

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111725\
 Data File : VV039389.D
 Acq On : 17 Nov 2025 13:13
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200235

Quant Time: Nov 18 01:03:59 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	1156748	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1145111	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	671554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	2156253	213.383	ug/L	0.00
7) Chloroethane-d5	1.539	69	1570159	177.161	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	907146	188.777	ug/L	0.00
21) 2-Butanone-d5	3.777	46	2604822	363.372	ug/L	0.00
24) Chloroform-d	4.249	84	3607425	176.539	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	2225366	186.433	ug/L	0.00
32) Benzene-d6	4.957	84	6982531	193.527	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	2157391	182.142	ug/L	0.00
41) Toluene-d8	7.233	98	6553652	204.071	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.538	79	1178758	223.730	ug/L	0.00
47) 2-Hexanone-d5	8.008	63	1961661	412.620	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.136	84	2933556	167.425	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	2604977	197.242	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	1439365	113.319	ug/L	100
3) Chloromethane	1.230	50	1564468	120.789	ug/L	100
5) Vinyl chloride	1.298	62	1789273	132.582	ug/L	99
6) Bromomethane	1.487	94	1080874	159.221	ug/L	99
8) Chloroethane	1.555	64	1147466	139.610	ug/L	96
9) Trichlorofluoromethane	1.722	101	2844806	154.571	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	1730250	157.507	ug/L	99
12) 1,1-Dichloroethene	2.079	96	1524361	155.321	ug/L	99
13) Acetone	2.117	43	2529468	462.408	ug/L	98
14) Carbon disulfide	2.249	76	4238541	143.601	ug/L	100
15) Methyl Acetate	2.375	43	2041461	157.332	ug/L	100
16) Methylene chloride	2.455	84	1753064	154.066	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	1666014	168.148	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	5662057	189.474	ug/L	100
19) 1,1-Dichloroethane	3.117	63	3201114	156.810	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	1985253	186.842	ug/L	100
22) 2-Butanone	3.854	43	3052673	388.834	ug/L	100
23) Bromochloromethane	4.146	128	1047561	181.976	ug/L	98
25) Chloroform	4.275	83	3366048	165.139	ug/L	100
27) 1,2-Dichloroethane	5.037	62	2675515	174.063	ug/L	100
29) Cyclohexane	4.584	56	2950734	186.095	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	2990869	177.857	ug/L	99
31) Carbon tetrachloride	4.735	117	2735119	185.027	ug/L	99
33) Benzene	5.008	78	6926201	174.610	ug/L	100
34) Trichloroethene	5.828	95	1911355	180.803	ug/L	100
35) Methylcyclohexane	6.047	83	3011238	184.387	ug/L	98
37) 1,2-Dichloropropane	6.085	63	1908080	167.424	ug/L	99
38) Bromodichloromethane	6.423	83	2654916	177.164	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	3395410	206.311	ug/L	99
40) 4-Methyl-2-pentanone	7.143	43	5426369	355.579	ug/L	97
42) Toluene	7.307	91	7492008	182.253	ug/L	98
44) trans-1,3-Dichloropropene	7.567	75	3201219	200.562	ug/L	99

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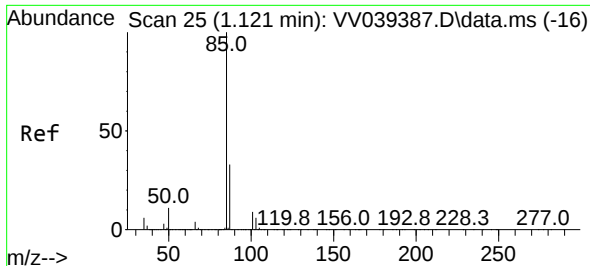
Quant Time: Nov 18 01:03:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	1954453	172.894	ug/L	99
46) Tetrachloroethene	7.895	164	1688924	208.306	ug/L	99
48) 2-Hexanone	8.059	43	4243947	374.727	ug/L	99
49) Dibromochloromethane	8.165	129	2270828	194.273	ug/L	99
50) 1,2-Dibromoethane	8.268	107	2137372	183.561	ug/L	98
51) Chlorobenzene	8.802	112	5128848	183.189	ug/L	99
52) Ethylbenzene	8.934	91	8476484	190.912	ug/L	98
53) m,p-Xylene	9.059	106	3332574	203.423	ug/L	97
54) o-Xylene	9.464	106	3249306	205.047	ug/L	97
55) Styrene	9.484	104	5601747	203.059	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.162	83	3040024	164.260	ug/L	98
59) Bromoform	9.651	173	1924914	200.202	ug/L	99
60) Isopropylbenzene	9.853	105	8538303	182.213	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	2352561	147.664	ug/L	99
62) 1,3,5-Trimethylbenzene	10.464	105	7084757	193.820	ug/L	98
63) 1,2,4-Trimethylbenzene	10.837	105	7018568	195.104	ug/L	100
64) 1,3-Dichlorobenzene	11.101	146	4339527	189.120	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	4449661	180.352	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	4206505	181.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.349	75	705589	155.193	ug/L	92
69) 1,3,5-Trichlorobenzene	12.567	180	3277379	211.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.181	180	3122716	235.960	ug/L	99
71) Naphthalene	13.422	128	9256230	205.924	ug/L	99
72) 1,2,3-Trichlorobenzene	13.664	180	3132082	226.824	ug/L	100

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

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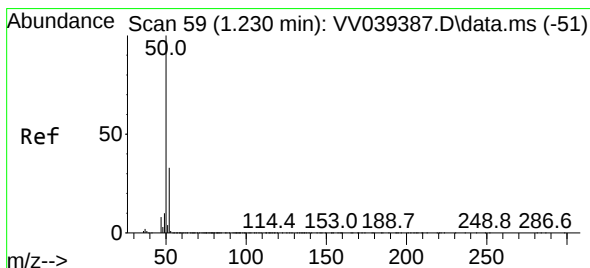
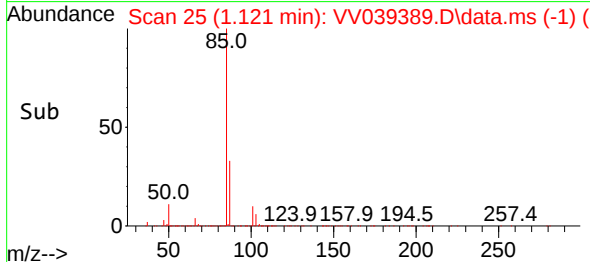
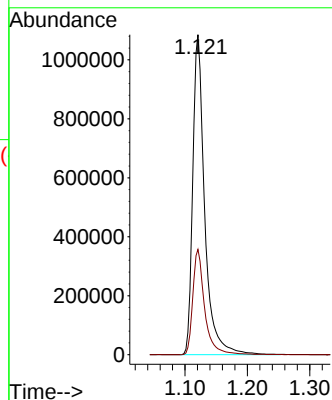
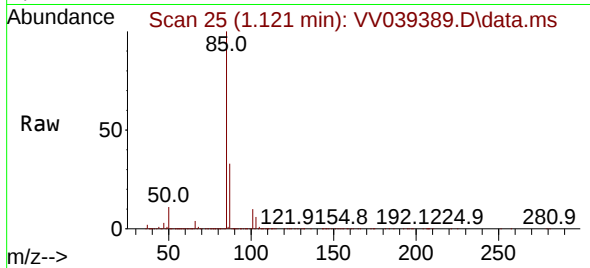




#2
Dichlorodifluoromethane
Concen: 113.319 ug/L
RT: 1.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

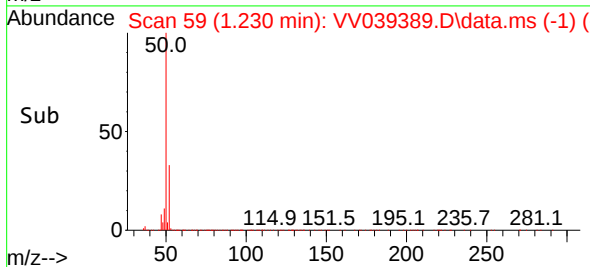
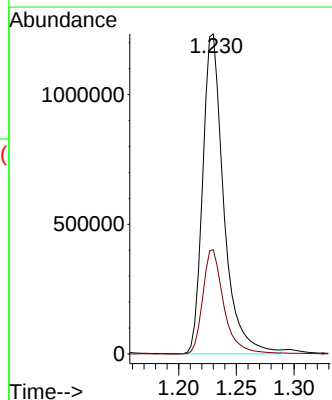
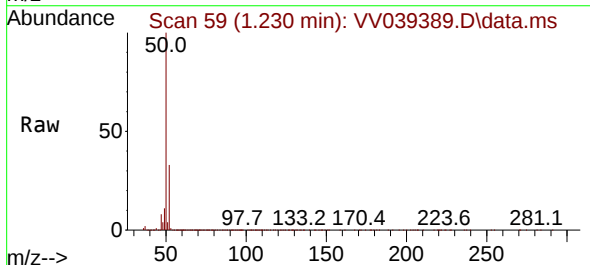
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

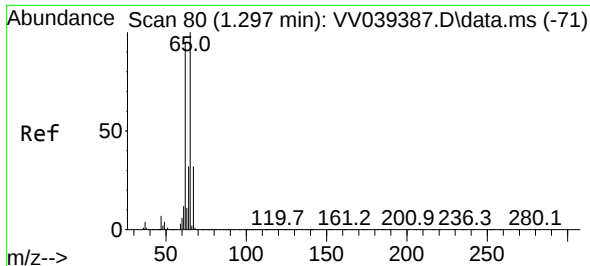
Tgt Ion: 85 Resp: 1439365
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 120.789 ug/L
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 50 Resp: 1564468
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.3

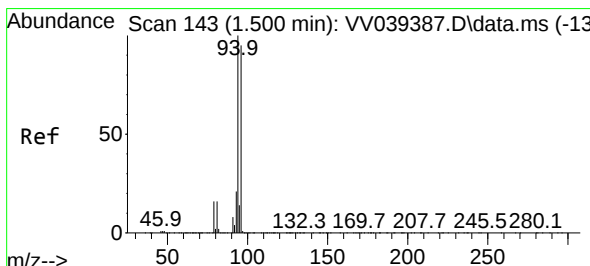
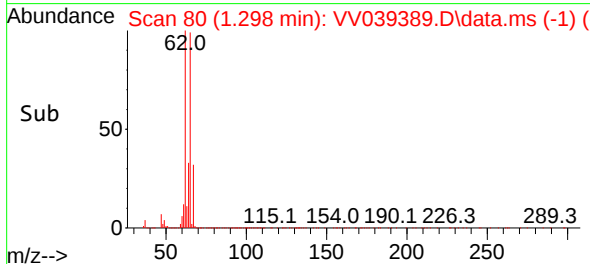
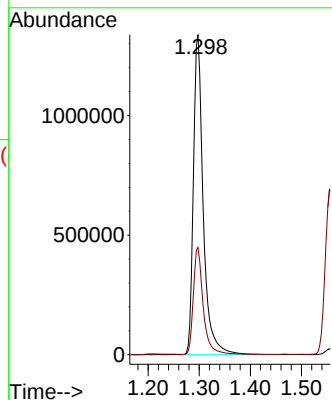
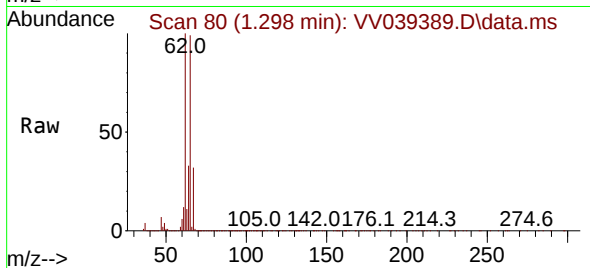




#5
 Vinyl chloride
 Concen: 132.582 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

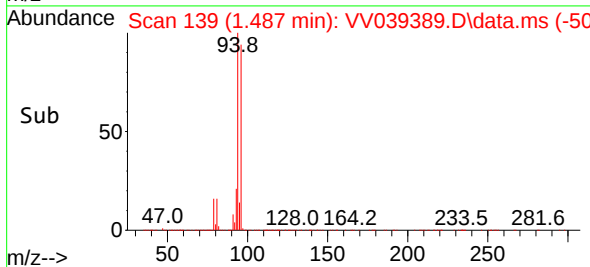
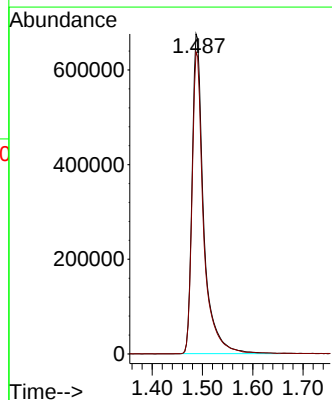
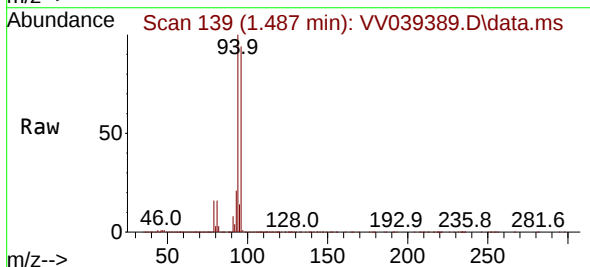
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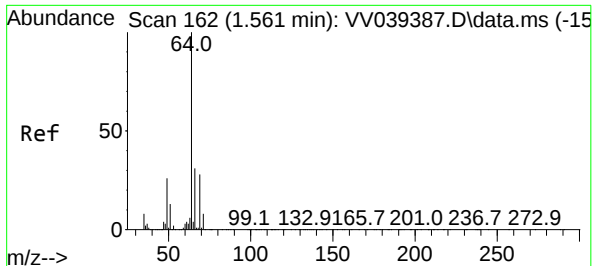
Tgt Ion: 62 Resp: 1789273
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.7 44.1



#6
 Bromomethane
 Concen: 159.221 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.013 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

Tgt Ion: 94 Resp: 1080874
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.6 123.8

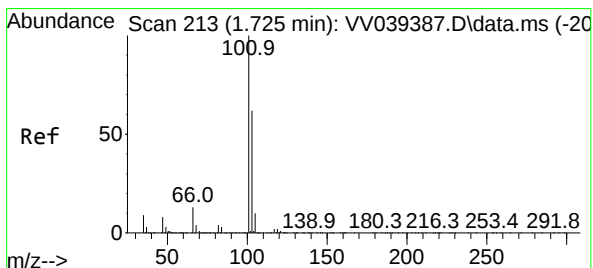
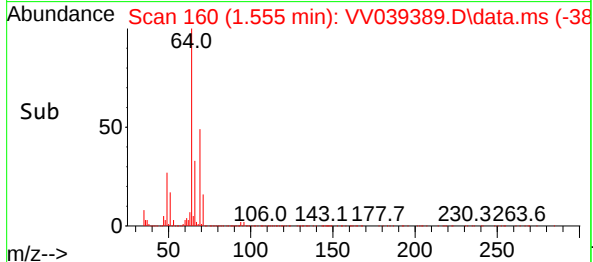
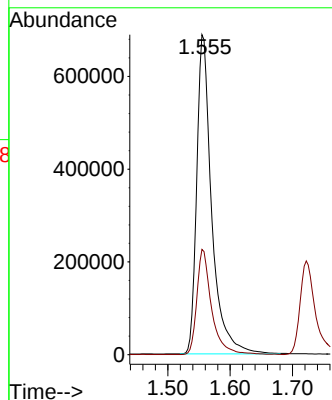
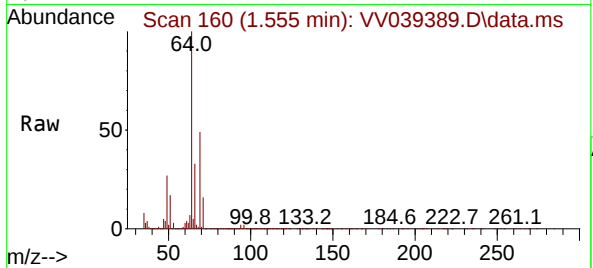




#8
Chloroethane
Concen: 139.610 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

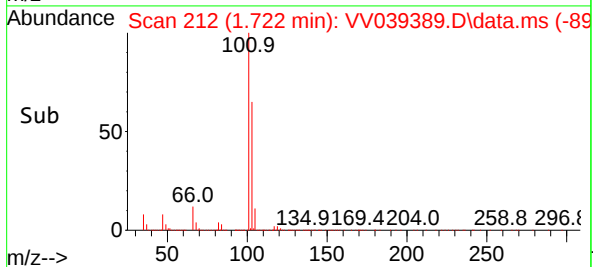
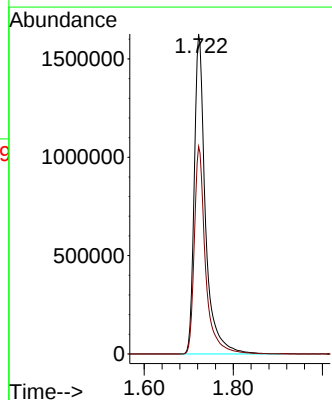
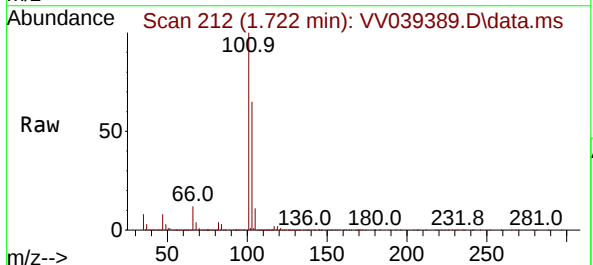
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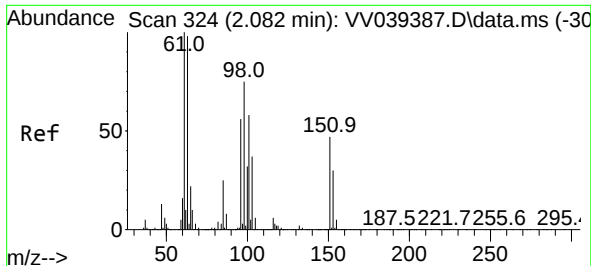
Tgt Ion: 64 Resp: 1147466
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 154.571 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 101 Resp: 2844806
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.6

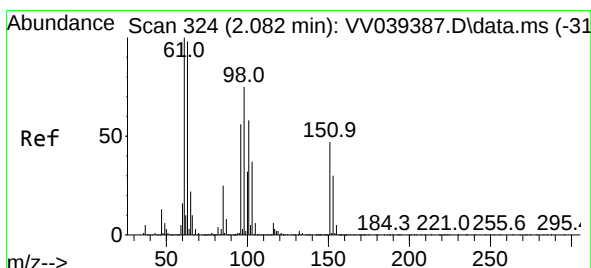
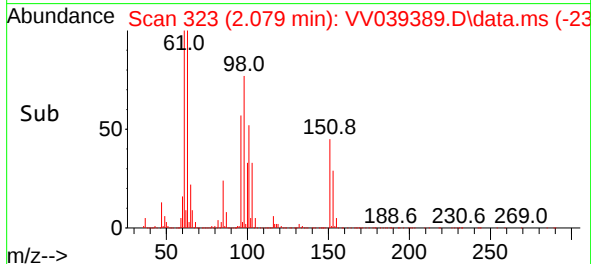
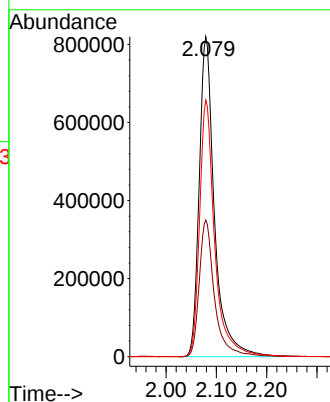
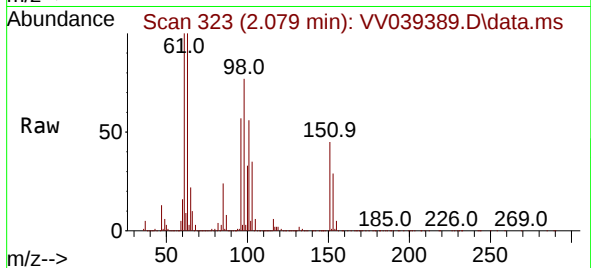




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 157.507 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

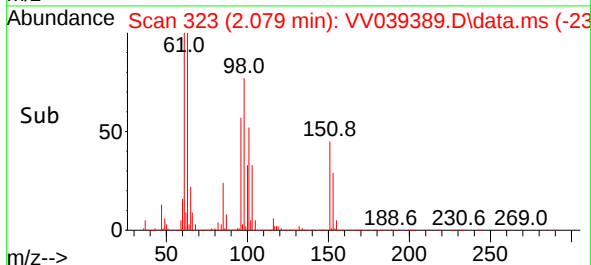
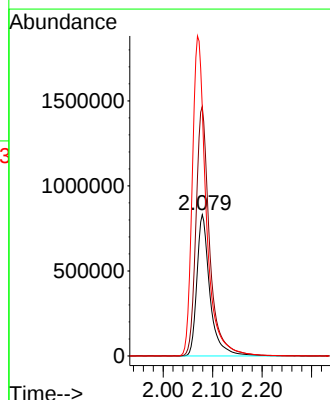
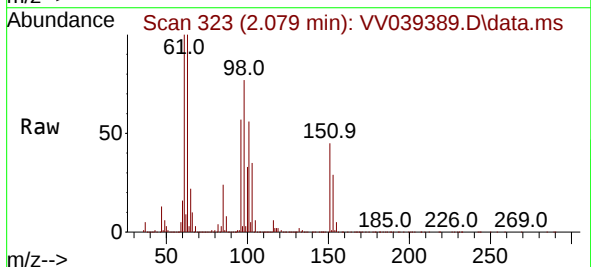
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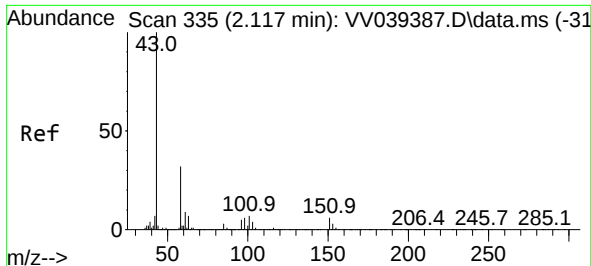
Tgt Ion:101 Resp: 1730250
 Ion Ratio Lower Upper
 101 100
 85 42.8 33.7 50.5
 151 79.7 63.6 95.4



#12
 1,1-Dichloroethene
 Concen: 155.321 ug/L
 RT: 2.079 min Scan# 323
 Delta R.T. -0.003 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

Tgt Ion: 96 Resp: 1524361
 Ion Ratio Lower Upper
 96 100
 61 176.5 124.3 230.8
 63 175.9 121.8 226.2

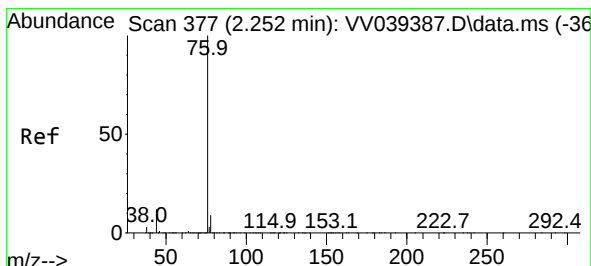
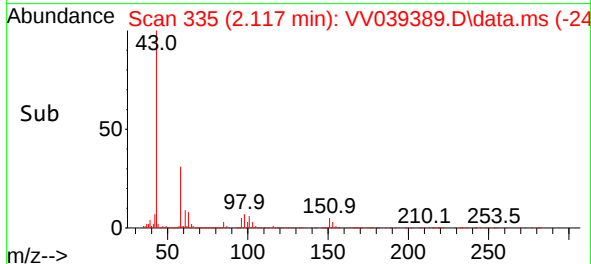
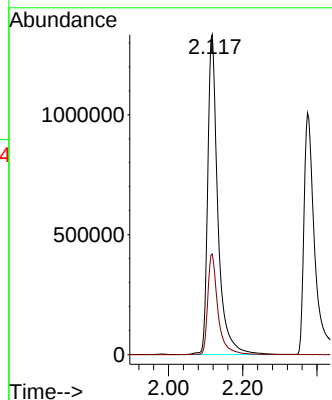
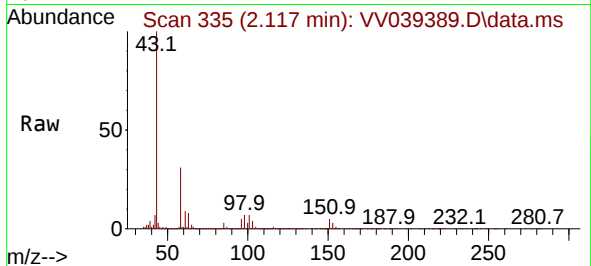




#13
Acetone
Concen: 462.408 ug/L
RT: 2.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

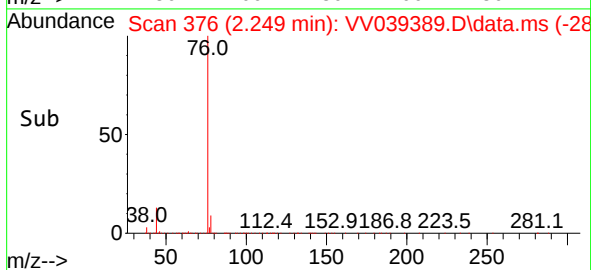
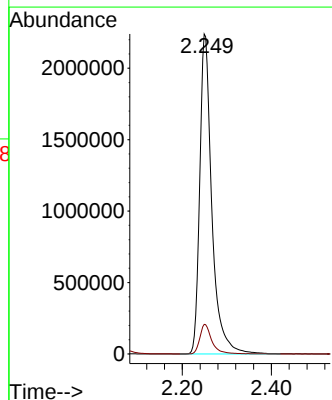
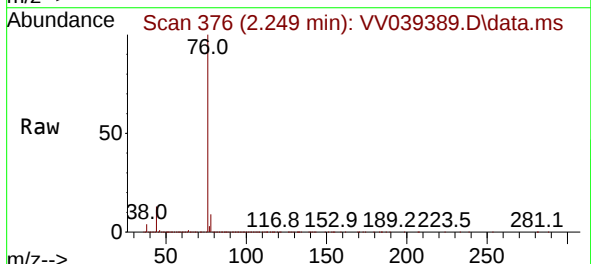
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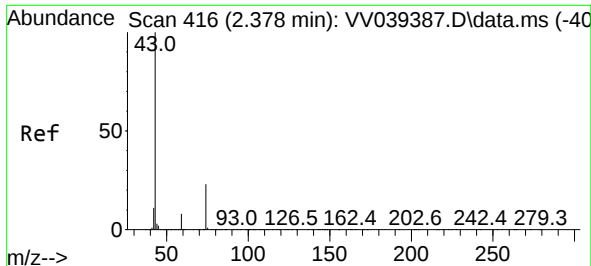
Tgt Ion: 43 Resp: 2529468
Ion Ratio Lower Upper
43 100
58 30.6 0.0 63.2



#14
Carbon disulfide
Concen: 143.601 ug/L
RT: 2.249 min Scan# 376
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 76 Resp: 4238541
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

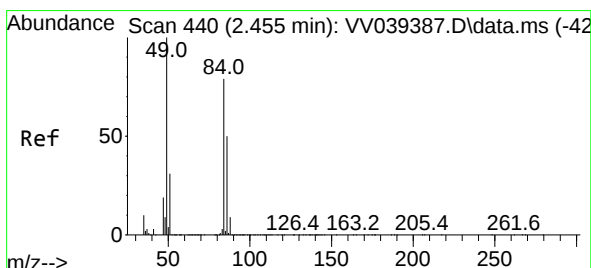
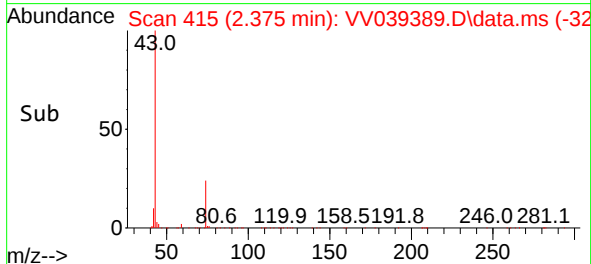
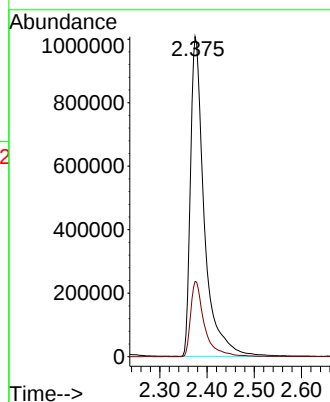
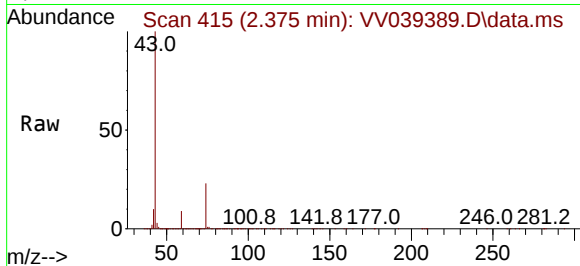




#15
Methyl Acetate
Concen: 157.332 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

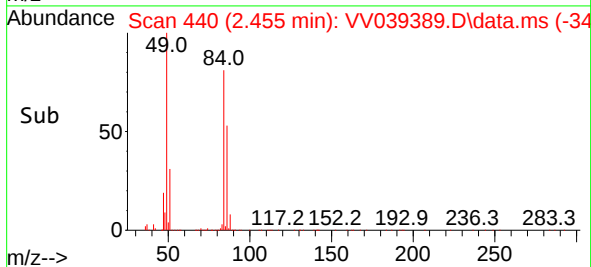
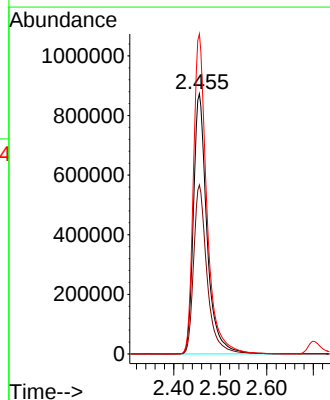
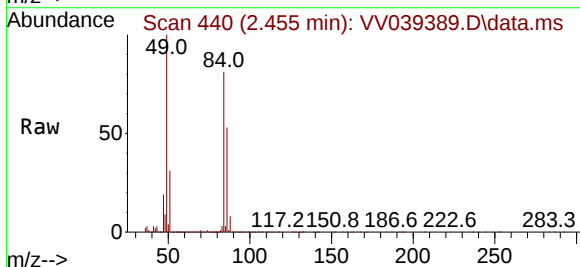
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

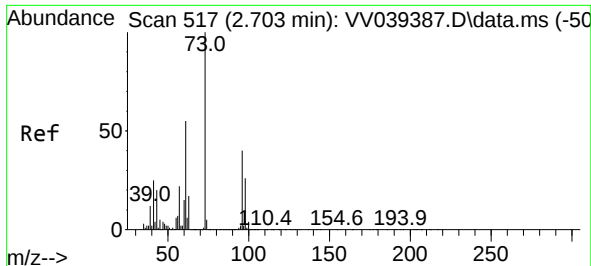
Tgt Ion: 43 Resp: 2041461
Ion Ratio Lower Upper
43 100
74 23.6 18.7 28.1



#16
Methylene chloride
Concen: 154.066 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 84 Resp: 1753064
Ion Ratio Lower Upper
84 100
86 65.0 44.4 82.5
49 123.0 88.2 163.8

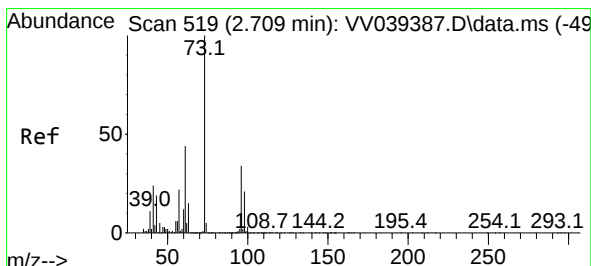
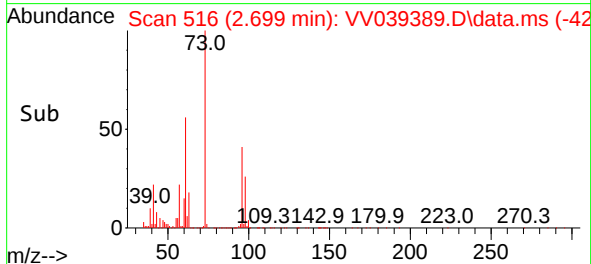
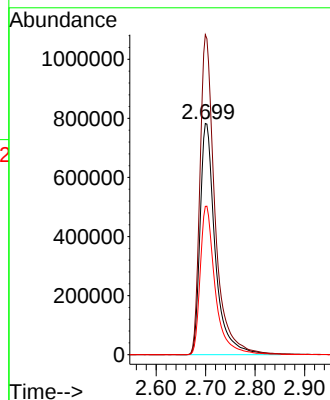
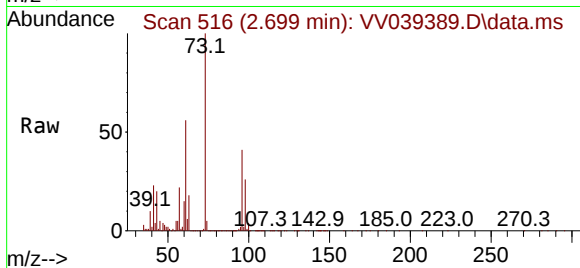




#17
trans-1,2-Dichloroethene
Concen: 168.148 ug/L
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

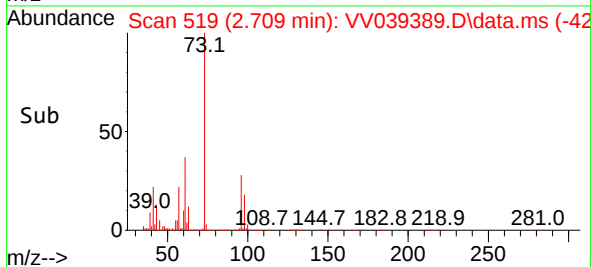
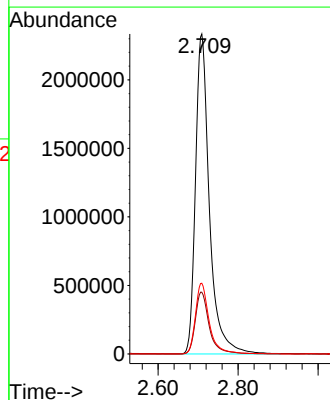
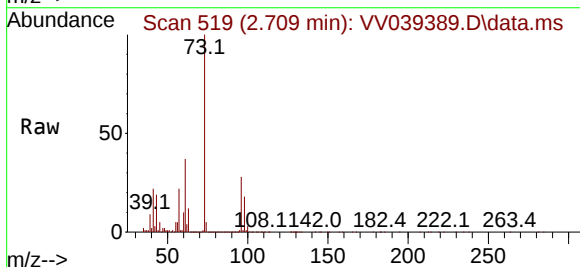
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

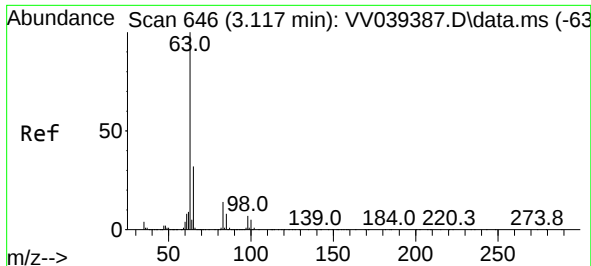
Tgt Ion: 96 Resp: 1666014
Ion Ratio Lower Upper
96 100
61 138.4 96.1 178.5
98 64.2 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 189.474 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 73 Resp: 5662057
Ion Ratio Lower Upper
73 100
43 19.1 15.4 23.2
57 22.0 17.6 26.4



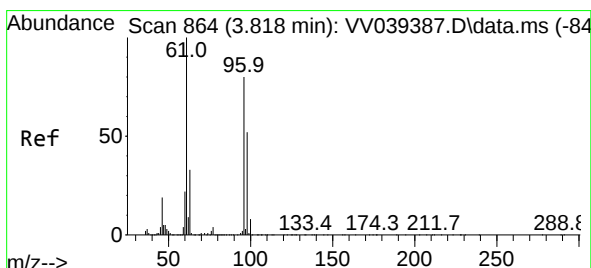
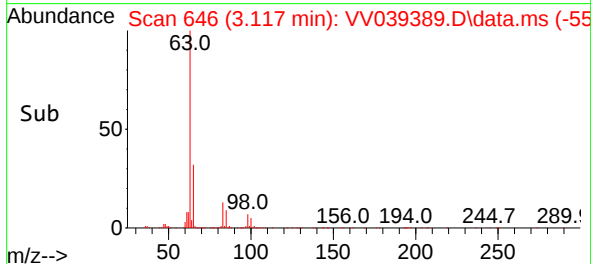
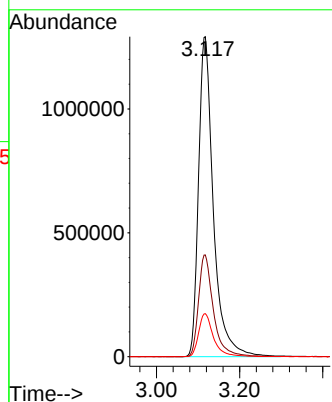
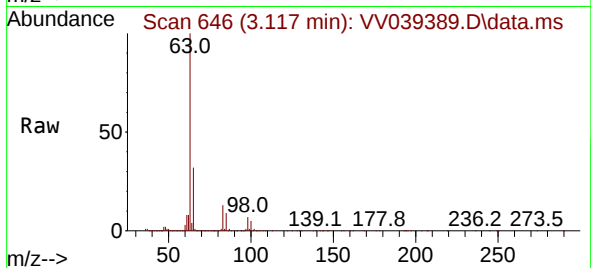


#19
1,1-Dichloroethane
Concen: 156.810 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

Tgt Ion: 63 Resp: 3201114

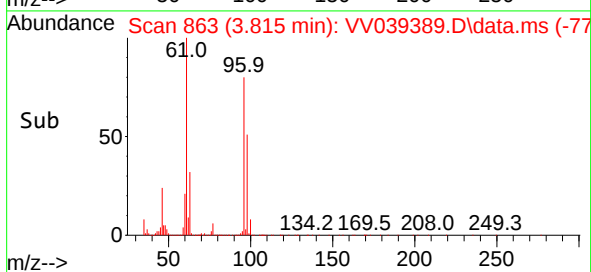
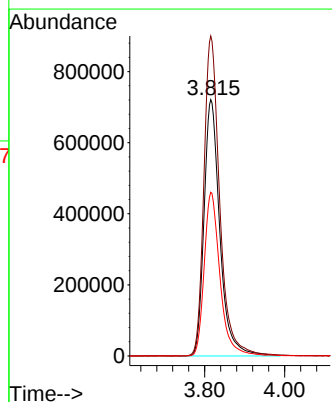
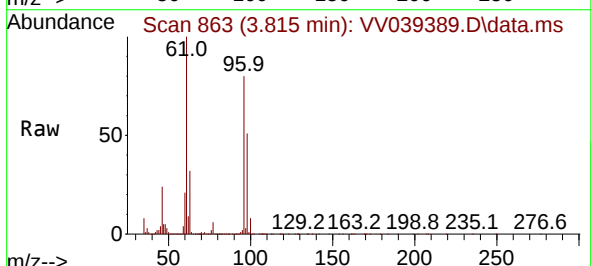
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.4	41.6
83	13.4	9.6	17.8

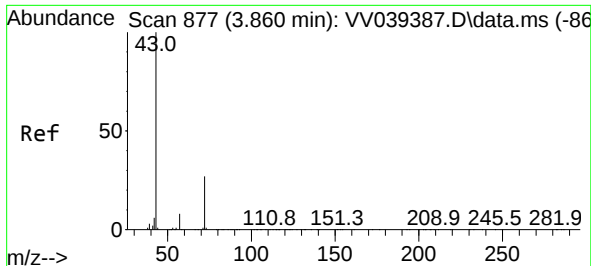


#20
cis-1,2-Dichloroethene
Concen: 186.842 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 96 Resp: 1985253

Ion	Ratio	Lower	Upper
96	100		
61	124.8	87.3	162.1
98	63.9	45.1	83.7

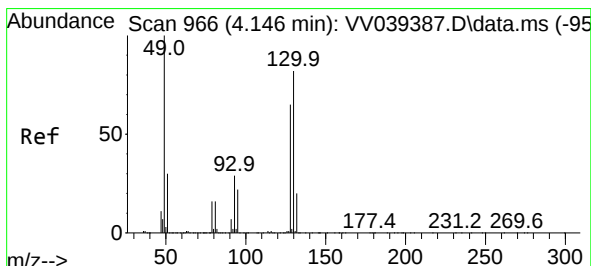
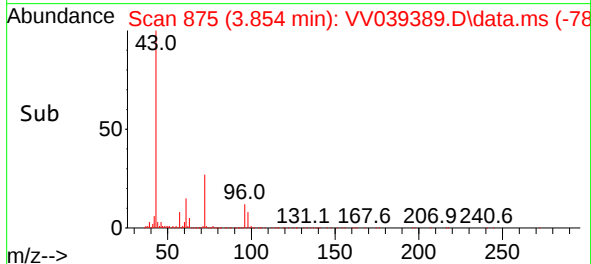
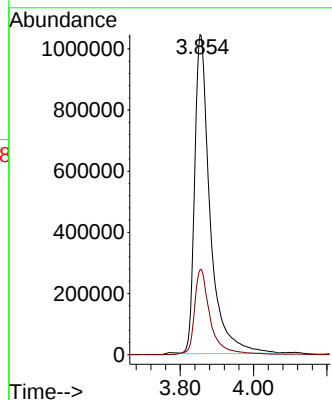
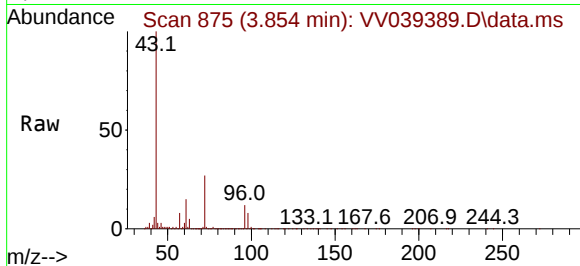




#22
2-Butanone
Concen: 388.834 ug/L
RT: 3.854 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

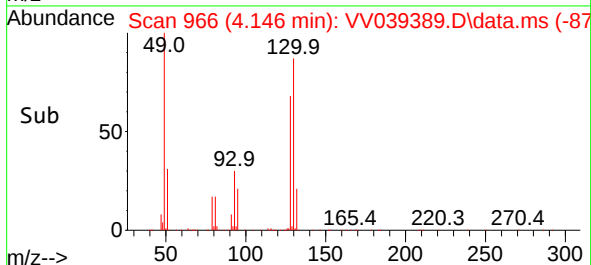
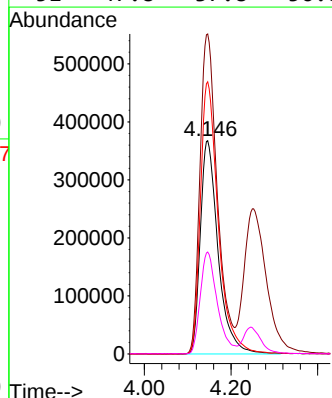
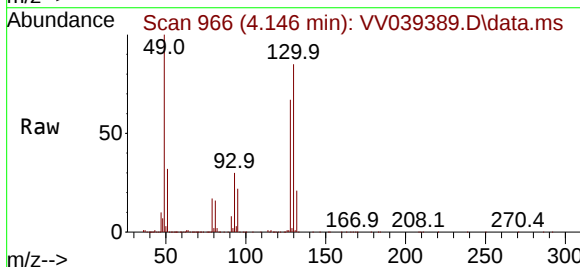
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

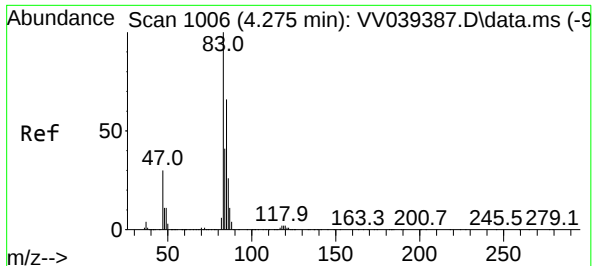
Tgt Ion: 43 Resp: 3052673
Ion Ratio Lower Upper
43 100
72 26.8 13.3 39.9



#23
Bromochloromethane
Concen: 181.976 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 128 Resp: 1047561
Ion Ratio Lower Upper
128 100
49 150.0 108.6 201.6
130 127.5 89.2 165.6
51 47.8 37.8 56.8

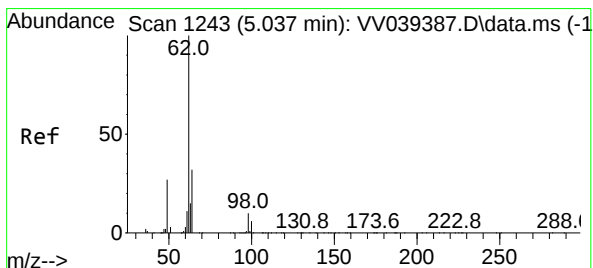
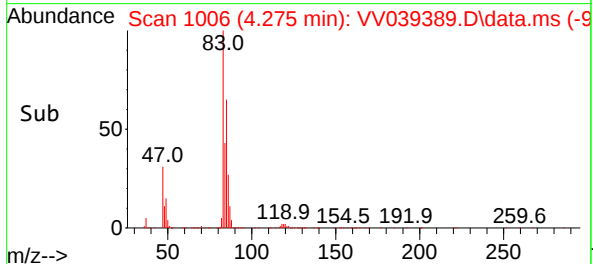
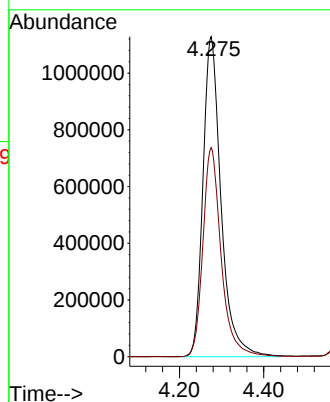
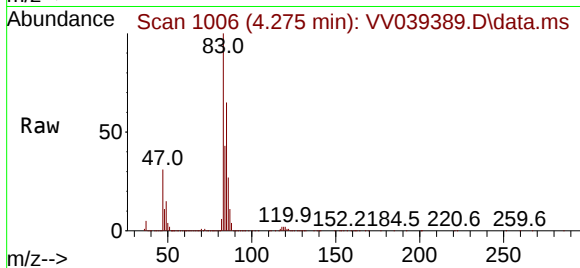




#25
Chloroform
Concen: 165.139 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

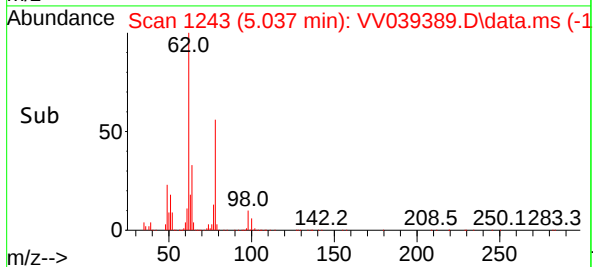
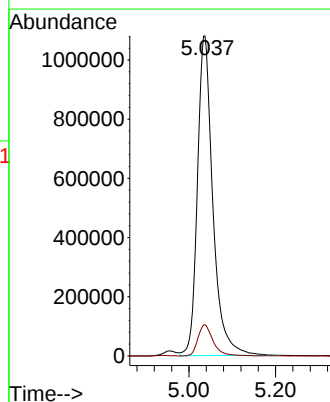
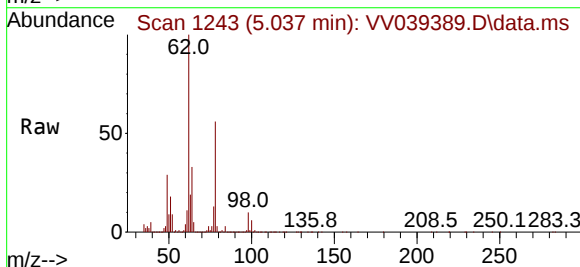
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

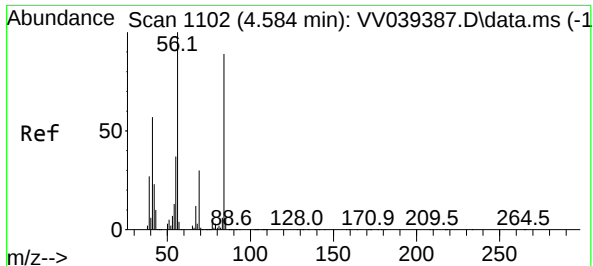
Tgt Ion: 83 Resp: 3366048
Ion Ratio Lower Upper
83 100
85 65.4 46.0 85.4



#27
1,2-Dichloroethane
Concen: 174.063 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 62 Resp: 2675515
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 186.095 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

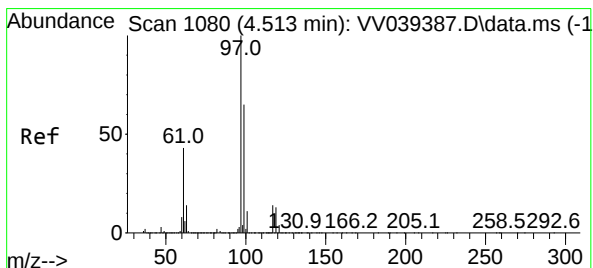
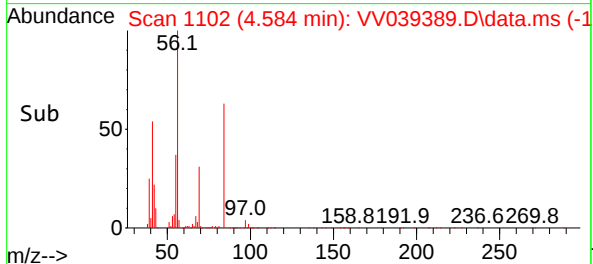
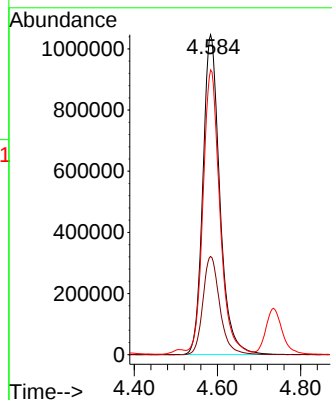
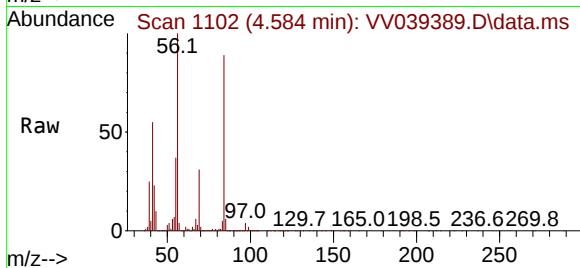
MSVOA_V

ClientSampleId :

VSTD200235

Tgt Ion: 56 Resp: 2950734

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	88.7	70.7	106.1



#30

1,1,1-Trichloroethane

Concen: 177.857 ug/L

RT: 4.513 min Scan# 1080

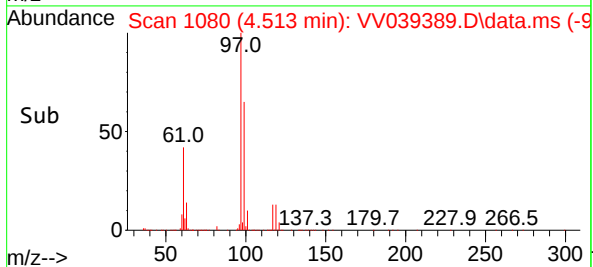
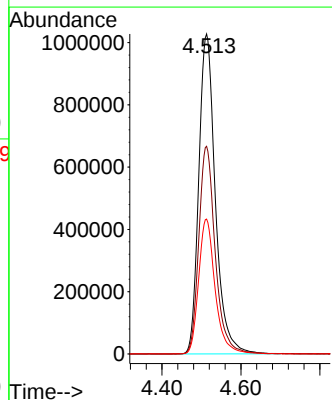
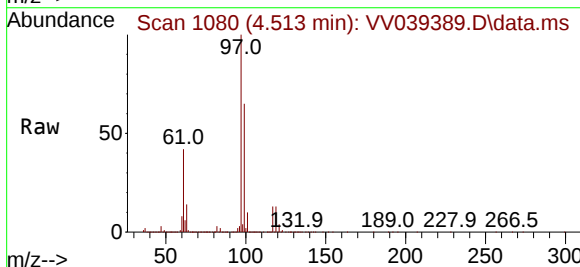
Delta R.T. 0.000 min

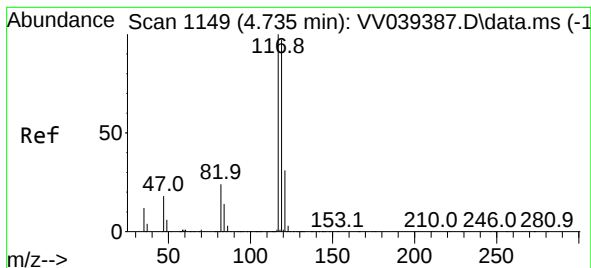
Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Tgt Ion: 97 Resp: 2990869

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	42.0	34.5	51.7





#31

Carbon tetrachloride

Concen: 185.027 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

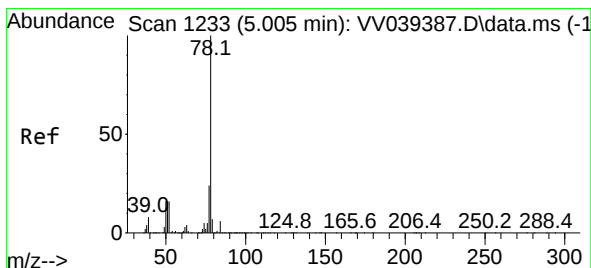
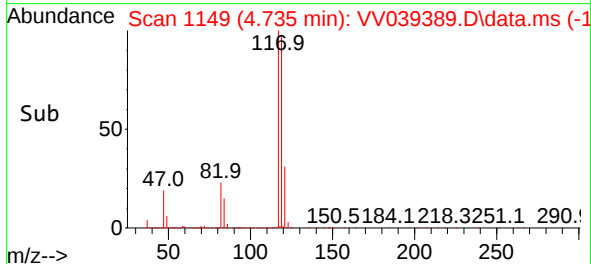
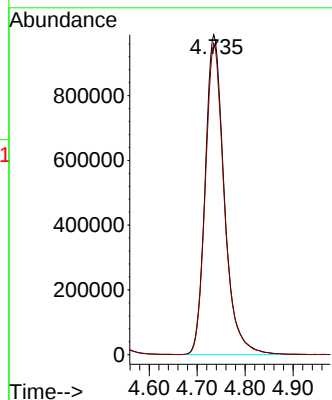
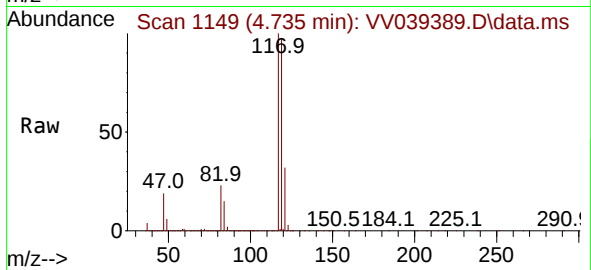
VSTD200235

Tgt Ion:117 Resp: 2735119

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1



#33

Benzene

Concen: 174.610 ug/L

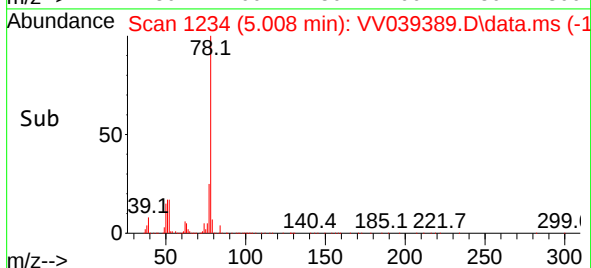
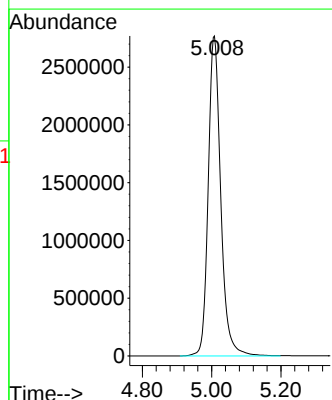
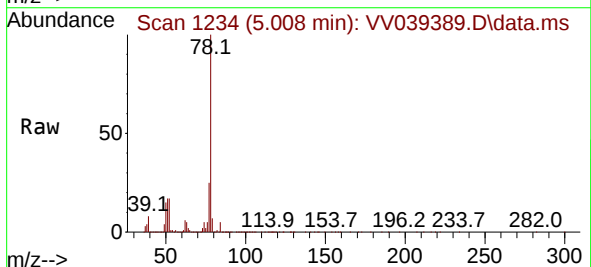
RT: 5.008 min Scan# 1234

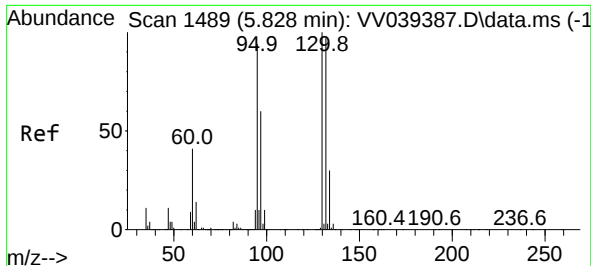
Delta R.T. 0.003 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Tgt Ion: 78 Resp: 6926201

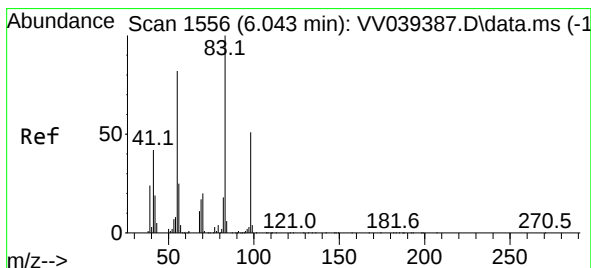
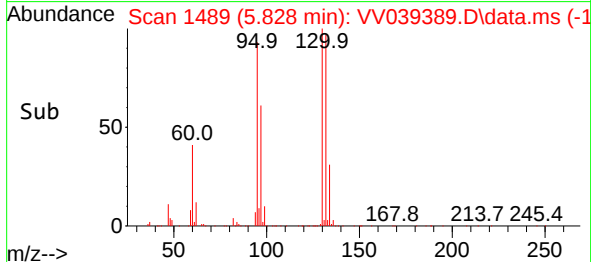
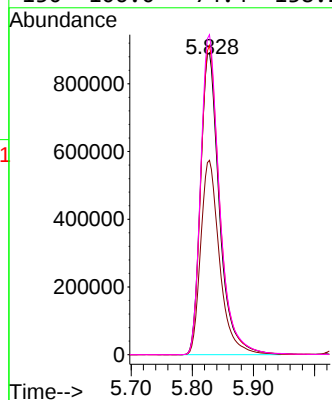
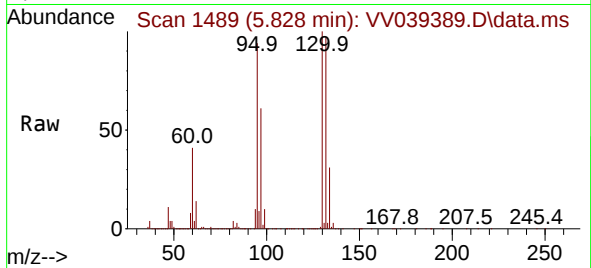




#34
Trichloroethene
Concen: 180.803 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

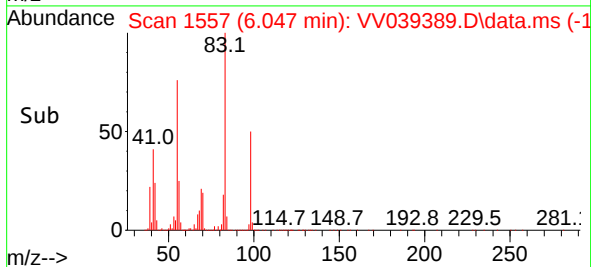
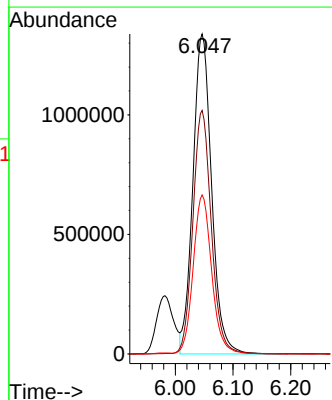
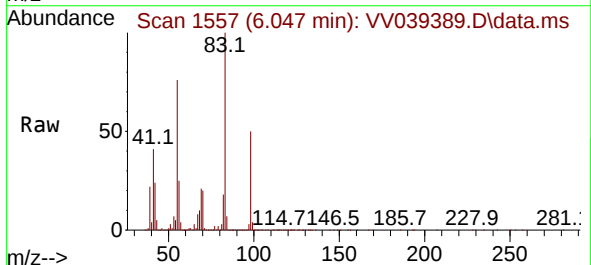
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

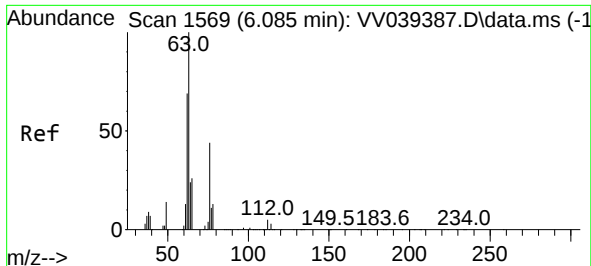
Tgt Ion: 95 Resp: 1911355
Ion Ratio Lower Upper
95 100
97 64.4 44.4 82.5
132 102.5 71.9 133.5
130 106.0 74.4 138.2



#35
Methylcyclohexane
Concen: 184.387 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 83 Resp: 3011238
Ion Ratio Lower Upper
83 100
55 75.0 62.5 93.7
98 49.1 39.2 58.8





#37

1,2-Dichloropropane

Concen: 167.424 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

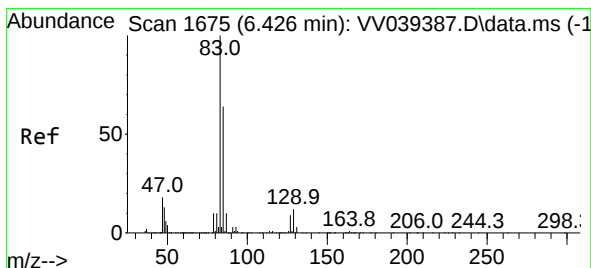
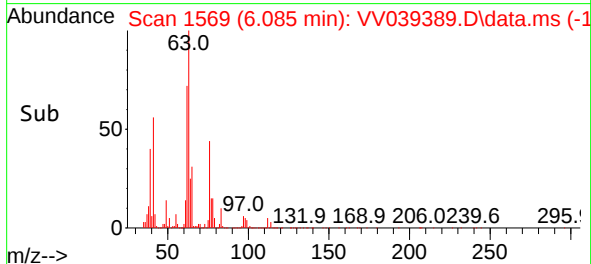
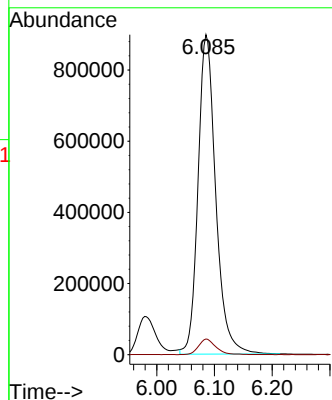
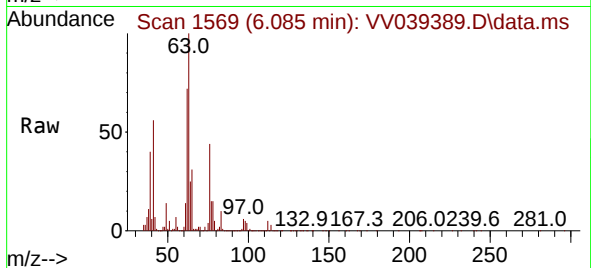
VSTD200235

Tgt Ion: 63 Resp: 1908080

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 177.164 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

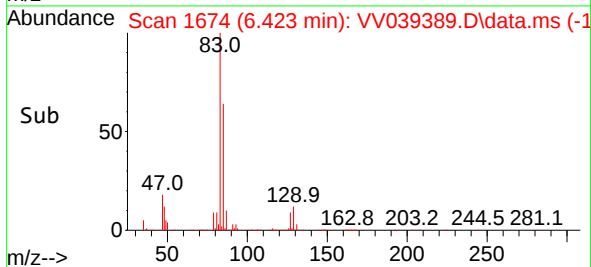
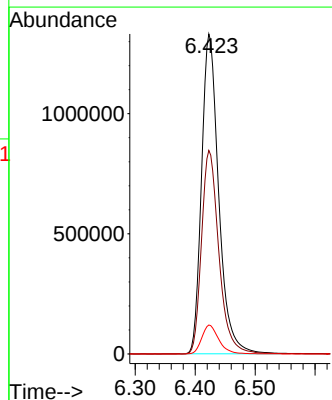
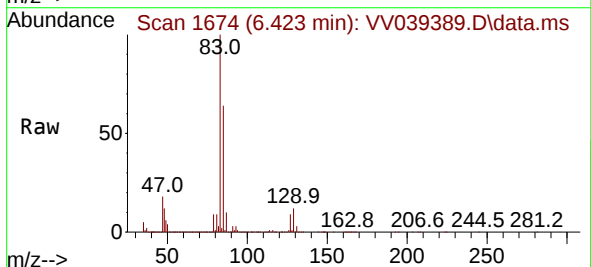
Tgt Ion: 83 Resp: 2654916

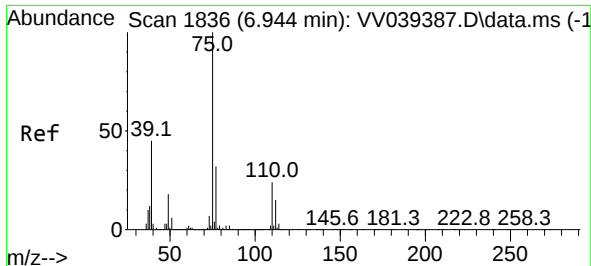
Ion Ratio Lower Upper

83 100

85 63.6 44.9 83.5

127 9.0 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 206.311 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

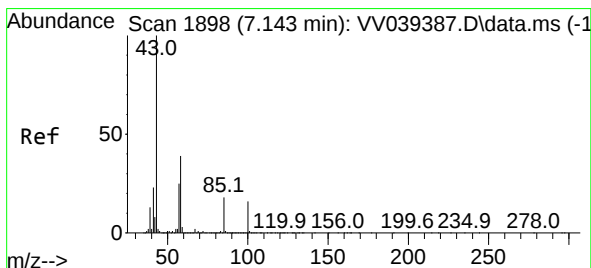
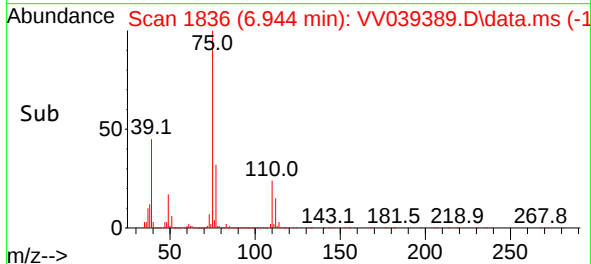
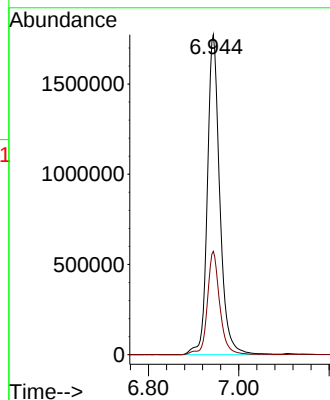
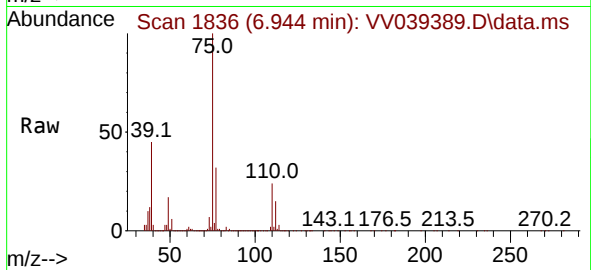
VSTD200235

Tgt Ion: 75 Resp: 3395410

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 355.579 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

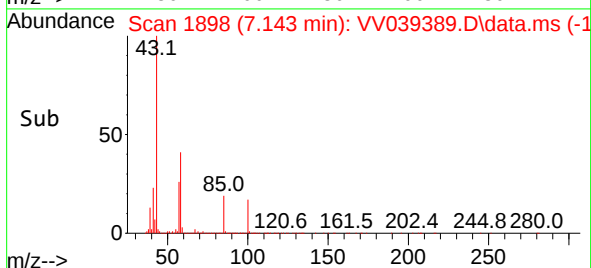
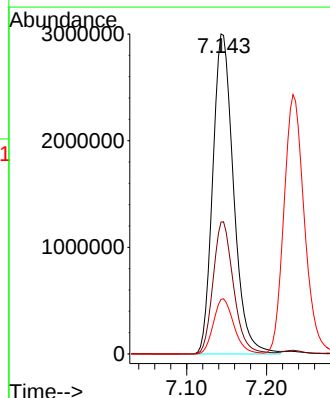
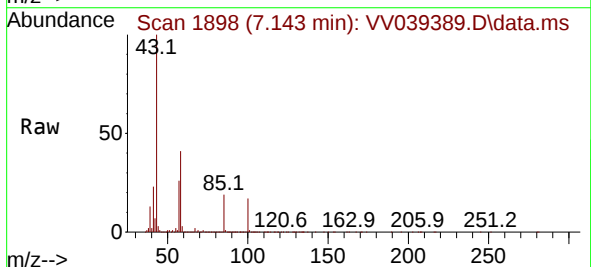
Tgt Ion: 43 Resp: 5426369

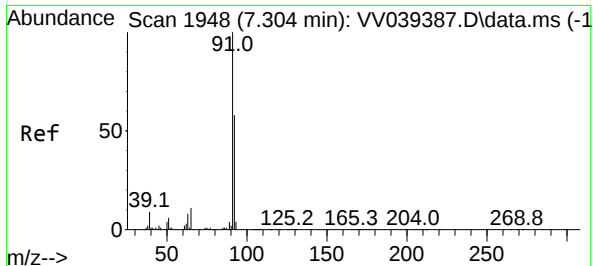
Ion Ratio Lower Upper

43 100

58 40.6 30.8 46.2

100 16.9 12.5 18.7

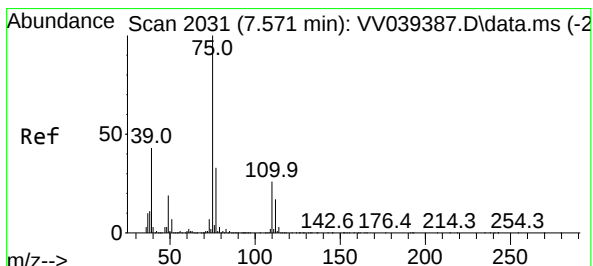
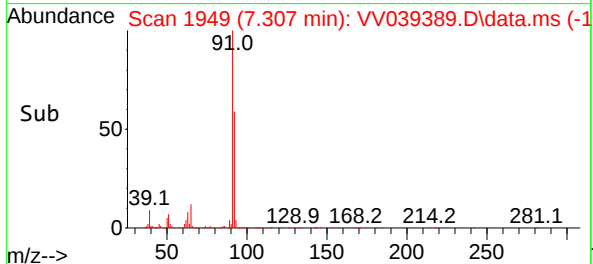
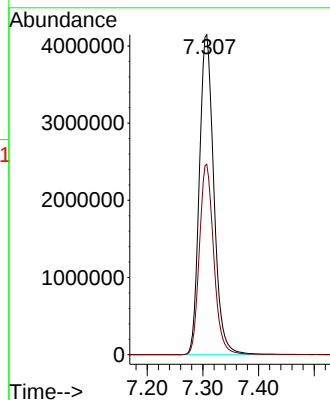
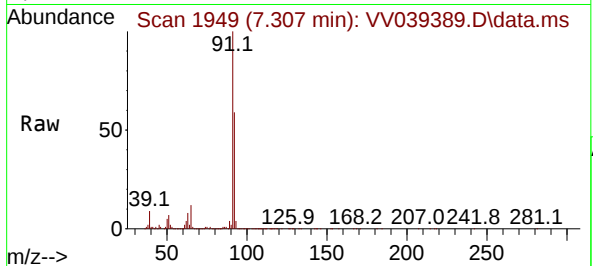




#42
Toluene
Concen: 182.253 ug/L
RT: 7.307 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

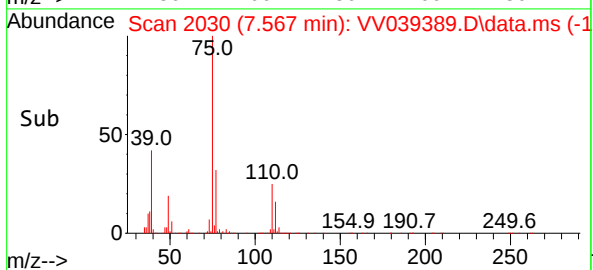
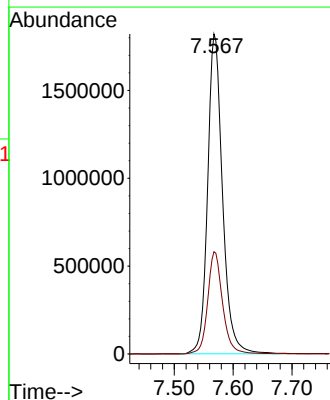
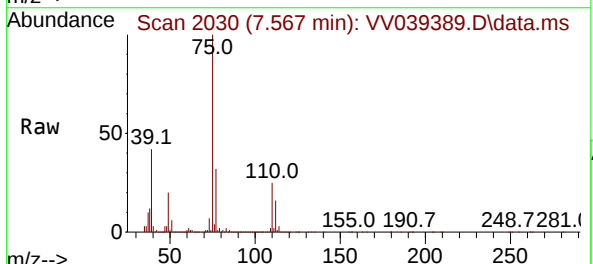
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

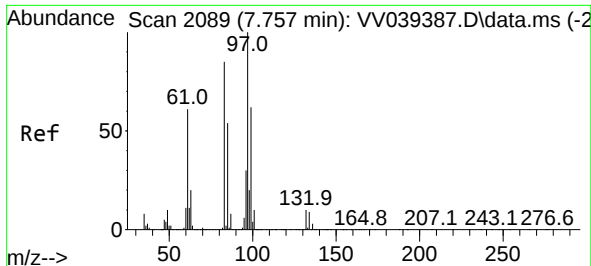
Tgt Ion: 91 Resp: 7492008
Ion Ratio Lower Upper
91 100
92 59.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 200.562 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.003 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 75 Resp: 3201219
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.6



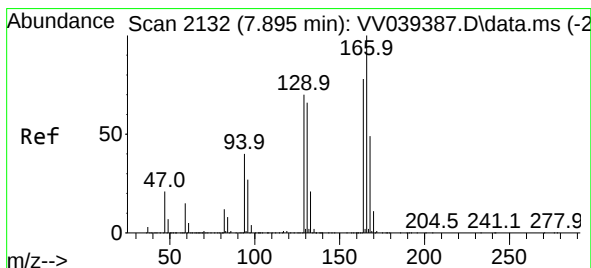
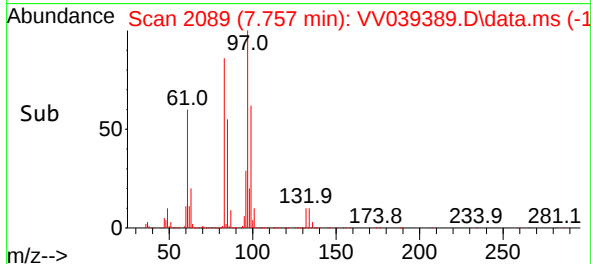
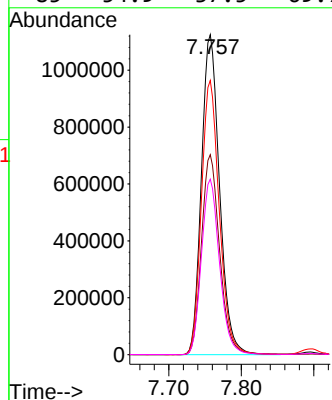
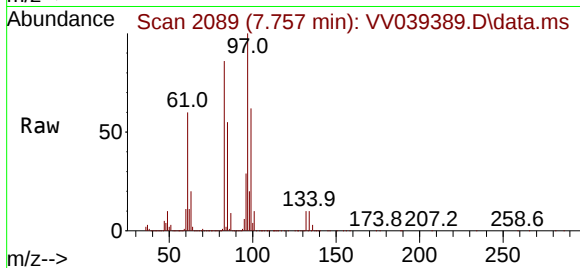


#45
1,1,2-Trichloroethane
Concen: 172.894 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

Tgt Ion: 97 Resp: 1954453

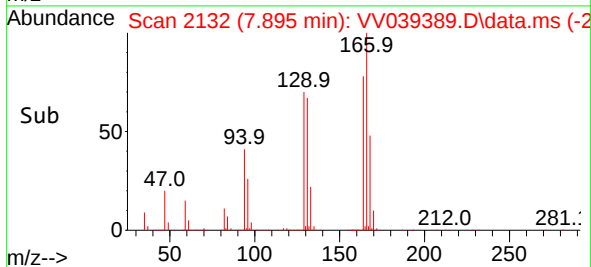
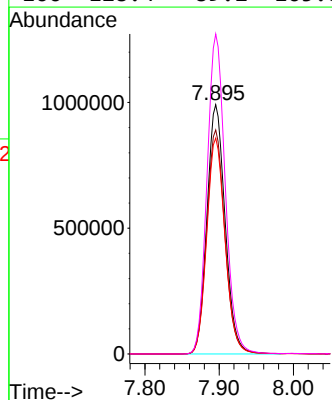
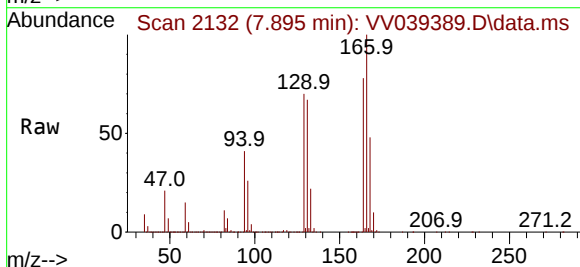
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.7	81.1
83	85.7	59.1	109.9
85	54.9	37.5	69.7

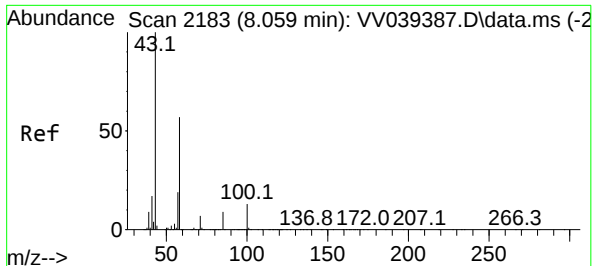


#46
Tetrachloroethene
Concen: 208.306 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 164 Resp: 1688924

Ion	Ratio	Lower	Upper
164	100		
129	89.9	62.0	115.2
131	86.6	59.1	109.7
166	128.4	89.2	165.8



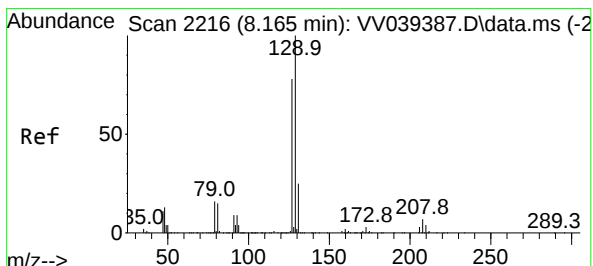
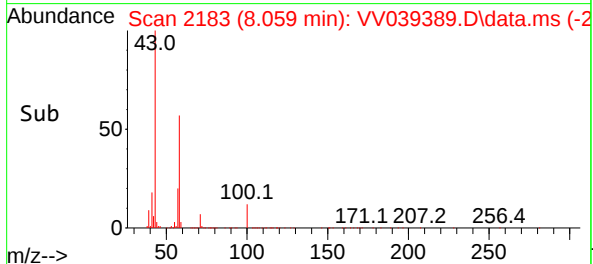
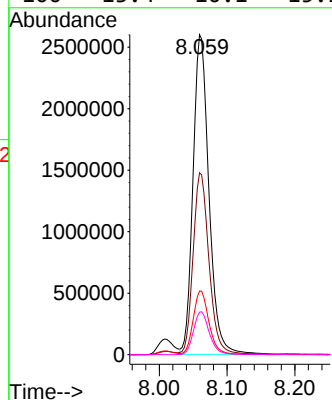
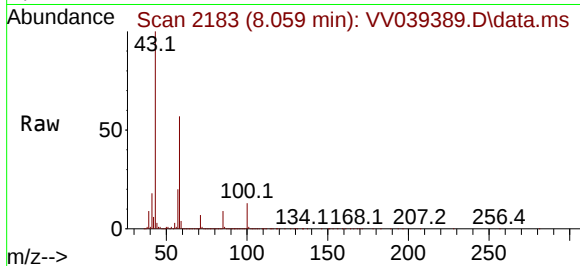


#48
2-Hexanone
Concen: 374.727 ug/L
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

Tgt Ion: 43 Resp: 4243947

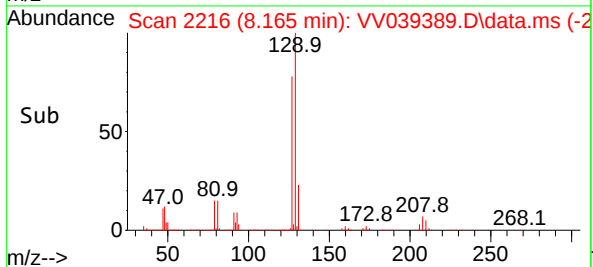
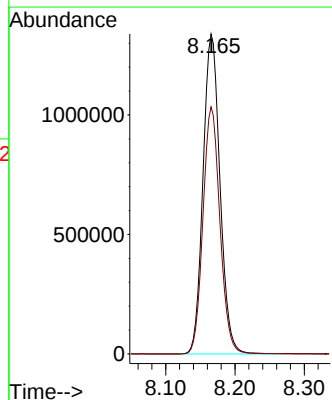
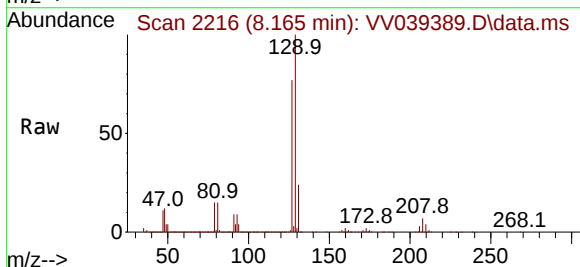
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.0	67.4
57	19.5	15.0	22.6
100	13.4	10.1	15.1

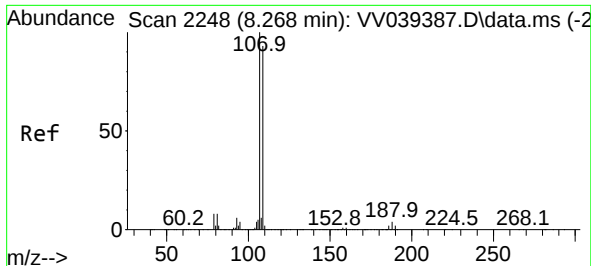


#49
Dibromochloromethane
Concen: 194.273 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 129 Resp: 2270828

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 183.561 ug/L

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD200235

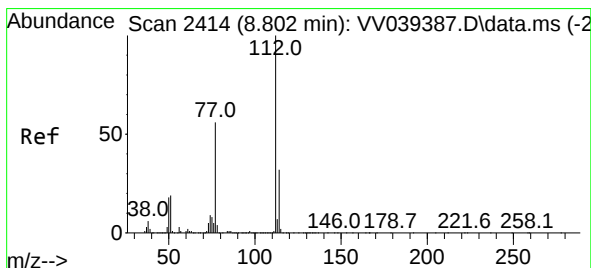
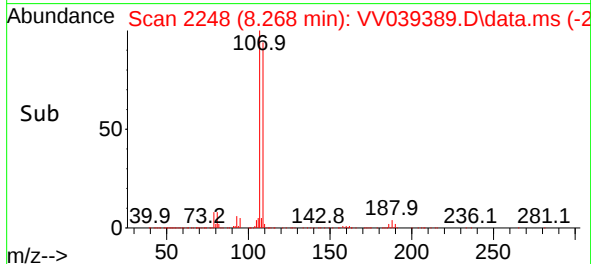
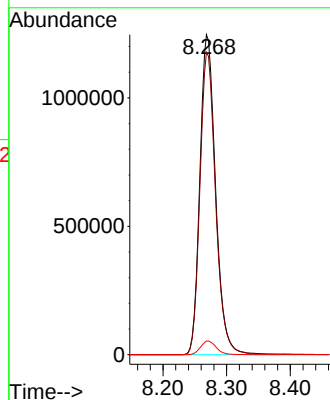
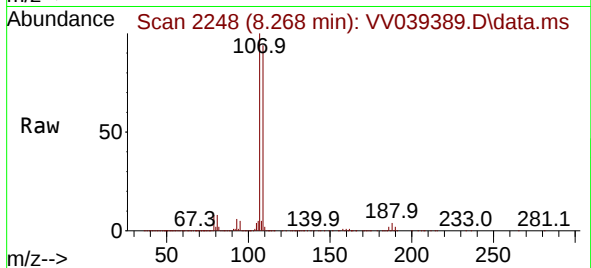
Tgt Ion:107 Resp: 2137372

Ion Ratio Lower Upper

107 100

109 94.5 65.0 120.8

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 183.189 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

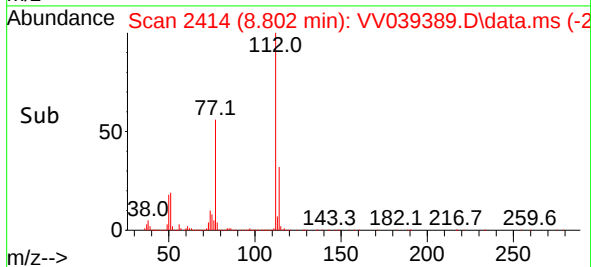
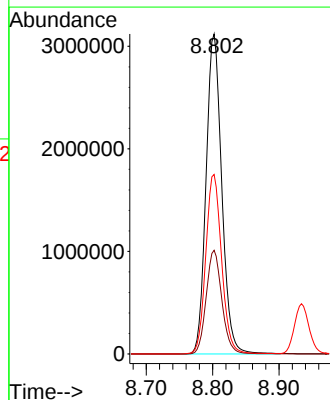
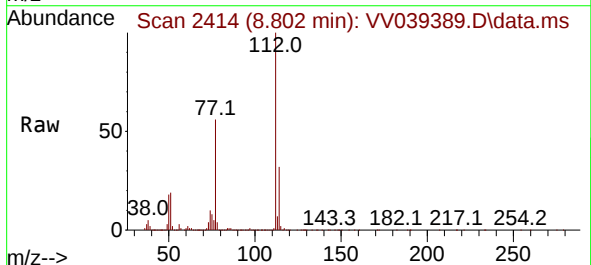
Tgt Ion:112 Resp: 5128848

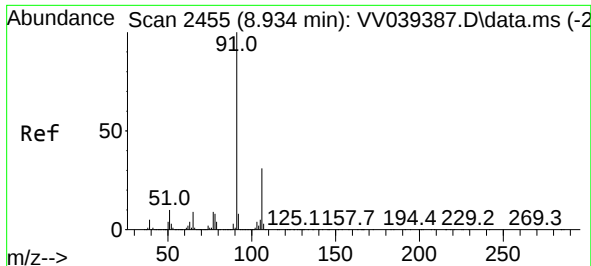
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 56.1 45.1 67.7

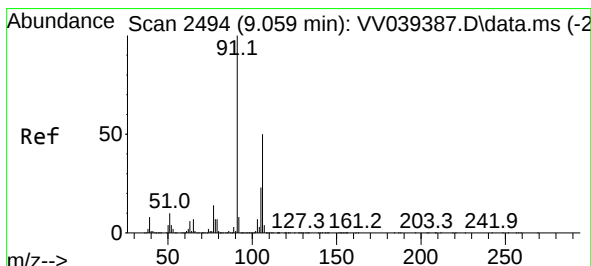
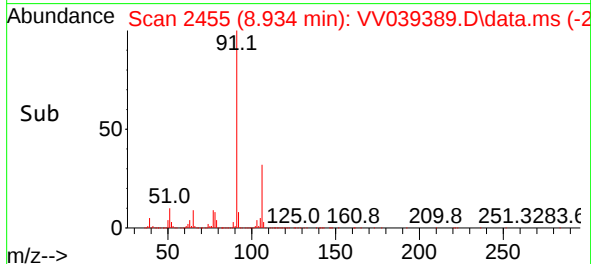
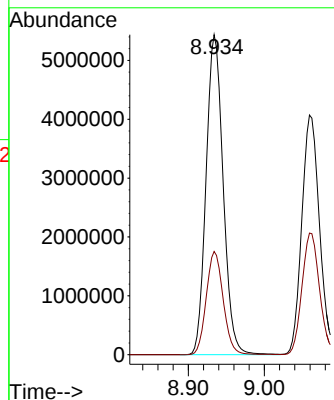
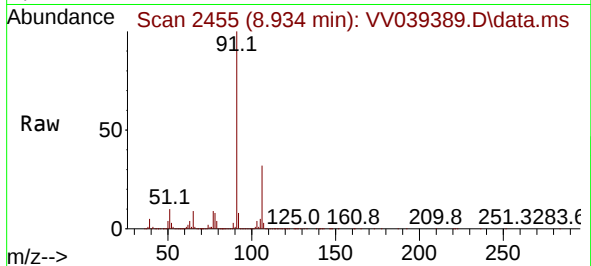




#52
Ethylbenzene
Concen: 190.912 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

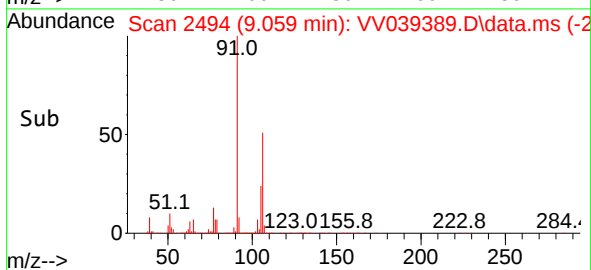
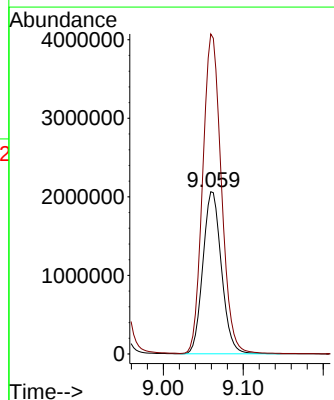
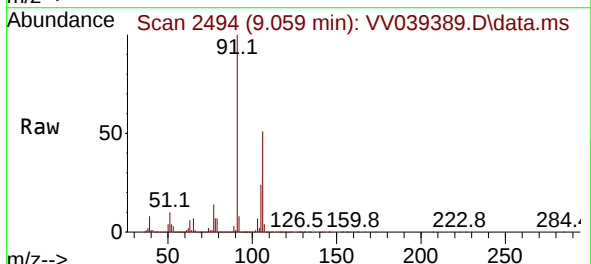
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

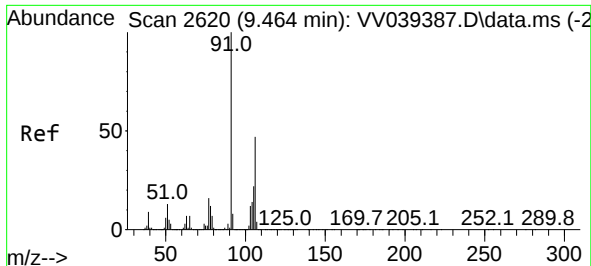
Tgt Ion: 91 Resp: 8476484
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.4



#53
m,p-Xylene
Concen: 203.423 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 106 Resp: 3332574
Ion Ratio Lower Upper
106 100
91 197.2 141.1 262.1

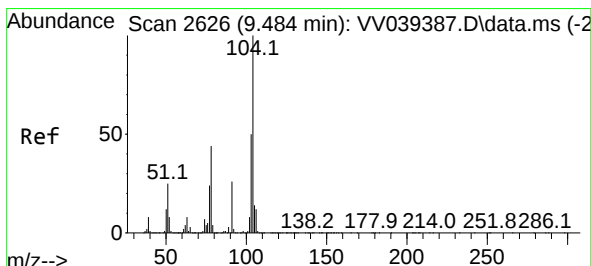
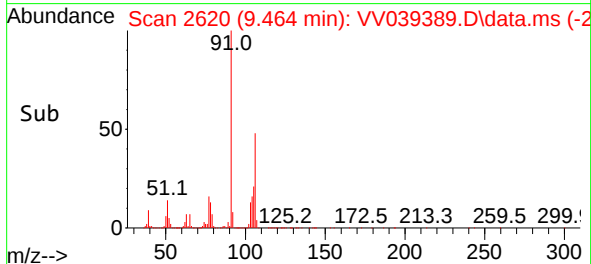
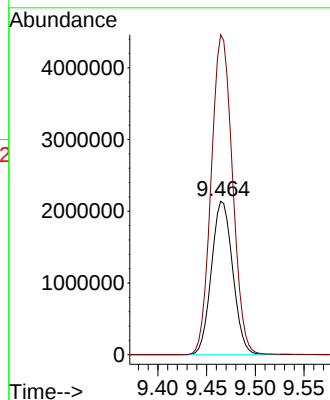
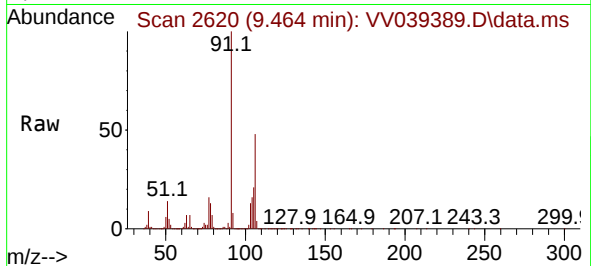




#54
o-Xylene
Concen: 205.047 ug/L
RT: 9.464 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

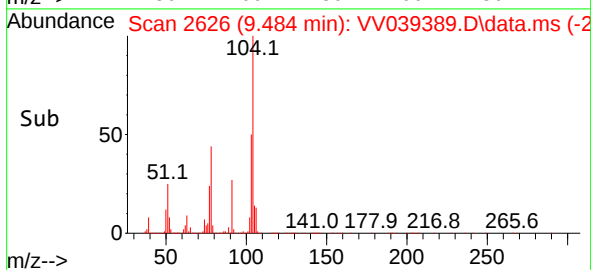
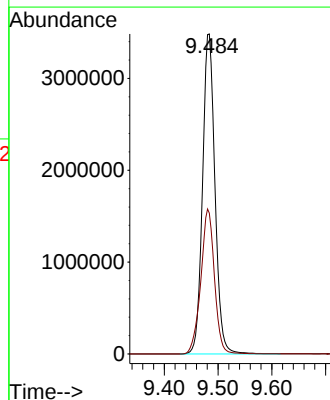
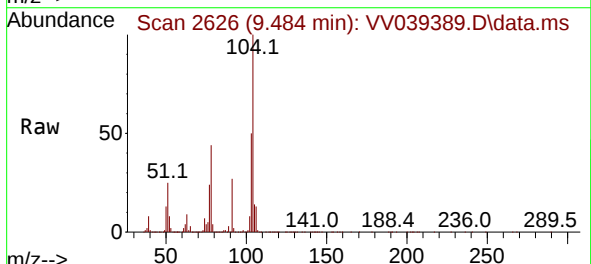
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

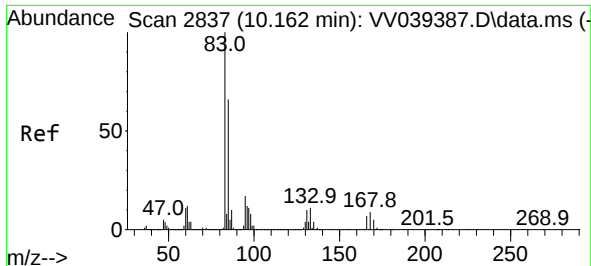
Tgt Ion:106 Resp: 3249306
Ion Ratio Lower Upper
106 100
91 208.5 149.0 276.6



#55
Styrene
Concen: 203.059 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion:104 Resp: 5601747
Ion Ratio Lower Upper
104 100
78 44.0 30.5 56.7

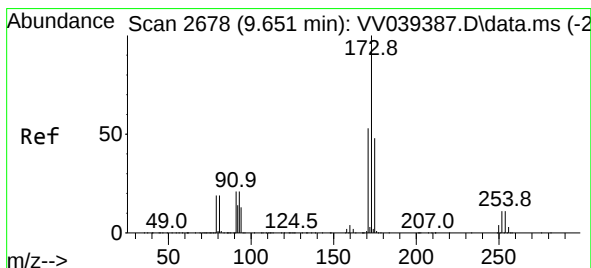
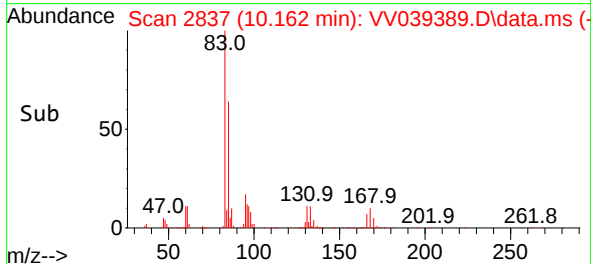
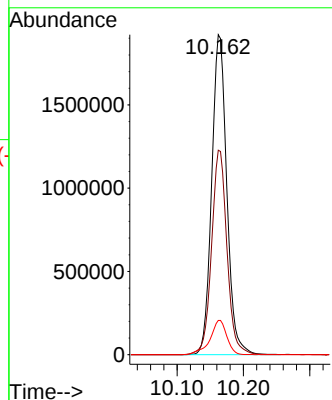
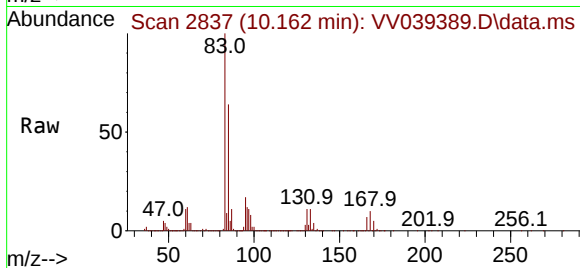




#57
1,1,2,2-Tetrachloroethane
Concen: 164.260 ug/L
RT: 10.162 min Scan# 2837
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

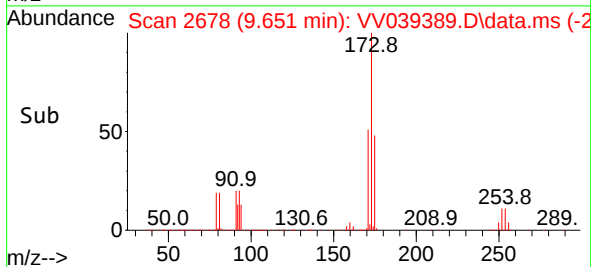
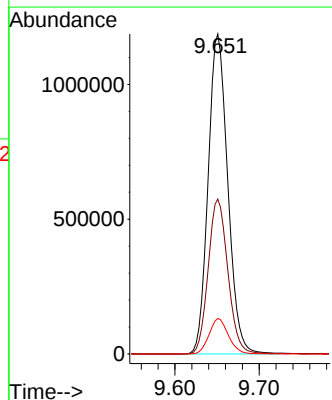
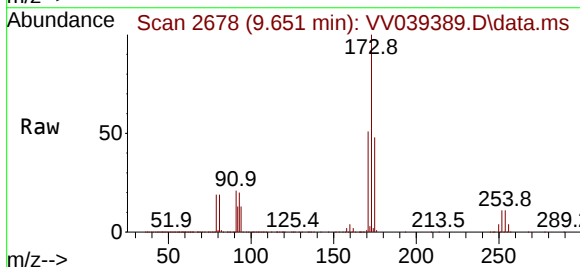
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

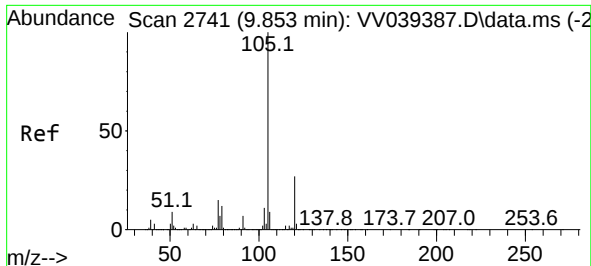
Tgt Ion: 83 Resp: 3040024
Ion Ratio Lower Upper
83 100
85 63.9 46.1 85.5
131 10.7 8.3 12.5



#59
Bromoform
Concen: 200.202 ug/L
RT: 9.651 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 173 Resp: 1924914
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 10.9 8.4 12.6

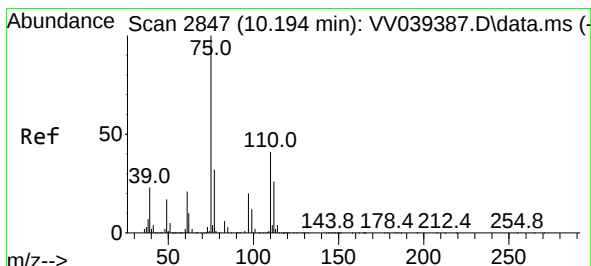
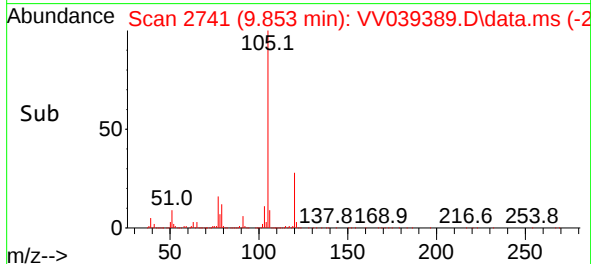
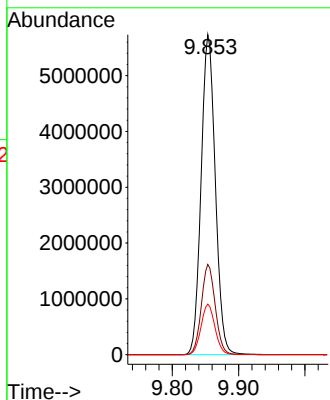
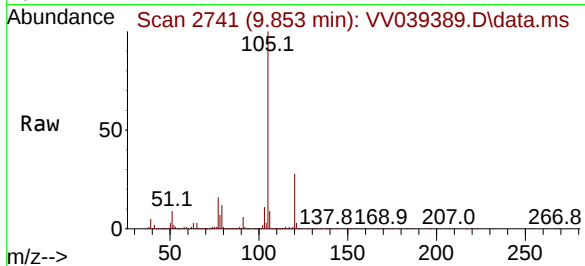




#60
Isopropylbenzene
Concen: 182.213 ug/L
RT: 9.853 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

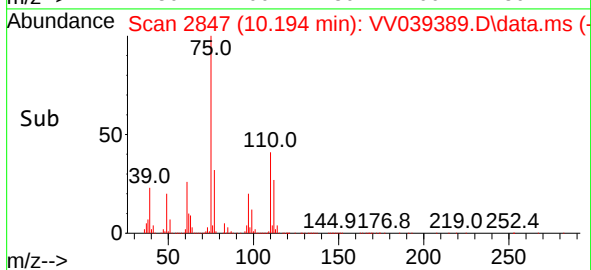
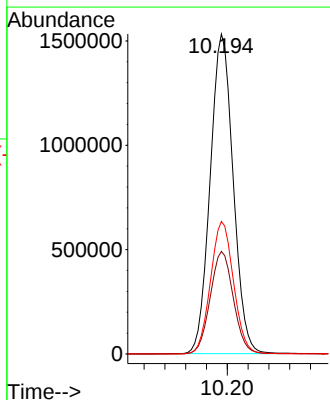
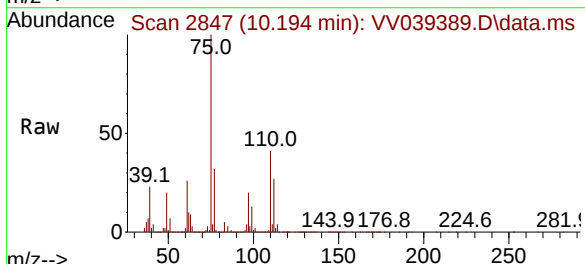
Instrument :
MSVOA_V
ClientSampleId :
VSTD200235

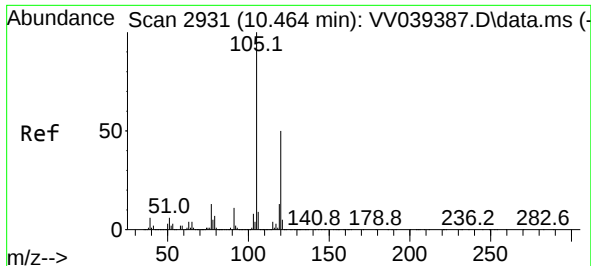
Tgt Ion:105 Resp: 8538303
Ion Ratio Lower Upper
105 100
120 27.6 21.4 32.0
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 147.664 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039389.D
Acq: 17 Nov 2025 13:13

Tgt Ion: 75 Resp: 2352561
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 41.6 32.6 49.0

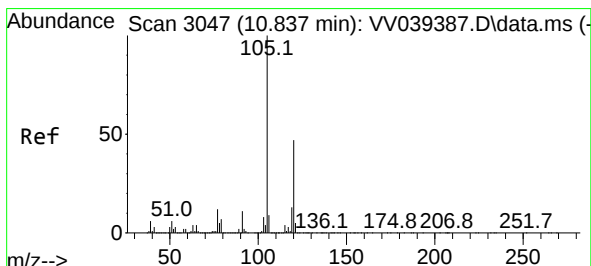
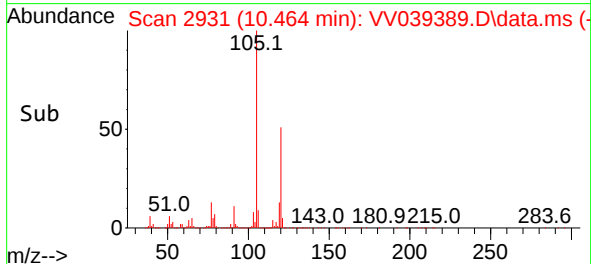
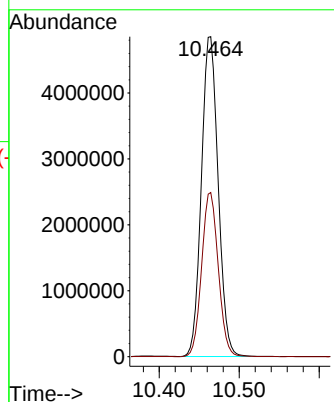
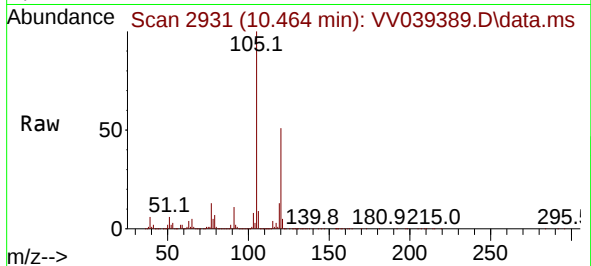




#62
 1,3,5-Trimethylbenzene
 Concen: 193.820 ug/L
 RT: 10.464 min Scan# 2931
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

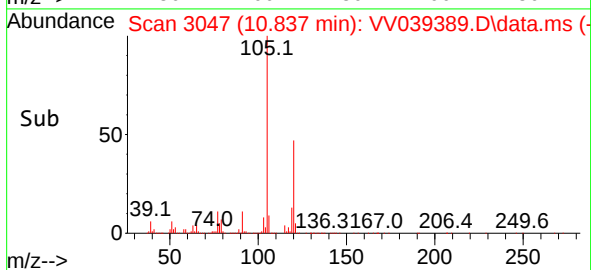
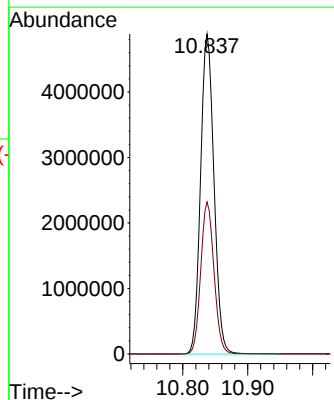
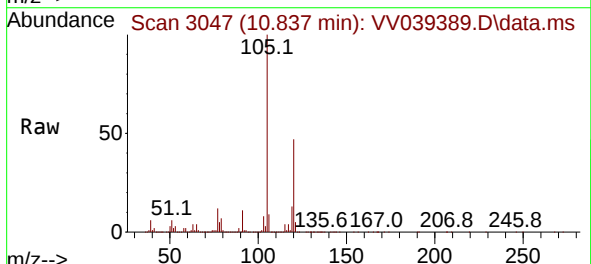
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200235

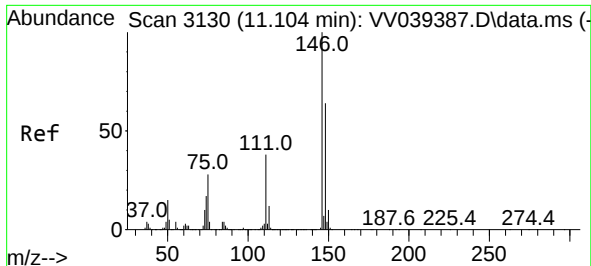
Tgt Ion:105 Resp: 7084757
 Ion Ratio Lower Upper
 105 100
 120 50.9 39.8 59.8



#63
 1,2,4-Trimethylbenzene
 Concen: 195.104 ug/L
 RT: 10.837 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

Tgt Ion:105 Resp: 7018568
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.4 56.2

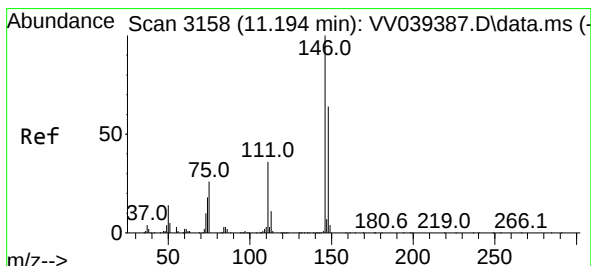
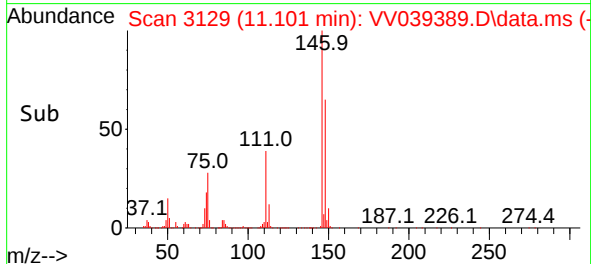
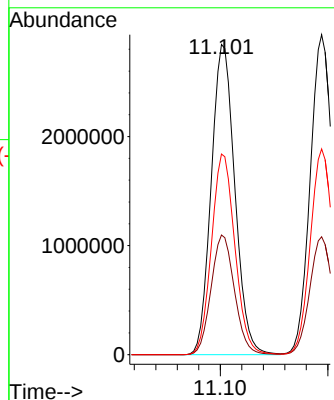
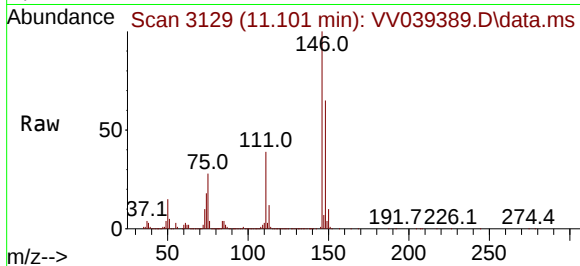




#64
 1,3-Dichlorobenzene
 Concen: 189.120 ug/L
 RT: 11.101 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

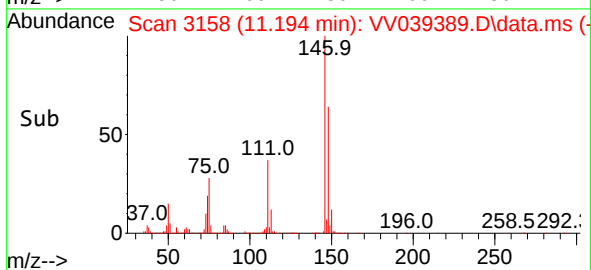
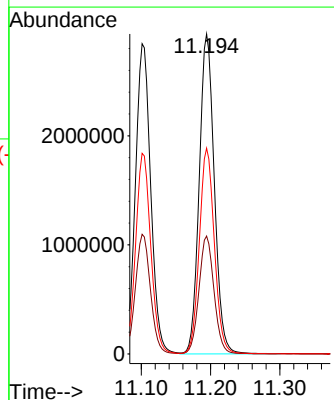
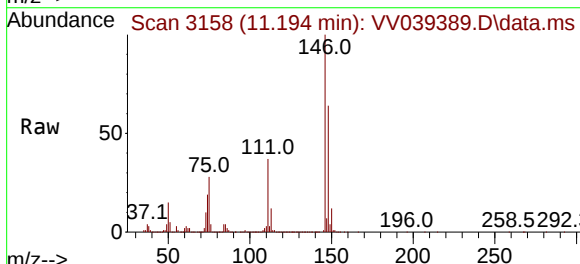
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200235

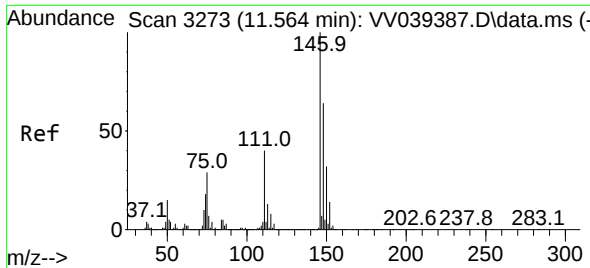
Tgt Ion:146 Resp: 4339527
 Ion Ratio Lower Upper
 146 100
 111 38.6 26.5 49.3
 148 64.7 44.6 82.8



#65
 1,4-Dichlorobenzene
 Concen: 180.352 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

Tgt Ion:146 Resp: 4449661
 Ion Ratio Lower Upper
 146 100
 111 36.9 25.6 47.4
 148 64.3 44.9 83.5

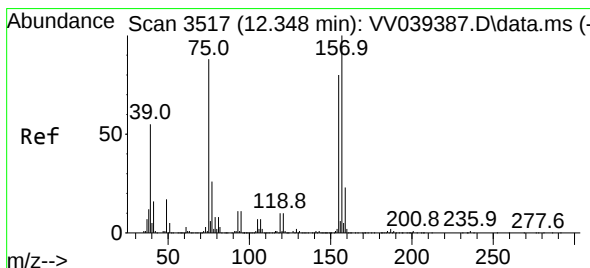
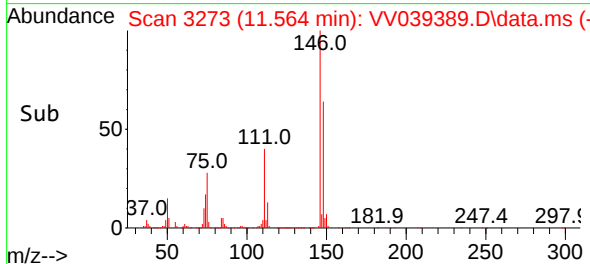
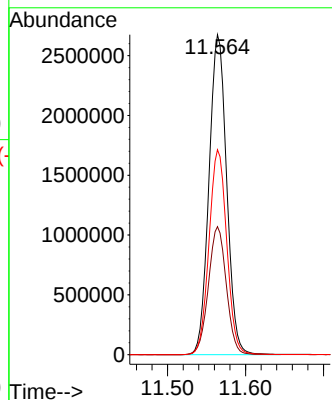
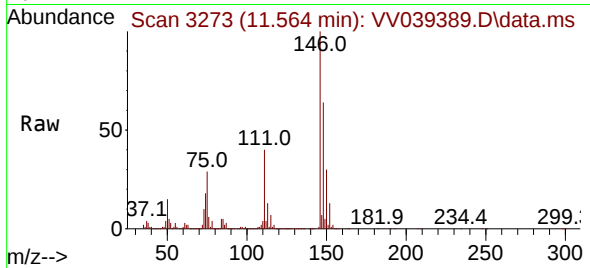




#67
 1,2-Dichlorobenzene
 Concen: 181.501 ug/L
 RT: 11.564 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

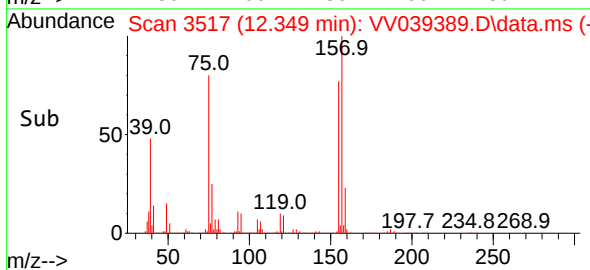
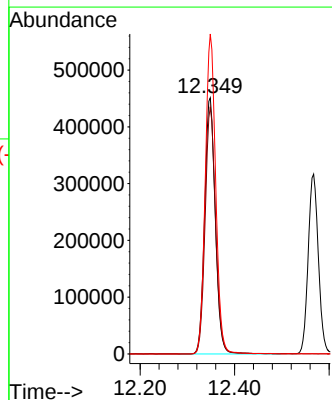
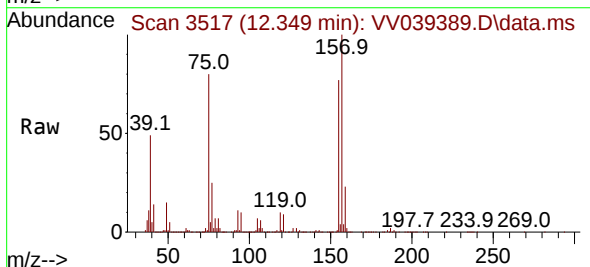
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200235

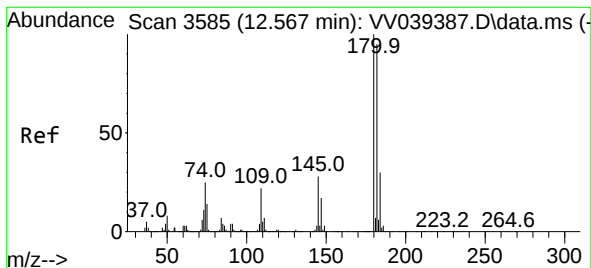
Tgt Ion:146 Resp: 4206505
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.2 48.2
 148 64.1 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 155.193 ug/L
 RT: 12.349 min Scan# 3517
 Delta R.T. 0.000 min
 Lab File: VV039389.D
 Acq: 17 Nov 2025 13:13

Tgt Ion: 75 Resp: 705589
 Ion Ratio Lower Upper
 75 100
 155 96.4 73.0 109.4
 157 124.9 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 211.816 ug/L

RT: 12.567 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD200235

Tgt Ion:180 Resp: 3277379

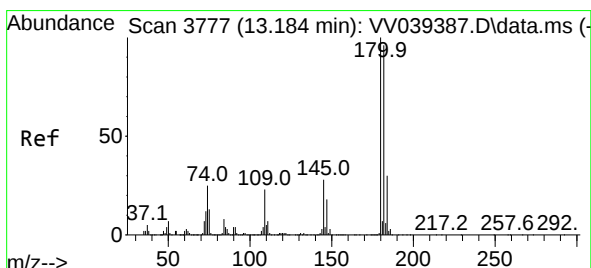
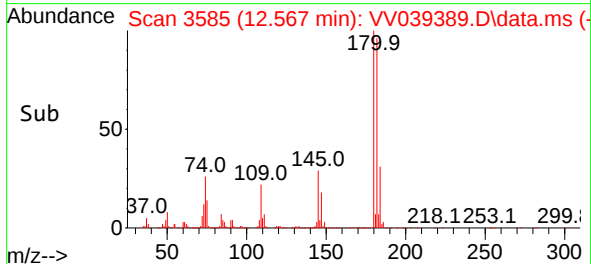
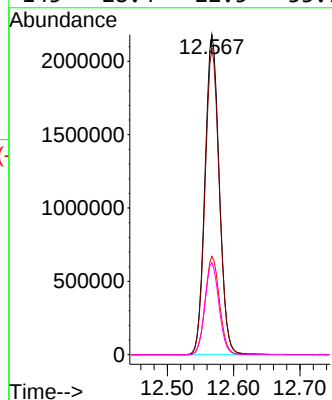
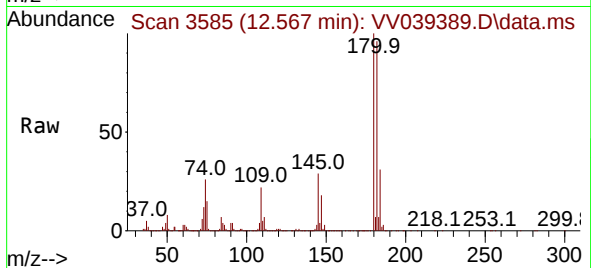
Ion Ratio Lower Upper

180 100

182 95.6 75.8 113.8

184 30.7 24.3 36.5

145 28.4 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 235.960 ug/L

RT: 13.181 min Scan# 3776

Delta R.T. -0.003 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

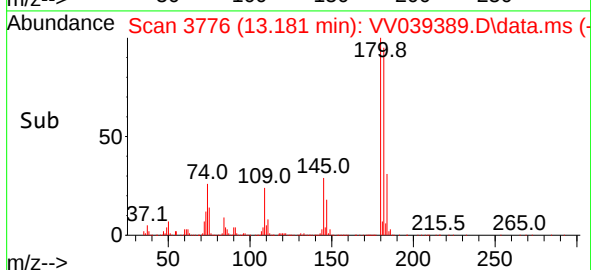
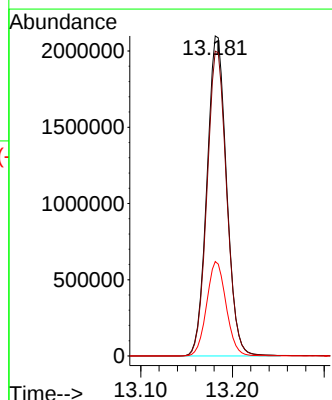
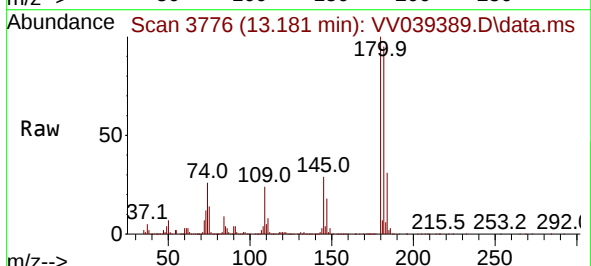
Tgt Ion:180 Resp: 3122716

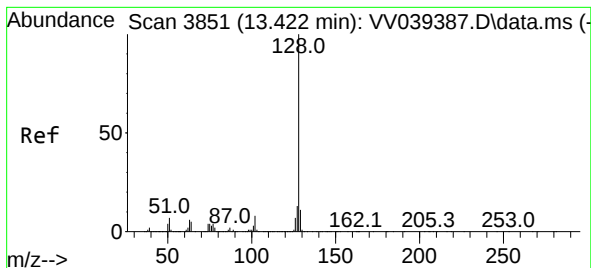
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 29.3 22.5 33.7





#71

Naphthalene

Concen: 205.924 ug/L

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD200235

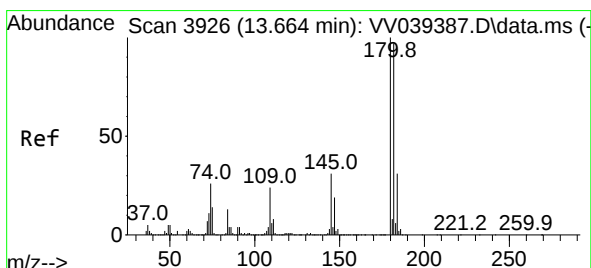
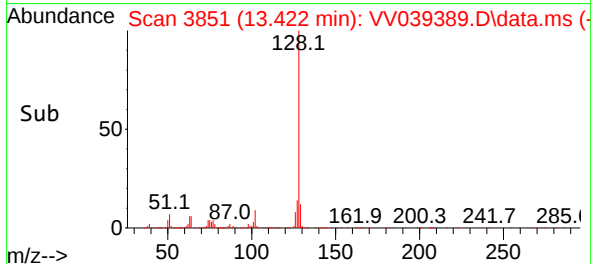
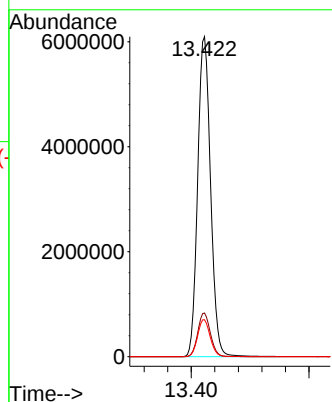
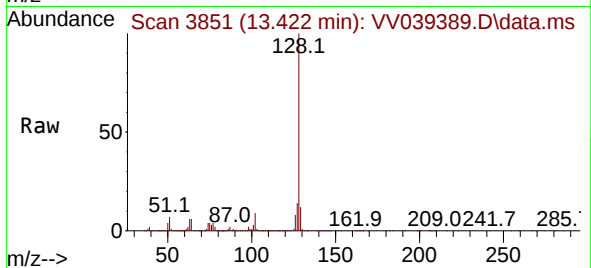
Tgt Ion:128 Resp: 9256230

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.3 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 226.824 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039389.D

Acq: 17 Nov 2025 13:13

Tgt Ion:180 Resp: 3132082

Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

145 30.5 24.3 36.5

