

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039408.D
 Acq On : 19 Nov 2025 11:46
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020264

Quant Time: Nov 20 03:24:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	349623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	367468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	277780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	918437	19.123	ug/L	0.00
7) Chloroethane-d5	1.542	69	778884	21.997	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	419846	20.855	ug/L	0.00
20) 2-Butanone-d5	3.776	46	1820428	280.462	ug/L	-0.02
24) Chloroform-d	4.249	84	1990922	26.553	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	903757	26.604	ug/L	0.00
32) Benzene-d6	4.956	84	3861724	28.042	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1169318	23.212	ug/L	0.00
41) Toluene-d8	7.233	98	3696839	30.250	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	449130	29.216	ug/L	0.00
46) 2-Hexanone-d5	8.008	63	1545262	323.319	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	742877	24.194	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	1281597	24.807	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	700246	15.609	ug/L	99
3) Chloromethane	1.230	50	489056	10.019	ug/L	98
5) Vinyl chloride	1.297	62	608339	12.858	ug/L	99
6) Bromomethane	1.494	94	350951	14.411	ug/L	99
8) Chloroethane	1.558	64	426699	14.560	ug/L	99
9) Trichlorofluoromethane	1.725	101	1158108	17.623	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	752533	19.538	ug/L	99
12) 1,1-Dichloroethene	2.079	96	551070	16.073	ug/L	85
13) Acetone	2.117	43	1131938	223.977	ug/L	99
14) Carbon disulfide	2.252	76	876467	8.193	ug/L	99
15) Methyl Acetate	2.381	43	263406	20.425	ug/L #	89
16) Methylene chloride	2.455	84	750102	18.755	ug/L	96
17) Methyl tert-butyl Ether	2.709	73	1602910	24.294	ug/L	97
18) trans-1,2-Dichloroethene	2.703	96	614363	17.756	ug/L	97
19) 1,1-Dichloroethane	3.117	63	1496242	20.626	ug/L	99
21) 2-Butanone	3.857	43	1790136	245.838	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	851430	23.598	ug/L	97
23) Bromochloromethane	4.146	128	349225	21.413	ug/L	95
25) Chloroform	4.275	83	1622991	22.050	ug/L	97
27) 1,2-Dichloroethane	5.037	62	869052	21.787	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	1373726	22.007	ug/L	99
30) Cyclohexane	4.583	56	964037	18.295	ug/L	97
31) Carbon tetrachloride	4.735	117	1196341	21.636	ug/L	98
33) Benzene	5.008	78	2972858	20.934	ug/L	100
34) Trichloroethene	5.828	95	790709	21.812	ug/L	98
35) Methylcyclohexane	6.046	83	1045753	19.202	ug/L	97
37) 1,2-Dichloropropane	6.085	63	871055	22.821	ug/L	97
38) Bromodichloromethane	6.426	83	1146528	22.590	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	1292178	25.796	ug/L	98
40) 4-Methyl-2-pentanone	7.143	43	4537624	261.915	ug/L	96
42) Toluene	7.307	91	3335200	22.996	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	1057702	24.926	ug/L	100

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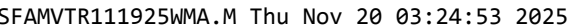
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 ClientSampleId :
 VSTD020264

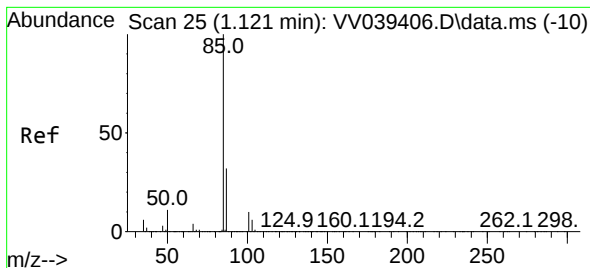
Quant Time: Nov 20 03:24:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111925WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	606870	22.172	ug/L	97
47) Tetrachloroethene	7.895	164	685004	23.656	ug/L	97
48) 2-Hexanone	8.059	43	3190405	269.749	ug/L	99
49) Dibromochloromethane	8.165	129	766456	24.717	ug/L	100
50) 1,2-Dibromoethane	8.271	107	521305	22.000	ug/L	97
51) Chlorobenzene	8.802	112	2295456	23.843	ug/L	100
52) Ethylbenzene	8.934	91	3945396	26.293	ug/L	99
53) m,p-Xylene	9.059	106	1513229	26.625	ug/L	99
54) o-Xylene	9.464	106	1487776	27.583	ug/L	96
55) Styrene	9.484	104	2644961	28.447	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	692191	22.061	ug/L	99
59) Bromoform	9.651	173	461300	21.041	ug/L	99
60) Isopropylbenzene	9.853	105	4198692	21.240	ug/L	99
61) 1,2,3-Trichloropropane	10.194	75	470343	16.735	ug/L	98
62) 1,3,5-Trimethylbenzene	10.461	105	3401981	22.417	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	3417079	22.508	ug/L	99
64) 1,3-Dichlorobenzene	11.101	146	2065196	21.149	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	2092163	20.366	ug/L	99
67) 1,2-Dichlorobenzene	11.564	146	1869578	20.889	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.348	75	98756	16.209	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	1588777	24.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.181	180	1294213	25.294	ug/L	98
71) Naphthalene	13.422	128	1877752	23.925	ug/L	98
72) 1,2,3-Trichlorobenzene	13.664	180	1164989	25.140	ug/L	99

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

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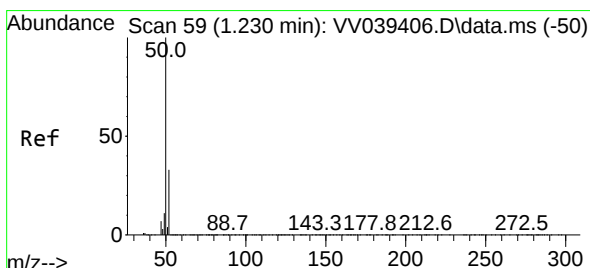
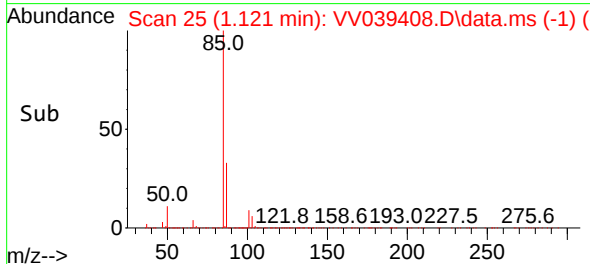
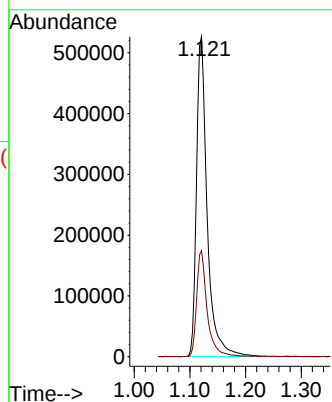
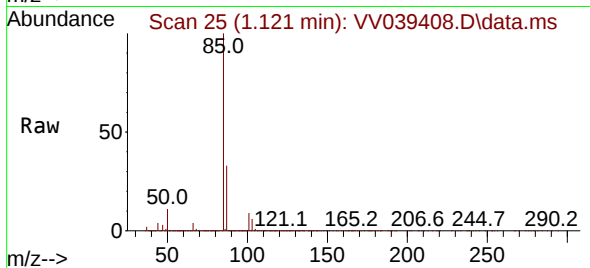




#2
 Dichlorodifluoromethane
 Concen: 15.609 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. -0.000 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

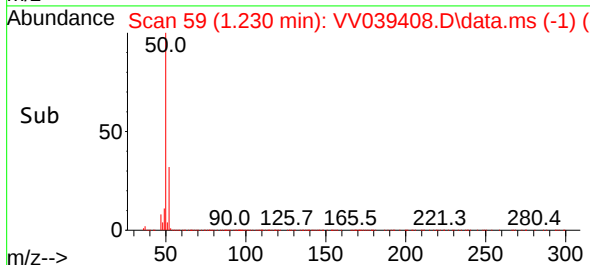
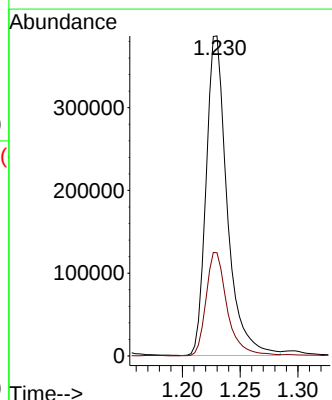
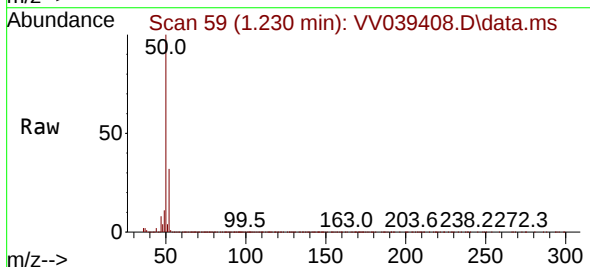
Instrument :
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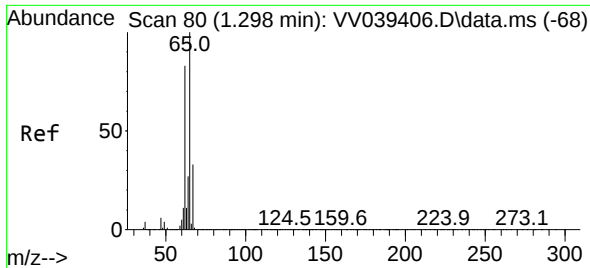
Tgt Ion: 85 Resp: 700246
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 10.019 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Tgt Ion: 50 Resp: 489056
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

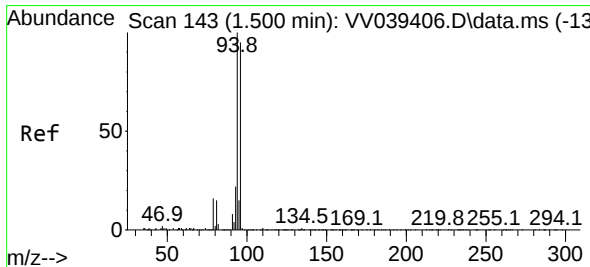
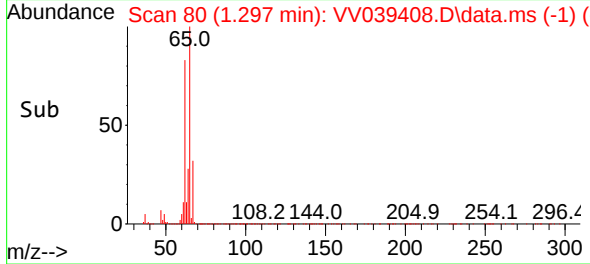
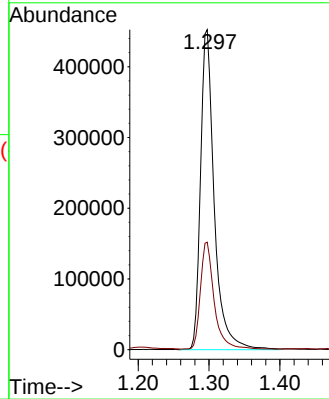
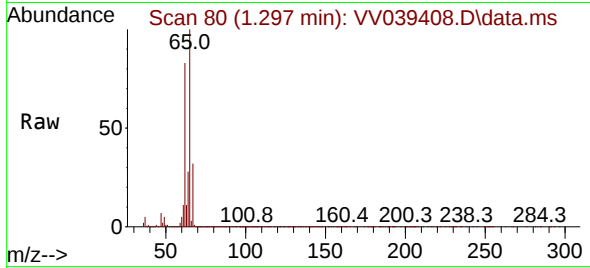




#5
 Vinyl chloride
 Concen: 12.858 ug/L
 RT: 1.297 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

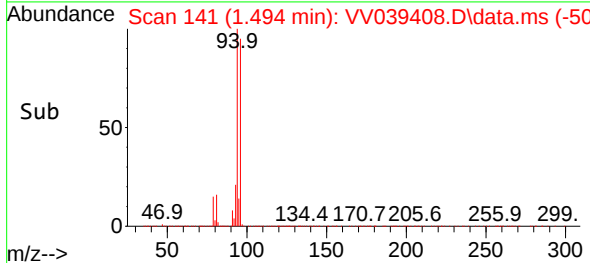
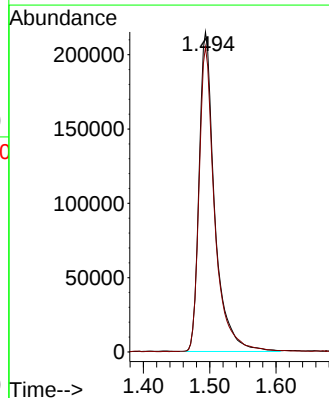
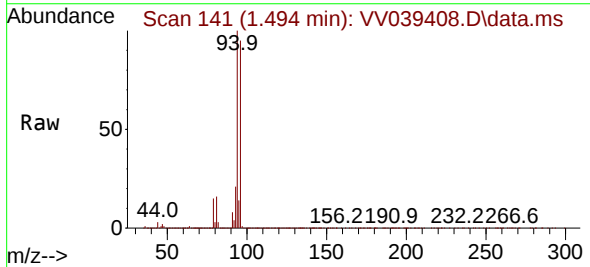
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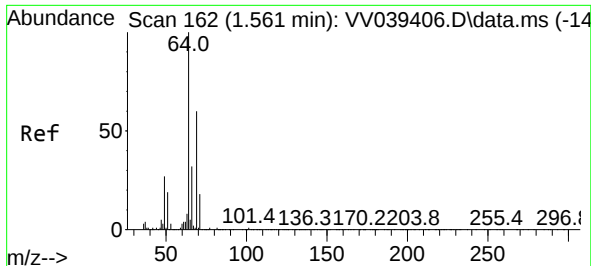
Tgt Ion: 62 Resp: 608339
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 44.1



#6
 Bromomethane
 Concen: 14.411 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Tgt Ion: 94 Resp: 350951
 Ion Ratio Lower Upper
 94 100
 96 95.3 67.2 124.8

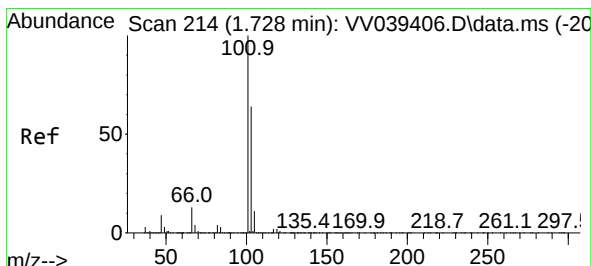
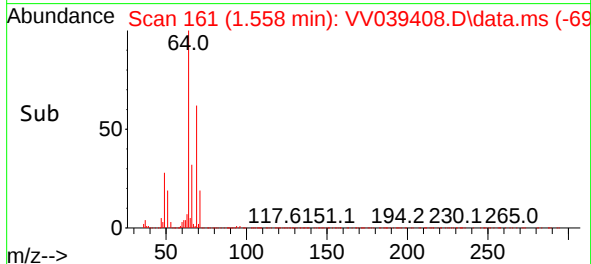
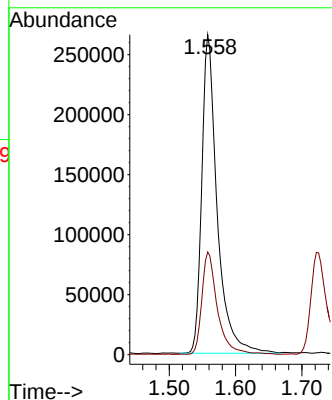
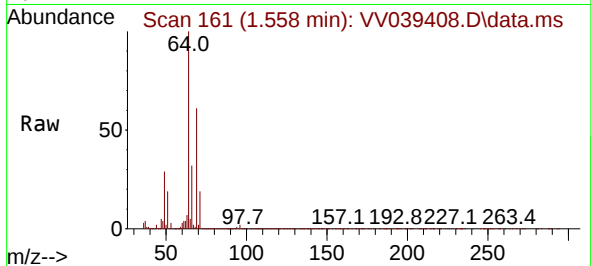




#8
Chloroethane
Concen: 14.560 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

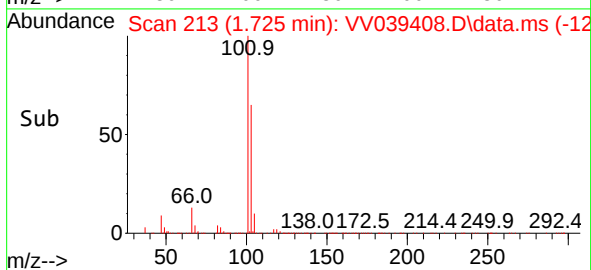
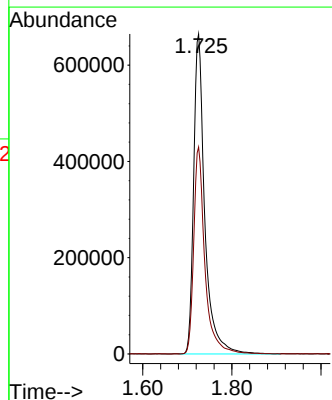
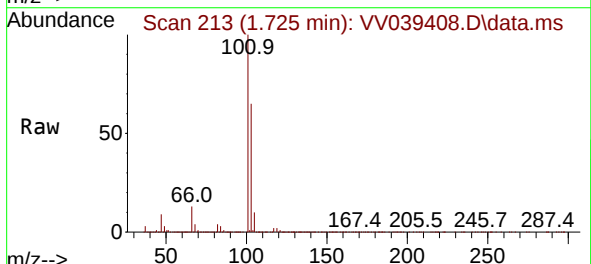
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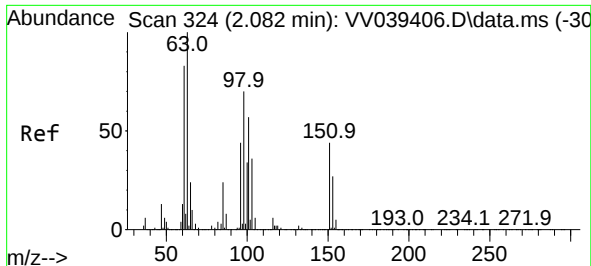
Tgt Ion: 64 Resp: 426699
Ion Ratio Lower Upper
64 100
66 32.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 17.623 ug/L
RT: 1.725 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion:101 Resp: 1158108
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

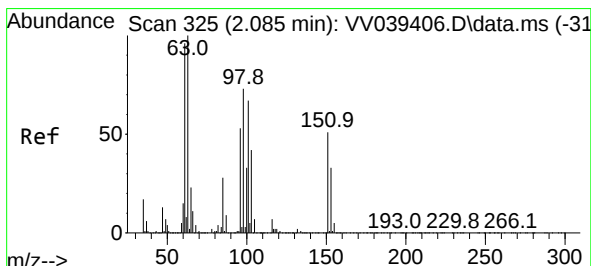
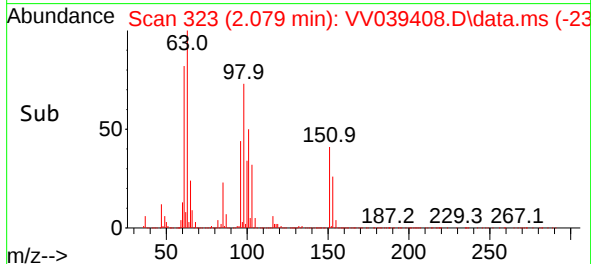
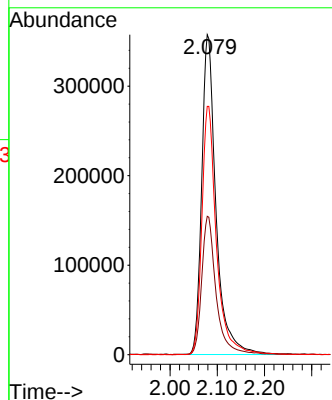
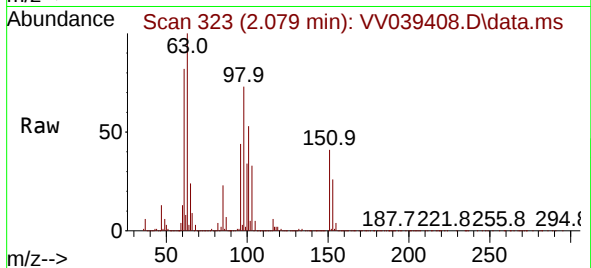




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.538 ug/L
 RT: 2.079 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

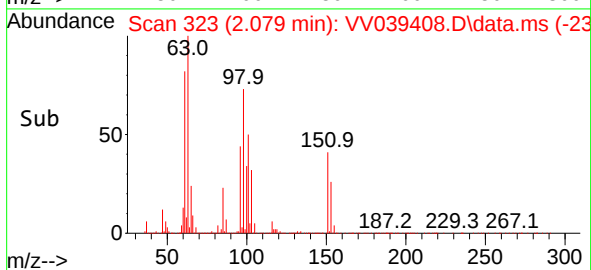
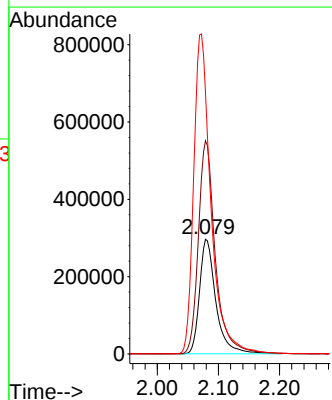
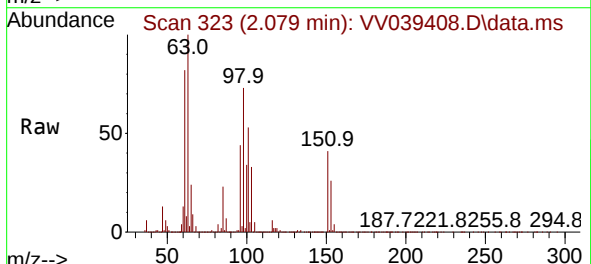
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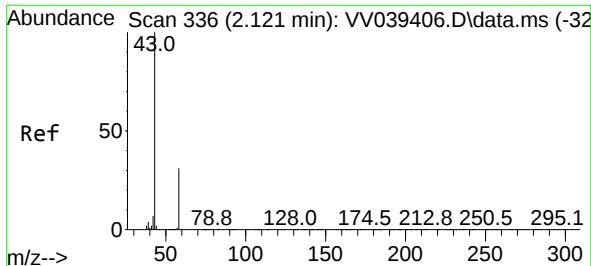
Tgt Ion:101 Resp: 752533
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.0 51.0
 151 79.4 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 16.073 ug/L
 RT: 2.079 min Scan# 323
 Delta R.T. -0.006 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Tgt Ion: 96 Resp: 551070
 Ion Ratio Lower Upper
 96 100
 61 186.0 127.7 237.1
 63 228.2 132.6 246.2

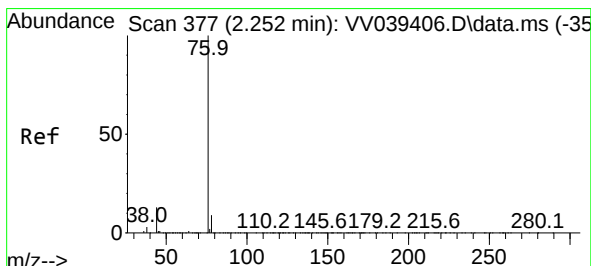
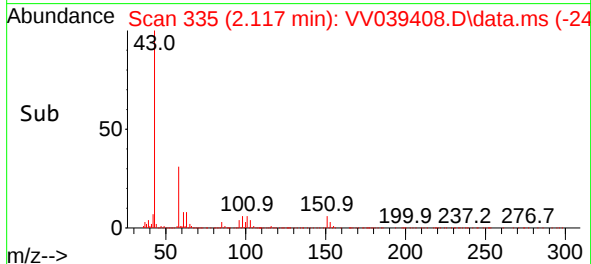
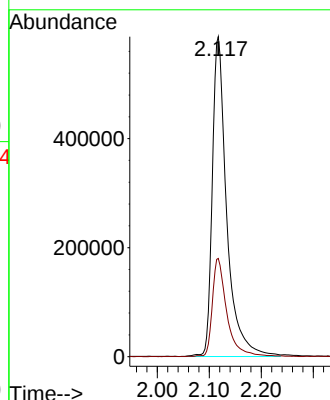
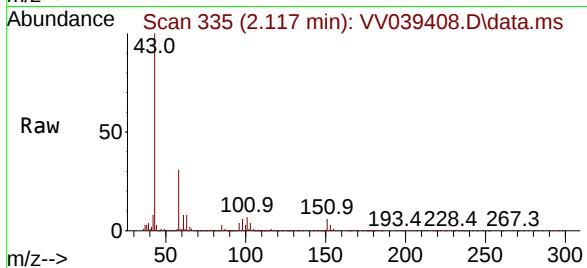




#13
Acetone
Concen: 223.977 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

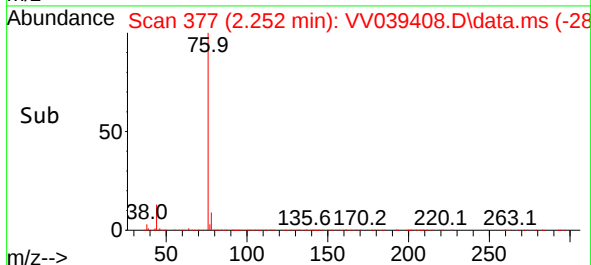
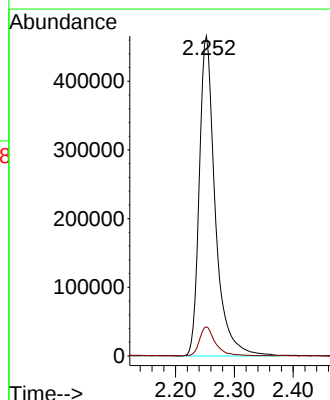
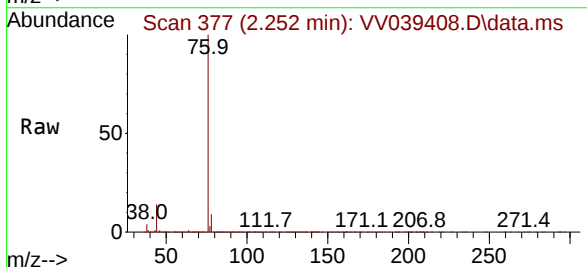
Instrument :
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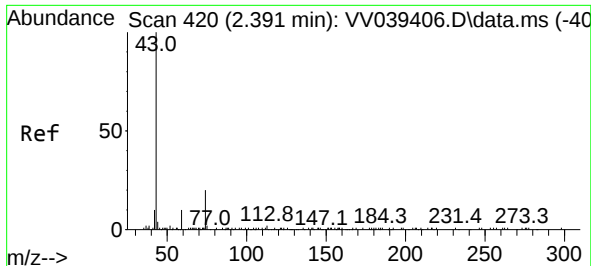
Tgt Ion: 43 Resp: 1131938
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.0



#14
Carbon disulfide
Concen: 8.193 ug/L
RT: 2.252 min Scan# 377
Delta R.T. -0.000 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 76 Resp: 876467
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

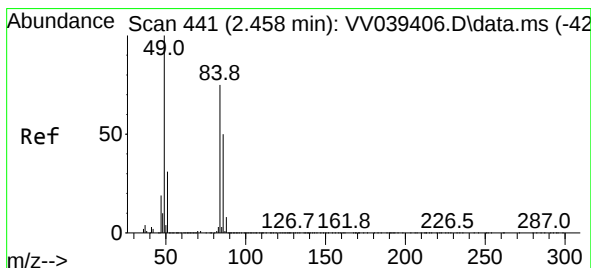
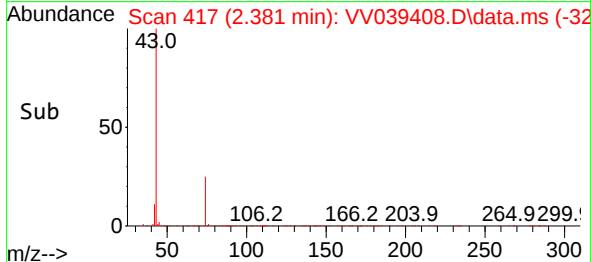
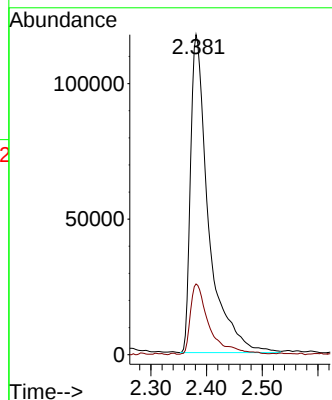
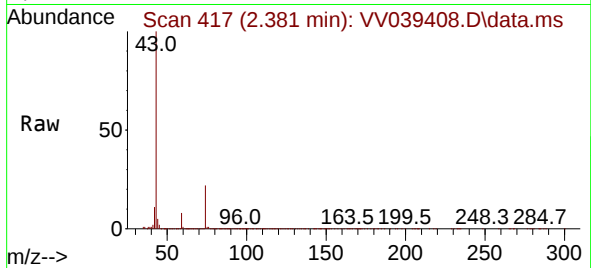




#15
Methyl Acetate
Concen: 20.425 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.010 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

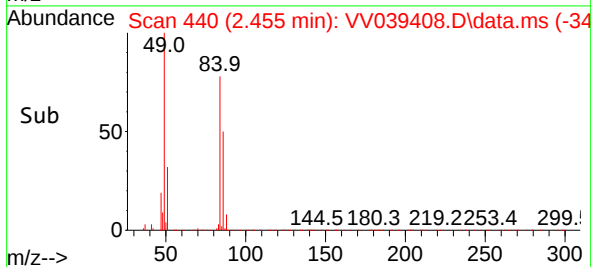
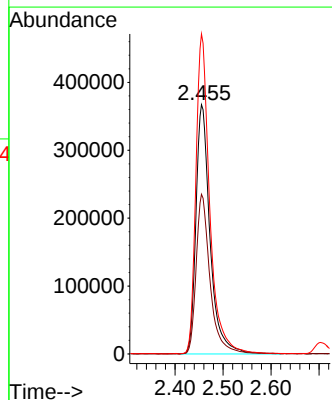
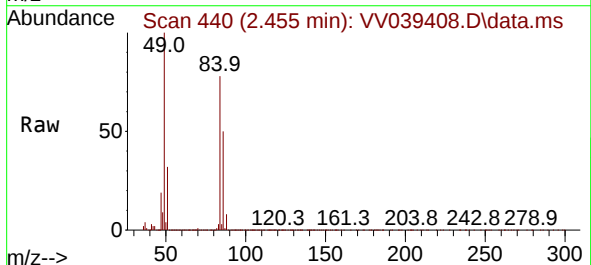
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

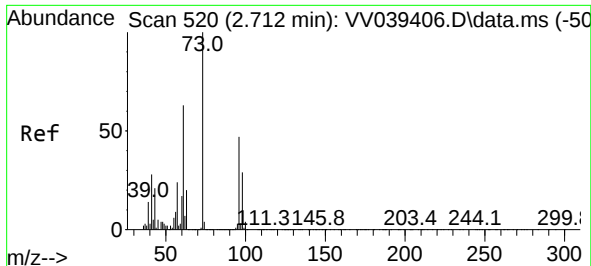
Tgt Ion: 43 Resp: 263406
Ion Ratio Lower Upper
43 100
74 22.9 14.5 21.7#



#16
Methylene chloride
Concen: 18.755 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 84 Resp: 750102
Ion Ratio Lower Upper
84 100
86 64.1 46.8 87.0
49 128.3 93.0 172.8

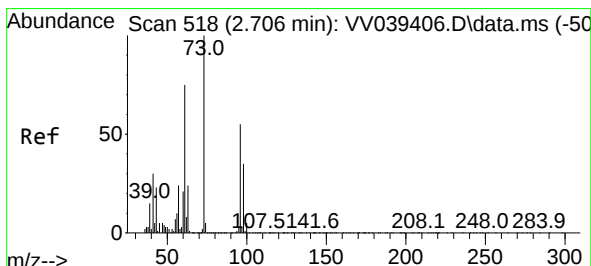
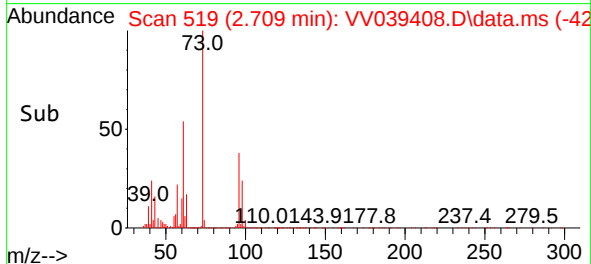
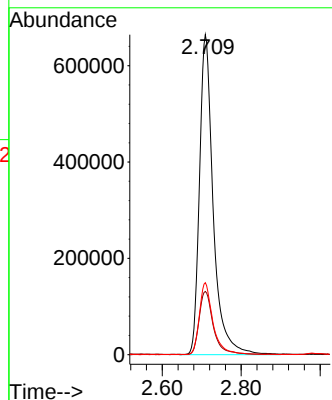
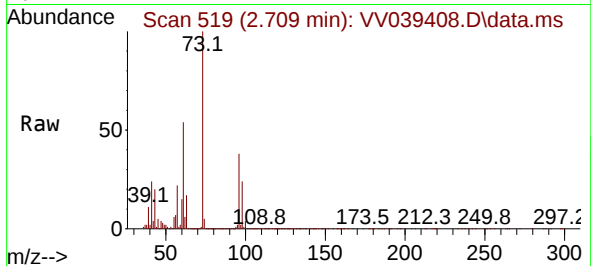




#17
Methyl tert-butyl Ether
Concen: 24.294 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

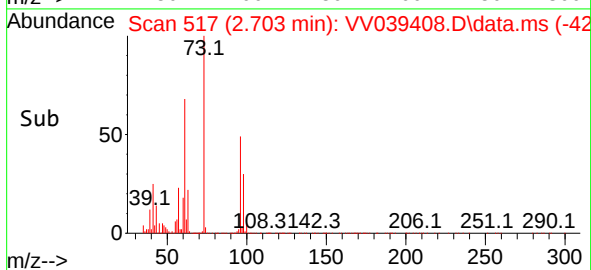
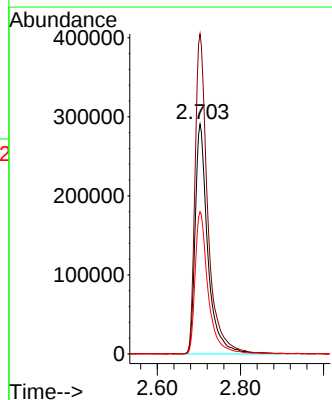
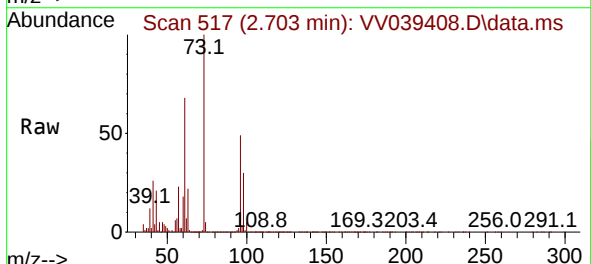
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

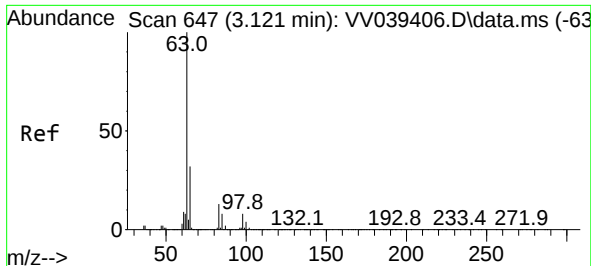
Tgt Ion: 73 Resp: 1602910
Ion Ratio Lower Upper
73 100
43 20.0 17.4 26.2
57 22.2 18.8 28.2



#18
trans-1,2-Dichloroethene
Concen: 17.756 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 96 Resp: 614363
Ion Ratio Lower Upper
96 100
61 139.3 94.7 175.9
98 61.9 44.2 82.0



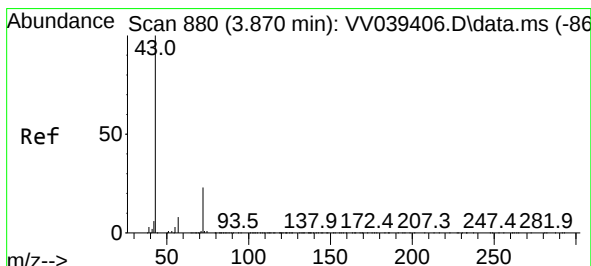
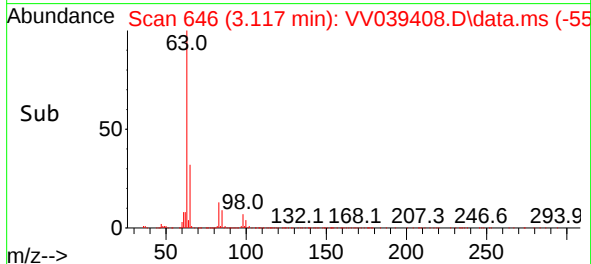
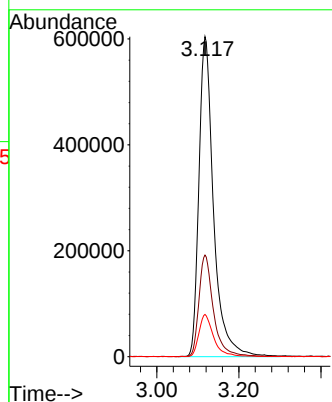
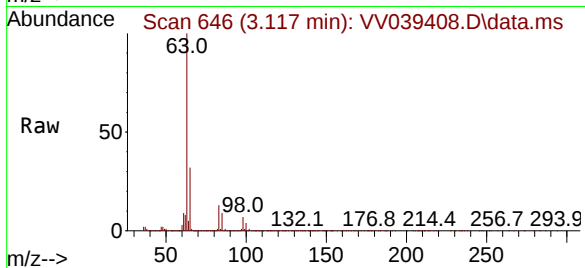


#19
1,1-Dichloroethane
Concen: 20.626 ug/L
RT: 3.117 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

Tgt Ion: 63 Resp: 1496242

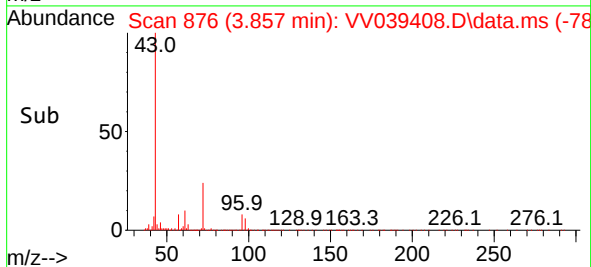
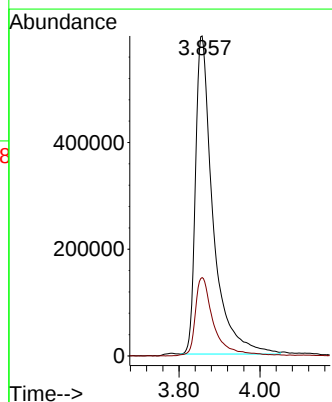
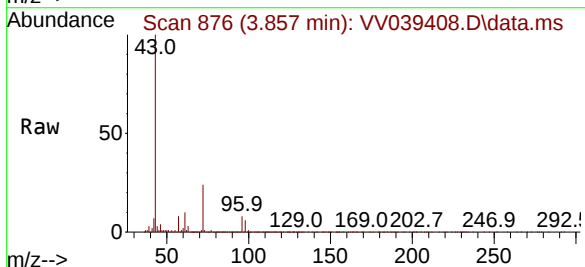
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.9	42.5
83	13.2	9.2	17.2

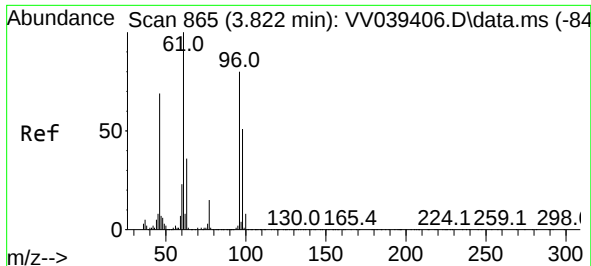


#21
2-Butanone
Concen: 245.838 ug/L
RT: 3.857 min Scan# 876
Delta R.T. -0.013 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 43 Resp: 1790136

Ion	Ratio	Lower	Upper
43	100		
72	25.8	11.7	35.0

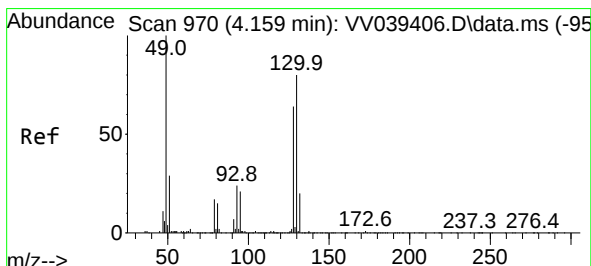
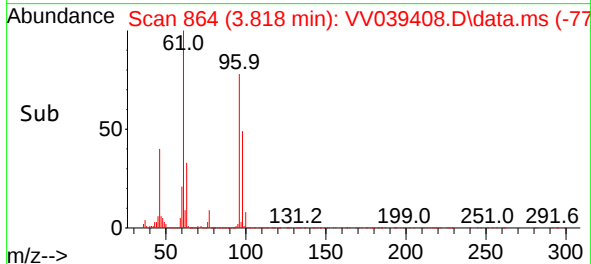
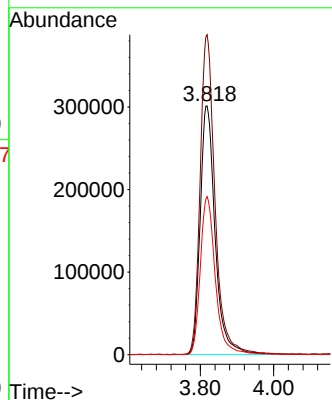
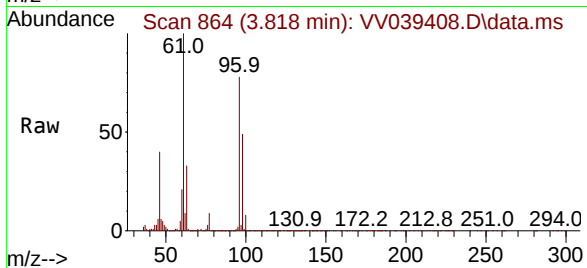




#22
cis-1,2-Dichloroethene
Concen: 23.598 ug/L
RT: 3.818 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

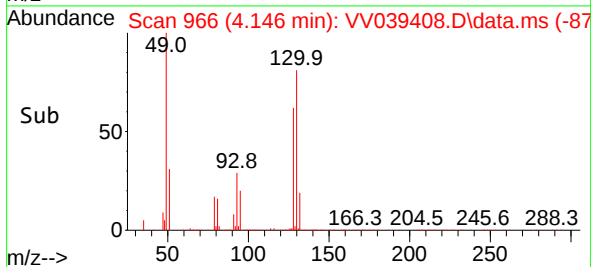
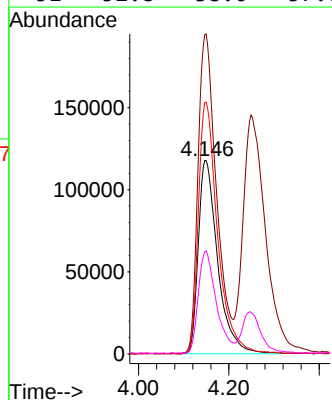
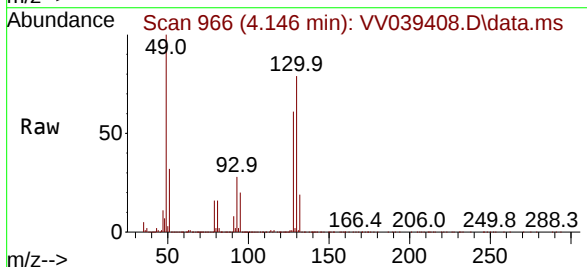
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

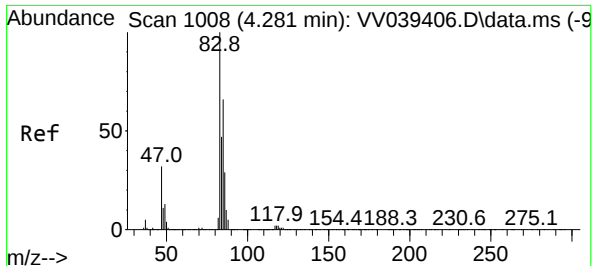
Tgt Ion: 96 Resp: 851430
Ion Ratio Lower Upper
96 100
61 128.6 87.1 161.7
98 63.5 44.7 83.1



#23
Bromochloromethane
Concen: 21.413 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.013 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 128 Resp: 349225
Ion Ratio Lower Upper
128 100
49 165.0 110.7 205.5
130 129.9 88.2 163.8
51 52.8 38.0 57.0

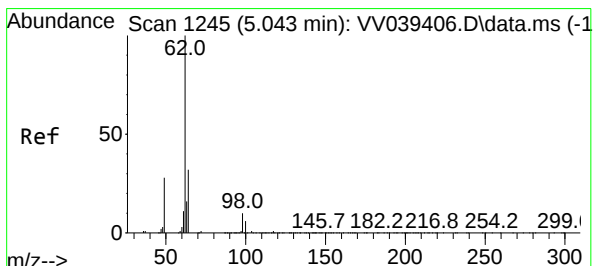
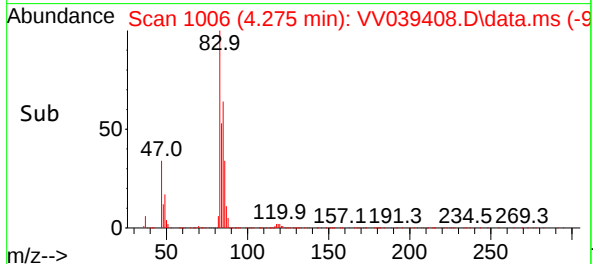
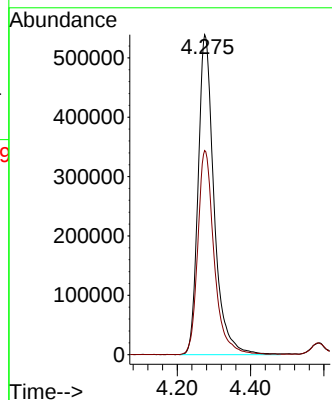
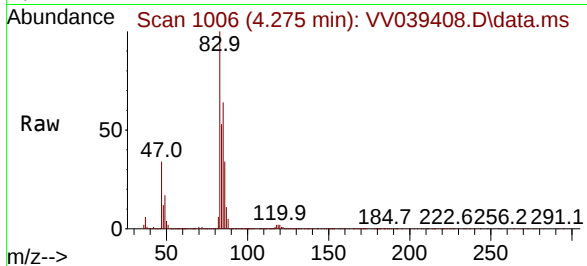




#25
Chloroform
Concen: 22.050 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.006 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

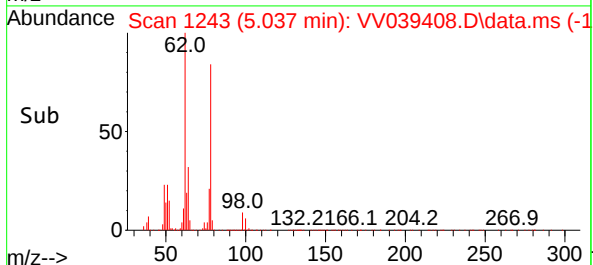
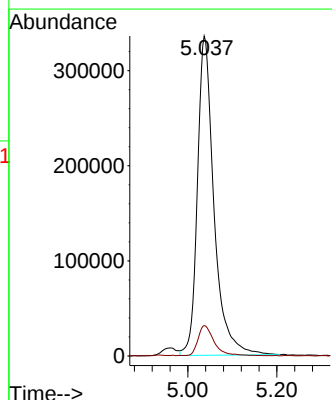
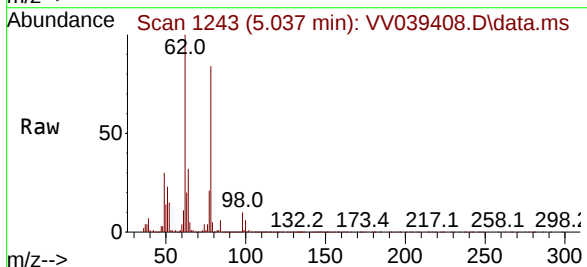
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

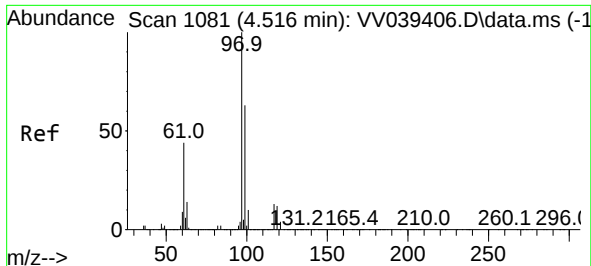
Tgt Ion: 83 Resp: 1622991
Ion Ratio Lower Upper
83 100
85 63.8 46.2 85.8



#27
1,2-Dichloroethane
Concen: 21.787 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 62 Resp: 869052
Ion Ratio Lower Upper
62 100
98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 22.007 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD020264

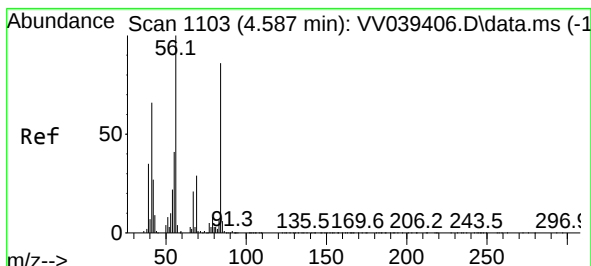
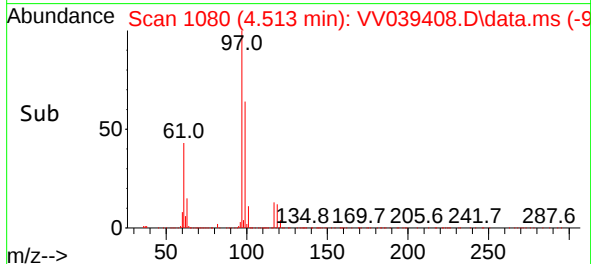
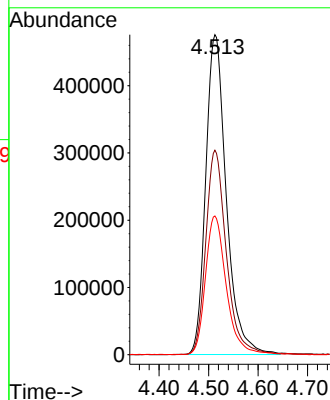
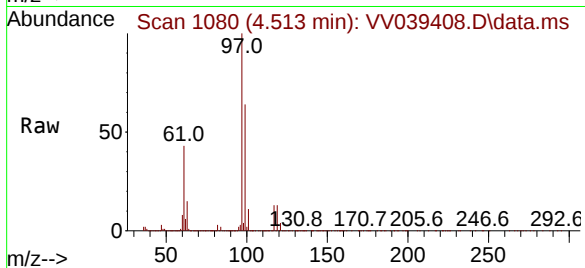
Tgt Ion: 97 Resp: 1373726

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 43.8 36.6 55.0



#30

Cyclohexane

Concen: 18.295 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

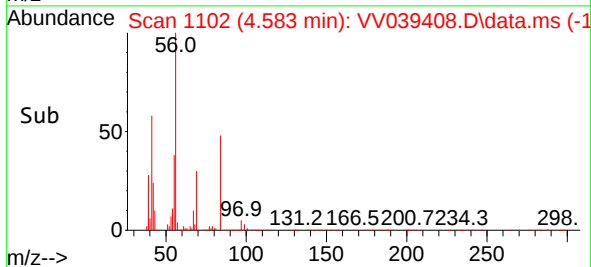
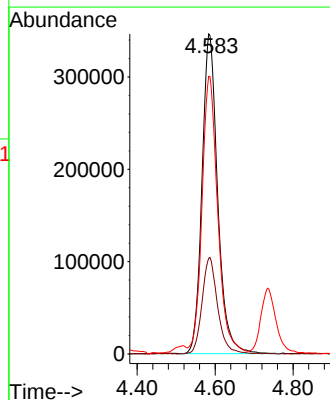
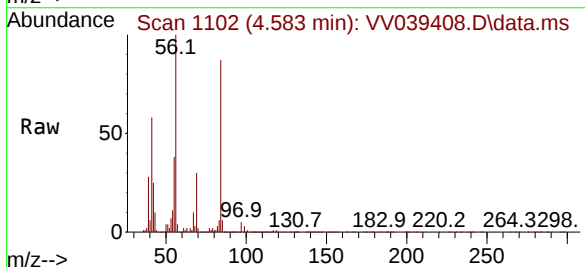
Tgt Ion: 56 Resp: 964037

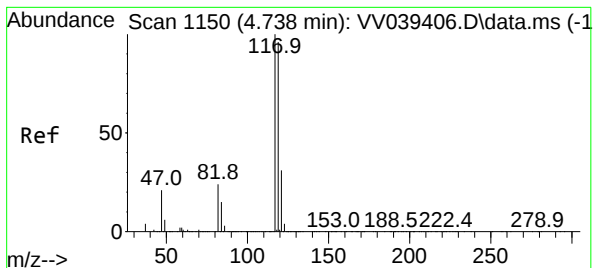
Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 86.8 72.6 109.0





#31

Carbon tetrachloride

Concen: 21.636 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

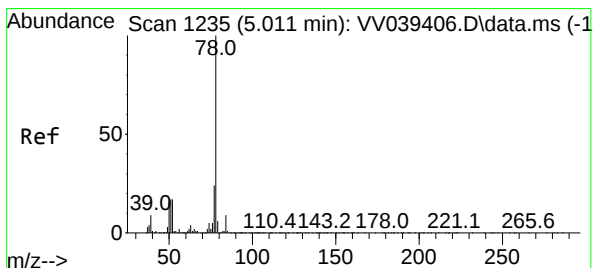
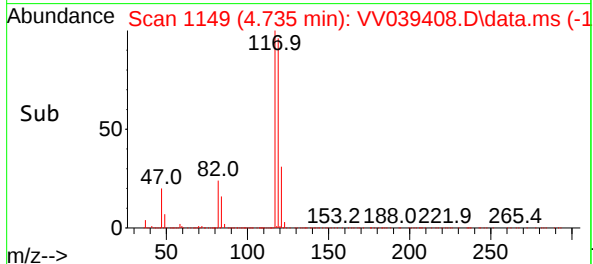
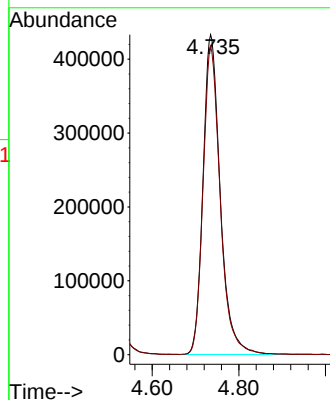
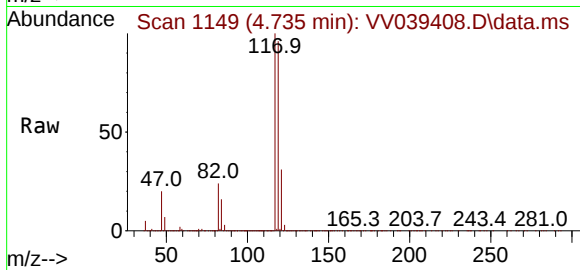
VSTD020264

Tgt Ion:117 Resp: 1196341

Ion Ratio Lower Upper

117 100

119 95.9 75.4 113.2



#33

Benzene

Concen: 20.934 ug/L

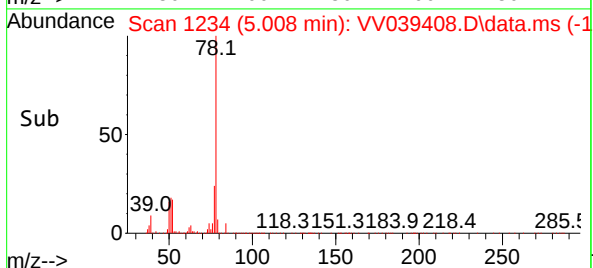
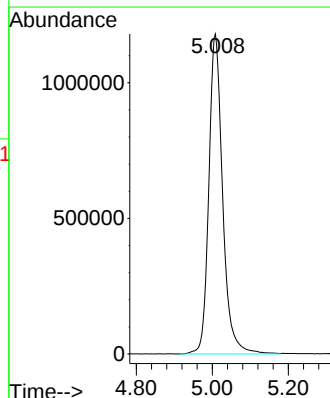
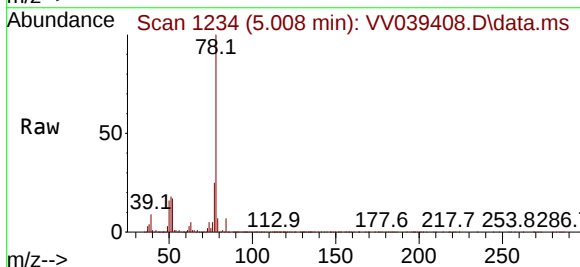
RT: 5.008 min Scan# 1234

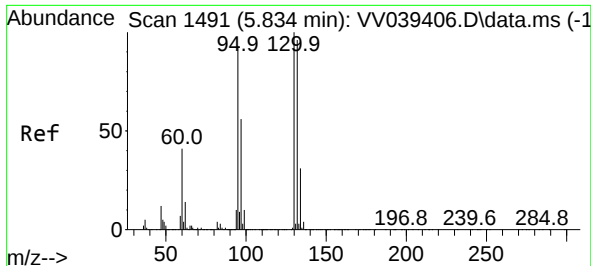
Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Tgt Ion: 78 Resp: 2972858



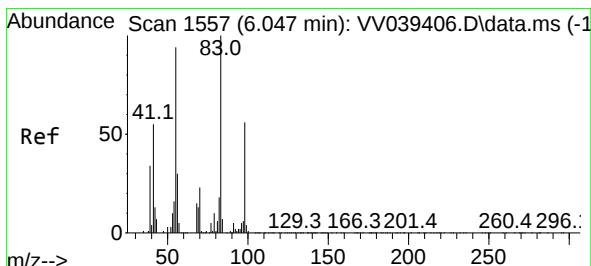
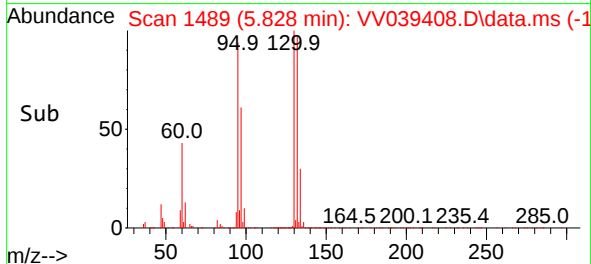
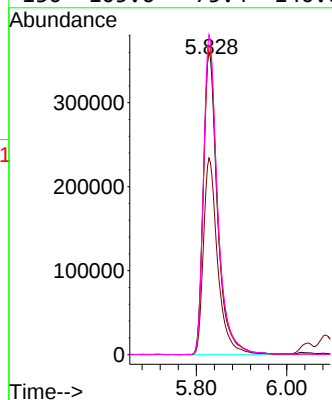
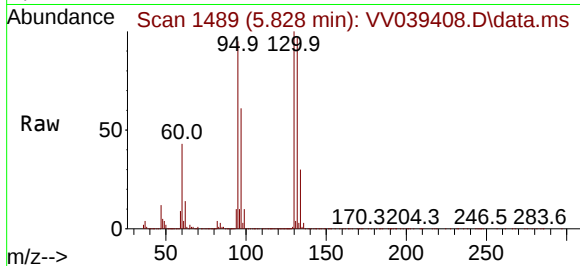


#34
Trichloroethene
Concen: 21.812 ug/L
RT: 5.828 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

Tgt Ion: 95 Resp: 790709

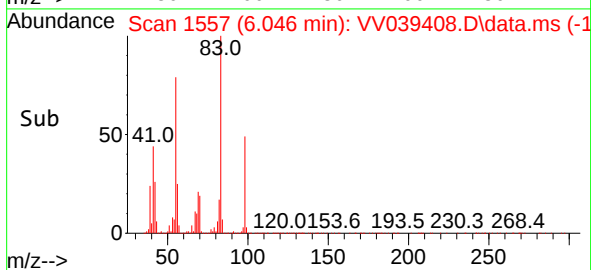
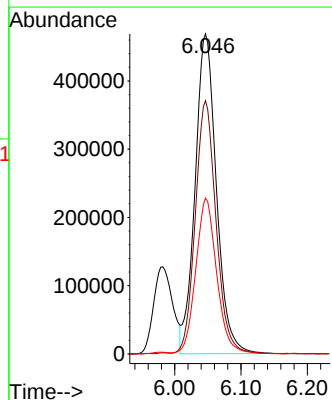
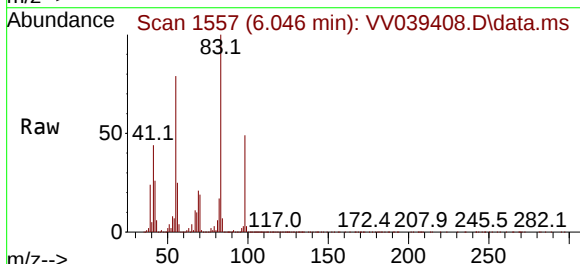
Ion	Ratio	Lower	Upper
95	100		
97	64.9	42.7	79.3
132	102.1	72.0	133.6
130	105.6	75.4	140.0

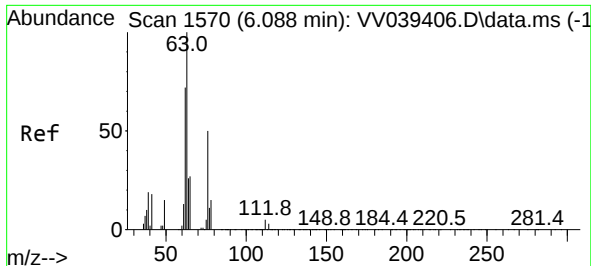


#35
Methylcyclohexane
Concen: 19.202 ug/L
RT: 6.046 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 83 Resp: 1045753

Ion	Ratio	Lower	Upper
83	100		
55	77.2	64.0	96.0
98	47.8	37.0	55.4





#37

1,2-Dichloropropane

Concen: 22.821 ug/L

RT: 6.085 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

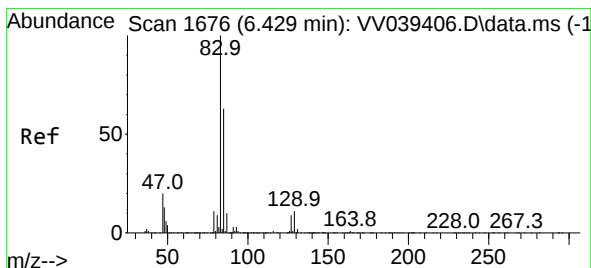
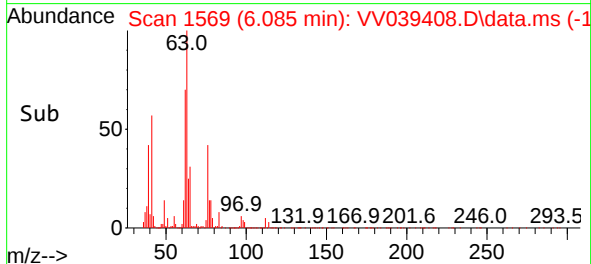
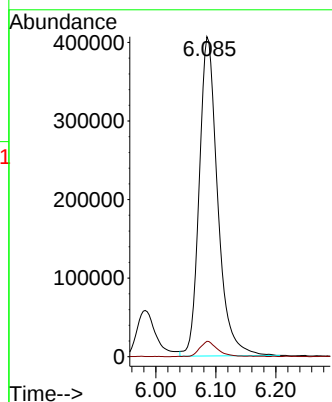
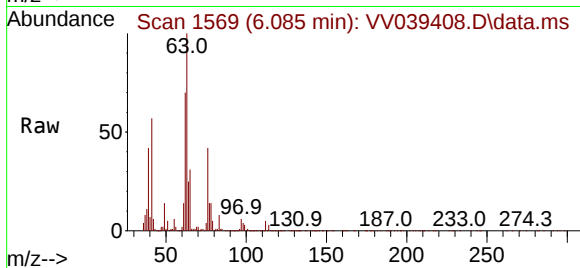
VSTD020264

Tgt Ion: 63 Resp: 871055

Ion Ratio Lower Upper

63 100

112 4.5 4.4 6.6



#38

Bromodichloromethane

Concen: 22.590 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

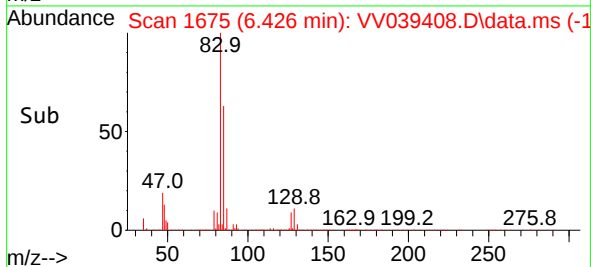
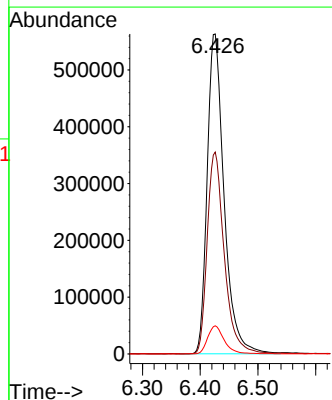
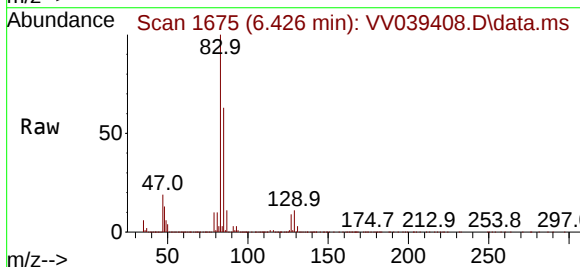
Tgt Ion: 83 Resp: 1146528

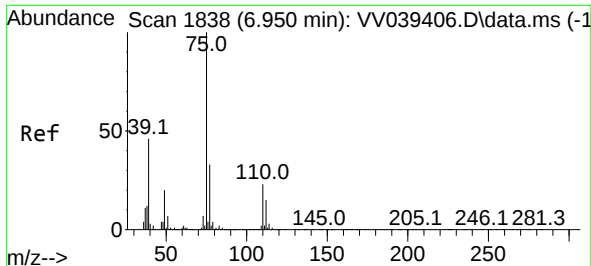
Ion Ratio Lower Upper

83 100

85 63.1 43.8 81.4

127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 25.796 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.006 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

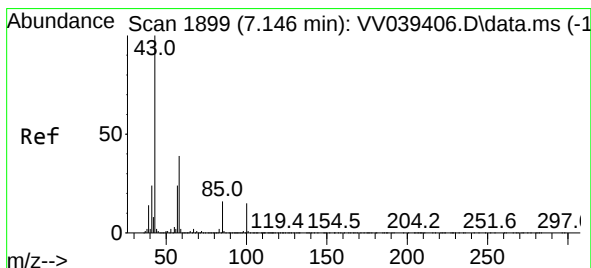
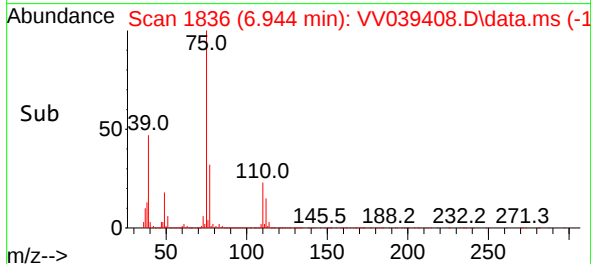
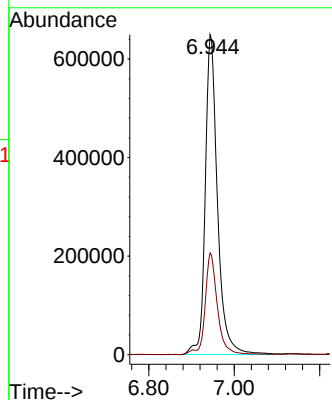
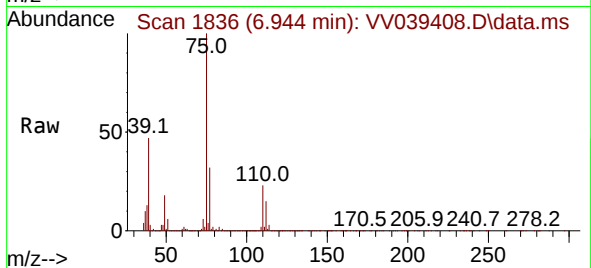
VSTD020264

Tgt Ion: 75 Resp: 1292178

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 261.915 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

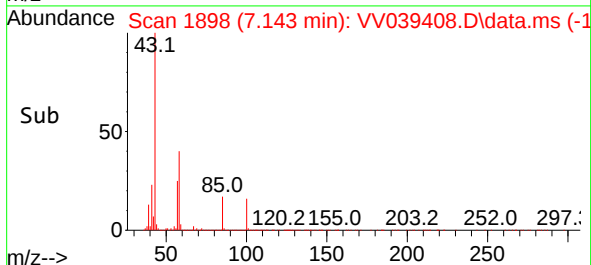
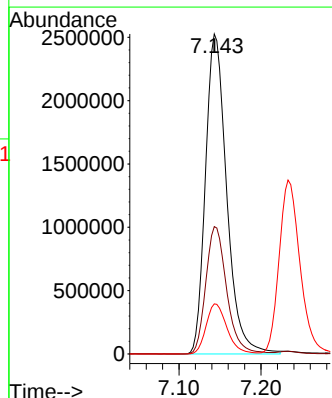
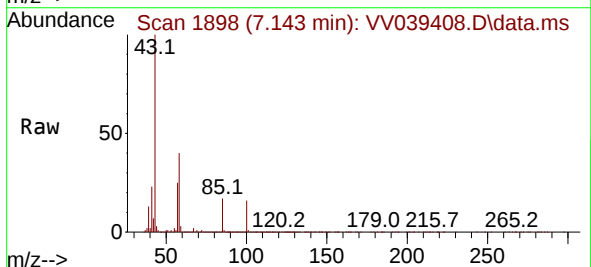
Tgt Ion: 43 Resp: 4537624

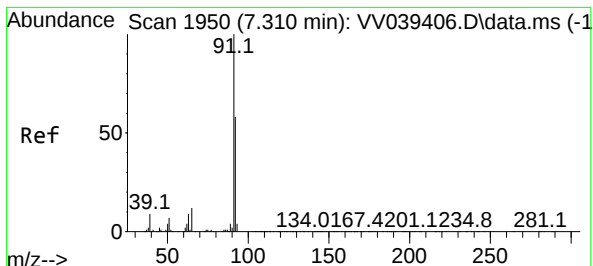
Ion Ratio Lower Upper

43 100

58 39.2 29.6 44.4

100 15.4 11.4 17.0





#42

Toluene

Concen: 22.996 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

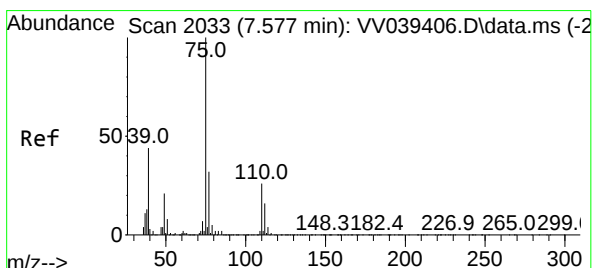
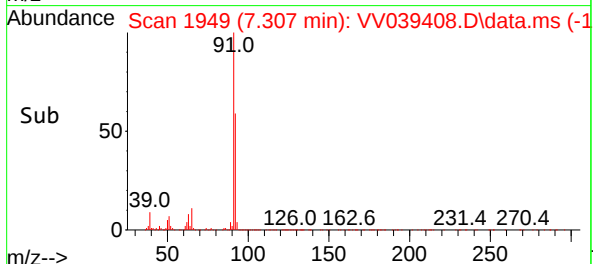
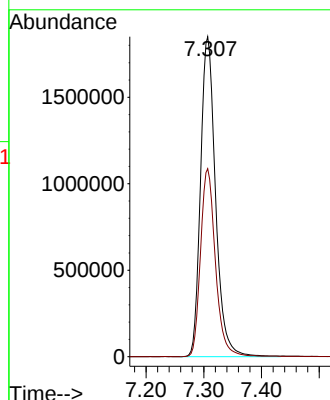
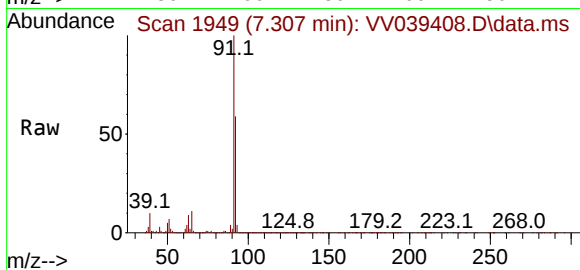
VSTD020264

Tgt Ion: 91 Resp: 3335200

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 24.926 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VV039408.D

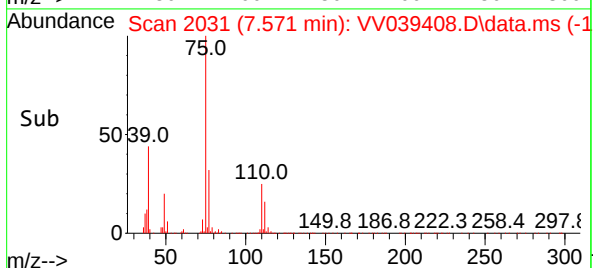
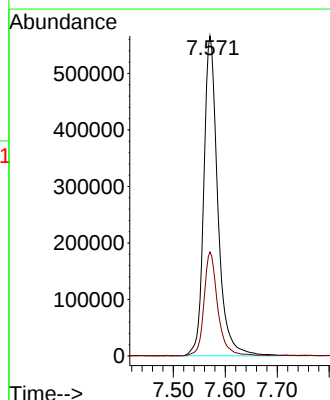
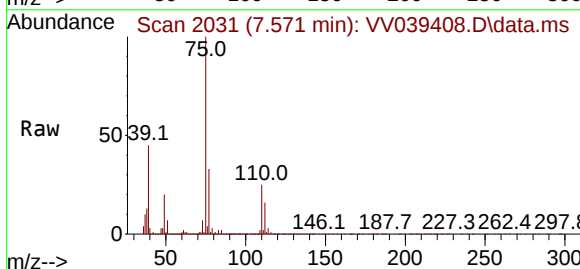
Acq: 19 Nov 2025 11:46

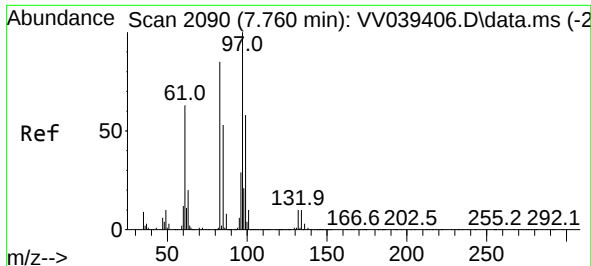
Tgt Ion: 75 Resp: 1057702

Ion Ratio Lower Upper

75 100

77 32.5 22.9 42.5

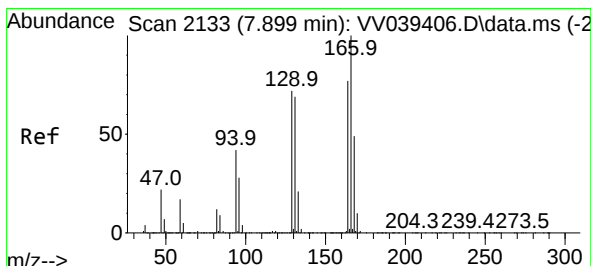
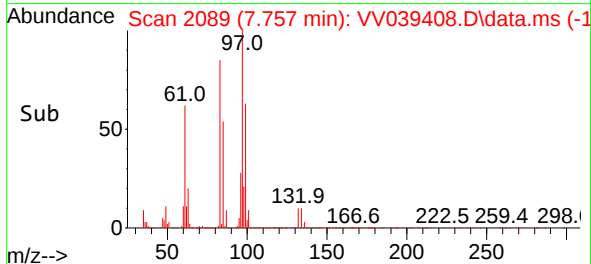
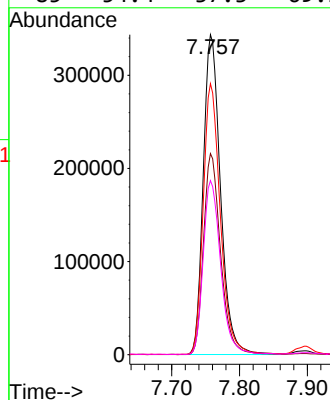
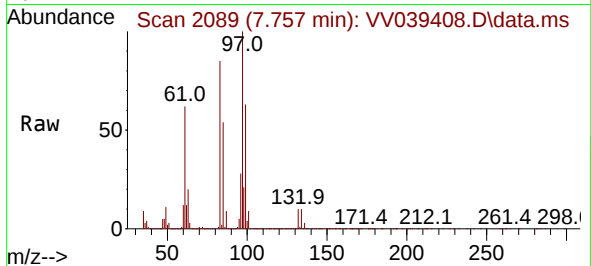




#45
1,1,2-Trichloroethane
Concen: 22.172 ug/L
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

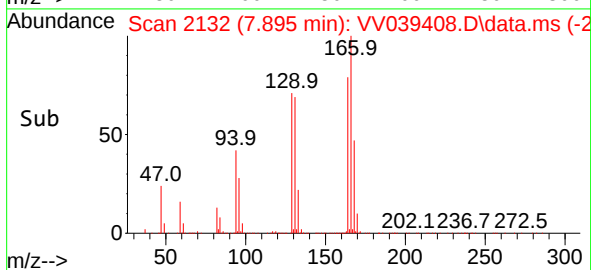
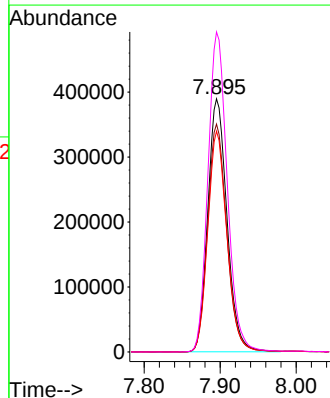
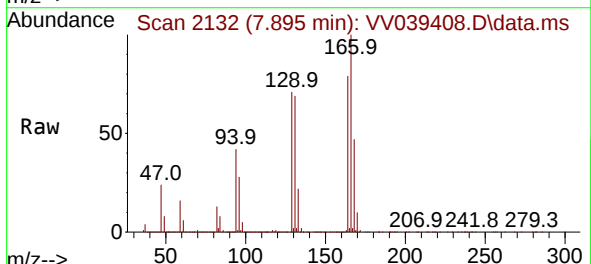
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

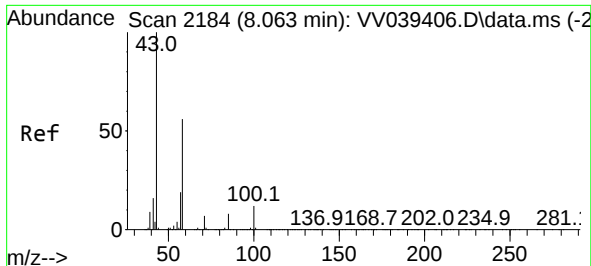
Tgt Ion:	97	Resp:	606870
Ion	Ratio	Lower	Upper
97	100		
99	62.8	40.8	75.8
83	84.7	59.8	111.1
85	54.4	37.3	69.3



#47
Tetrachloroethene
Concen: 23.656 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion:	164	Resp:	685004
Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.8	122.2
131	87.3	62.6	116.2
166	126.4	91.0	169.0



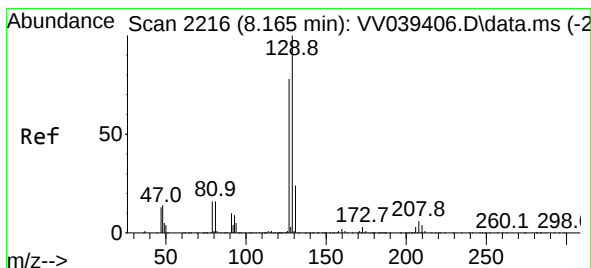
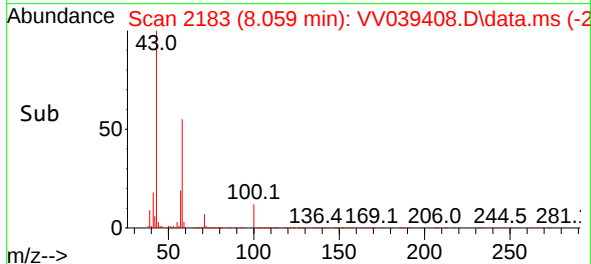
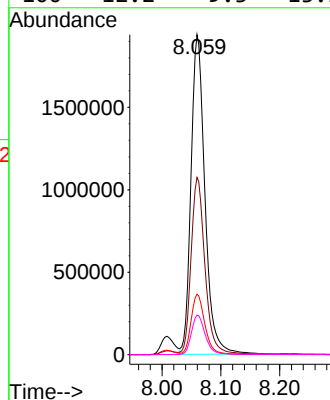
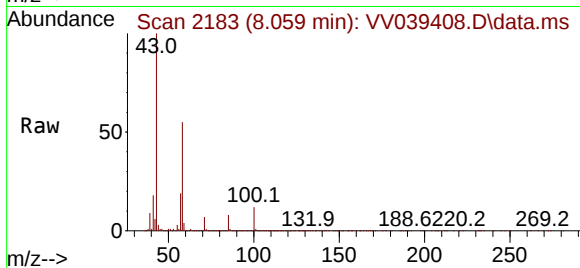


#48
2-Hexanone
Concen: 269.749 ug/L
RT: 8.059 min Scan# 2184
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

Tgt Ion: 43 Resp: 3190405

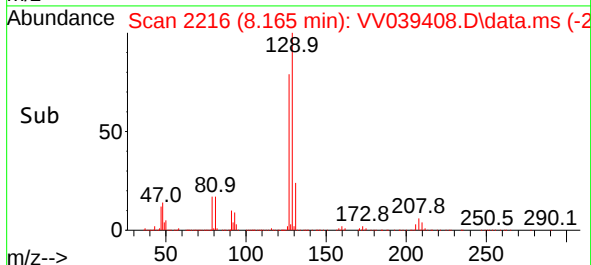
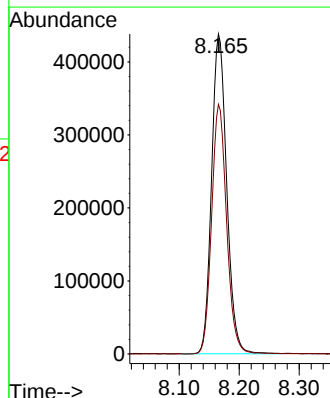
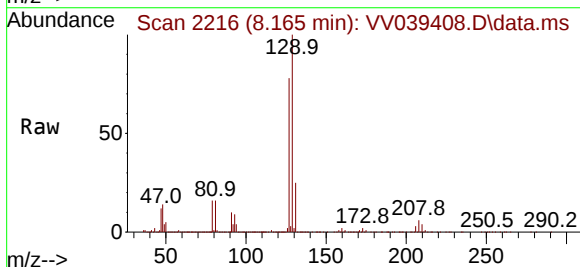
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.4	65.2
57	18.6	15.0	22.6
100	12.2	9.3	13.9

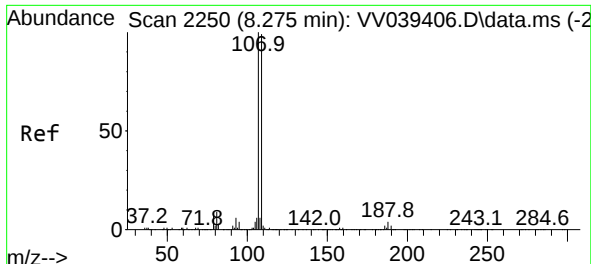


#49
Dibromochloromethane
Concen: 24.717 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 129 Resp: 766456

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.6	101.4





#50

1,2-Dibromoethane

Concen: 22.000 ug/L

RT: 8.271 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD020264

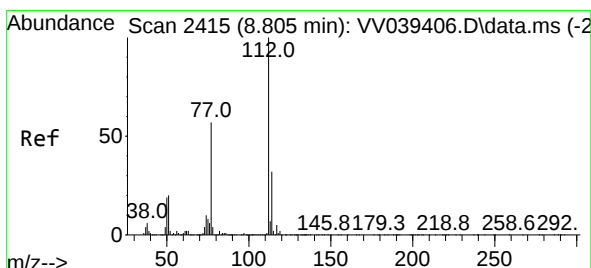
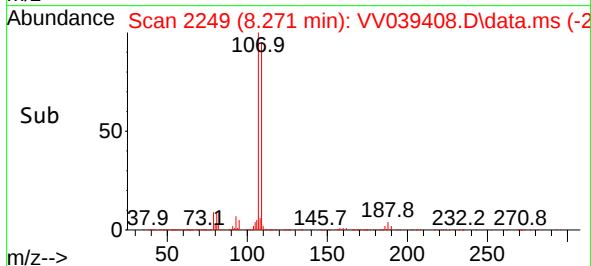
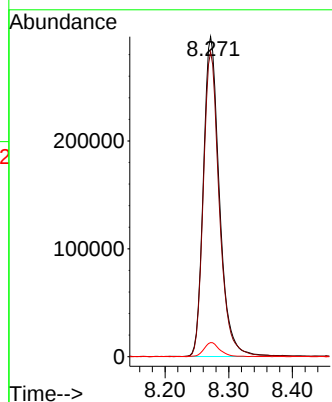
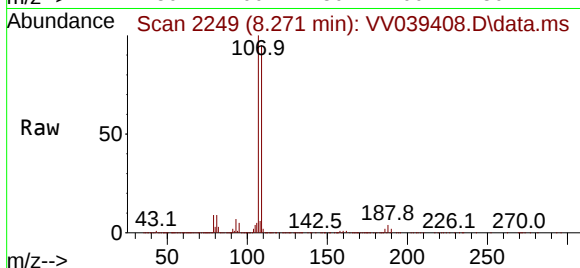
Tgt Ion:107 Resp: 521305

Ion Ratio Lower Upper

107 100

109 95.2 69.1 128.3

188 4.4 3.6 5.4



#51

Chlorobenzene

Concen: 23.843 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

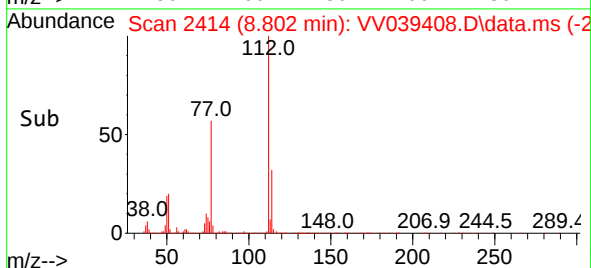
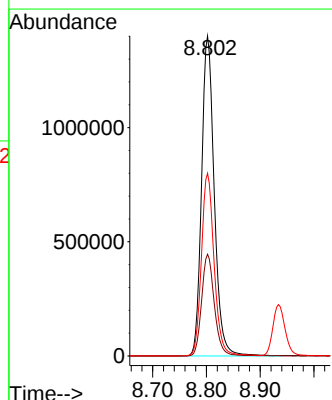
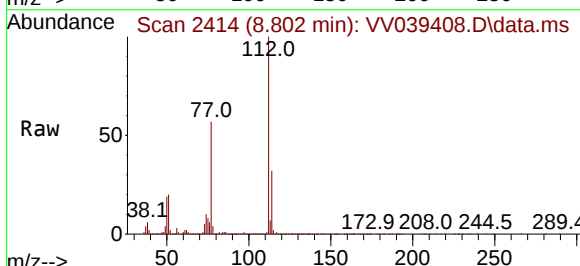
Tgt Ion:112 Resp: 2295456

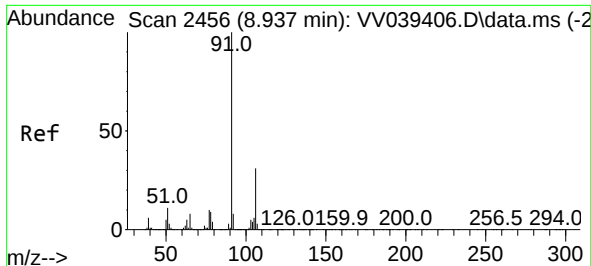
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 57.1 45.3 67.9

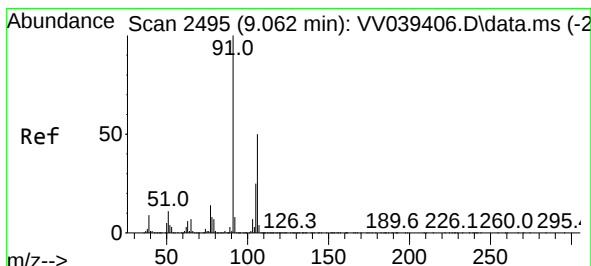
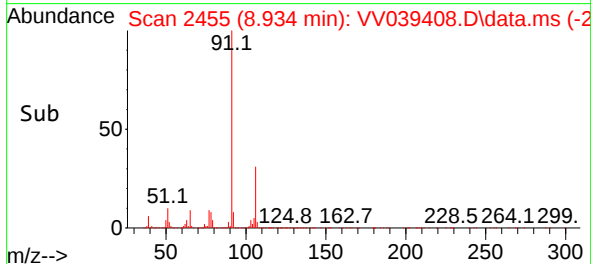
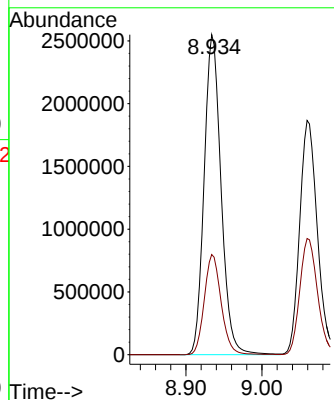
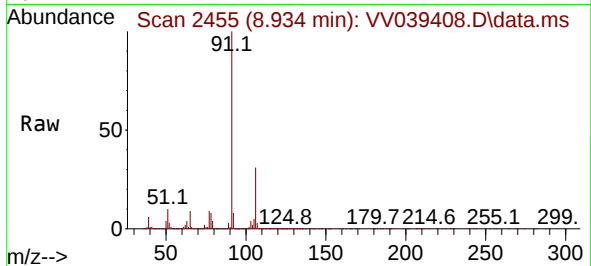




#52
Ethylbenzene
Concen: 26.293 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

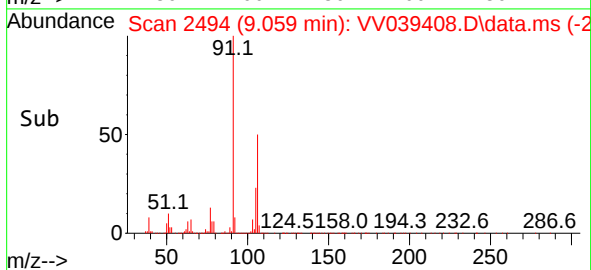
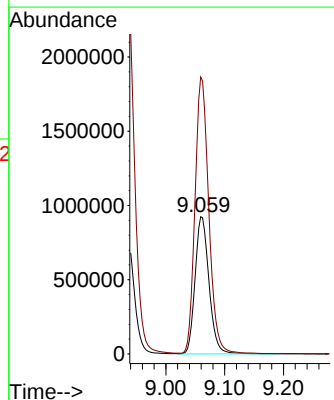
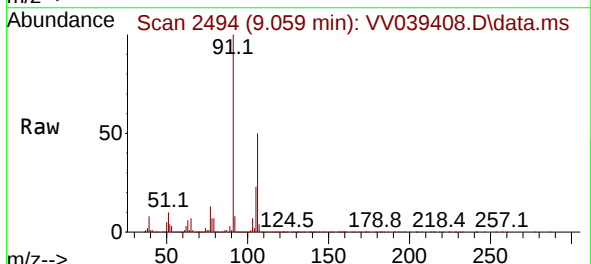
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

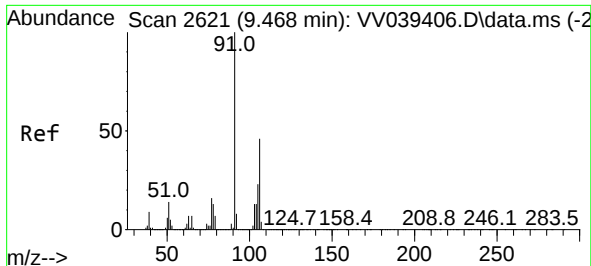
Tgt Ion: 91 Resp: 3945396
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.6



#53
m,p-Xylene
Concen: 26.625 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion:106 Resp: 1513229
Ion Ratio Lower Upper
106 100
91 201.6 139.6 259.2

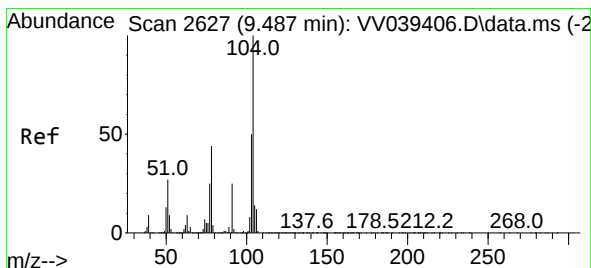
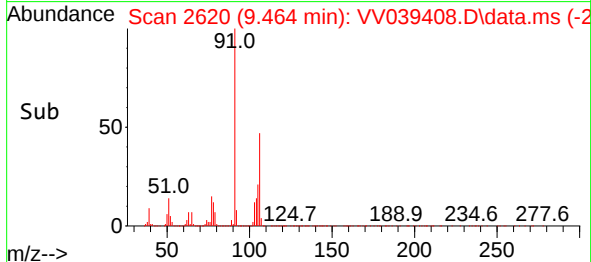
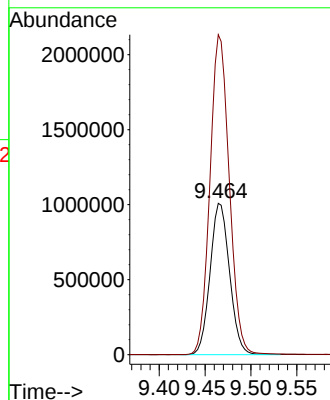
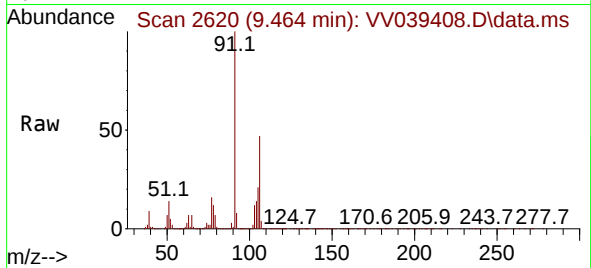




#54
o-Xylene
Concen: 27.583 ug/L
RT: 9.464 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

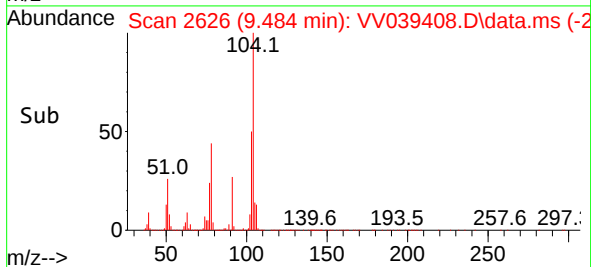
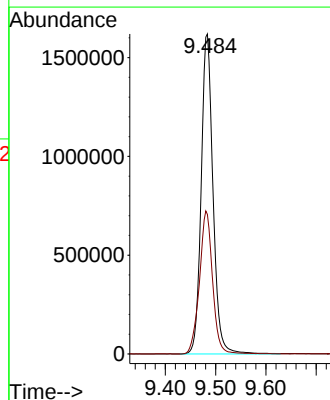
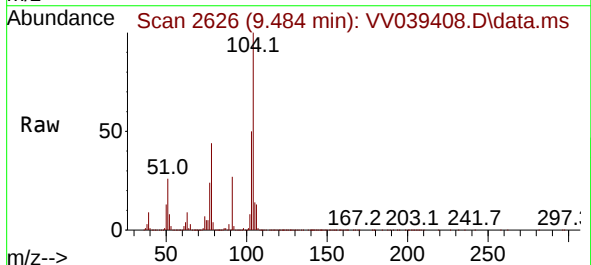
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

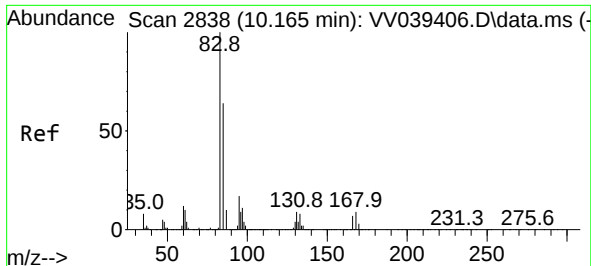
Tgt Ion:106 Resp: 1487776
Ion Ratio Lower Upper
106 100
91 211.3 152.5 283.1



#55
Styrene
Concen: 28.447 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion:104 Resp: 2644961
Ion Ratio Lower Upper
104 100
78 43.6 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 22.061 ug/L

RT: 10.165 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD020264

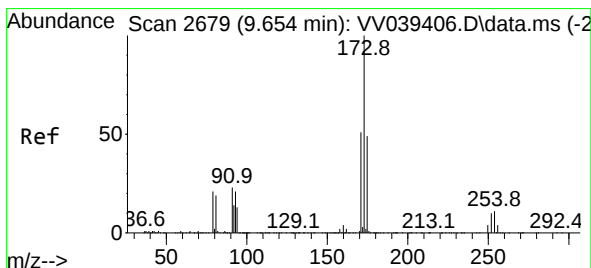
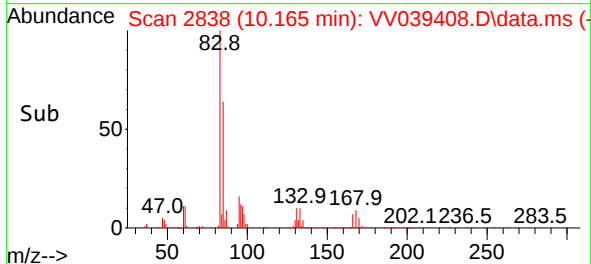
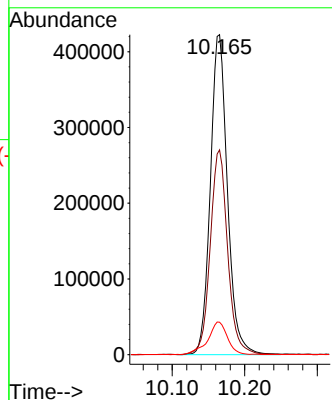
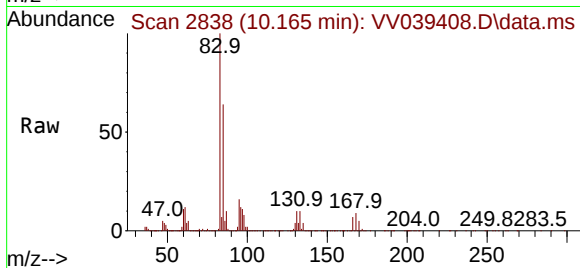
Tgt Ion: 83 Resp: 692191

Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

131 10.1 7.8 11.8



#59

Bromoform

Concen: 21.041 ug/L

RT: 9.651 min Scan# 2678

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

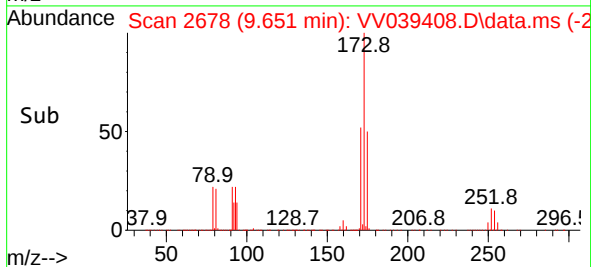
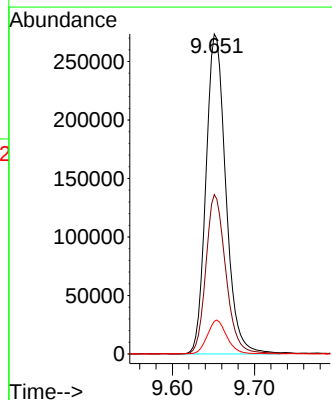
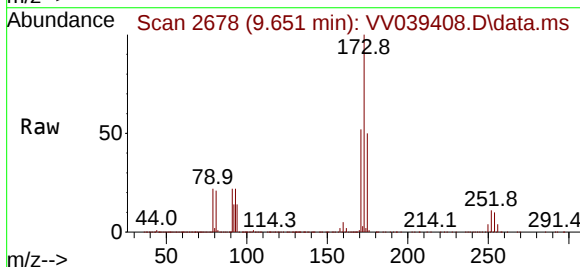
Tgt Ion: 173 Resp: 461300

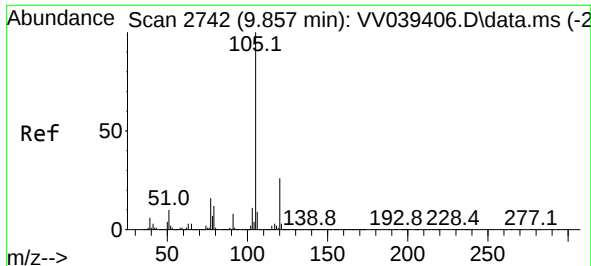
Ion Ratio Lower Upper

173 100

175 50.1 40.2 60.4

254 10.2 9.1 13.7

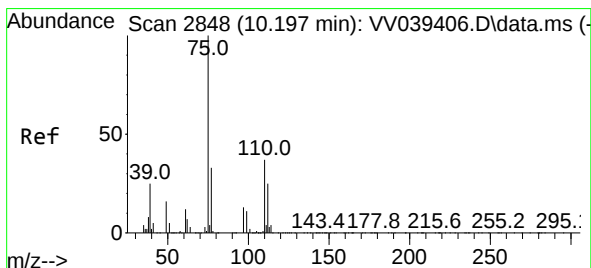
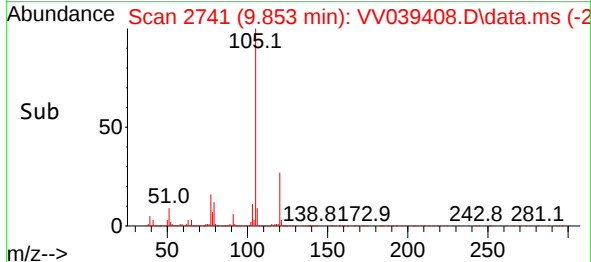
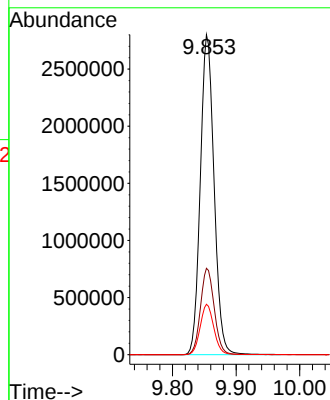
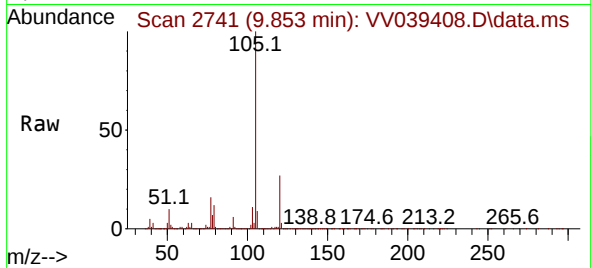




#60
Isopropylbenzene
Concen: 21.240 ug/L
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

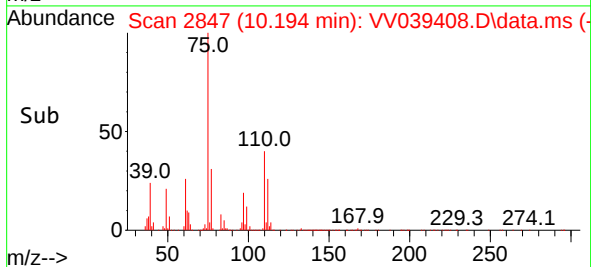
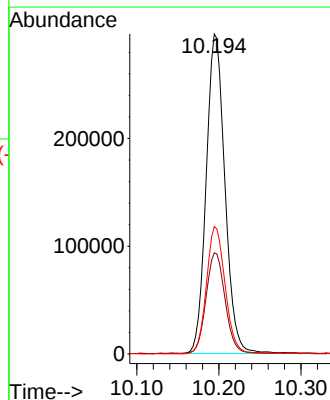
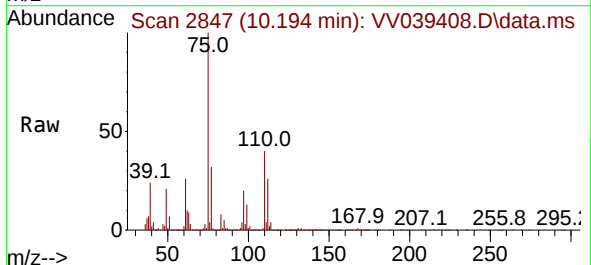
Instrument :
MSVOA_V
ClientSampleId :
VSTD020264

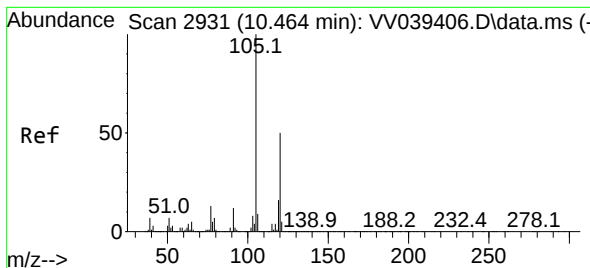
Tgt Ion:105 Resp: 4198692
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.6 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 16.735 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. -0.003 min
Lab File: VV039408.D
Acq: 19 Nov 2025 11:46

Tgt Ion: 75 Resp: 470343
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
110 40.0 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 22.417 ug/L

RT: 10.461 min Scan# 2931

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

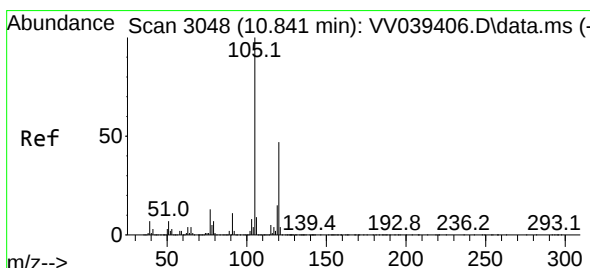
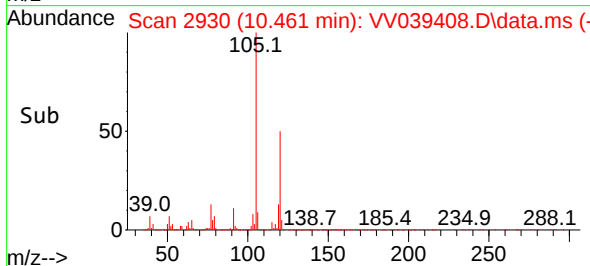
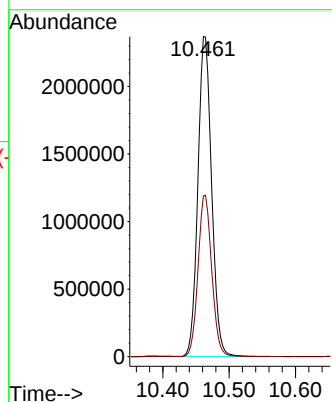
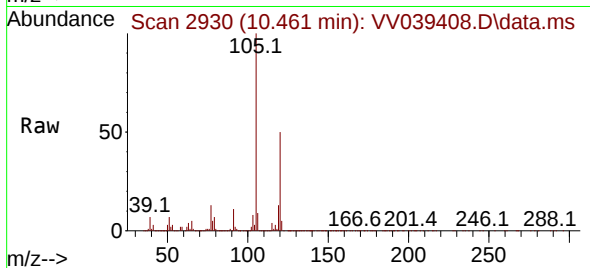
VSTD020264

Tgt Ion:105 Resp: 3401981

Ion Ratio Lower Upper

105 100

120 50.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 22.508 ug/L

RT: 10.837 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VV039408.D

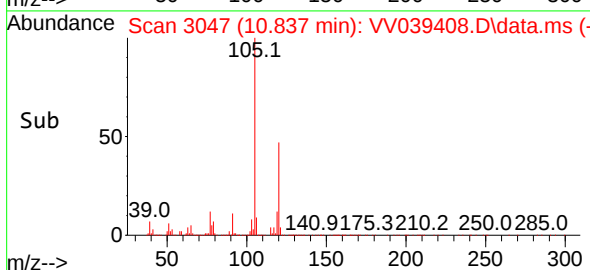
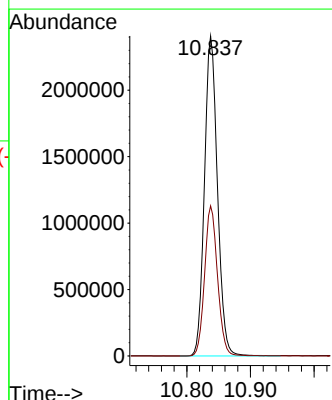
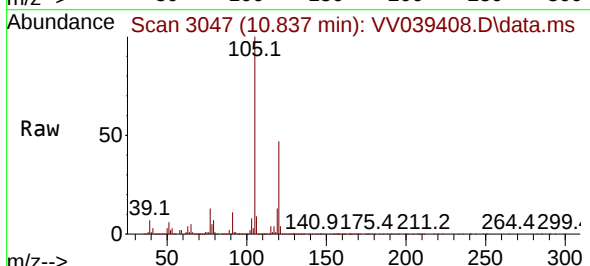
Acq: 19 Nov 2025 11:46

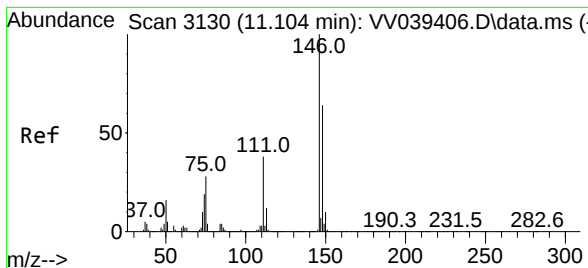
Tgt Ion:105 Resp: 3417079

Ion Ratio Lower Upper

105 100

120 46.6 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 21.149 ug/L

RT: 11.101 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD020264

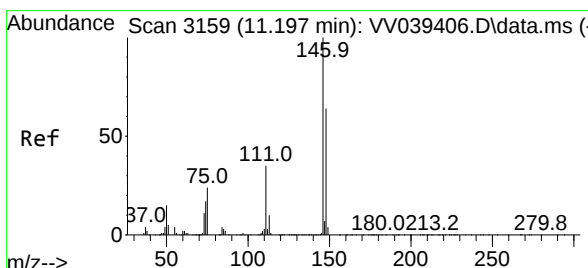
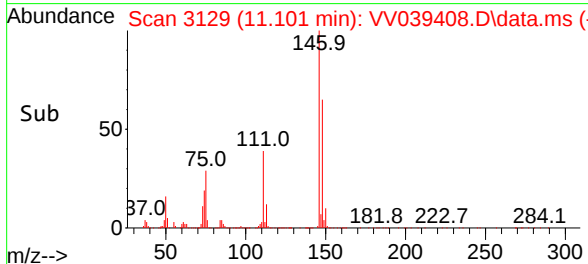
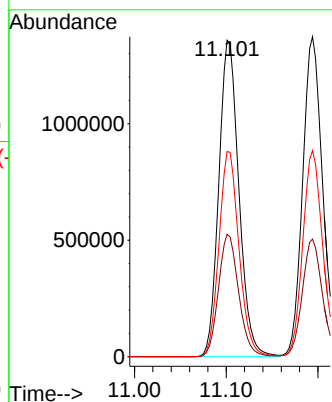
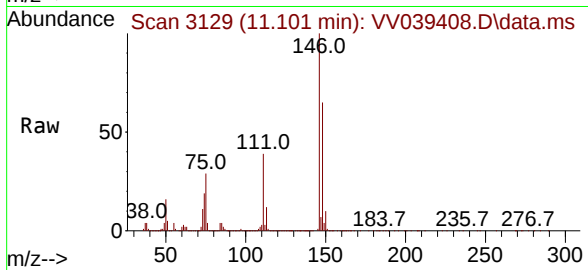
Tgt Ion:146 Resp: 2065196

Ion Ratio Lower Upper

146 100

111 38.7 26.6 49.4

148 64.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 20.366 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

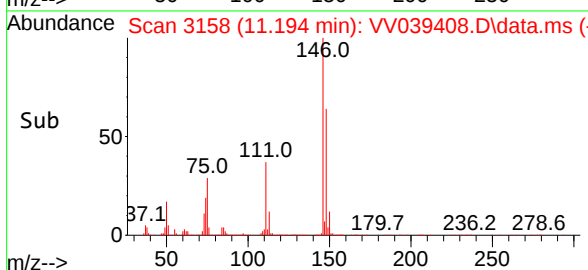
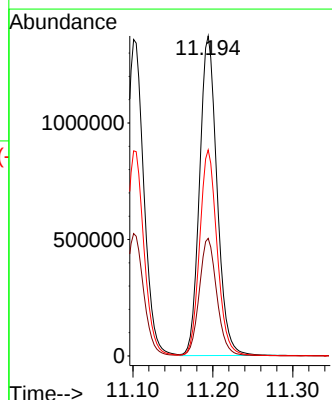
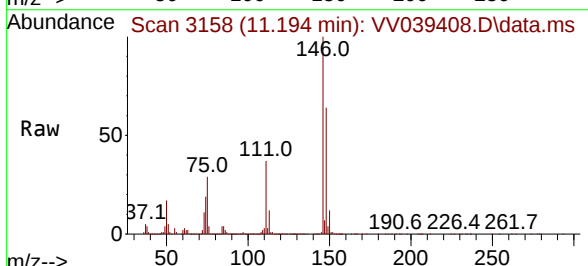
Tgt Ion:146 Resp: 2092163

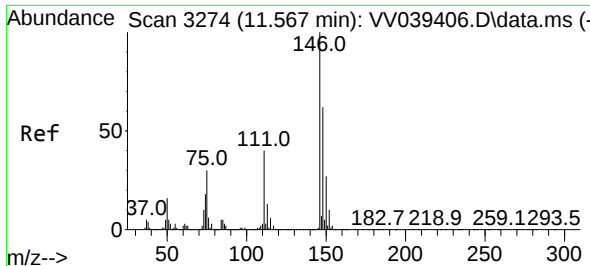
Ion Ratio Lower Upper

146 100

111 36.8 24.6 45.6

148 64.4 44.9 83.3

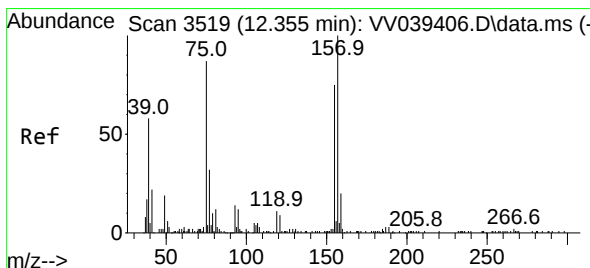
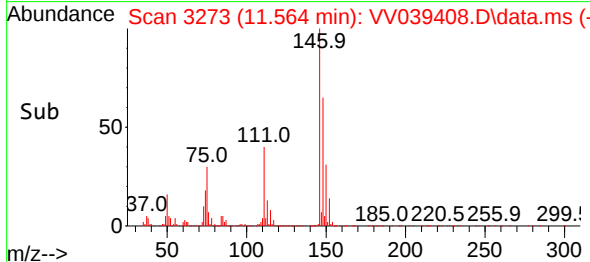
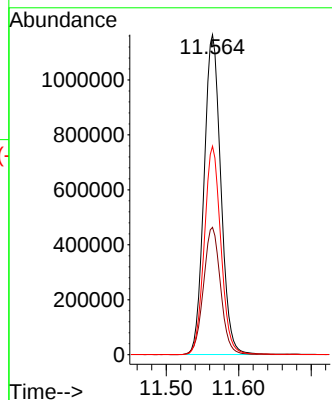
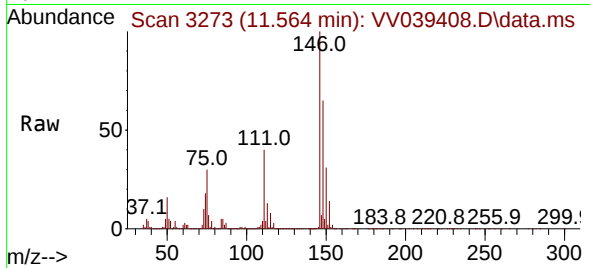




#67
 1,2-Dichlorobenzene
 Concen: 20.889 ug/L
 RT: 11.564 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

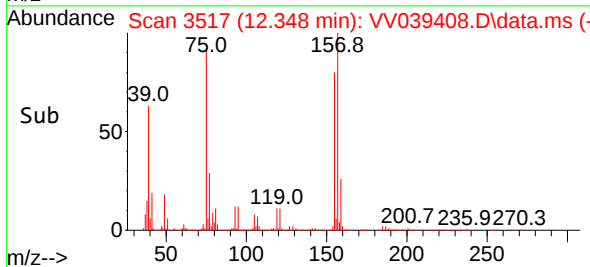
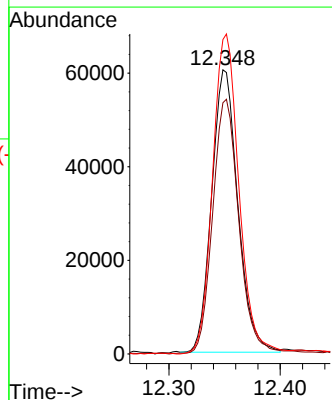
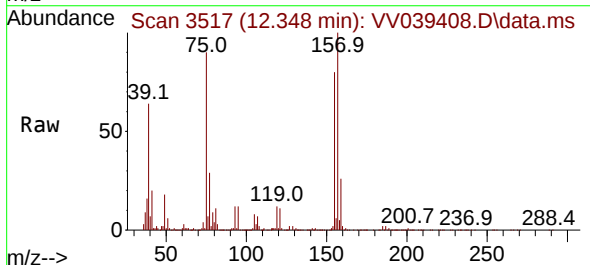
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020264

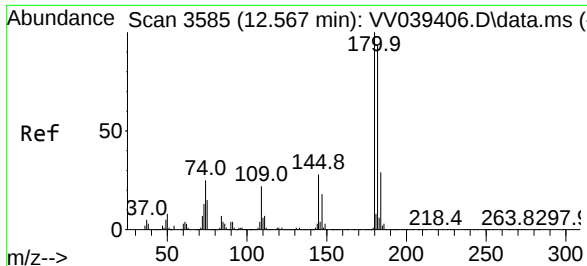
Tgt Ion:146 Resp: 1869578
 Ion Ratio Lower Upper
 146 100
 111 39.8 31.7 47.5
 148 65.2 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 16.209 ug/L
 RT: 12.348 min Scan# 3517
 Delta R.T. -0.006 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Tgt Ion: 75 Resp: 98756
 Ion Ratio Lower Upper
 75 100
 155 88.4 69.5 104.3
 157 110.6 92.0 138.0



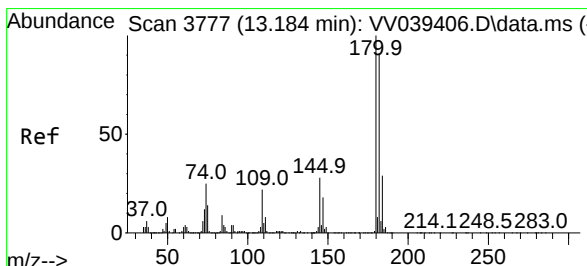
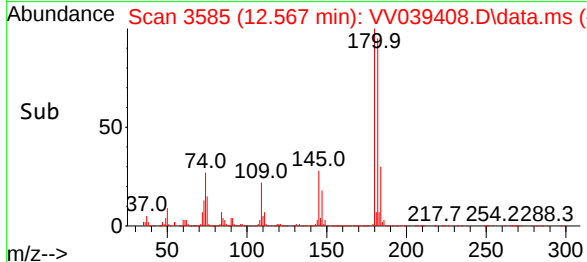
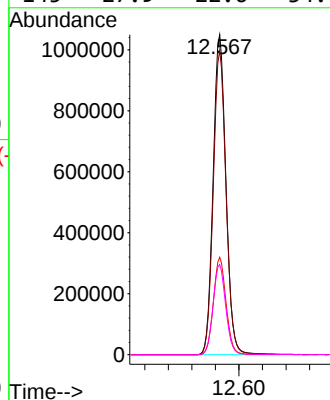
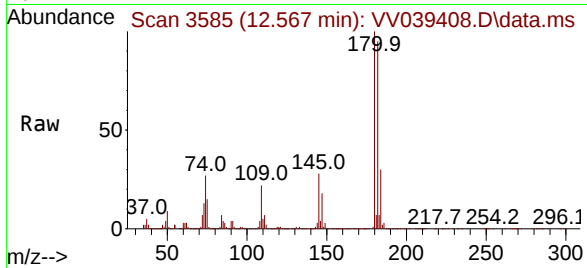


#69
 1,3,5-Trichlorobenzene
 Concen: 24.442 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. -0.000 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020264

Tgt Ion:180 Resp: 1588777

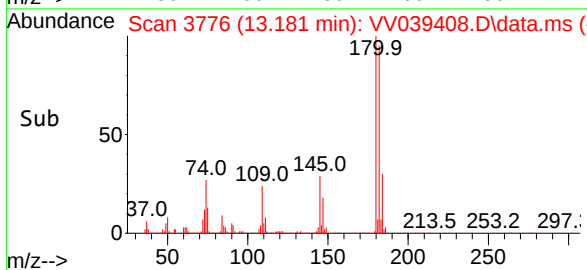
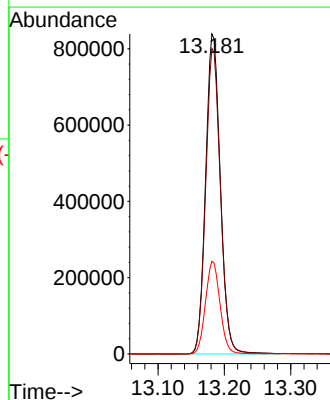
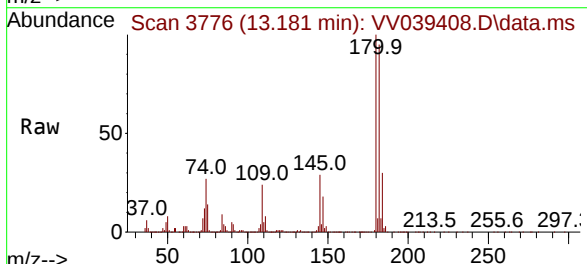
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.9	115.3
184	30.0	24.3	36.5
145	27.9	22.6	34.0

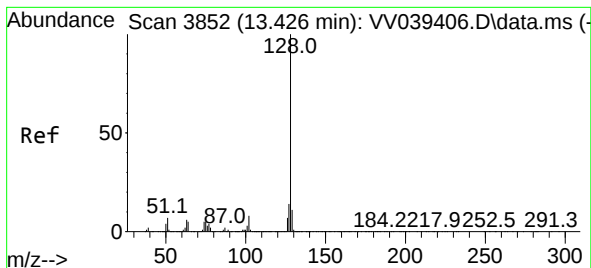


#70
 1,2,4-trichlorobenzene
 Concen: 25.294 ug/L
 RT: 13.181 min Scan# 3776
 Delta R.T. -0.003 min
 Lab File: VV039408.D
 Acq: 19 Nov 2025 11:46

Tgt Ion:180 Resp: 1294213

Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	111.8
145	28.5	23.3	34.9





#71

Naphthalene

Concen: 23.925 ug/L

RT: 13.422 min Scan# 3851

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD020264

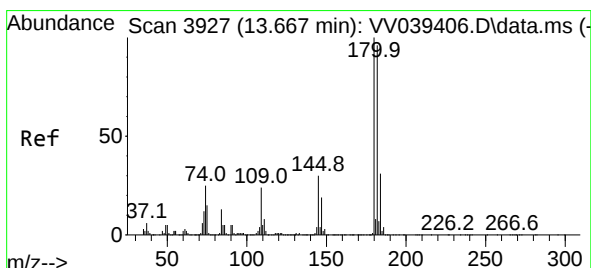
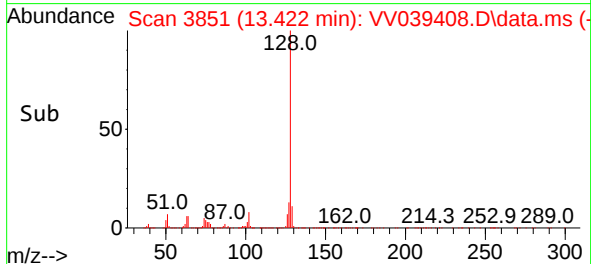
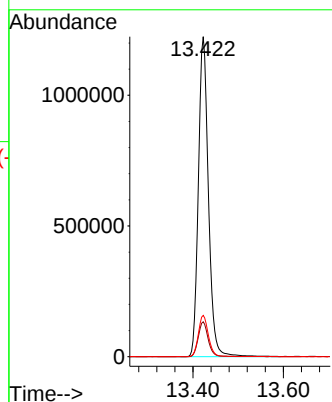
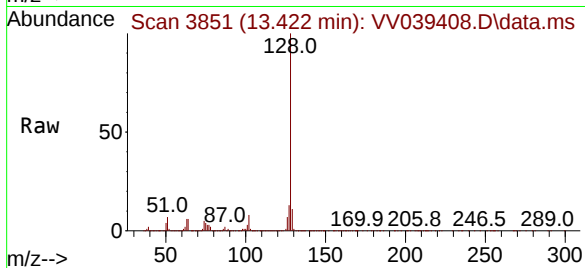
Tgt Ion:128 Resp: 1877752

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.9 11.3 16.9



#72

1,2,3-Trichlorobenzene

Concen: 25.140 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039408.D

Acq: 19 Nov 2025 11:46

Tgt Ion:180 Resp: 1164989

Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

145 30.1 24.6 36.8

