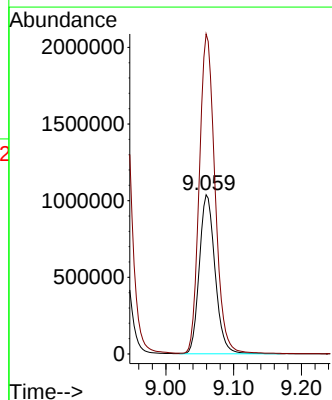
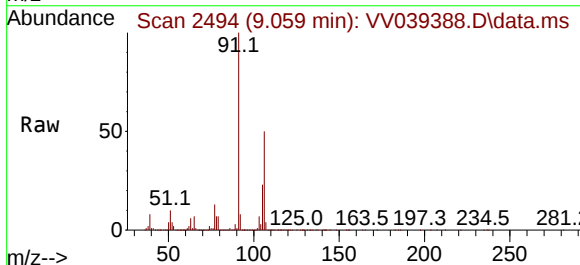
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

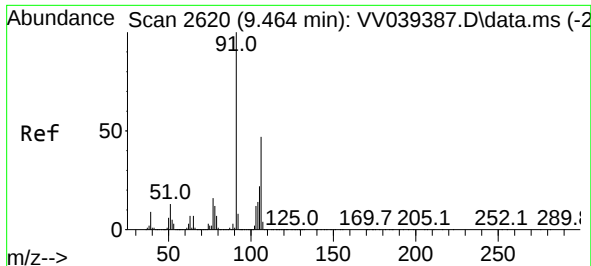
Tgt Ion: 91 Resp: 4299335
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 103.550 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion:106 Resp: 1670299
Ion Ratio Lower Upper
106 100
91 201.0 141.1 262.1

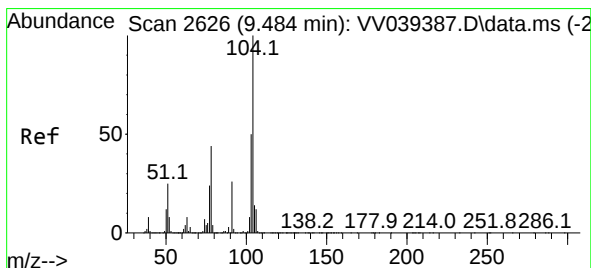
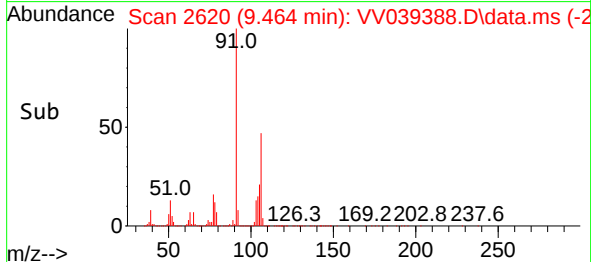
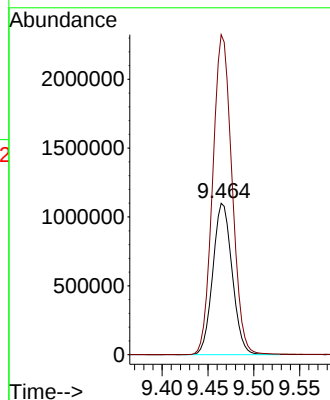
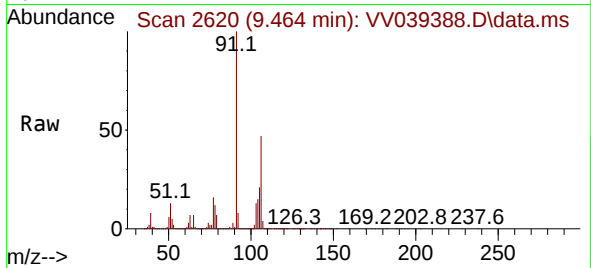




#54
o-Xylene
Concen: 103.339 ug/L
RT: 9.464 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

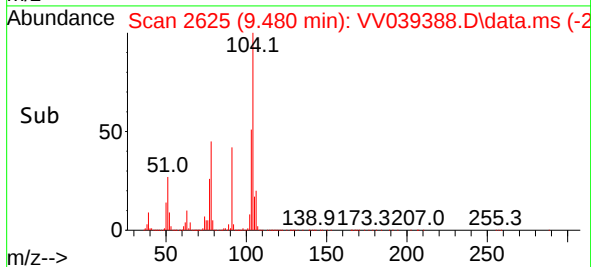
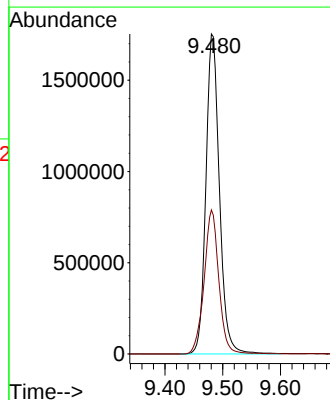
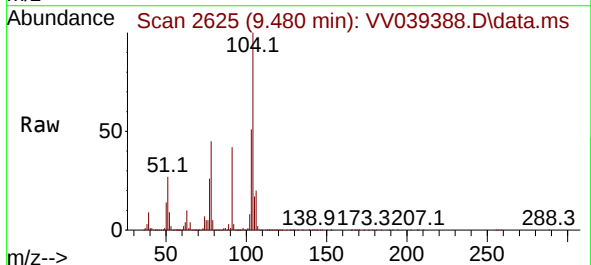
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

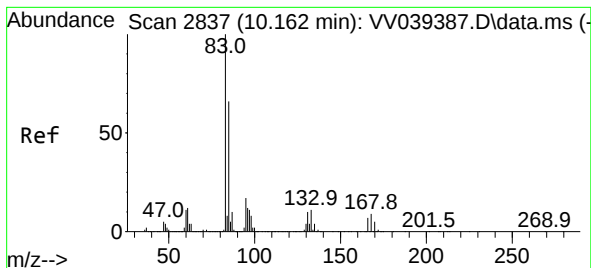
Tgt Ion:106 Resp: 1612368
Ion Ratio Lower Upper
106 100
91 211.3 149.0 276.6



#55
Styrene
Concen: 105.020 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion:104 Resp: 2852557
Ion Ratio Lower Upper
104 100
78 45.0 30.5 56.7

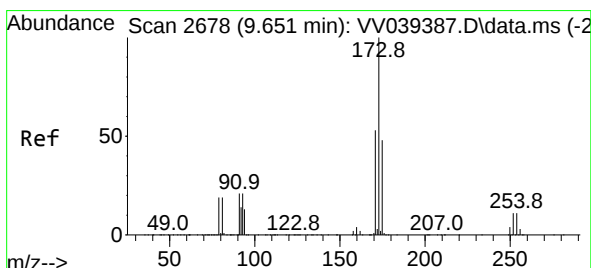
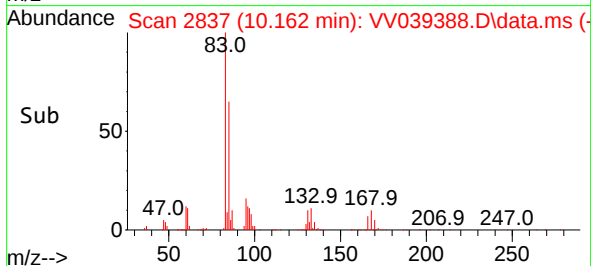
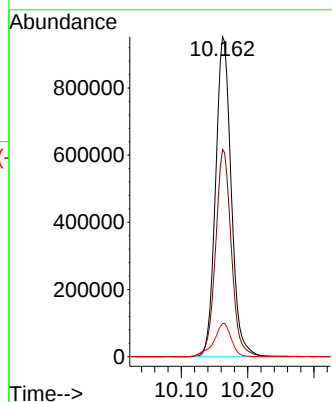
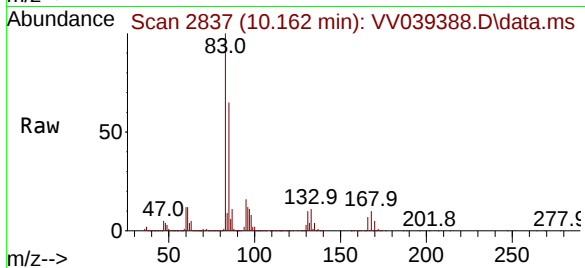




#57
 1,1,2,2-Tetrachloroethane
 Concen: 85.336 ug/L
 RT: 10.162 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

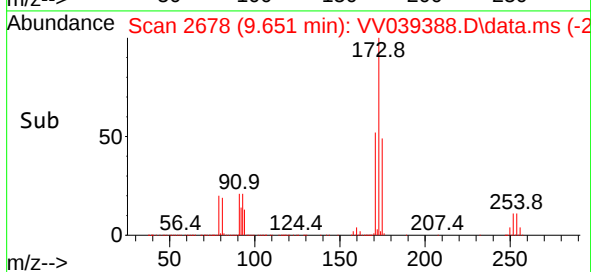
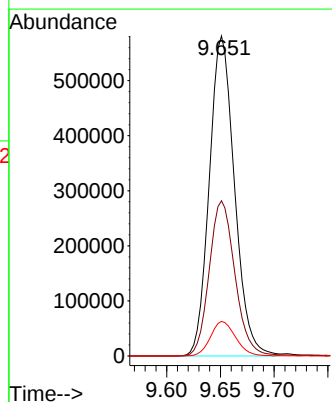
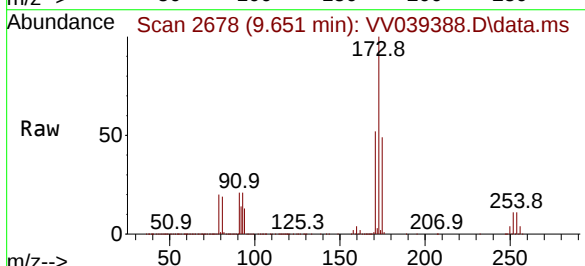
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100234

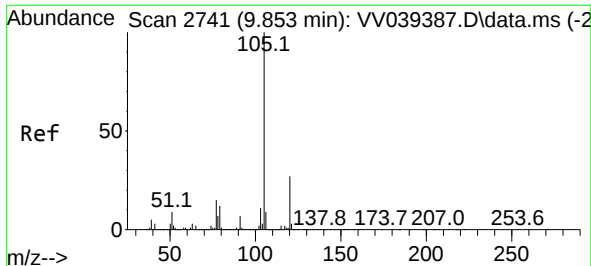
Tgt Ion: 83 Resp: 1555037
 Ion Ratio Lower Upper
 83 100
 85 64.8 46.1 85.5
 131 10.3 8.3 12.5



#59
 Bromoform
 Concen: 96.991 ug/L
 RT: 9.651 min Scan# 2678
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

Tgt Ion: 173 Resp: 947681
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.5 57.7
 254 10.7 8.4 12.6

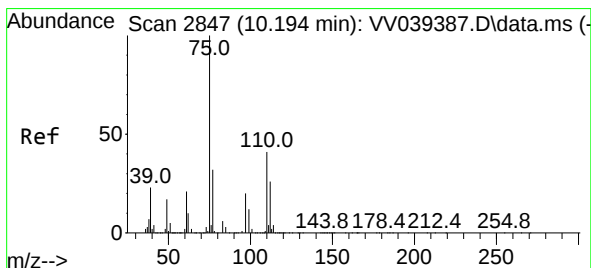
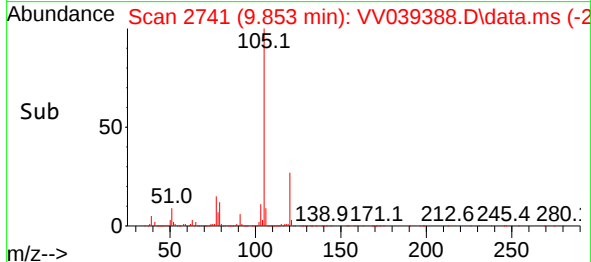
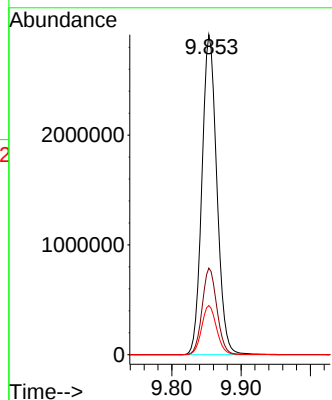
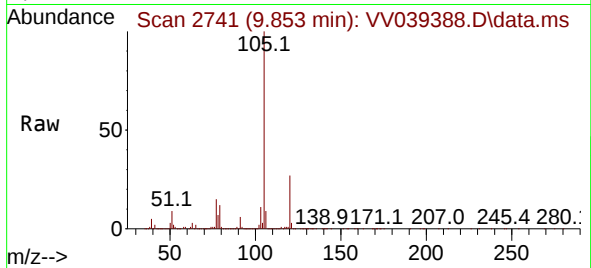




#60
Isopropylbenzene
Concen: 91.366 ug/L
RT: 9.853 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

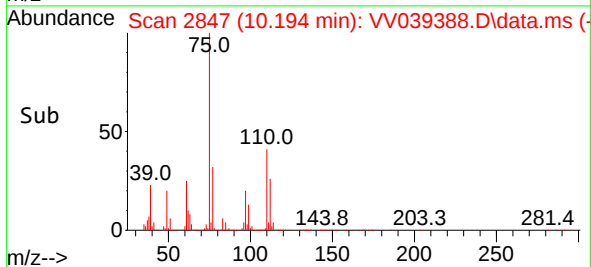
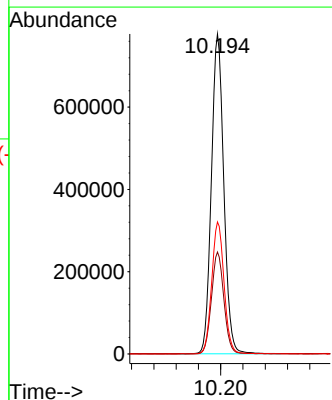
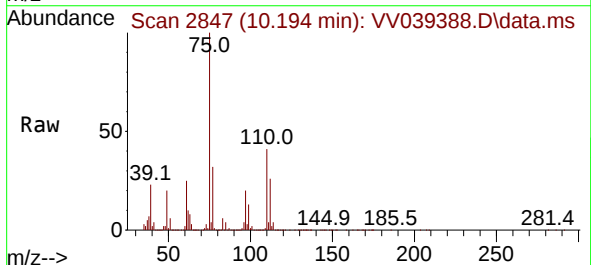
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

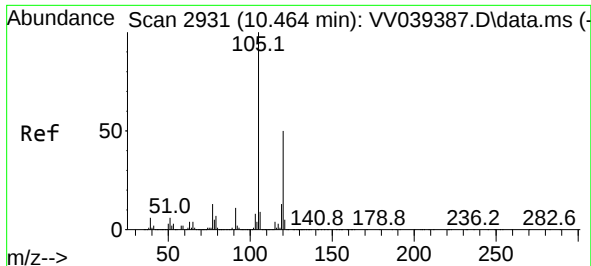
Tgt Ion:105 Resp: 4350763
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 74.308 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion: 75 Resp: 1203068
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 41.2 32.6 49.0

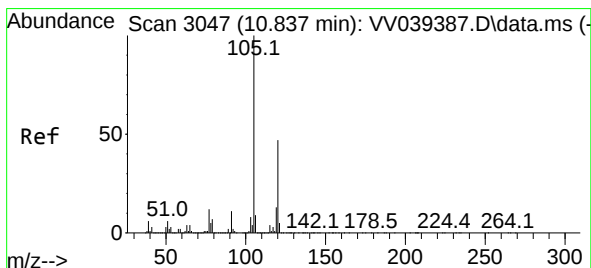
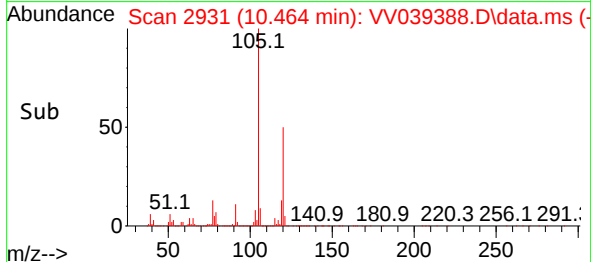
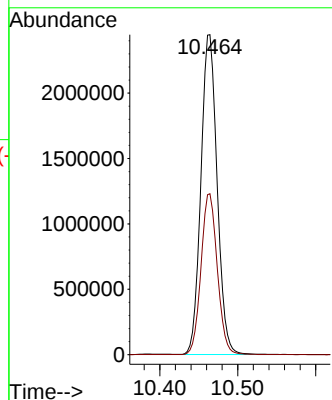
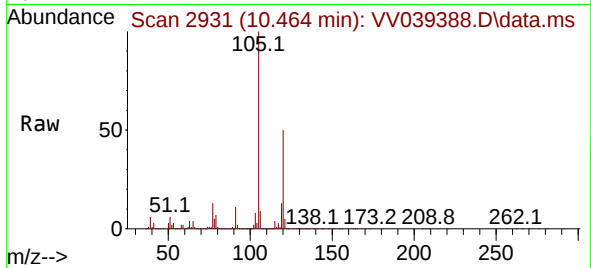




#62
 1,3,5-Trimethylbenzene
 Concen: 95.099 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

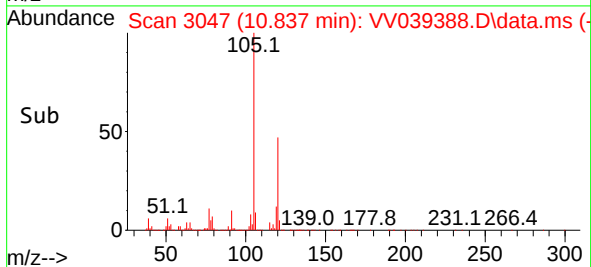
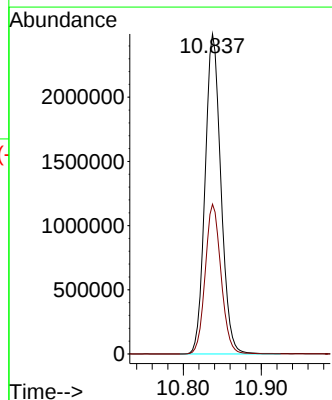
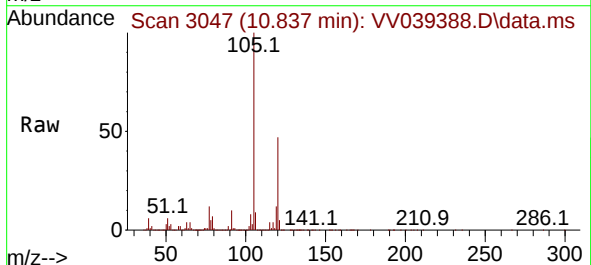
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100234

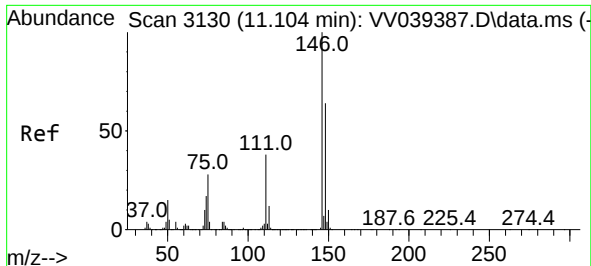
Tgt Ion:105 Resp: 3532564
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.8 59.8



#63
 1,2,4-Trimethylbenzene
 Concen: 96.262 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

Tgt Ion:105 Resp: 3519043
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.4 56.2

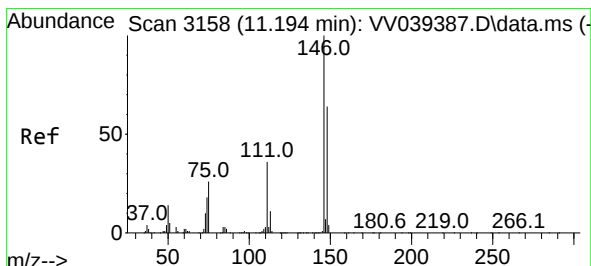
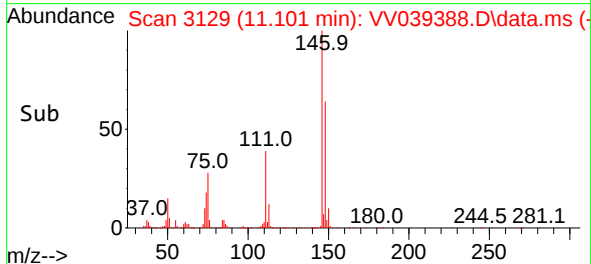
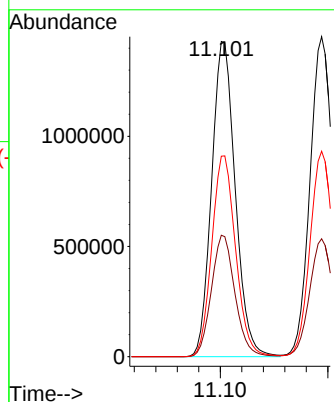
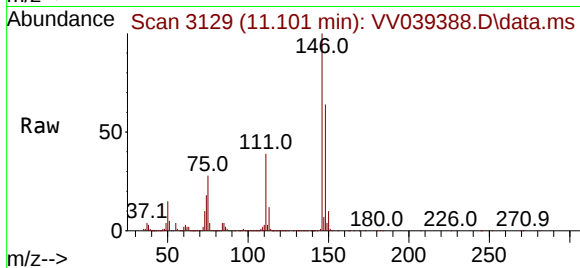




#64
1,3-Dichlorobenzene
Concen: 93.628 ug/L
RT: 11.101 min Scan# 3129
Delta R.T. -0.003 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

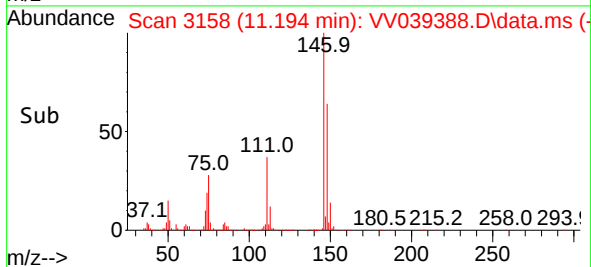
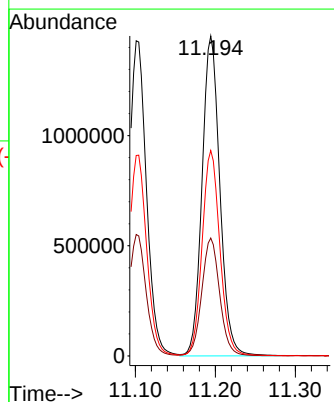
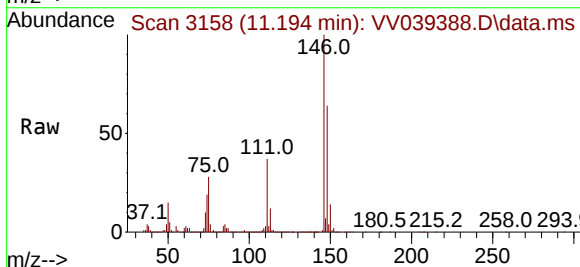
Instrument :
MSVOA_V
ClientSampleId :
VSTD100234

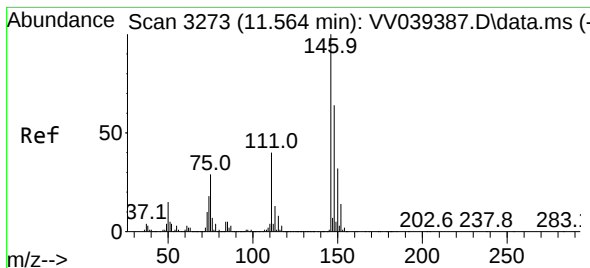
Tgt Ion:146 Resp: 2183215
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.3
148 63.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 89.959 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039388.D
Acq: 17 Nov 2025 12:52

Tgt Ion:146 Resp: 2255466
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.4
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 90.614 ug/L

RT: 11.564 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD100234

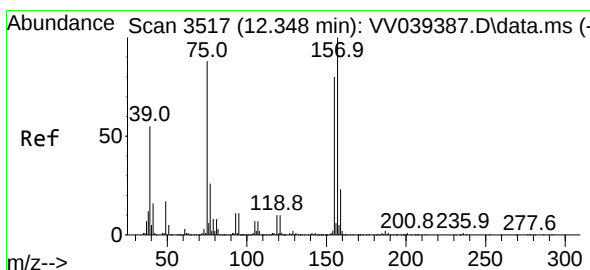
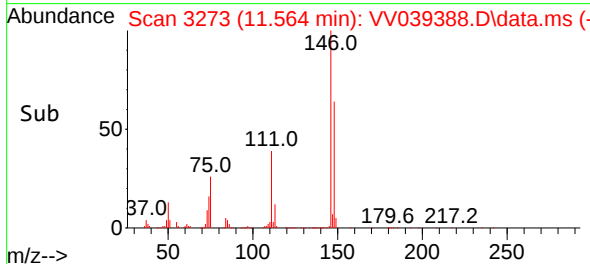
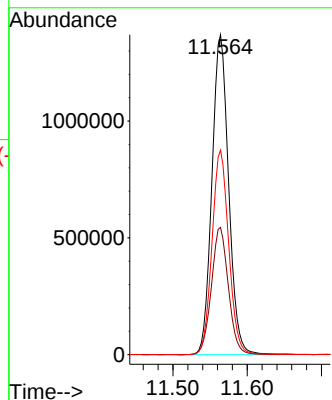
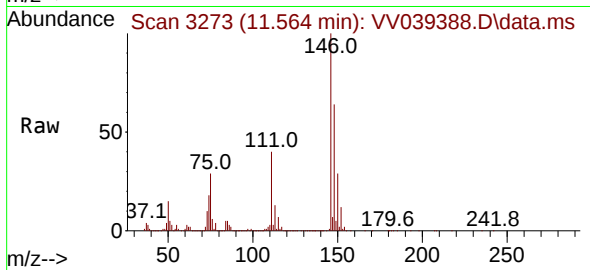
Tgt Ion:146 Resp: 2134144

Ion Ratio Lower Upper

146 100

111 39.8 32.2 48.2

148 64.0 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 74.285 ug/L

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

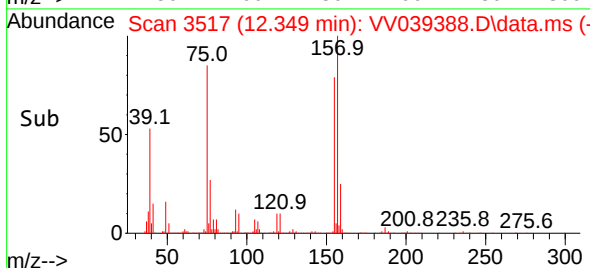
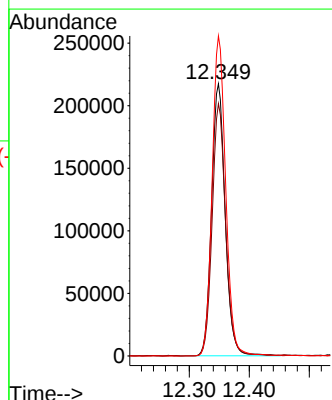
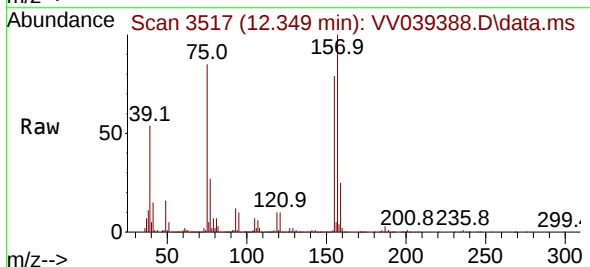
Tgt Ion: 75 Resp: 343216

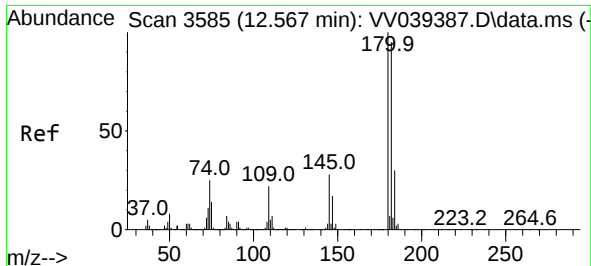
Ion Ratio Lower Upper

75 100

155 92.7 73.0 109.4

157 117.6 91.0 136.4

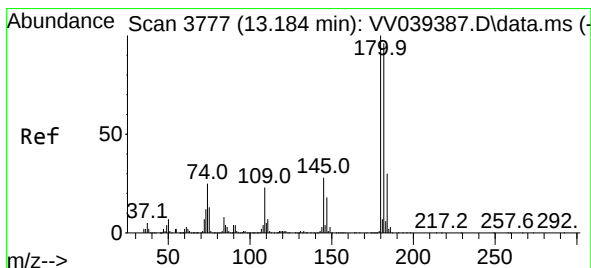
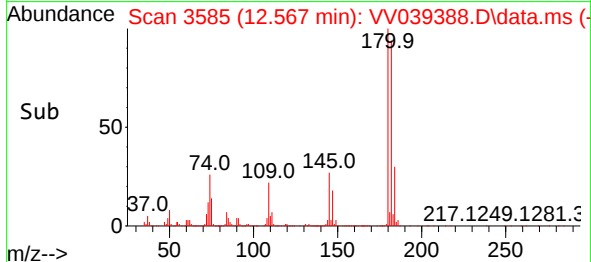
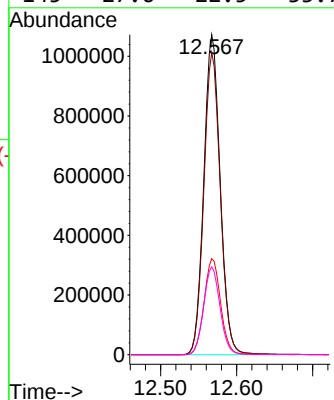
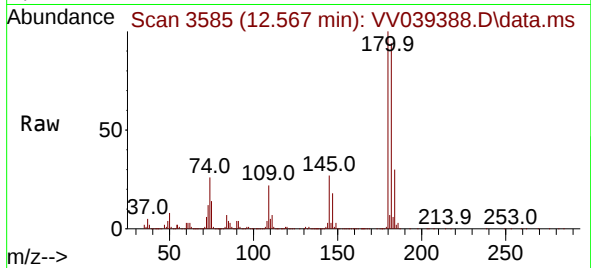




#69
 1,3,5-Trichlorobenzene
 Concen: 102.166 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

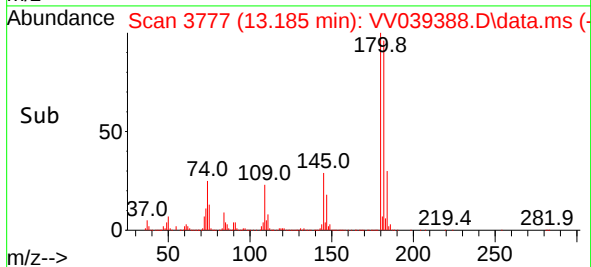
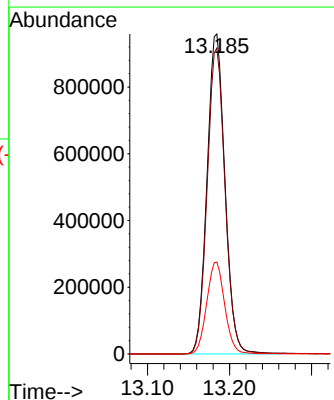
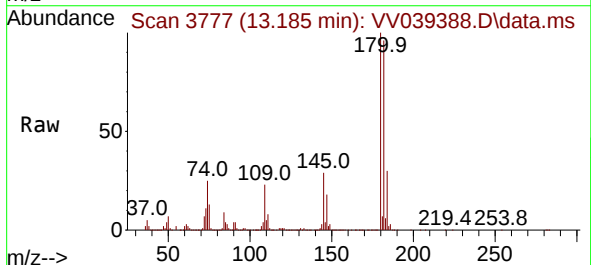
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100234

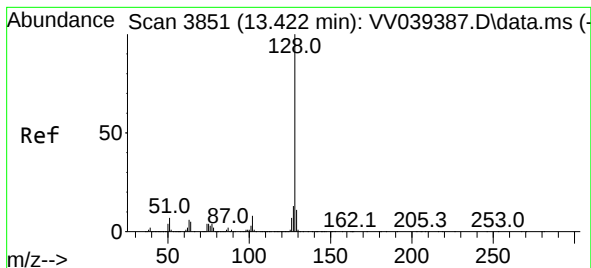
Tgt Ion:180 Resp: 1606426
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.8
 184 30.3 24.3 36.5
 145 27.6 22.5 33.7



#70
 1,2,4-trichlorobenzene
 Concen: 108.229 ug/L
 RT: 13.185 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV039388.D
 Acq: 17 Nov 2025 12:52

Tgt Ion:180 Resp: 1455542
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 145 28.8 22.5 33.7





#71

Naphthalene

Concen: 97.107 ug/L

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD100234

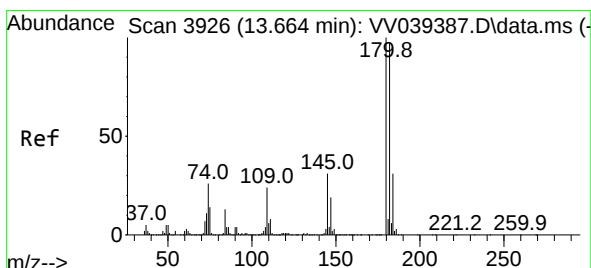
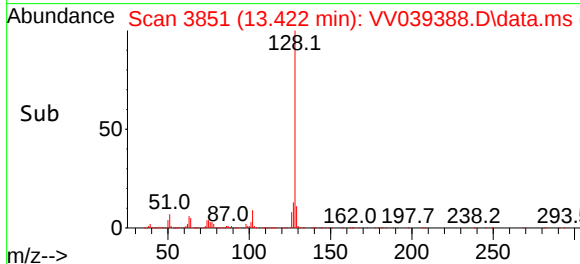
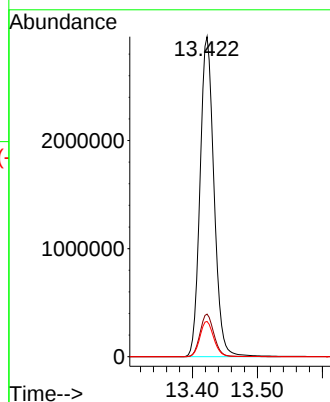
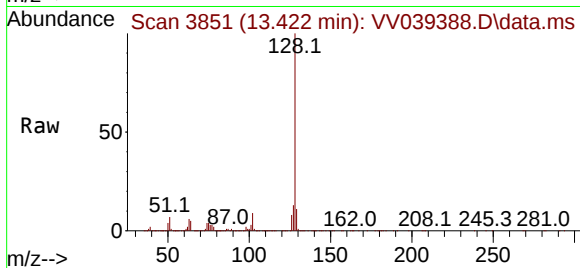
Tgt Ion:128 Resp: 4435706

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 107.500 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039388.D

Acq: 17 Nov 2025 12:52

Tgt Ion:180 Resp: 1508479

Ion Ratio Lower Upper

180 100

182 96.0 76.6 115.0

145 30.7 24.3 36.5

