

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111925\
 Data File : VV039406.D
 Acq On : 19 Nov 2025 10:58
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005262

Quant Time: Nov 20 03:23:31 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	315866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	356452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	259214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	205043	4.725	ug/L	0.00
7) Chloroethane-d5	1.545	69	176651	5.522	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	95563	5.254	ug/L	0.00
20) 2-Butanone-d5	3.793	46	322896	55.063	ug/L	0.00
24) Chloroform-d	4.256	84	455092	6.718	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	199442	6.498	ug/L	0.00
32) Benzene-d6	4.960	84	832772	6.234	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	283387	5.799	ug/L	0.00
41) Toluene-d8	7.236	98	806651	6.804	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	89861	6.026	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	258642	55.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.140	84	170688	5.731	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	257539	5.342	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	161902	3.994	ug/L	100
3) Chloromethane	1.230	50	115897	2.628	ug/L	100
5) Vinyl chloride	1.298	62	137376	3.214	ug/L	100
6) Bromomethane	1.500	94	80553	3.661	ug/L	100
8) Chloroethane	1.561	64	98905	3.736	ug/L	100
9) Trichlorofluoromethane	1.728	101	273358	4.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	178947	5.143	ug/L	100
12) 1,1-Dichloroethene	2.085	96	125436	4.050	ug/L	100
13) Acetone	2.121	43	253594	55.541	ug/L	100
14) Carbon disulfide	2.252	76	205760	2.129	ug/L	100
15) Methyl Acetate	2.391	43	57921	4.971	ug/L	100
16) Methylene chloride	2.458	84	163093	4.514	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	304830	5.114	ug/L	100
18) trans-1,2-Dichloroethene	2.706	96	134164	4.292	ug/L	100
19) 1,1-Dichloroethane	3.121	63	341267	5.207	ug/L	100
21) 2-Butanone	3.870	43	334379	50.828	ug/L	100
22) cis-1,2-Dichloroethene	3.822	96	162599	4.988	ug/L	100
23) Bromochloromethane	4.159	128	78250	5.311	ug/L	100
25) Chloroform	4.281	83	377098	5.671	ug/L	100
27) 1,2-Dichloroethane	5.043	62	190898	5.297	ug/L	100
29) 1,1,1-Trichloroethane	4.516	97	312435	5.160	ug/L	100
30) Cyclohexane	4.587	56	168763	3.302	ug/L	100
31) Carbon tetrachloride	4.738	117	278638	5.195	ug/L	100
33) Benzene	5.011	78	662870	4.812	ug/L	100
34) Trichloroethene	5.834	95	166411	4.732	ug/L	100
35) Methylcyclohexane	6.047	83	188661	3.571	ug/L	100
37) 1,2-Dichloropropane	6.088	63	191739	5.179	ug/L	100
38) Bromodichloromethane	6.429	83	257734	5.235	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	235311	4.843	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	895621	53.293	ug/L	100
42) Toluene	7.310	91	728191	5.176	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	207620	5.044	ug/L	100

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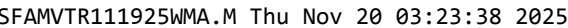
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005262

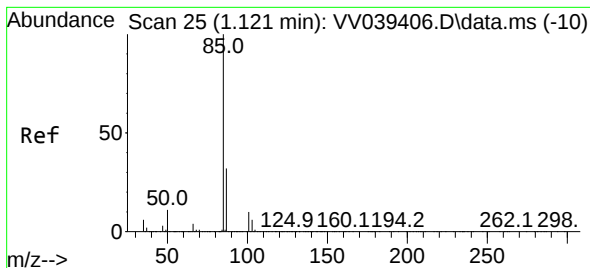
Quant Time: Nov 20 03:23:31 2025
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 20 03:21:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	139612	5.258	ug/L	100
47) Tetrachloroethene	7.899	164	150074	5.343	ug/L	100
48) 2-Hexanone	8.063	43	665224	57.983	ug/L	100
49) Dibromochloromethane	8.165	129	170484	5.668	ug/L	100
50) 1,2-Dibromoethane	8.275	107	117432	5.109	ug/L	100
51) Chlorobenzene	8.805	112	488167	5.227	ug/L	100
52) Ethylbenzene	8.937	91	746643	5.130	ug/L	100
53) m,p-Xylene	9.062	106	293892	5.331	ug/L	100
54) o-Xylene	9.468	106	274320	5.243	ug/L	100
55) Styrene	9.487	104	522375	5.792	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.165	83	159548	5.242	ug/L	100
59) Bromoform	9.654	173	102116	4.991	ug/L	100
60) Isopropylbenzene	9.857	105	780063	4.229	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	104766	3.995	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	562772	3.974	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	587325	4.146	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	440019	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.197	146	449820	4.692	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	392420	4.699	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	22361	3.933	ug/L	100
69) 1,3,5-Trichlorobenzene	12.567	180	307913	5.076	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	230357	4.825	ug/L	100
71) Naphthalene	13.426	128	274975	3.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.667	180	207847	4.807	ug/L	100

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

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QLast Update : Thu Nov 20 03:21:50 2025
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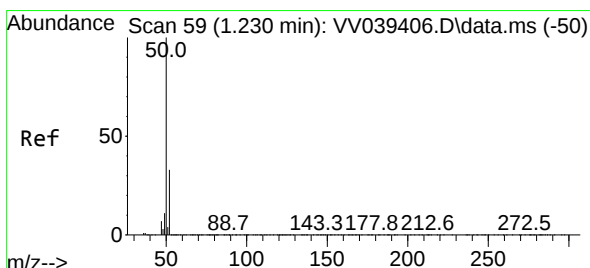
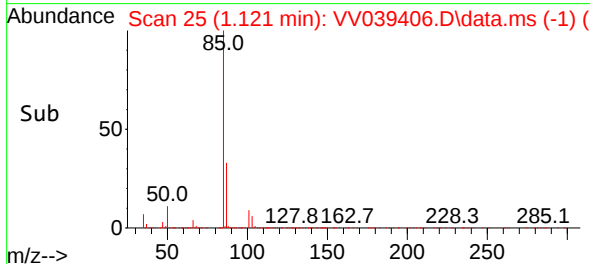
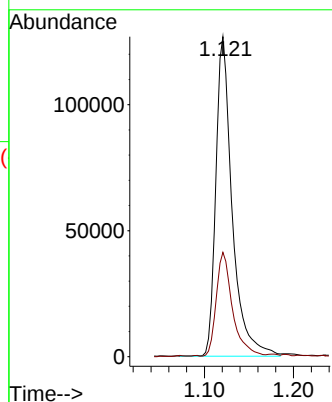
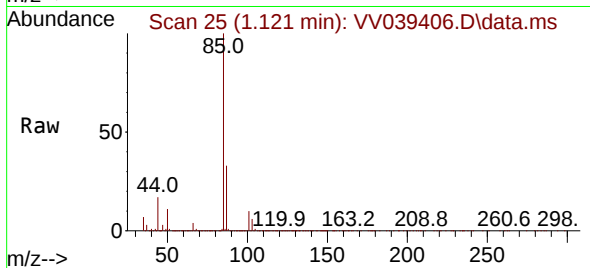




#2
 Dichlorodifluoromethane
 Concen: 3.994 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

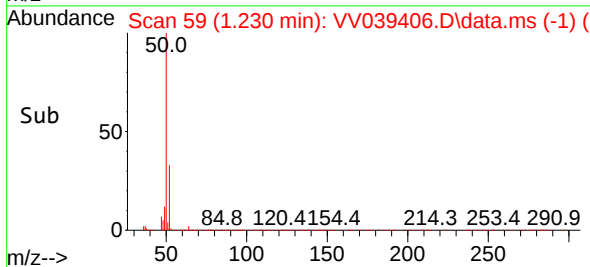
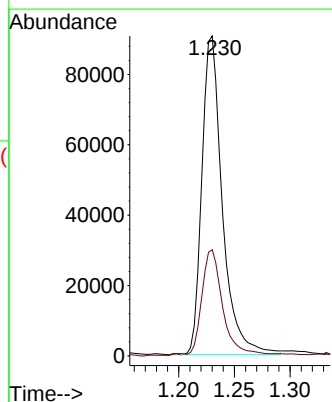
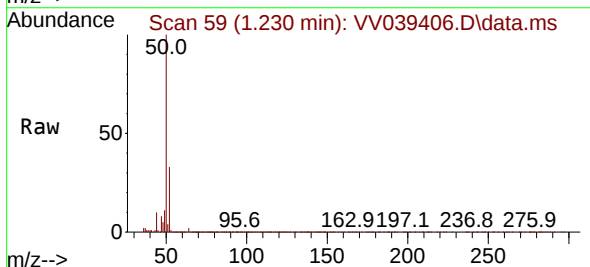
Instrument :
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 ClientSampleId :
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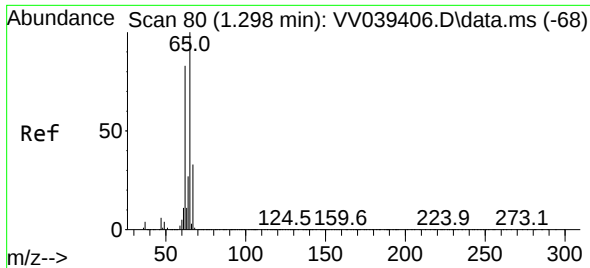
Tgt Ion: 85 Resp: 161902
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 2.628 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

Tgt Ion: 50 Resp: 115897
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

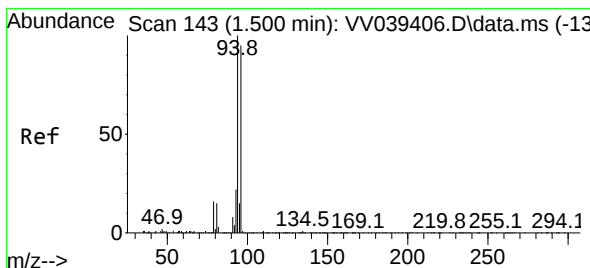
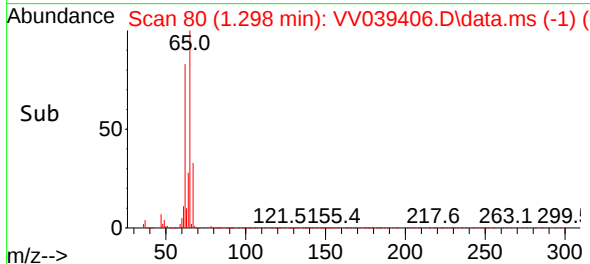
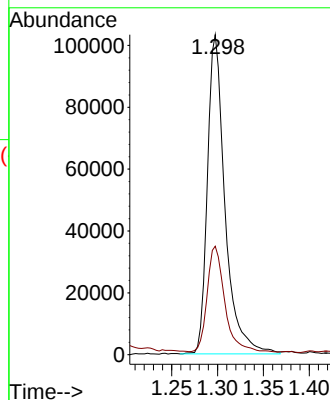
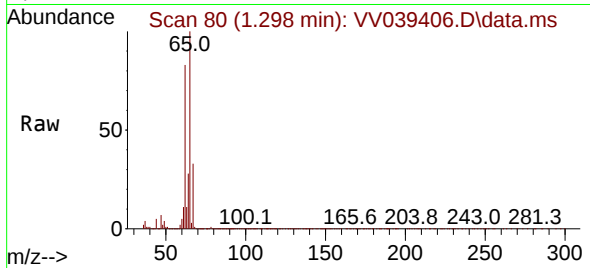




#5
 Vinyl chloride
 Concen: 3.214 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

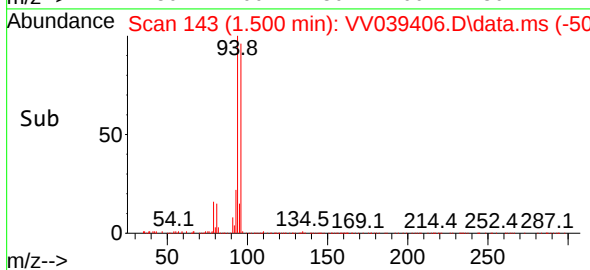
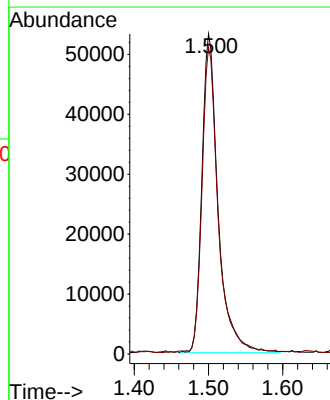
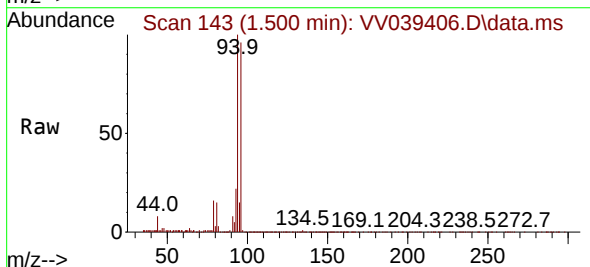
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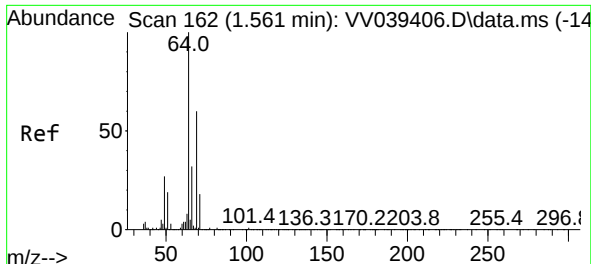
Tgt Ion: 62 Resp: 137376
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 3.661 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

Tgt Ion: 94 Resp: 80553
 Ion Ratio Lower Upper
 94 100
 96 96.0 67.2 124.8

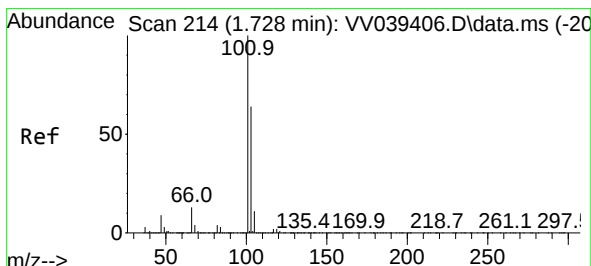
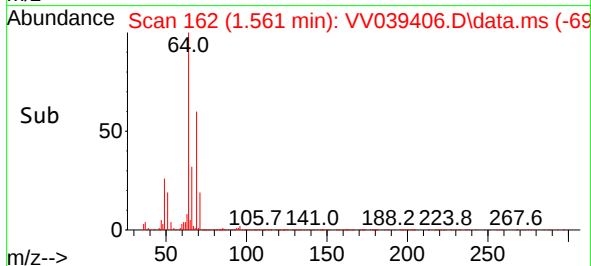
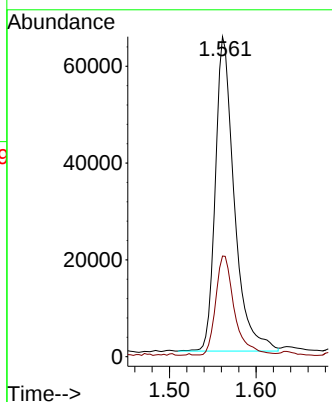
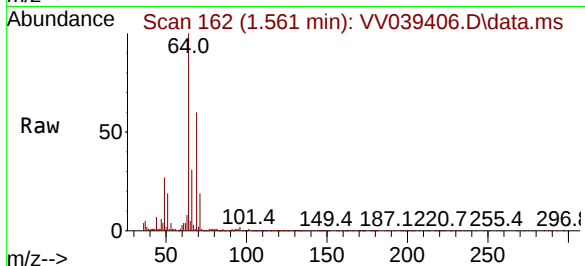




#8
Chloroethane
Concen: 3.736 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

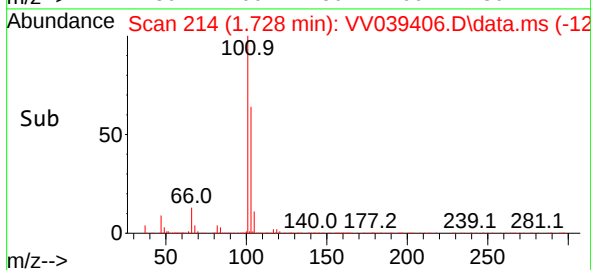
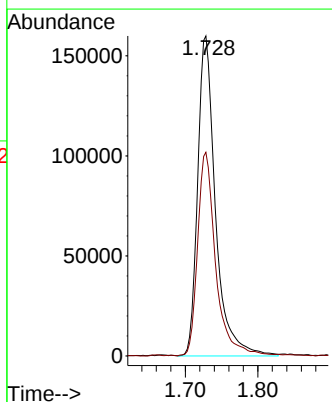
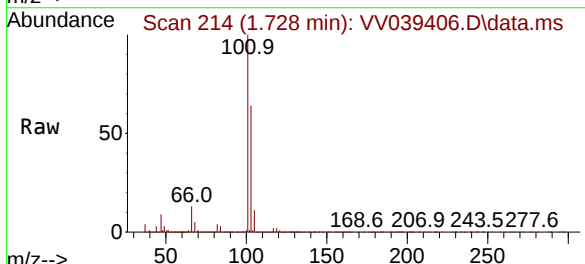
Instrument :
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ClientSampleId :
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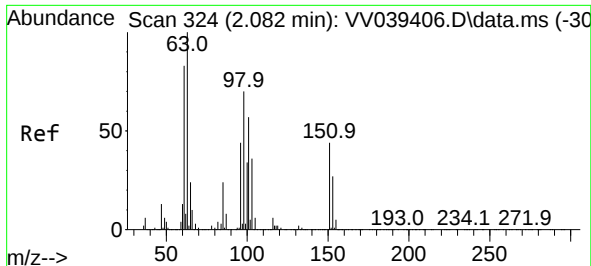
Tgt Ion: 64 Resp: 98905
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 4.604 ug/L
RT: 1.728 min Scan# 214
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 101 Resp: 273358
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

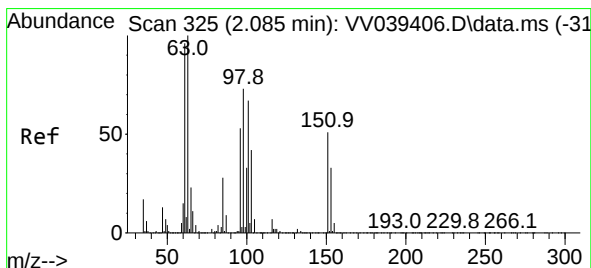
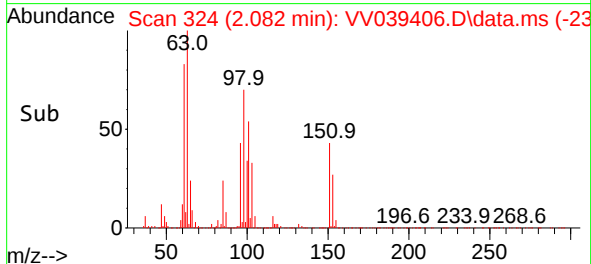
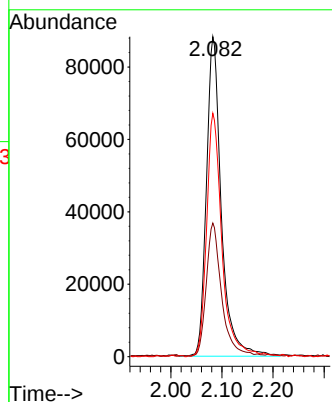
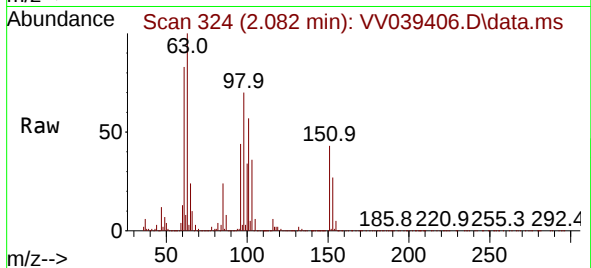




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.143 ug/L
RT: 2.082 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

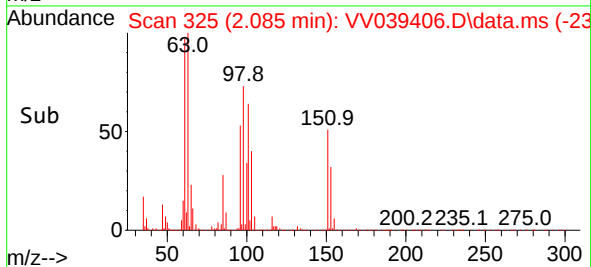
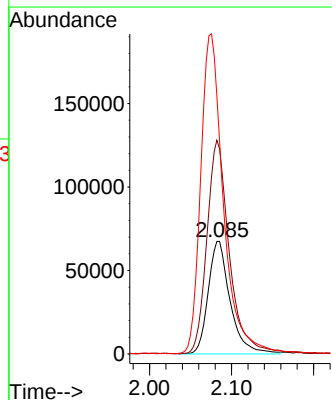
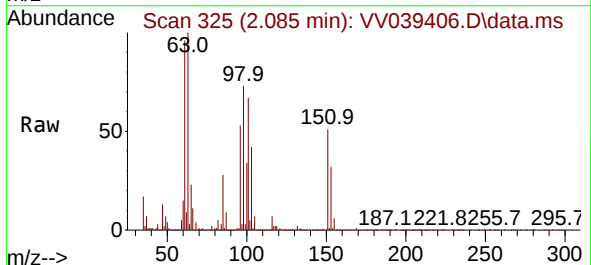
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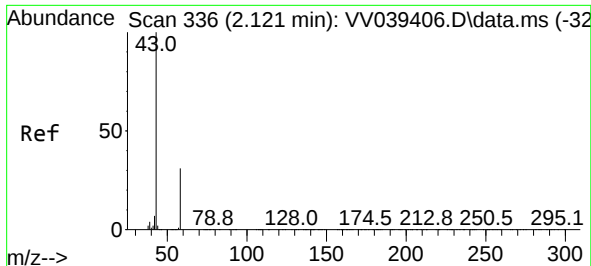
Tgt Ion:101 Resp: 178947
Ion Ratio Lower Upper
101 100
85 42.5 34.0 51.0
151 77.9 62.3 93.5



#12
1,1-Dichloroethene
Concen: 4.050 ug/L
RT: 2.085 min Scan# 325
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 96 Resp: 125436
Ion Ratio Lower Upper
96 100
61 182.4 127.7 237.1
63 189.4 132.6 246.2





#13

Acetone

Concen: 55.541 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

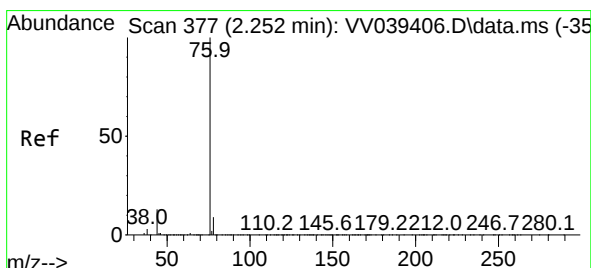
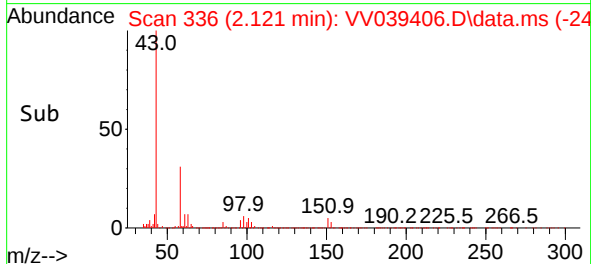
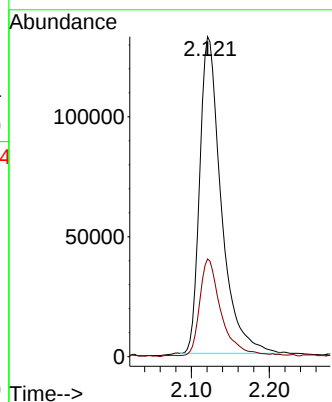
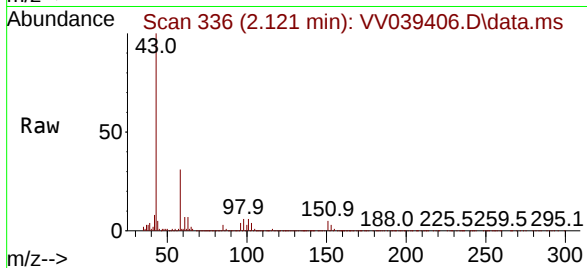
VSTD005262

Tgt Ion: 43 Resp: 253594

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.0



#14

Carbon disulfide

Concen: 2.129 ug/L

RT: 2.252 min Scan# 377

Delta R.T. 0.000 min

Lab File: VV039406.D

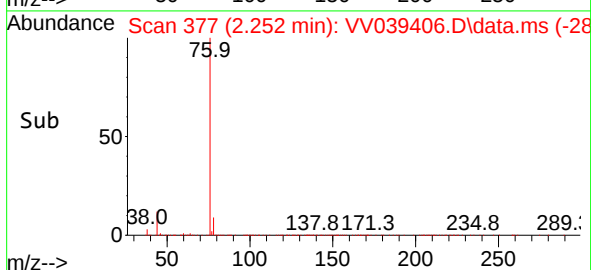
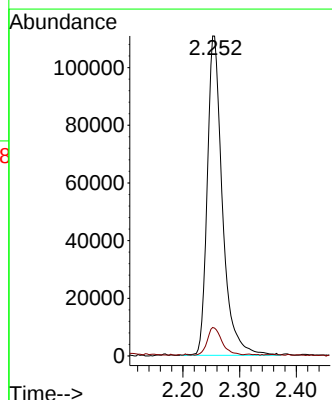
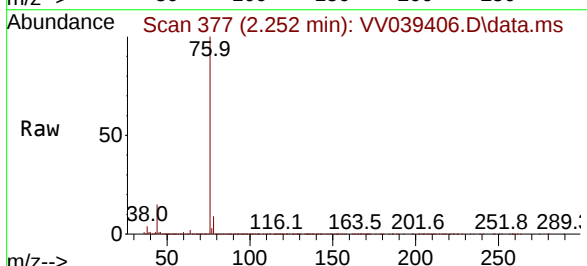
Acq: 19 Nov 2025 10:58

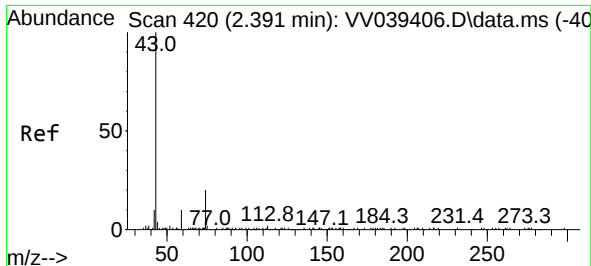
Tgt Ion: 76 Resp: 205760

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

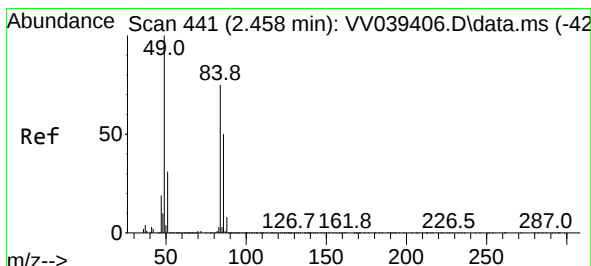
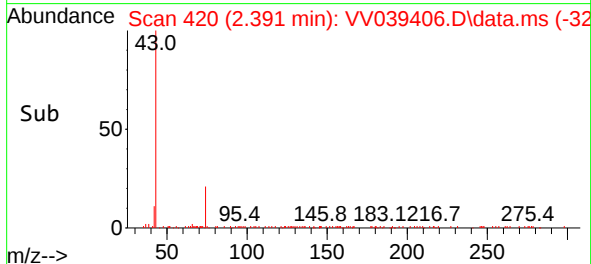
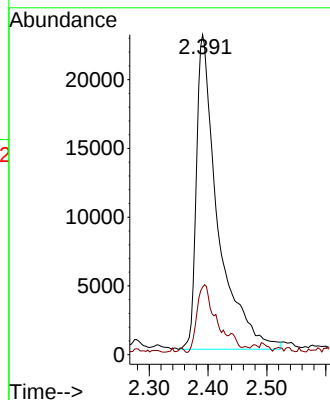
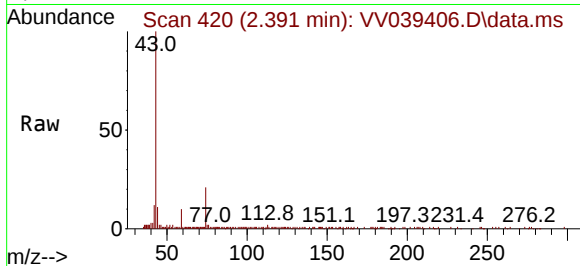




#15
Methyl Acetate
Concen: 4.971 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

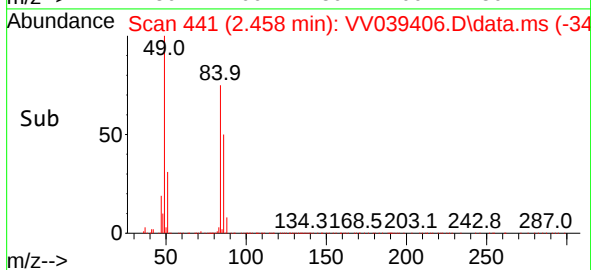
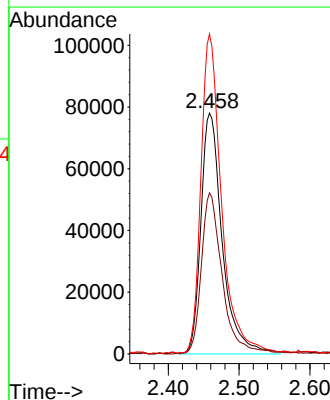
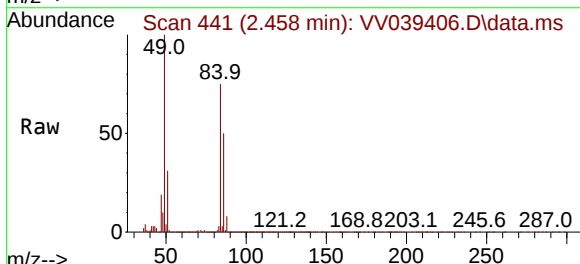
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

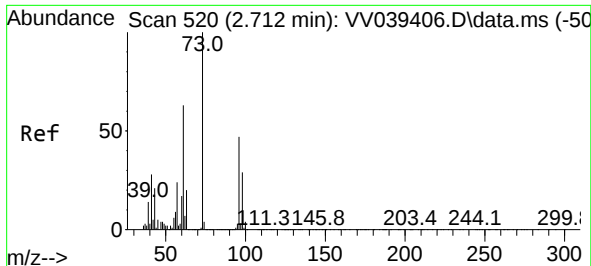
Tgt Ion: 43 Resp: 57921
Ion Ratio Lower Upper
43 100
74 18.1 14.5 21.7



#16
Methylene chloride
Concen: 4.514 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 84 Resp: 163093
Ion Ratio Lower Upper
84 100
86 66.9 46.8 87.0
49 132.9 93.0 172.8

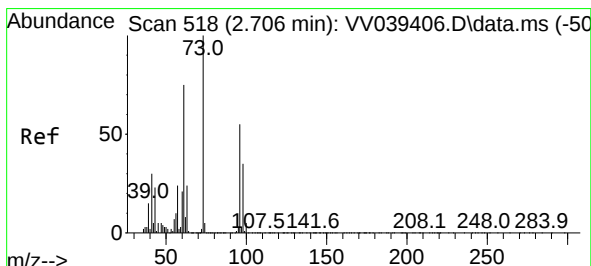
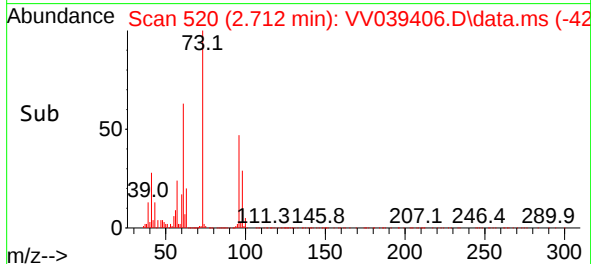
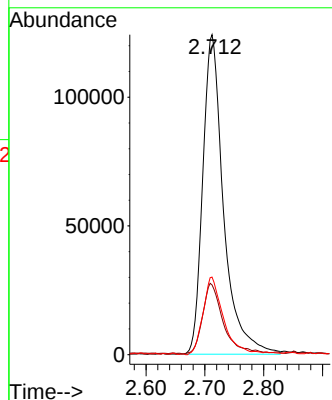
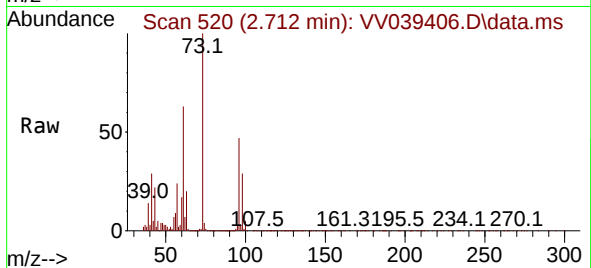




#17
Methyl tert-butyl Ether
Concen: 5.114 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

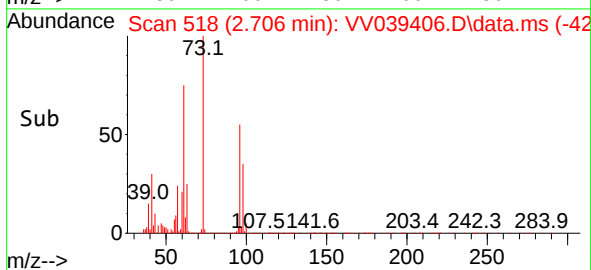
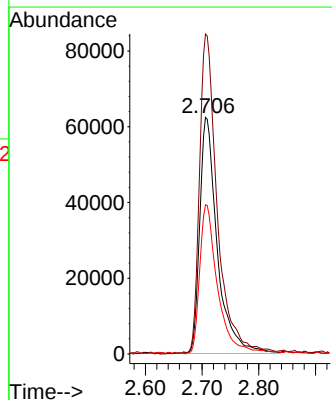
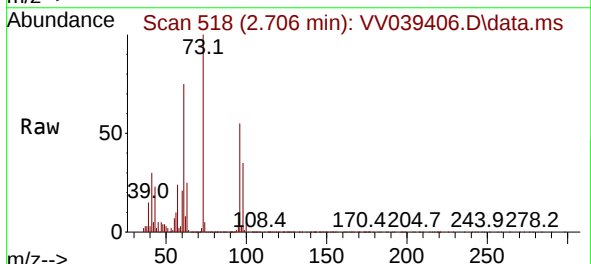
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

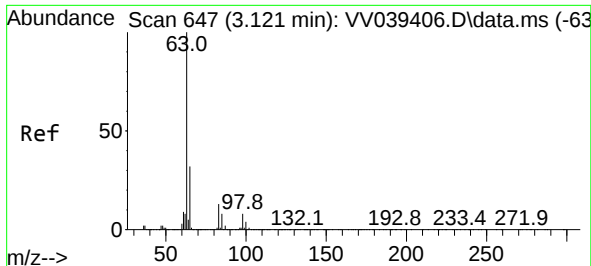
Tgt Ion: 73 Resp: 304830
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 23.5 18.8 28.2



#18
trans-1,2-Dichloroethene
Concen: 4.292 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 96 Resp: 134164
Ion Ratio Lower Upper
96 100
61 135.3 94.7 175.9
98 63.1 44.2 82.0

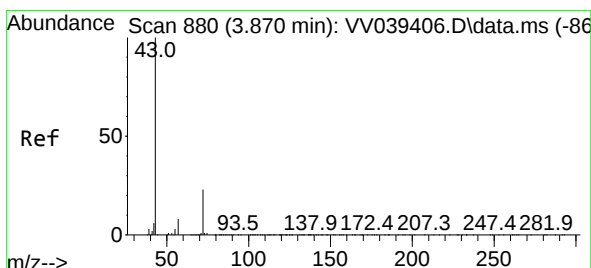
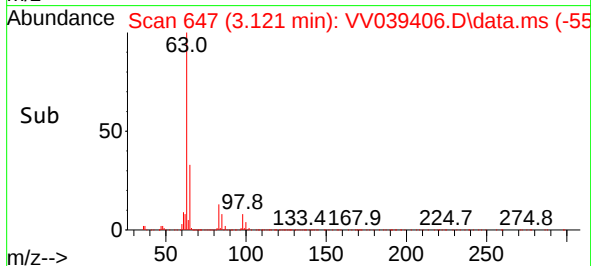
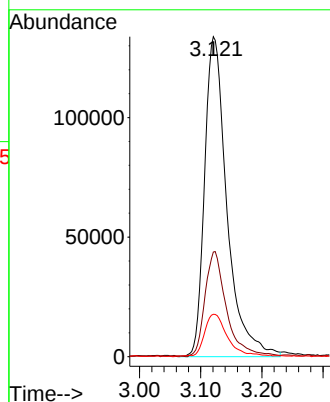
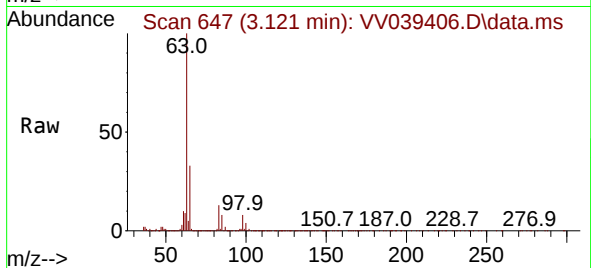




#19
1,1-Dichloroethane
Concen: 5.207 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

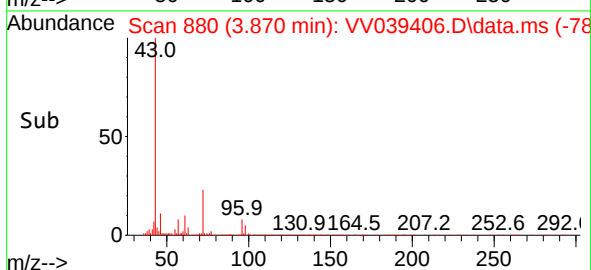
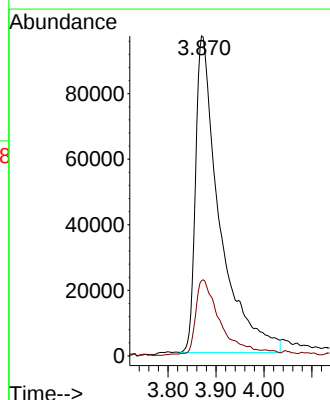
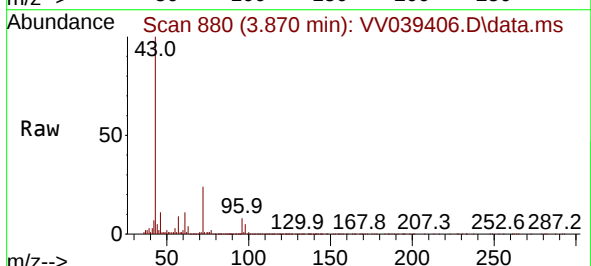
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

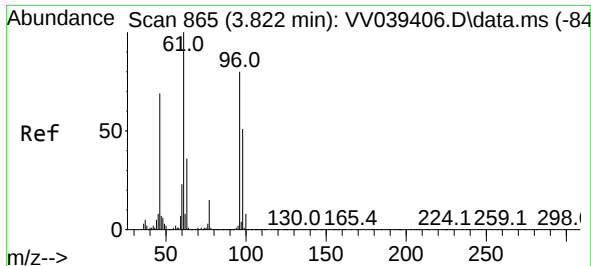
Tgt Ion: 63 Resp: 341267
Ion Ratio Lower Upper
63 100
65 32.7 22.9 42.5
83 13.2 9.2 17.2



#21
2-Butanone
Concen: 50.828 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 43 Resp: 334379
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0

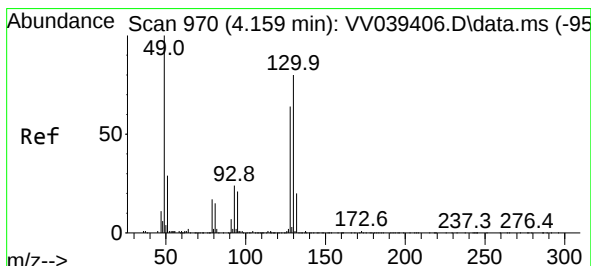
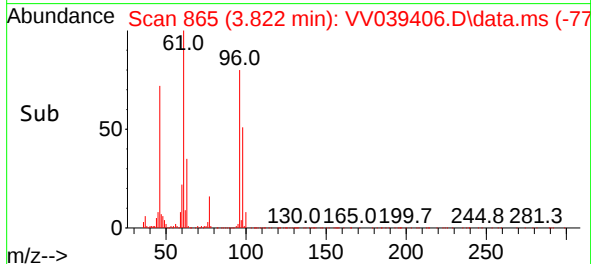
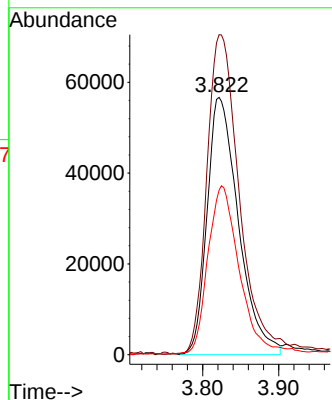
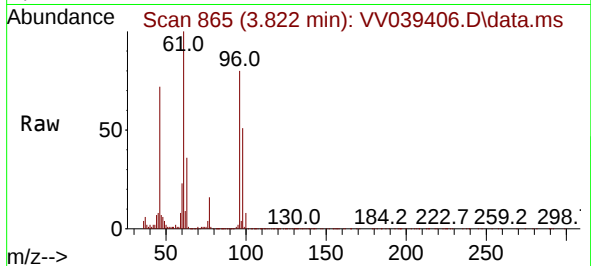




#22
cis-1,2-Dichloroethene
Concen: 4.988 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

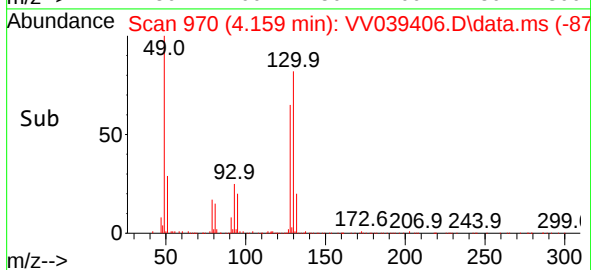
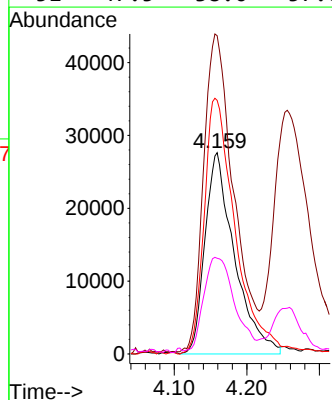
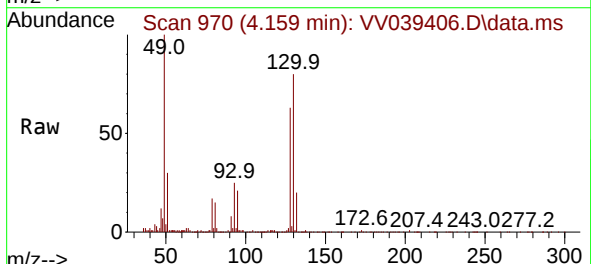
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

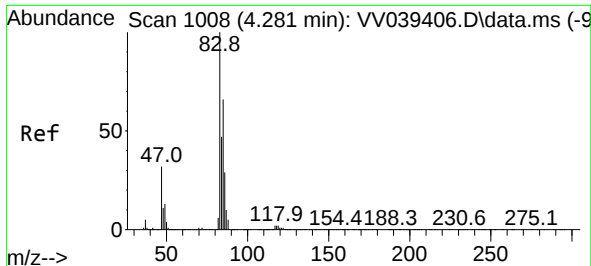
Tgt Ion: 96 Resp: 162599
Ion Ratio Lower Upper
96 100
61 124.4 87.1 161.7
98 63.9 44.7 83.1



#23
Bromochloromethane
Concen: 5.311 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion:128 Resp: 78250
Ion Ratio Lower Upper
128 100
49 158.1 110.7 205.5
130 126.0 88.2 163.8
51 47.5 38.0 57.0

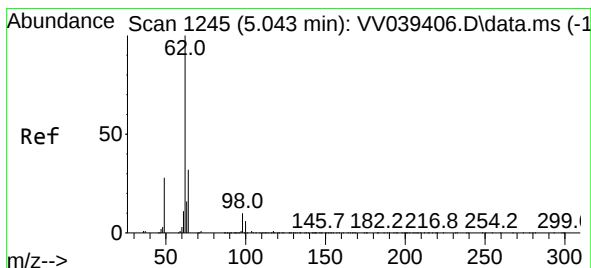
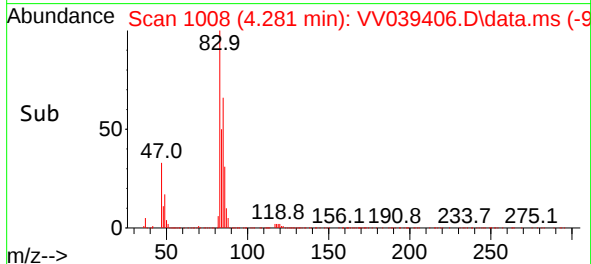
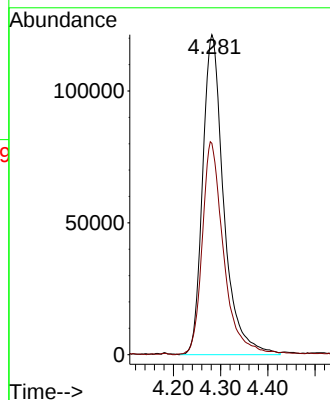
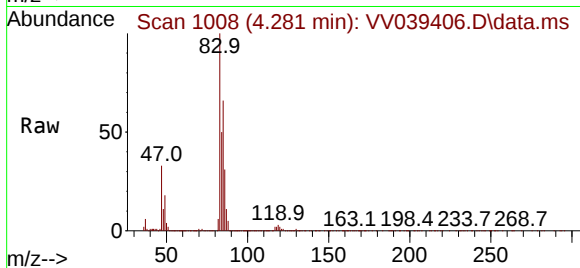




#25
Chloroform
Concen: 5.671 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

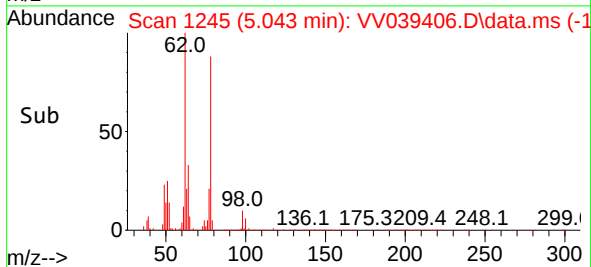
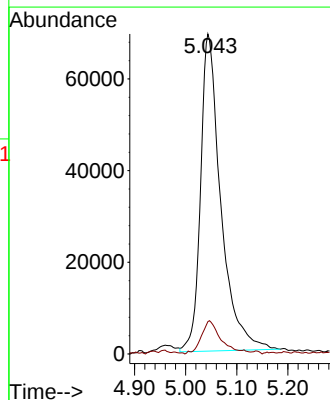
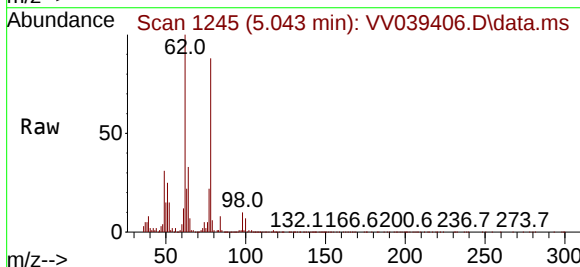
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

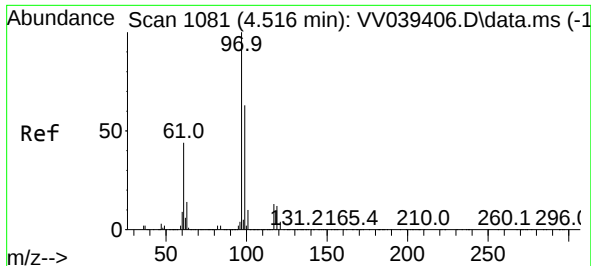
Tgt Ion: 83 Resp: 377098
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 5.297 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 62 Resp: 190898
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.160 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

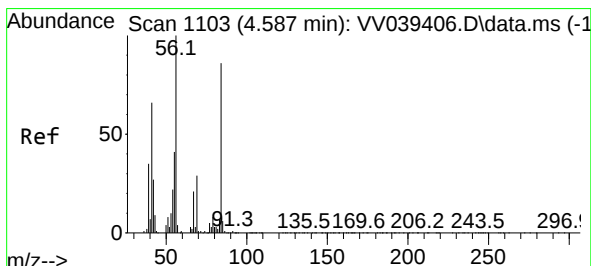
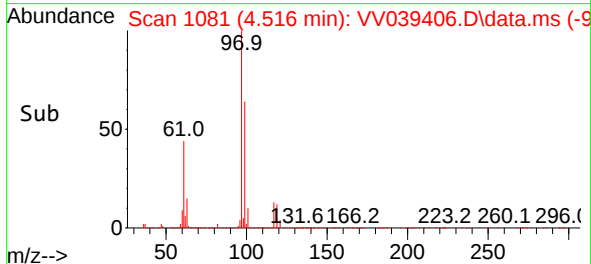
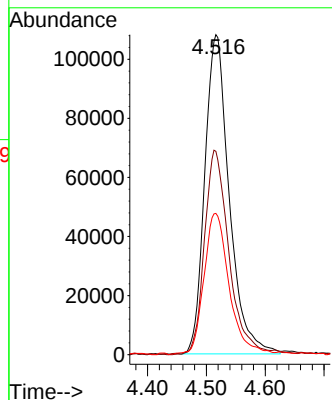
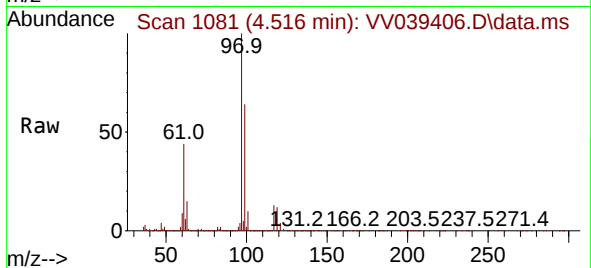
Tgt Ion: 97 Resp: 312435

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 45.8 36.6 55.0



#30

Cyclohexane

Concen: 3.302 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

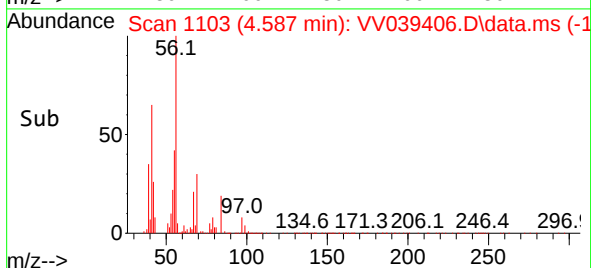
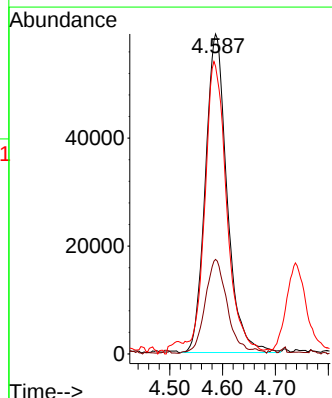
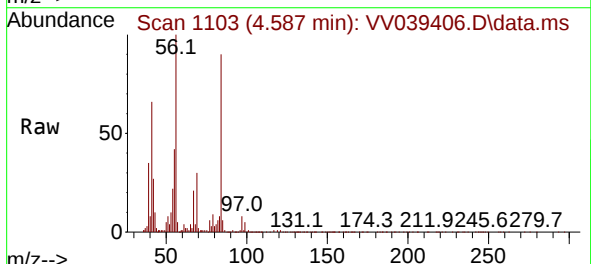
Tgt Ion: 56 Resp: 168763

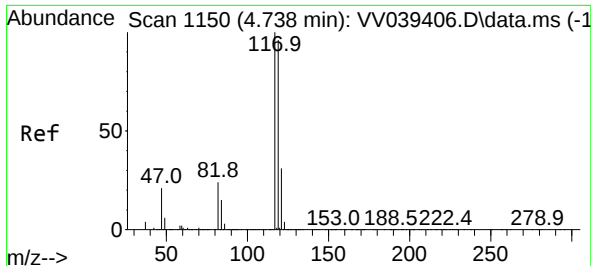
Ion Ratio Lower Upper

56 100

69 29.6 23.7 35.5

84 90.8 72.6 109.0

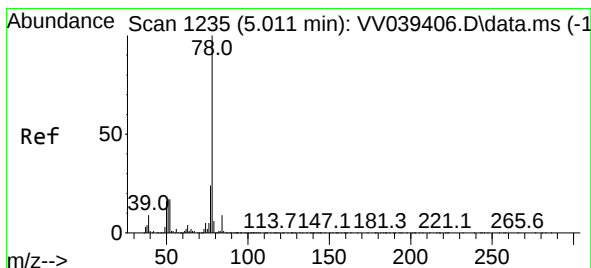
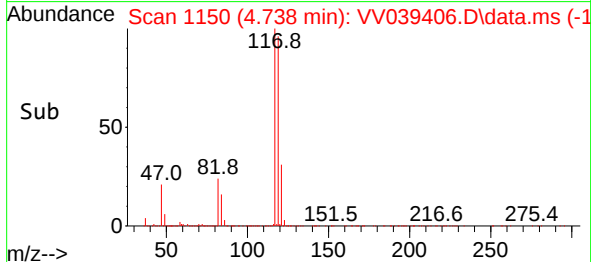
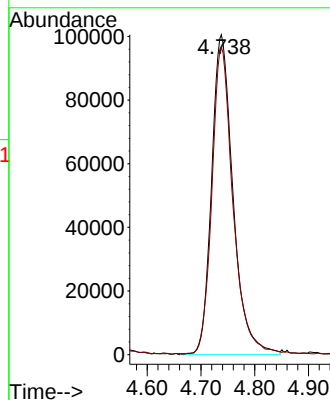
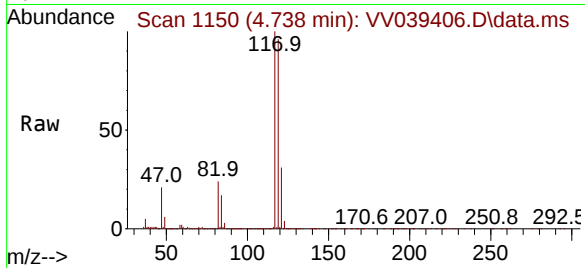




#31
Carbon tetrachloride
Concen: 5.195 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

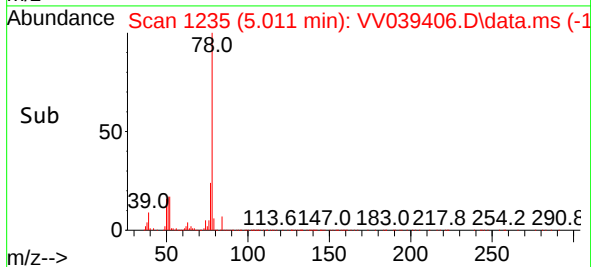
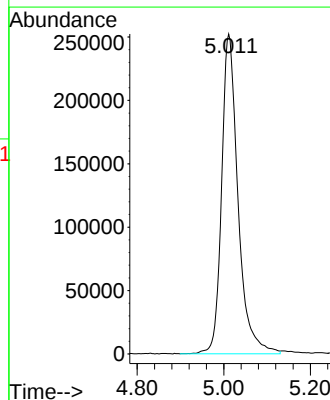
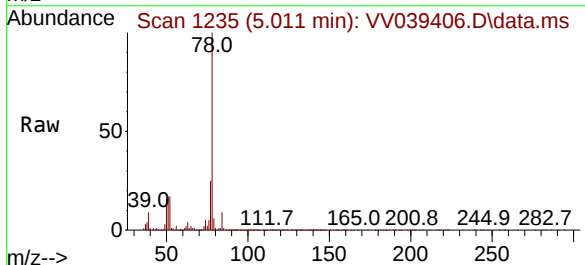
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

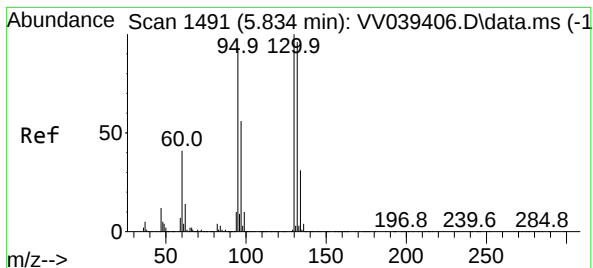
Tgt Ion:117 Resp: 278638
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.2



#33
Benzene
Concen: 4.812 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 78 Resp: 662870





#34

Trichloroethene

Concen: 4.732 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

Tgt Ion: 95 Resp: 166411

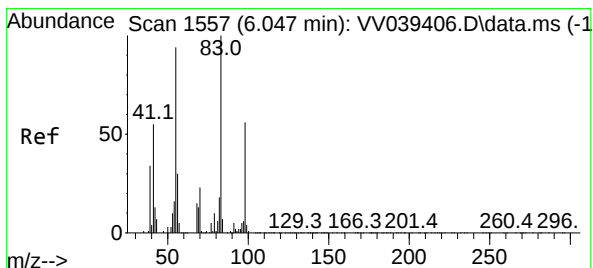
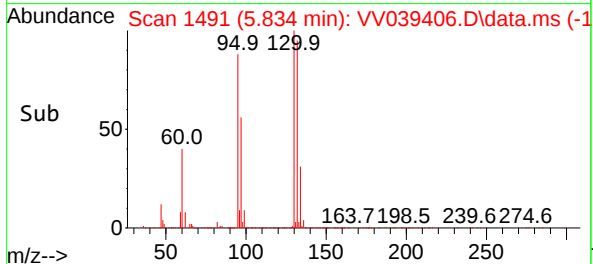
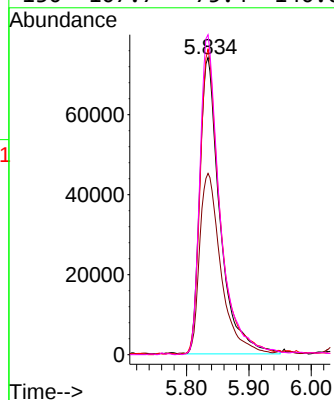
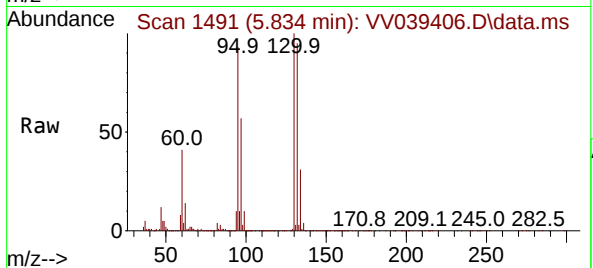
Ion Ratio Lower Upper

95 100

97 61.0 42.7 79.3

132 102.8 72.0 133.6

130 107.7 75.4 140.0



#35

Methylcyclohexane

Concen: 3.571 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

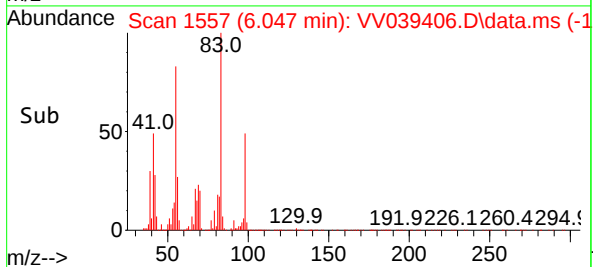
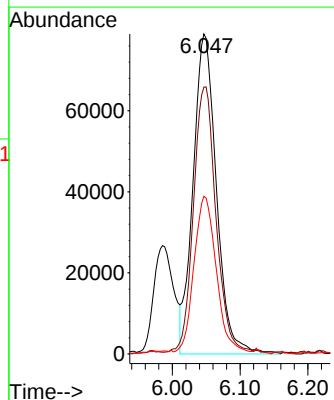
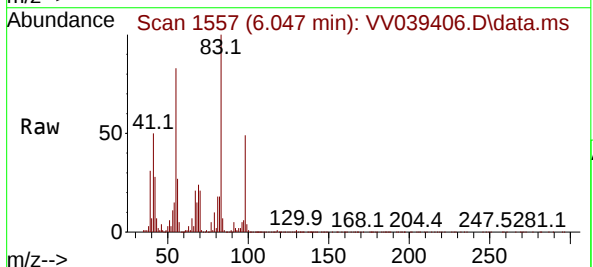
Tgt Ion: 83 Resp: 188661

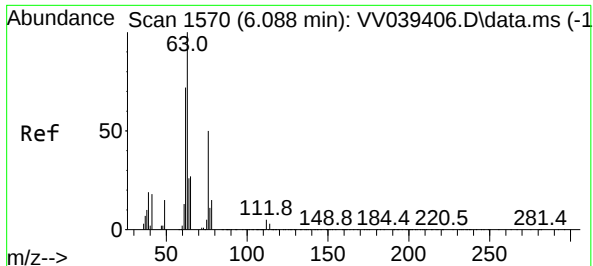
Ion Ratio Lower Upper

83 100

55 80.0 64.0 96.0

98 46.2 37.0 55.4

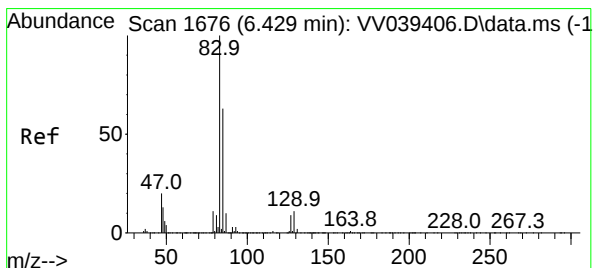
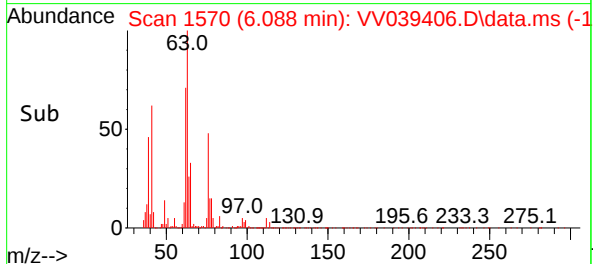
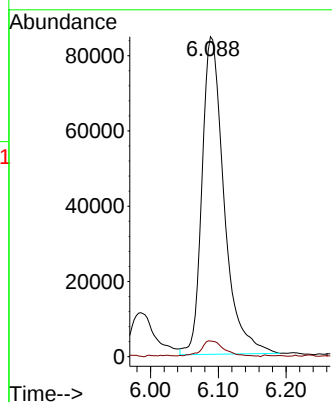
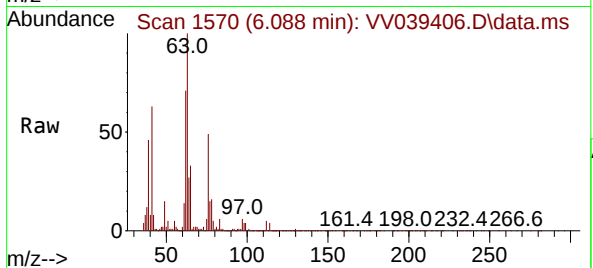




#37
1,2-Dichloropropane
Concen: 5.179 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

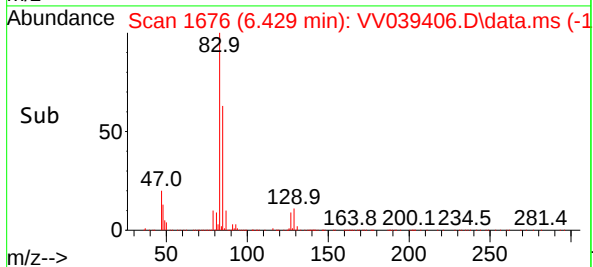
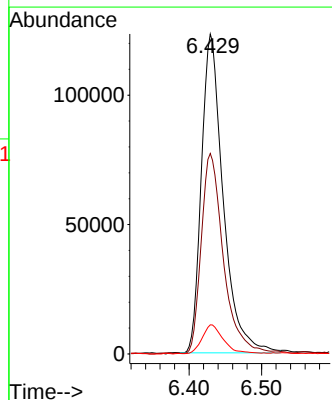
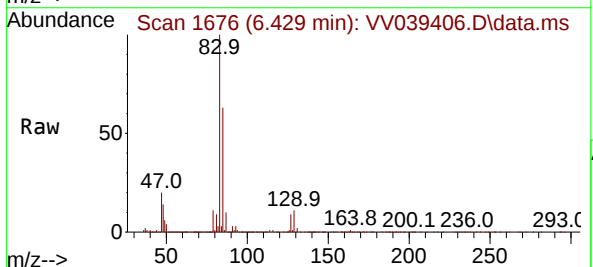
Instrument : MSVOA_V
ClientSampleId : VSTD005262

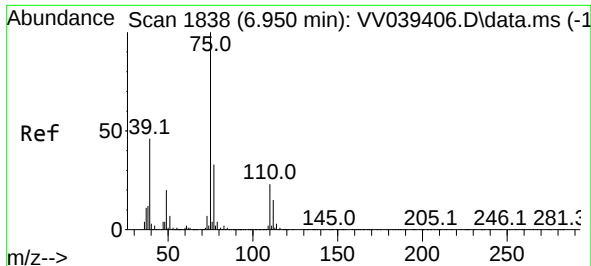
Tgt Ion: 63 Resp: 191739
Ion Ratio Lower Upper
63 100
112 5.5 4.4 6.6



#38
Bromodichloromethane
Concen: 5.235 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 83 Resp: 257734
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.843 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

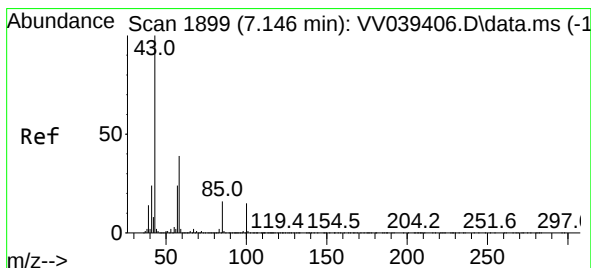
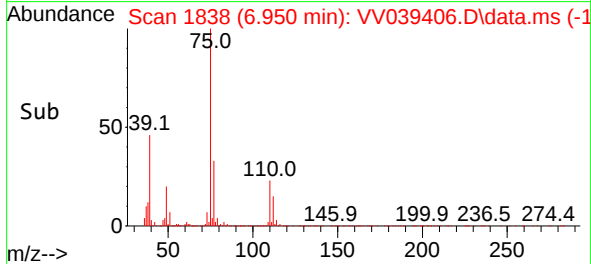
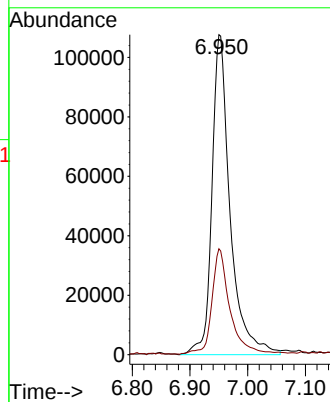
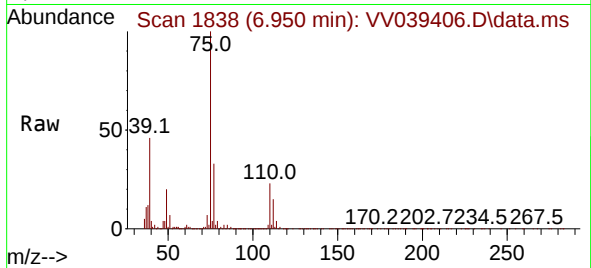
VSTD005262

Tgt Ion: 75 Resp: 235311

Ion Ratio Lower Upper

75 100

77 33.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 53.293 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

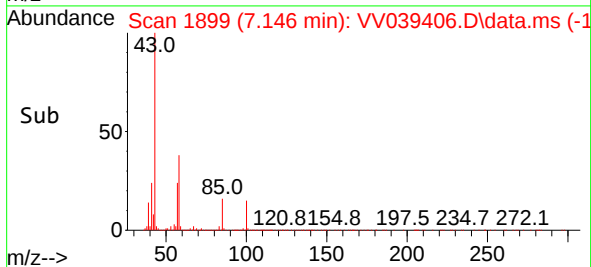
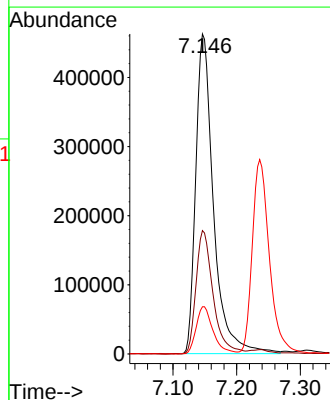
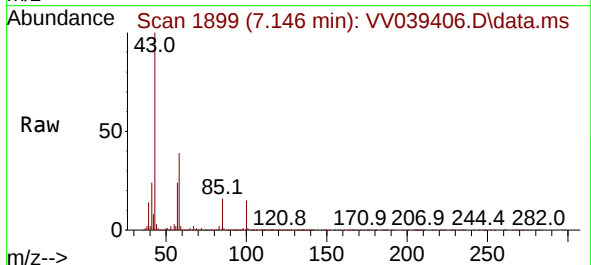
Tgt Ion: 43 Resp: 895621

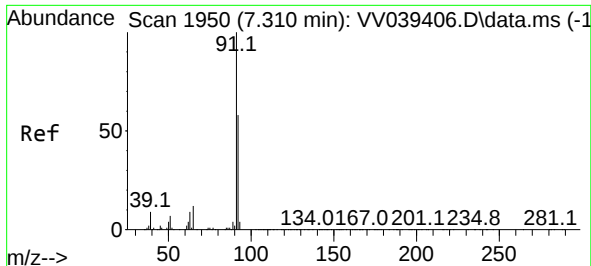
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 14.2 11.4 17.0

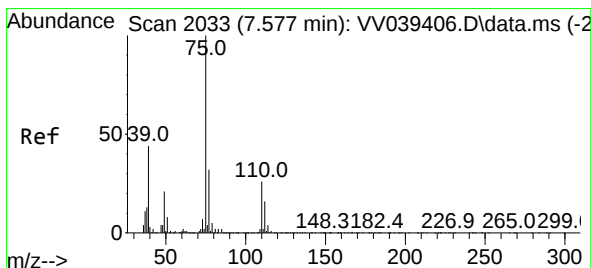
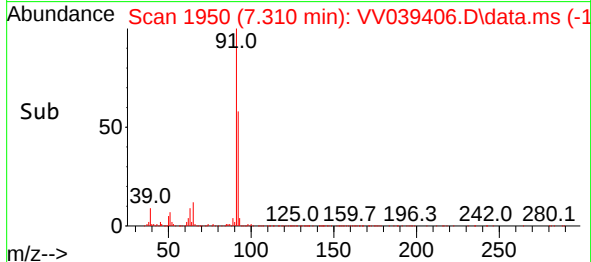
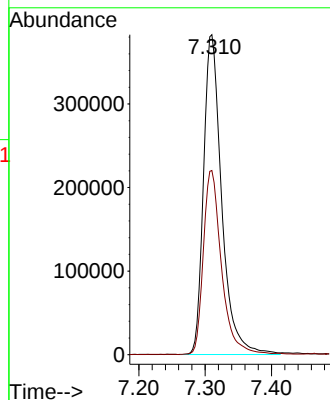
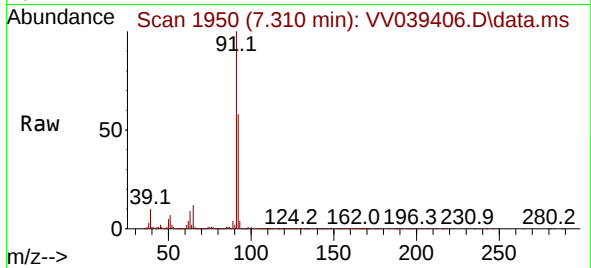




#42
Toluene
Concen: 5.176 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

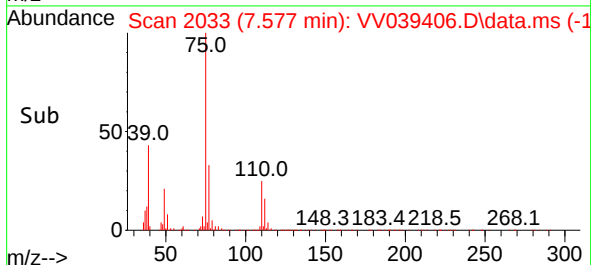
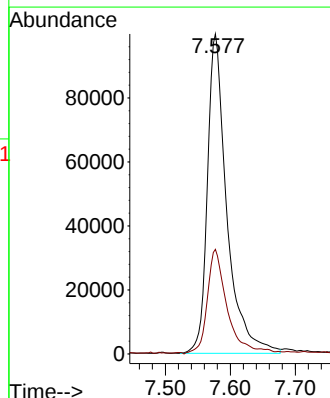
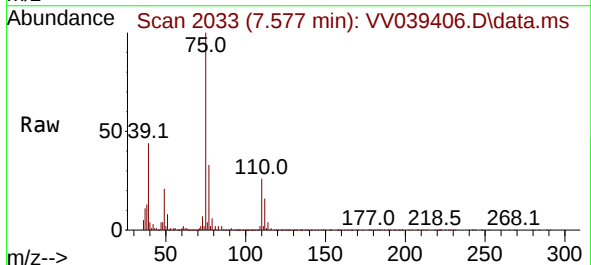
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

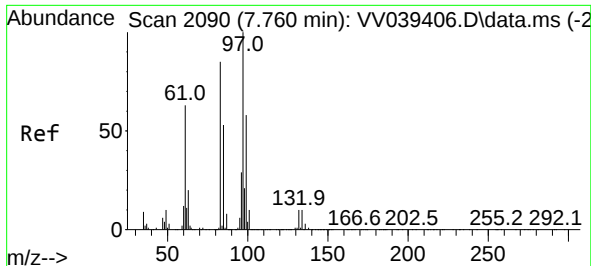
Tgt Ion: 91 Resp: 728191
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.044 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 75 Resp: 207620
Ion Ratio Lower Upper
75 100
77 32.7 22.9 42.5



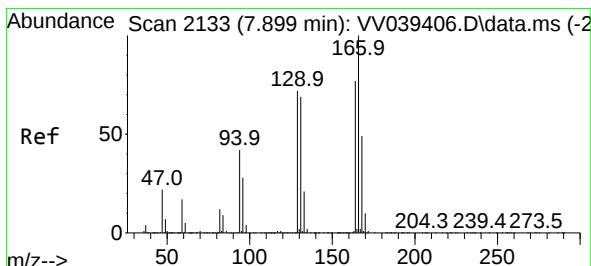
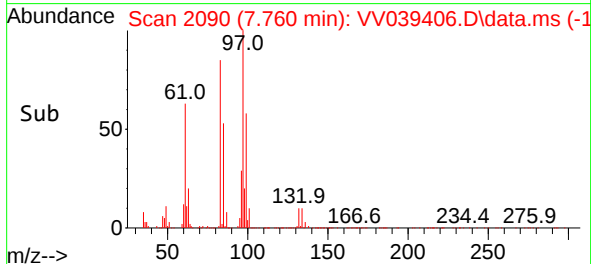
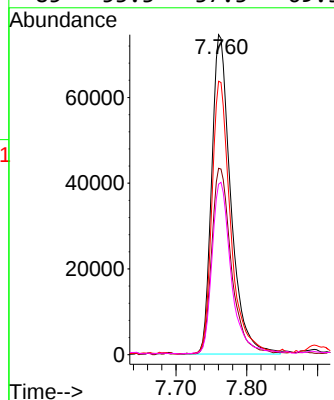
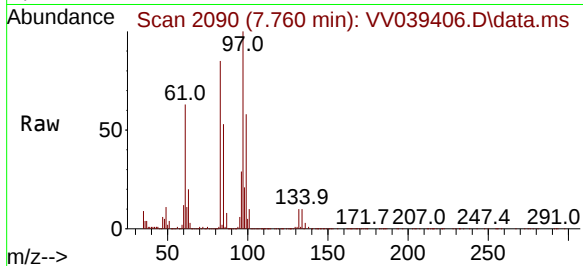


#45
 1,1,2-Trichloroethane
 Concen: 5.258 ug/L
 RT: 7.760 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

Instrument : MSVOA_V
 ClientSampleId : VSTD005262

Tgt Ion: 97 Resp: 139612

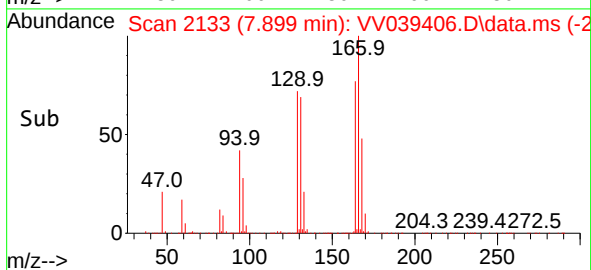
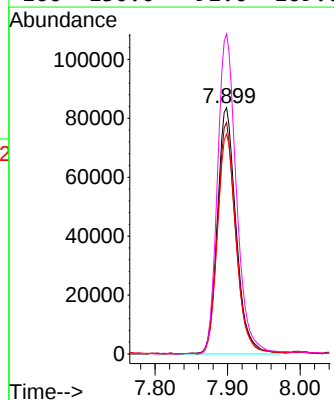
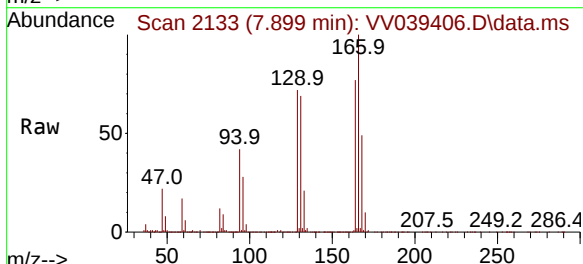
Ion	Ratio	Lower	Upper
97	100		
99	58.3	40.8	75.8
83	85.5	59.8	111.1
85	53.3	37.3	69.3

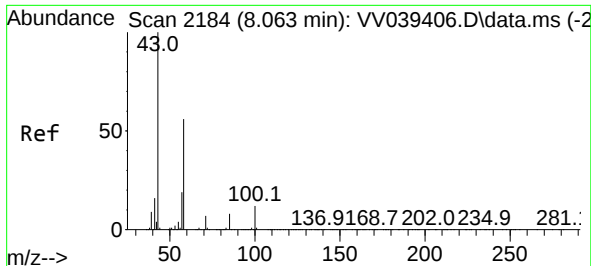


#47
 Tetrachloroethene
 Concen: 5.343 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

Tgt Ion: 164 Resp: 150074

Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.8	122.2
131	89.4	62.6	116.2
166	130.0	91.0	169.0



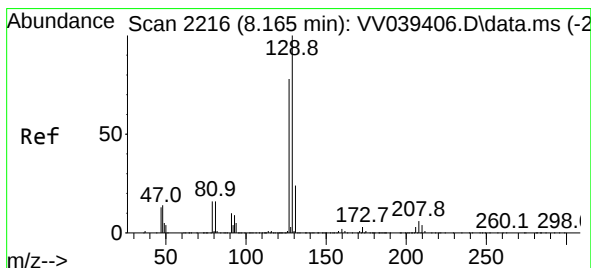
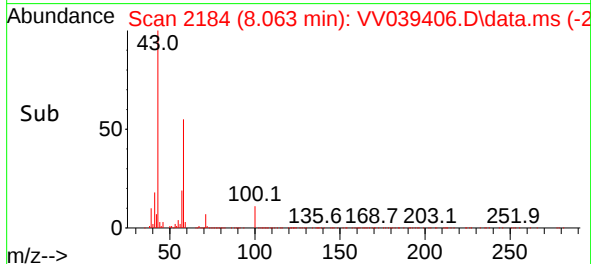
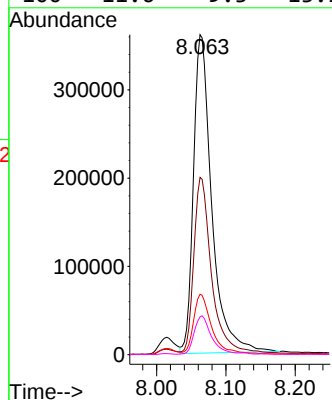
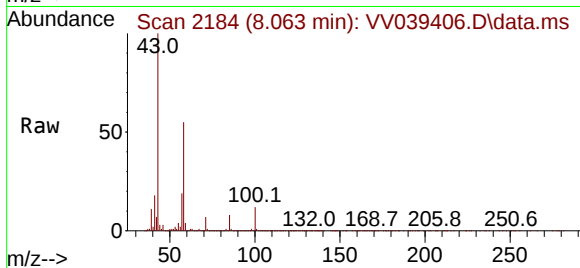


#48
2-Hexanone
Concen: 57.983 ug/L
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

Tgt Ion: 43 Resp: 665224

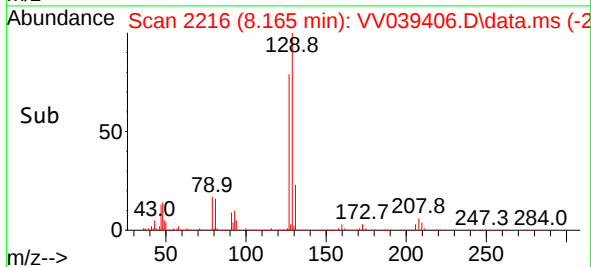
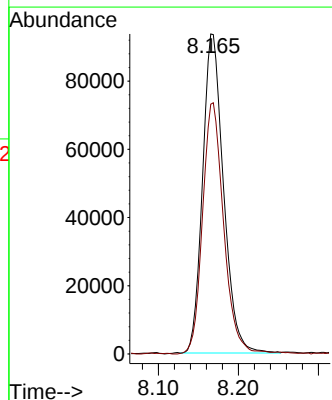
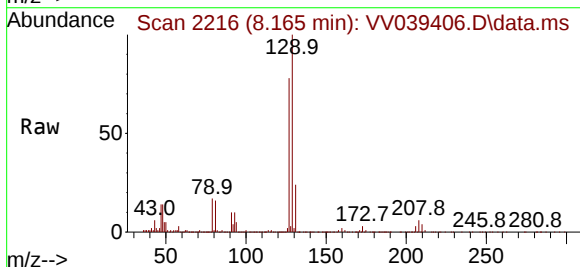
Ion	Ratio	Lower	Upper
43	100		
58	54.3	43.4	65.2
57	18.8	15.0	22.6
100	11.6	9.3	13.9

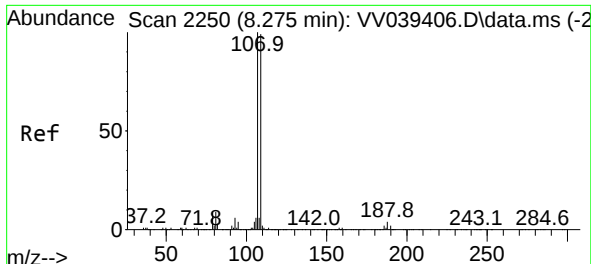


#49
Dibromochloromethane
Concen: 5.668 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 129 Resp: 170484

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.6	101.4





#50

1,2-Dibromoethane

Concen: 5.109 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

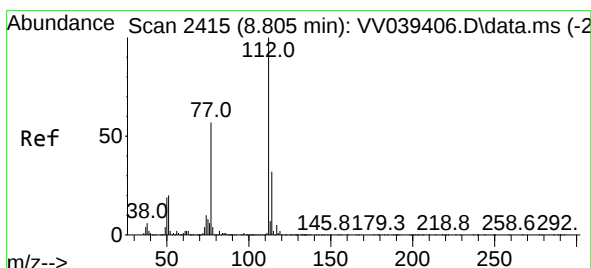
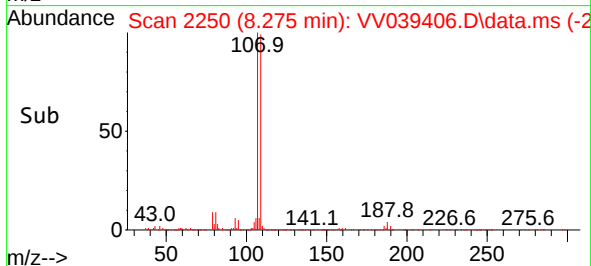
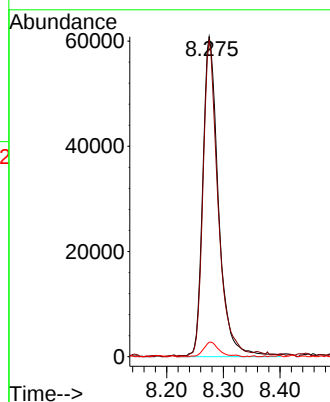
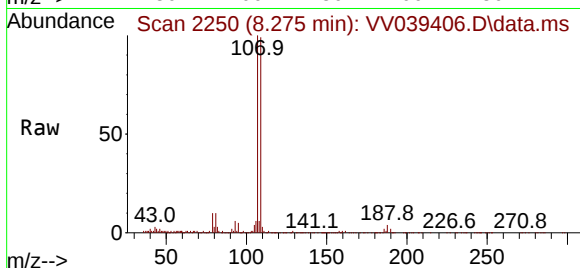
Tgt Ion:107 Resp: 117432

Ion Ratio Lower Upper

107 100

109 98.7 69.1 128.3

188 4.5 3.6 5.4



#51

Chlorobenzene

Concen: 5.227 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

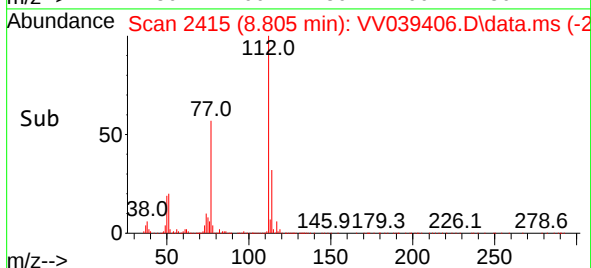
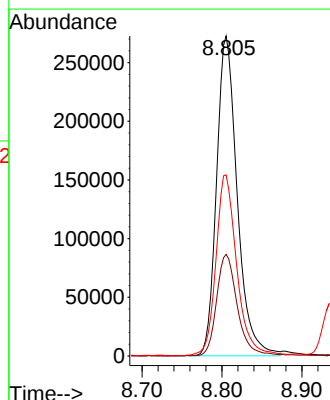
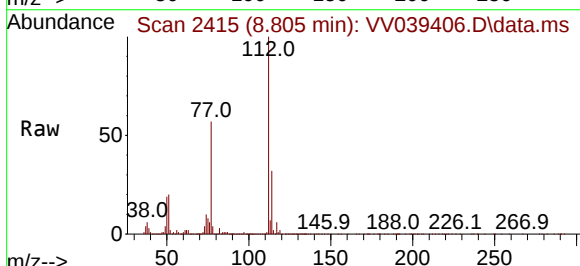
Tgt Ion:112 Resp: 488167

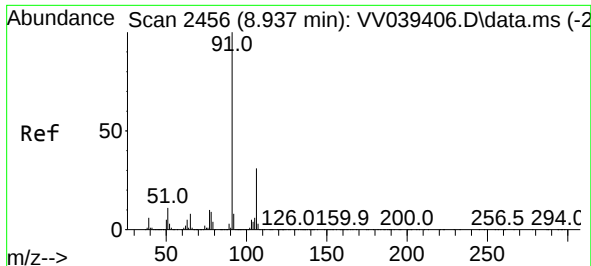
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 56.6 45.3 67.9

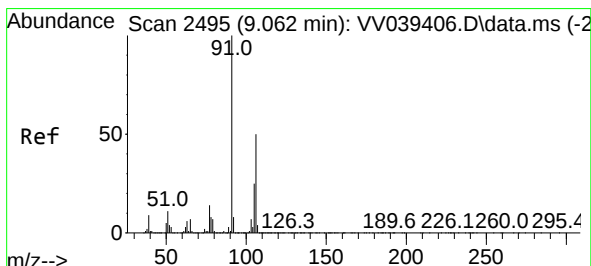
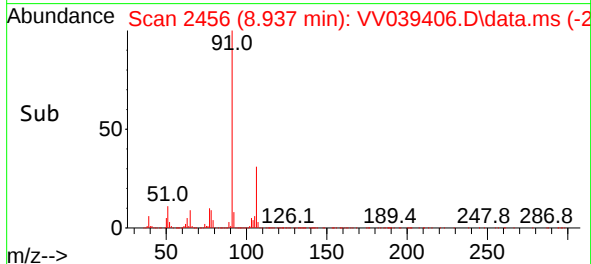
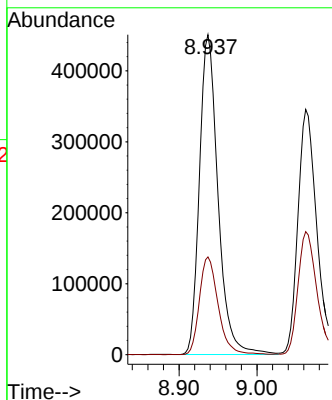
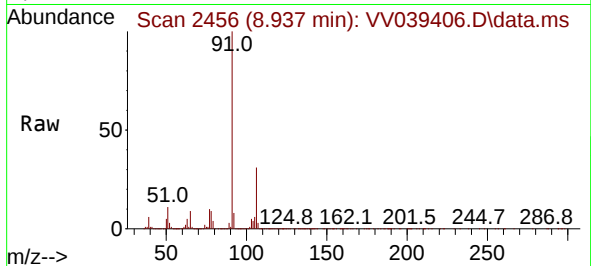




#52
Ethylbenzene
Concen: 5.130 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

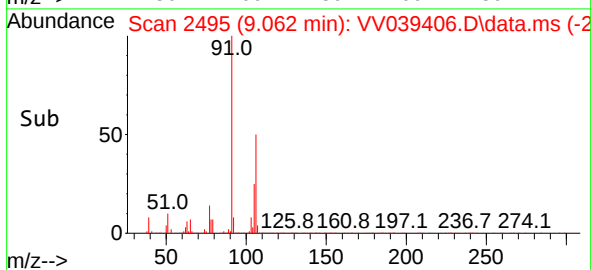
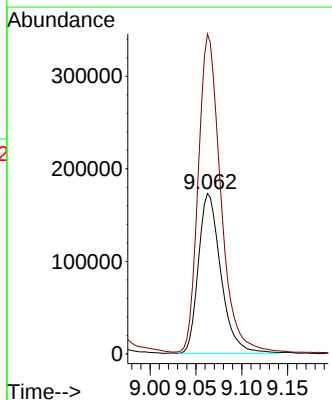
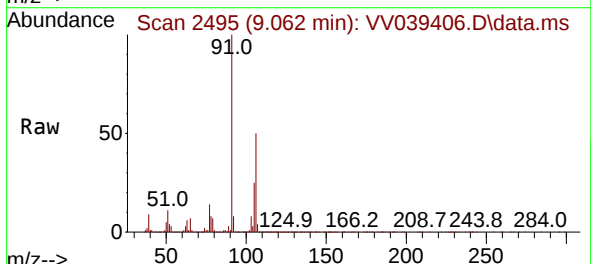
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

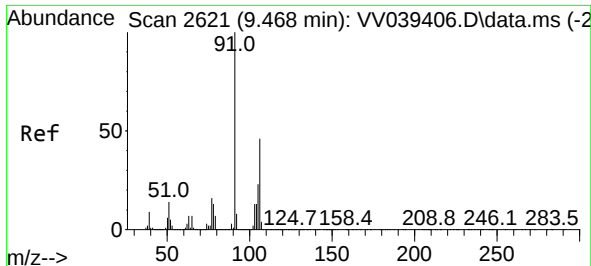
Tgt Ion: 91 Resp: 746643
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.331 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 106 Resp: 293892
Ion Ratio Lower Upper
106 100
91 199.4 139.6 259.2

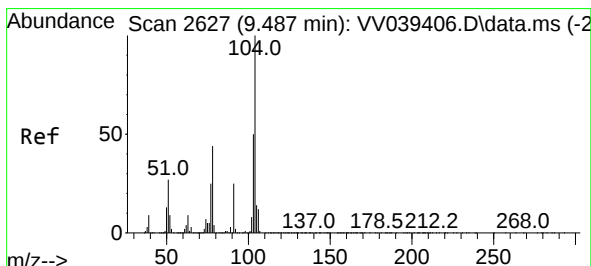
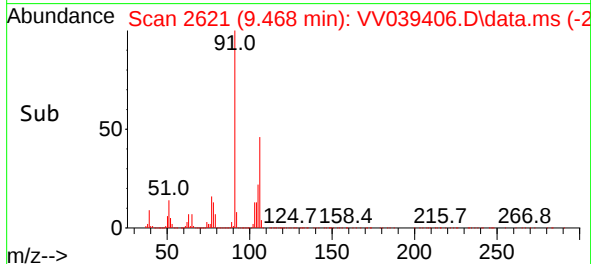
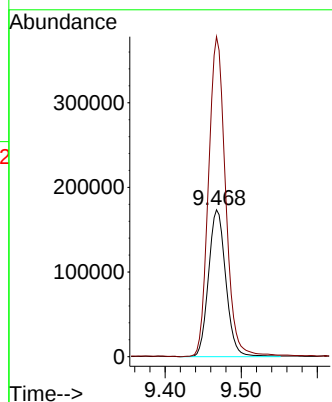
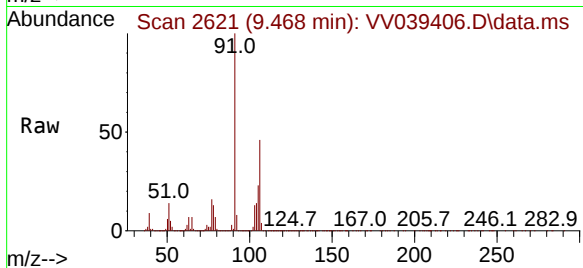




#54
o-Xylene
Concen: 5.243 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

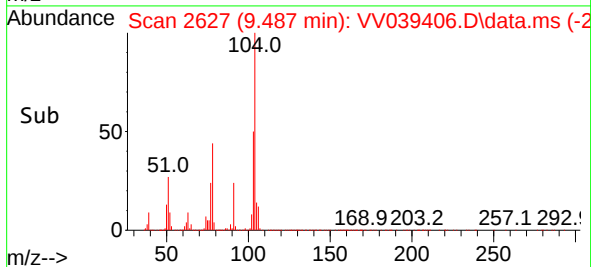
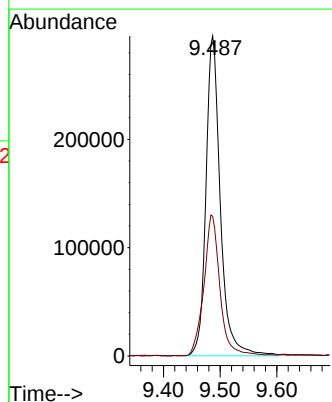
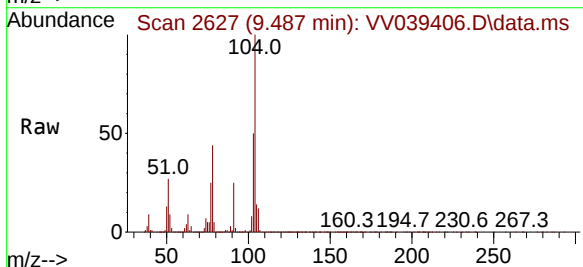
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

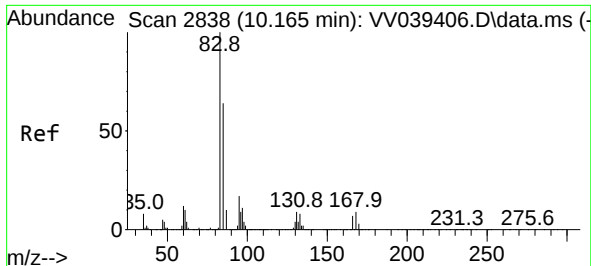
Tgt Ion:106 Resp: 274320
Ion Ratio Lower Upper
106 100
91 217.8 152.5 283.1



#55
Styrene
Concen: 5.792 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion:104 Resp: 522375
Ion Ratio Lower Upper
104 100
78 43.7 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.242 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

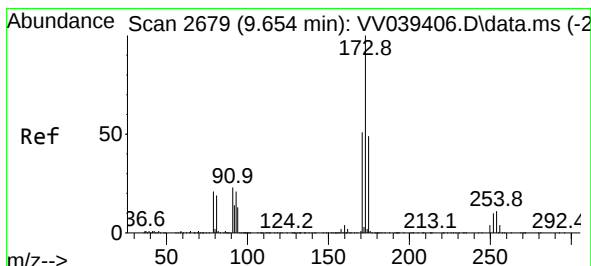
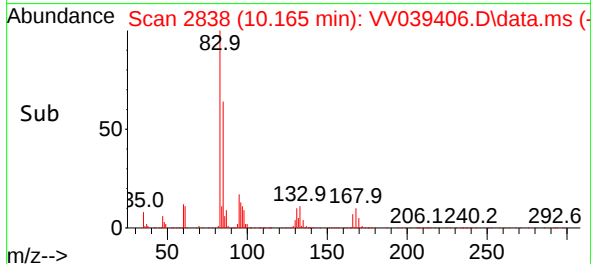
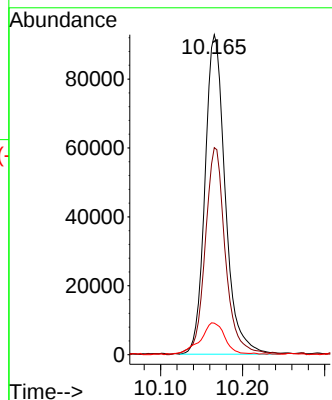
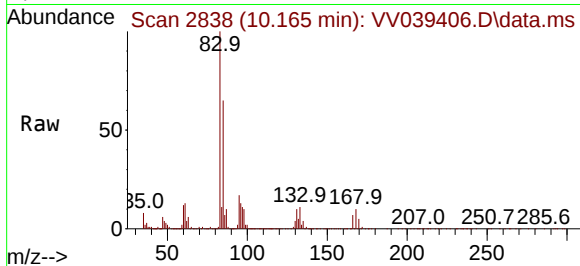
Tgt Ion: 83 Resp: 159548

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

131 9.8 7.8 11.8



#59

Bromoform

Concen: 4.991 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

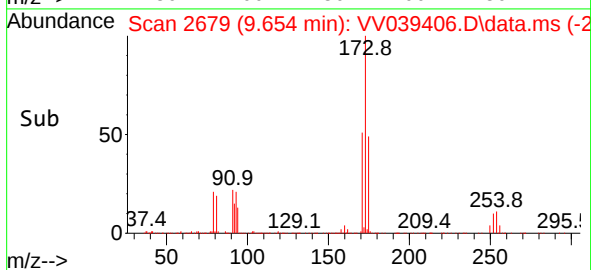
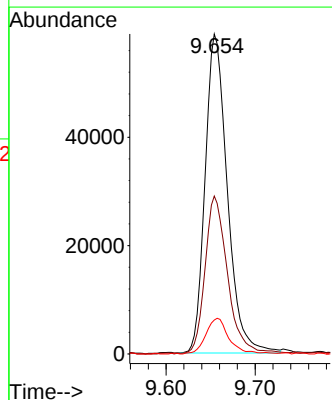
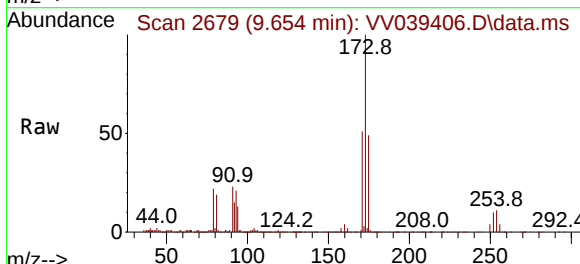
Tgt Ion: 173 Resp: 102116

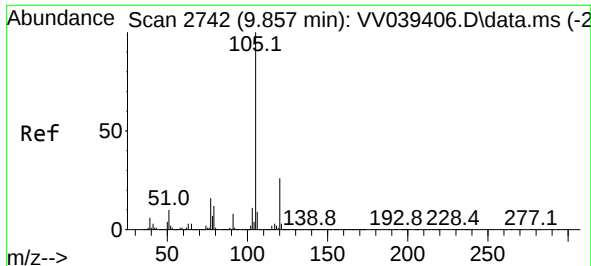
Ion Ratio Lower Upper

173 100

175 50.3 40.2 60.4

254 11.4 9.1 13.7

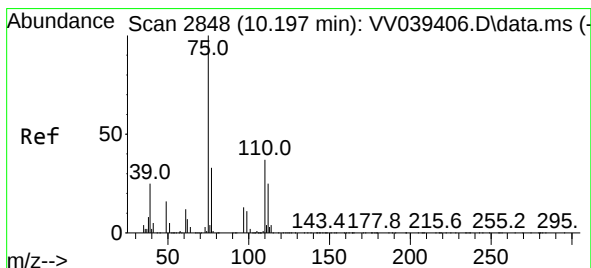
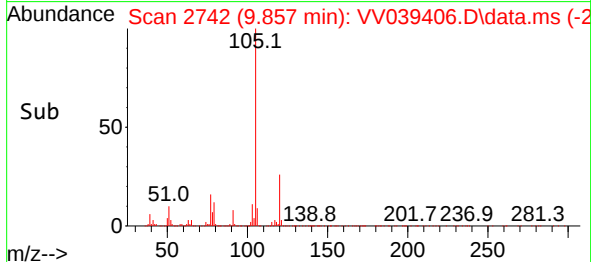
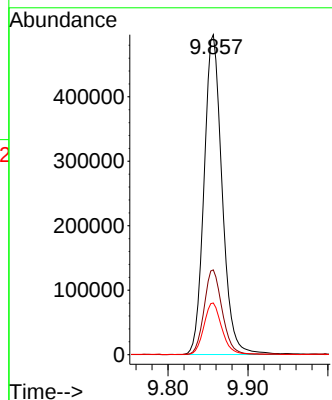
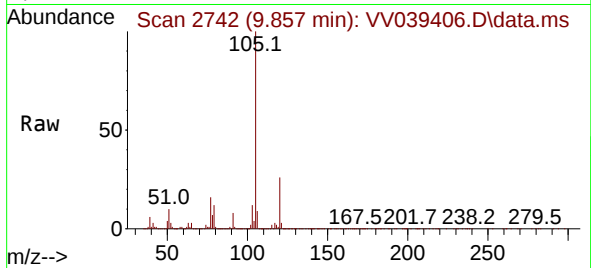




#60
Isopropylbenzene
Concen: 4.229 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

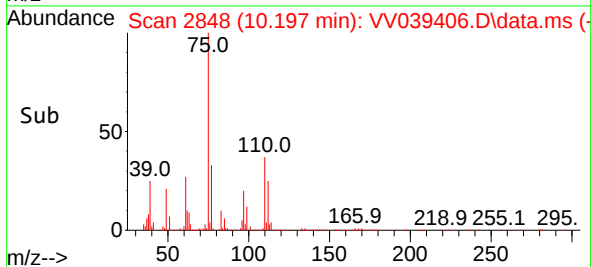
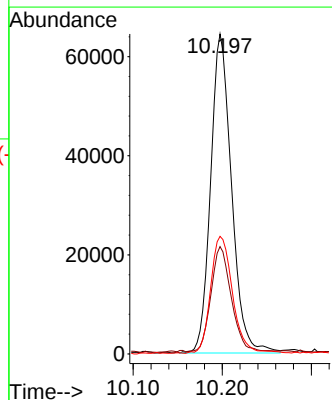
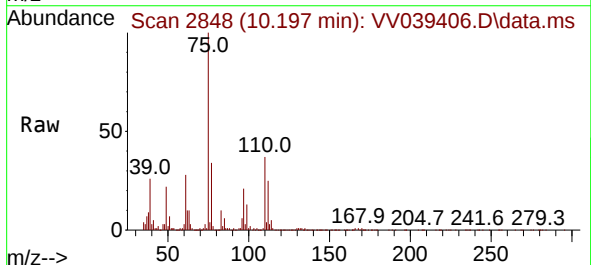
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

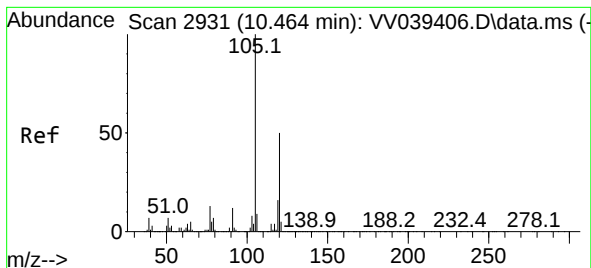
Tgt Ion:105 Resp: 780063
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 16.0 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 3.995 ug/L
RT: 10.197 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion: 75 Resp: 104766
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
110 38.5 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 3.974 ug/L

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

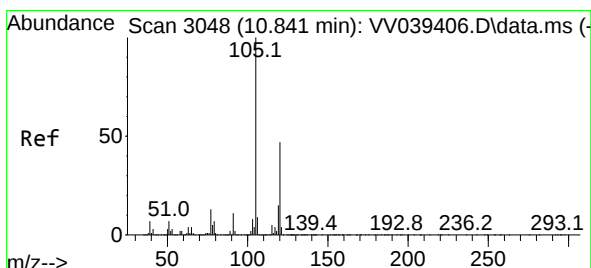
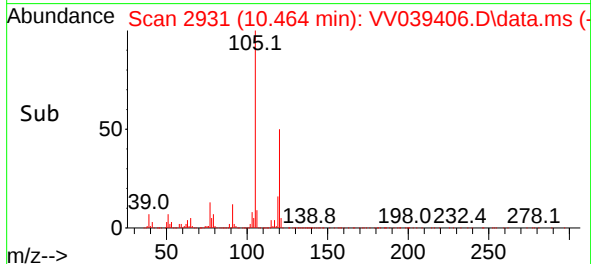
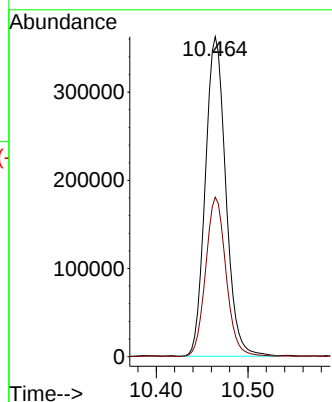
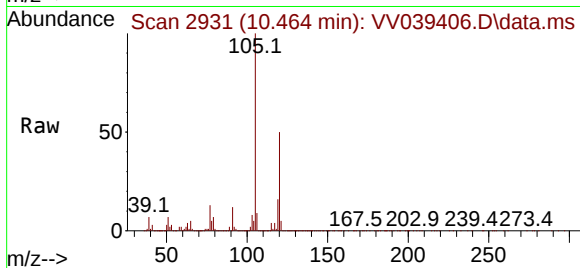
VSTD005262

Tgt Ion:105 Resp: 562772

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.146 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039406.D

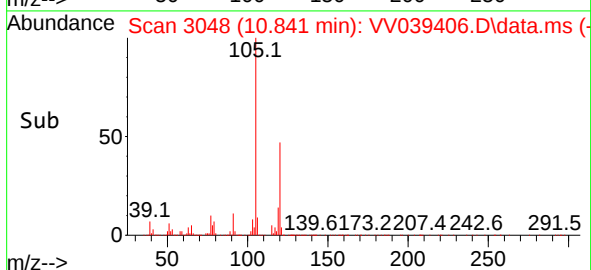
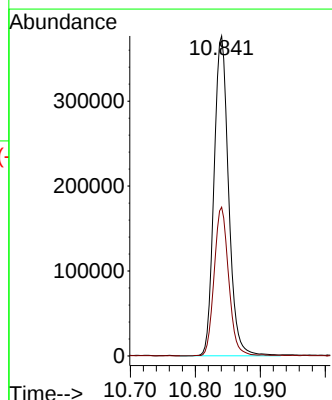
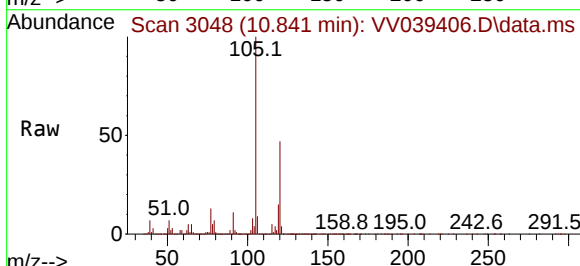
Acq: 19 Nov 2025 10:58

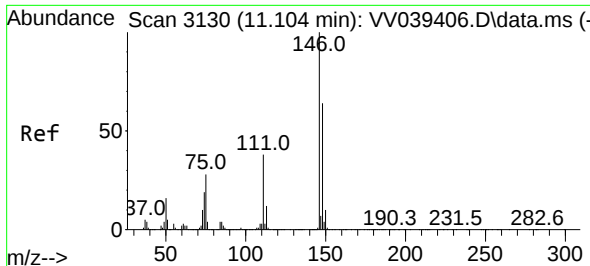
Tgt Ion:105 Resp: 587325

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2

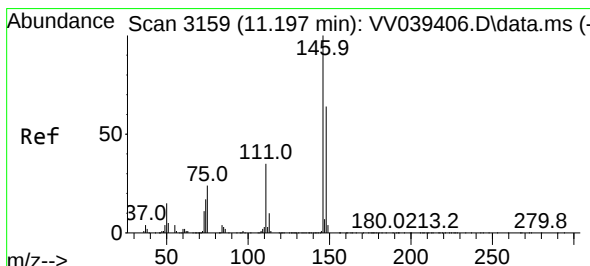
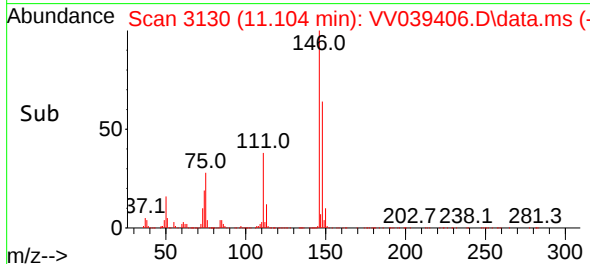
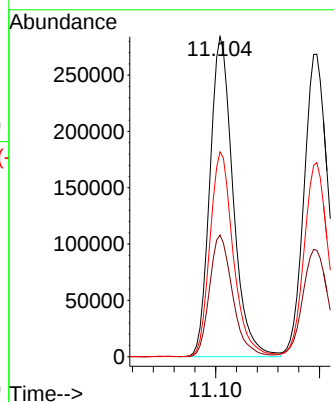
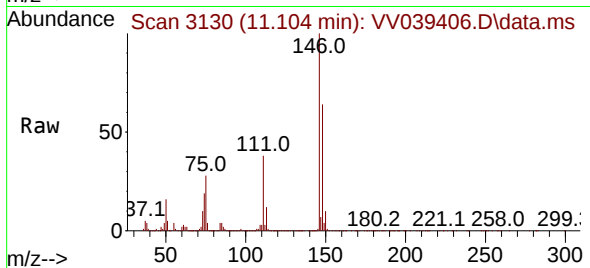




#64
1,3-Dichlorobenzene
Concen: 4.829 ug/L
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

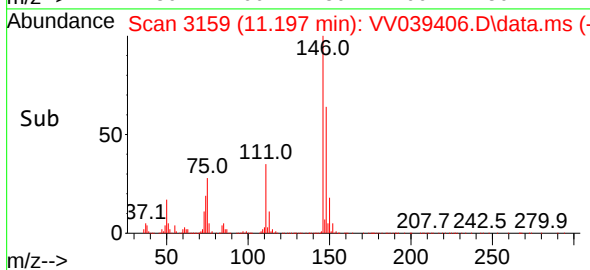
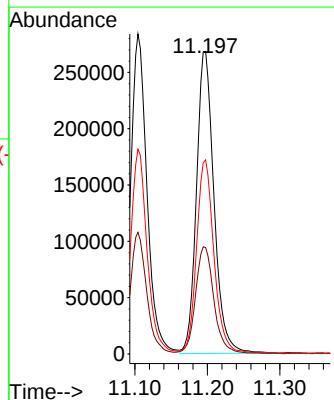
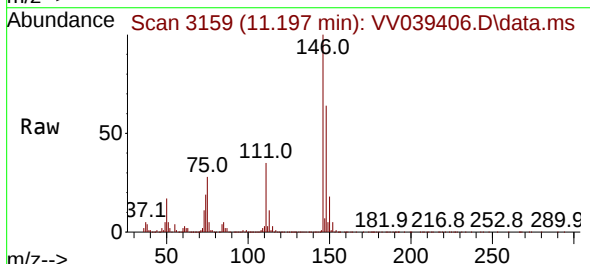
Instrument :
MSVOA_V
ClientSampleId :
VSTD005262

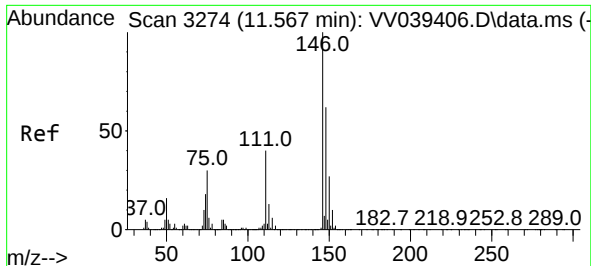
Tgt Ion:146 Resp: 440019
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 4.692 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039406.D
Acq: 19 Nov 2025 10:58

Tgt Ion:146 Resp: 449820
Ion Ratio Lower Upper
146 100
111 35.1 24.6 45.6
148 64.1 44.9 83.3

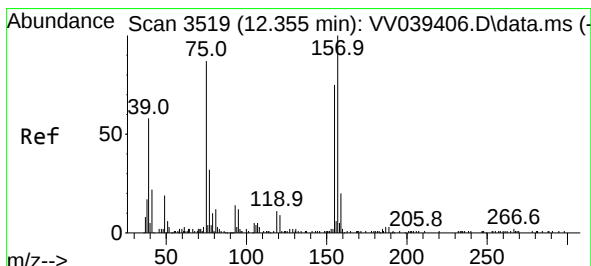
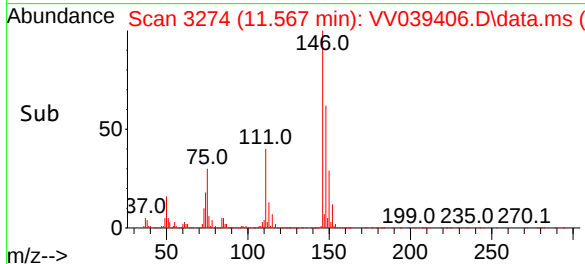
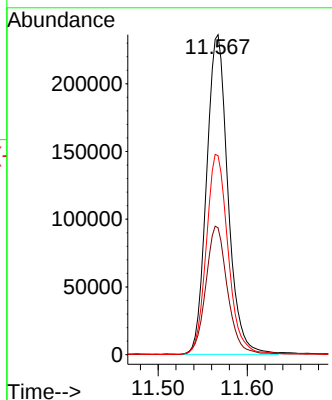
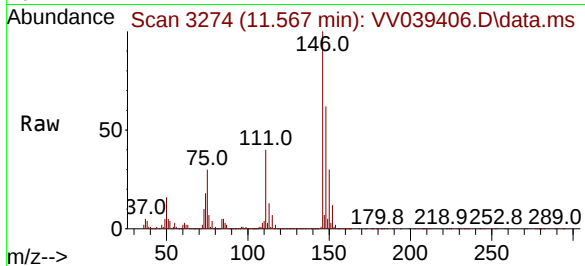




#67
 1,2-Dichlorobenzene
 Concen: 4.699 ug/L
 RT: 11.567 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

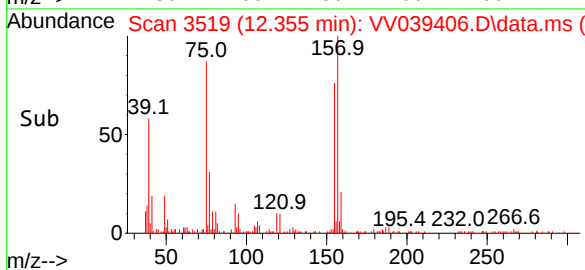
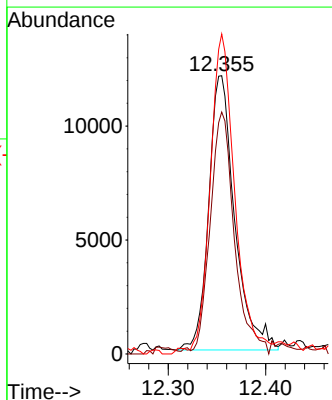
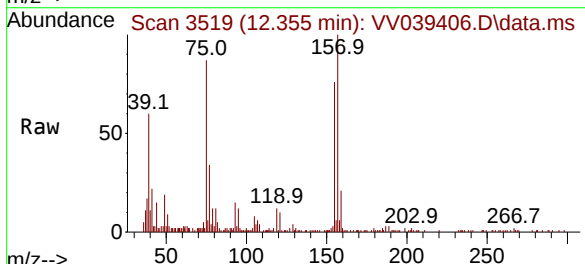
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005262

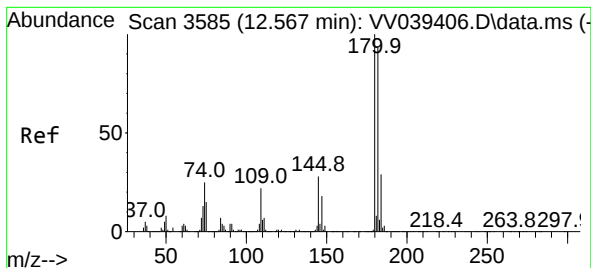
Tgt Ion:146 Resp: 392420
 Ion Ratio Lower Upper
 146 100
 111 39.6 31.7 47.5
 148 62.2 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.933 ug/L
 RT: 12.355 min Scan# 3519
 Delta R.T. 0.000 min
 Lab File: VV039406.D
 Acq: 19 Nov 2025 10:58

Tgt Ion: 75 Resp: 22361
 Ion Ratio Lower Upper
 75 100
 155 86.9 69.5 104.3
 157 115.0 92.0 138.0





#69

1,3,5-Trichlorobenzene

Concen: 5.076 ug/L

RT: 12.567 min Scan# 3585

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

Tgt Ion:180 Resp: 307913

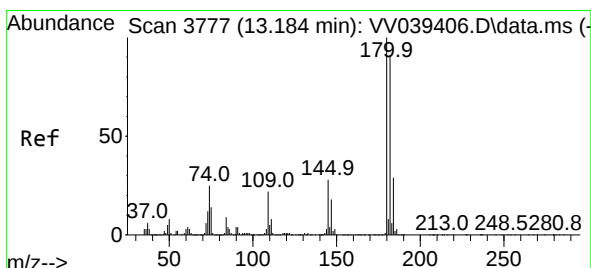
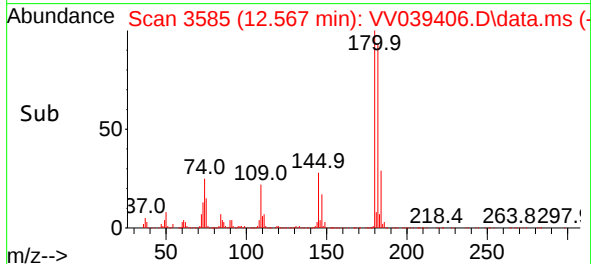
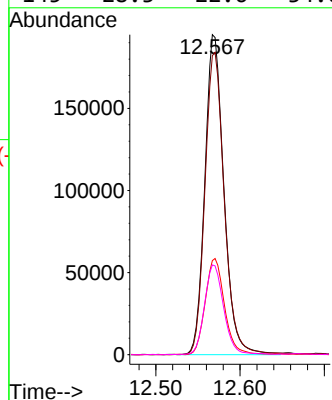
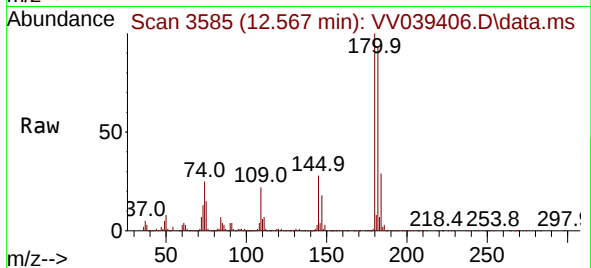
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 30.4 24.3 36.5

145 28.3 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.825 ug/L

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

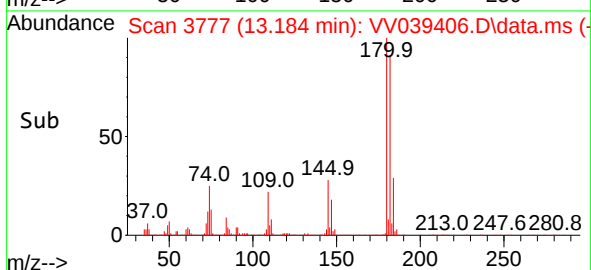
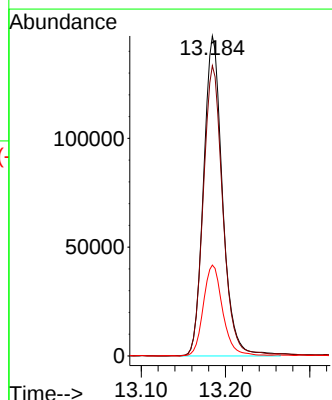
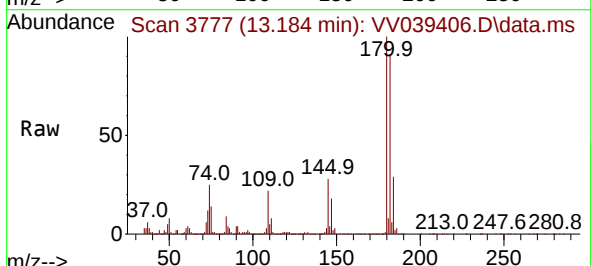
Tgt Ion:180 Resp: 230357

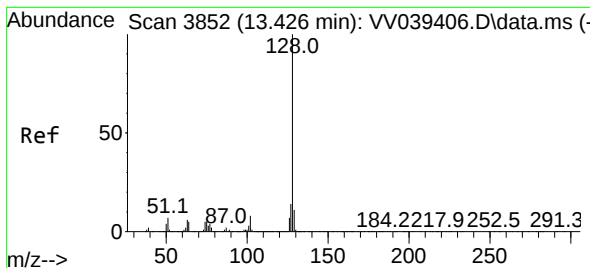
Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

145 29.1 23.3 34.9





#71

Naphthalene

Concen: 3.754 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD005262

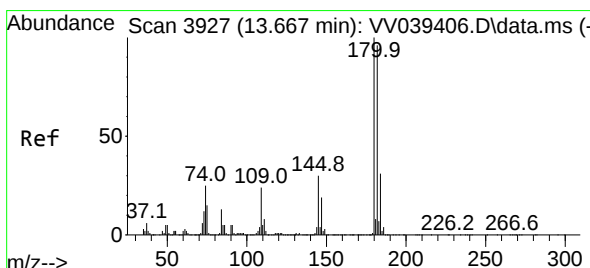
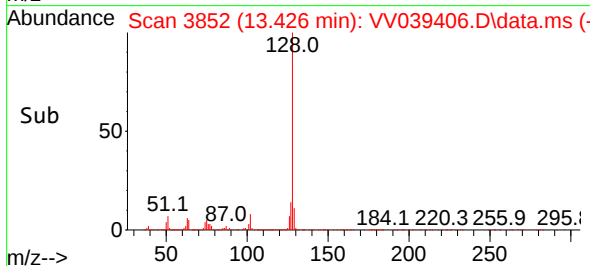
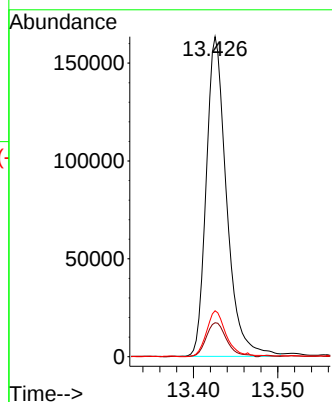
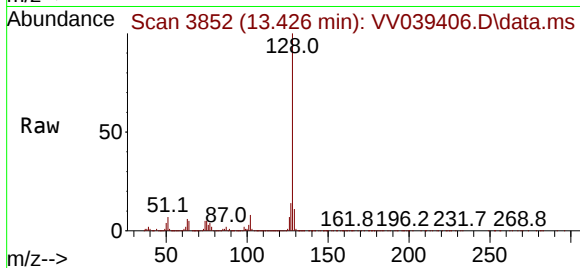
Tgt Ion:128 Resp: 274975

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 14.1 11.3 16.9



#72

1,2,3-Trichlorobenzene

Concen: 4.807 ug/L

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039406.D

Acq: 19 Nov 2025 10:58

Tgt Ion:180 Resp: 207847

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 30.7 24.6 36.8

