

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027746.D
 Acq On : 06 Sep 2022 16:48
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001232

Quant Time: Sep 07 05:17:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.597	114	178240	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	137316	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.249	152	65690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	11942	0.677	ug/L	0.00
7) Chloroethane-d5	1.558	69	9993	0.670	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	24002	0.670	ug/L	0.00
20) 2-Butanone-d5	3.966	46	26750	8.250	ug/L	0.02
24) Chloroform-d	4.355	84	24553	0.677	ug/L	0.02
26) 1,2-Dichloroethane-d4	5.031	65	13508	0.815	ug/L	0.00
32) Benzene-d6	5.037	84	43236	0.801	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	14388	0.849	ug/L	0.00
41) Toluene-d8	7.336	98	32529	0.703	ug/L	0.03
43) trans-1,3-Dichloroprop...	7.651	79	3838	0.750	ug/L	0.03
46) 2-Hexanone-d5	8.121	63	11966	6.235	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.220	84	8114	0.763	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11478	0.807	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	16205	0.715	ug/L	99
3) Chloromethane	1.230	50	15337	0.712	ug/L	99
5) Vinyl chloride	1.301	62	15041	0.727	ug/L	98
6) Bromomethane	1.513	94	8358	0.844	ug/L	98
8) Chloroethane	1.577	64	8488	0.725	ug/L	91
9) Trichlorofluoromethane	1.745	101	23512	0.818	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	11879	0.765	ug/L	98
12) 1,1-Dichloroethene	2.108	96	10862	0.754	ug/L	93
13) Acetone	2.230	43	8126	3.717	ug/L	77
14) Carbon disulfide	2.282	76	32082	0.710	ug/L	100
15) Methyl Acetate	2.452	43	3504	0.590	ug/L #	90
16) Methylene chloride	2.500	84	12831	0.725	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	27651	0.883	ug/L	96
18) trans-1,2-Dichloroethene	2.748	96	11966	0.750	ug/L	99
19) 1,1-Dichloroethane	3.192	63	22308	0.715	ug/L	97
21) 2-Butanone	4.047	43	25851	8.677	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	13234	0.810	ug/L #	95
23) Bromochloromethane	4.256	128	5317	0.752	ug/L	93
25) Chloroform	4.381	83	24461	0.738	ug/L	96
27) 1,2-Dichloroethane	5.127	62	15542	0.838	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	23157	0.980	ug/L	97
30) Cyclohexane	4.661	56	17289	0.868	ug/L	93
31) Carbon tetrachloride	4.815	117	18233	0.903	ug/L	97
33) Benzene	5.085	78	47207	0.905	ug/L	100
34) Trichloroethene	5.892	95	11129	0.848	ug/L	95
35) Methylcyclohexane	6.108	83	18351	0.902	ug/L	90
37) 1,2-Dichloropropane	6.172	63	10327	0.776	ug/L	98
38) Bromodichloromethane	6.510	83	14124	0.839	ug/L	99
39) cis-1,3-Dichloropropene	7.053	75	12924	0.808	ug/L	98
40) 4-Methyl-2-pentanone	7.269	43	42570	7.394	ug/L	99
42) Toluene	7.407	91	39546	0.764	ug/L	97
44) trans-1,3-Dichloropropene	7.674	75	9968	0.764	ug/L	100

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 ALS Vial : 10 Sample Multiplier: 1

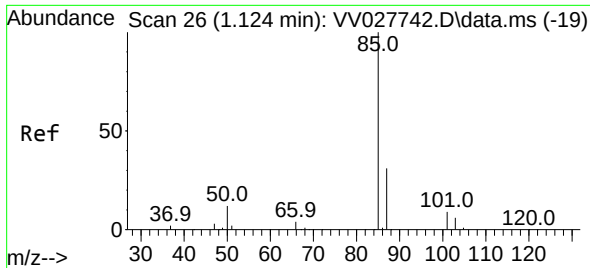
Instrument :
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 ClientSampleId :
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Quant Time: Sep 07 05:17:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.860	97	7156	0.847	ug/L	98
47) Tetrachloroethene	7.989	164	8965	0.857	ug/L	93
48) 2-Hexanone	8.172	43	29578	6.846	ug/L	99
49) Dibromochloromethane	8.262	129	8673	0.860	ug/L	98
50) 1,2-Dibromoethane	8.371	107	6261	0.824	ug/L #	96
51) Chlorobenzene	8.892	112	26926	0.818	ug/L	97
52) Ethylbenzene	9.021	91	40086	0.758	ug/L	98
53) m,p-Xylene	9.146	106	15562	0.762	ug/L	95
54) o-Xylene	9.548	106	15336	0.786	ug/L	97
55) Styrene	9.567	104	25647	0.773	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.246	83	8140	0.877	ug/L	99
59) Bromoform	9.738	173	4144	0.902	ug/L	100
60) Isopropylbenzene	9.934	105	39298	0.803	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	5648	0.885	ug/L	92
62) 1,3,5-Trimethylbenzene	10.542	105	11771	0.869	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	30416	0.791	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	21476	0.914	ug/L	92
65) 1,4-Dichlorobenzene	11.275	146	21084	0.898	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	18604	0.879	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	1162	0.906	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.645	180	15550	0.910	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	12029	0.947	ug/L	97
71) Naphthalene	13.503	128	19897	0.997	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	10477	0.914	ug/L	97

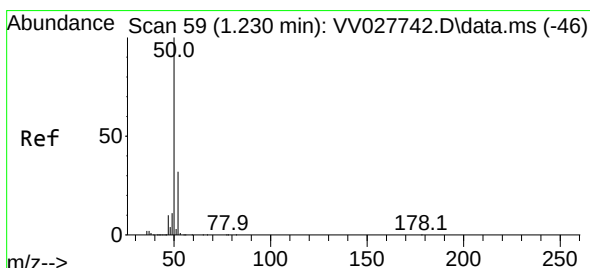
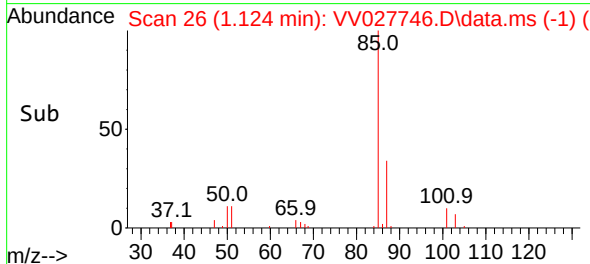
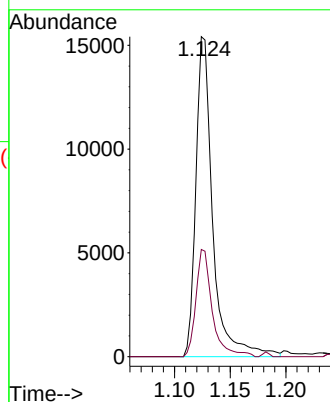
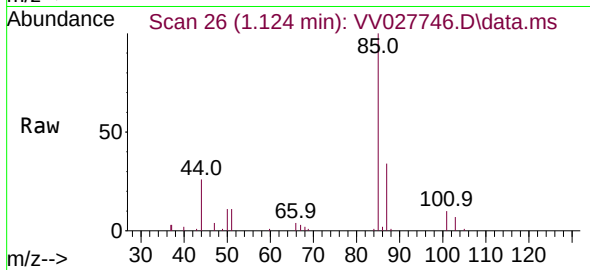
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.715 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

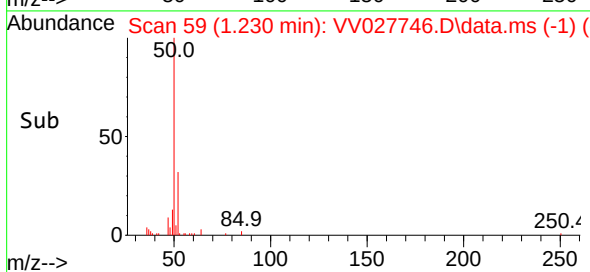
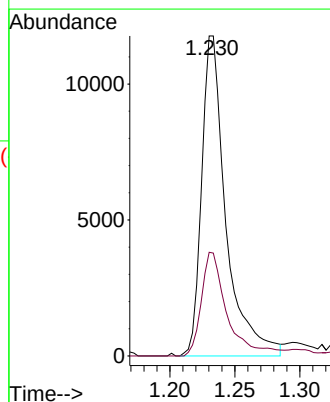
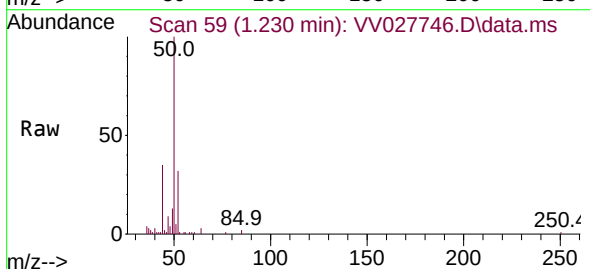
Instrument :
 MSVOA_V
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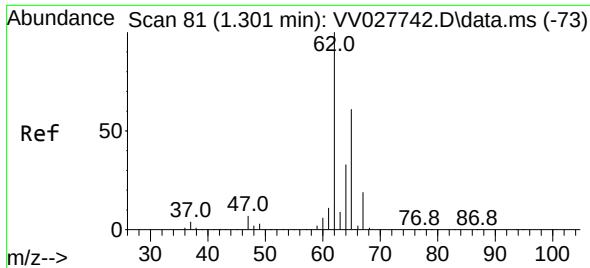
Tgt Ion: 85 Resp: 16205
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0



#3
 Chloromethane
 Concen: 0.712 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

Tgt Ion: 50 Resp: 15337
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.1 41.1

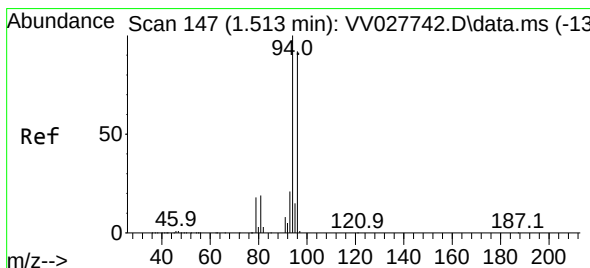
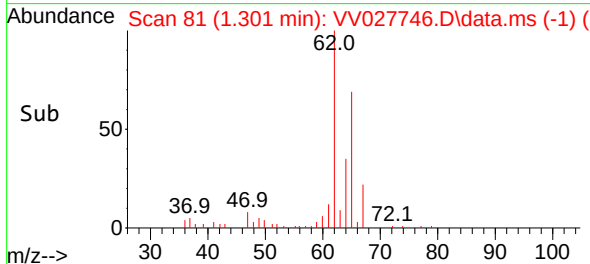
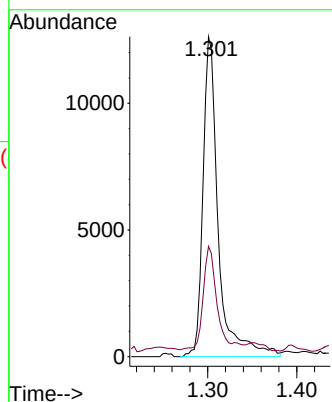
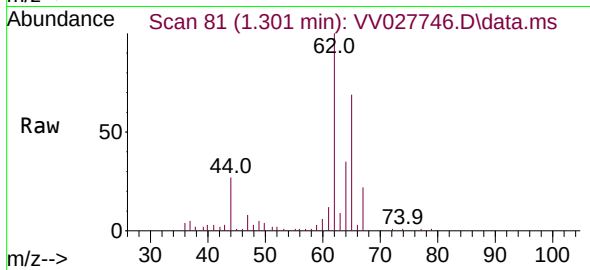




#5
 Vinyl chloride
 Concen: 0.727 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

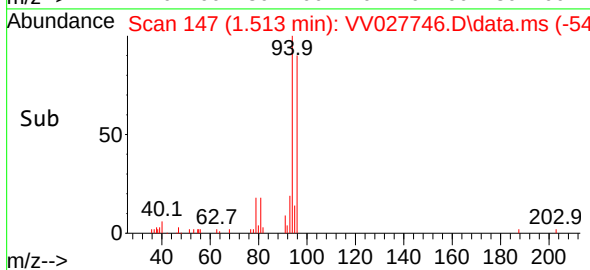
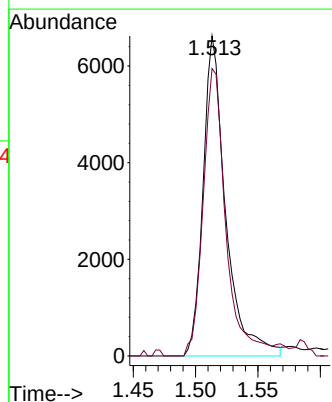
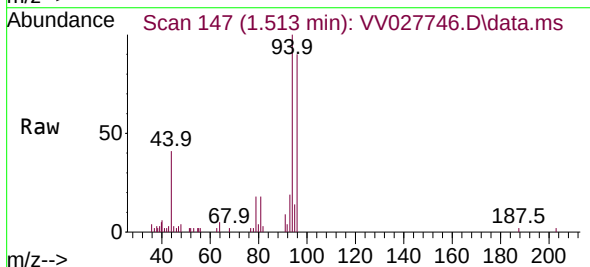
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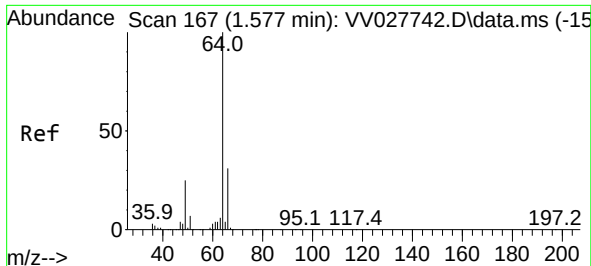
Tgt Ion: 62 Resp: 15041
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.2



#6
 Bromomethane
 Concen: 0.844 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

Tgt Ion: 94 Resp: 8358
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.2 119.2

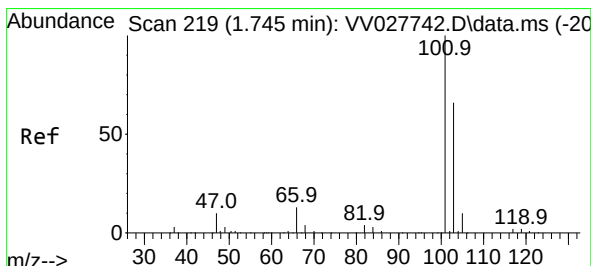
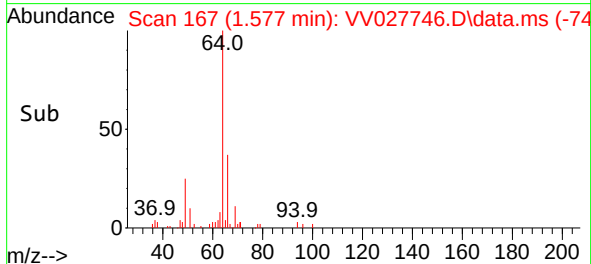
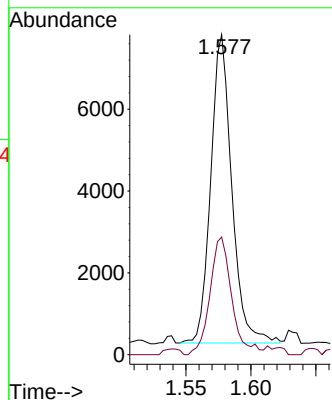
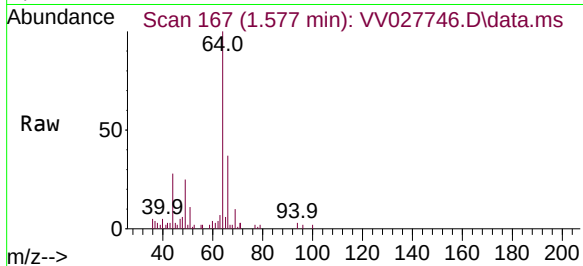




#8
Chloroethane
Concen: 0.725 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

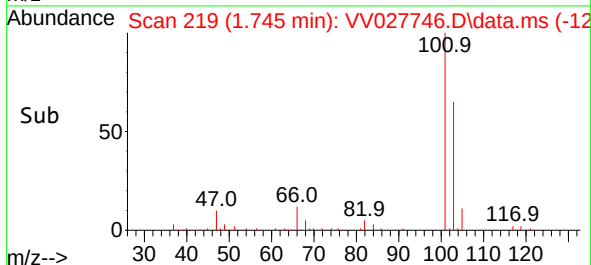
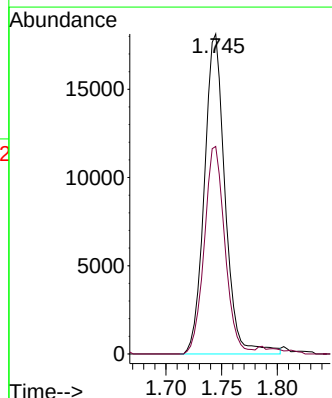
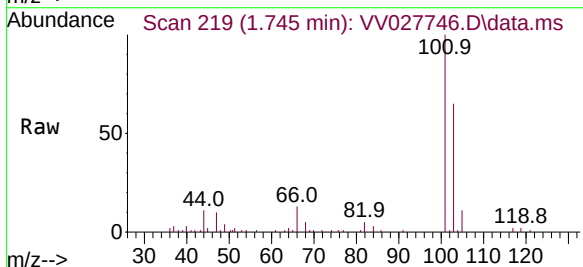
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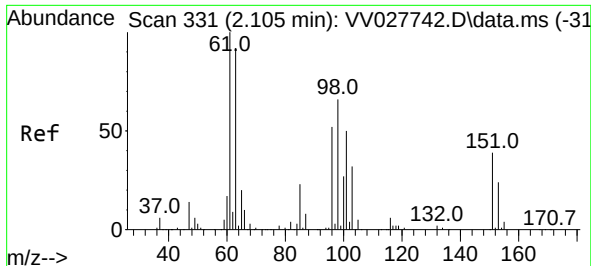
Tgt Ion: 64 Resp: 8488
Ion Ratio Lower Upper
64 100
66 36.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.818 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion:101 Resp: 23512
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

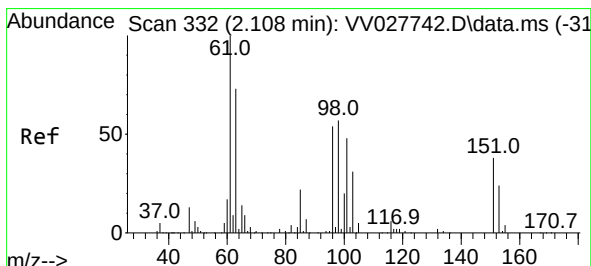
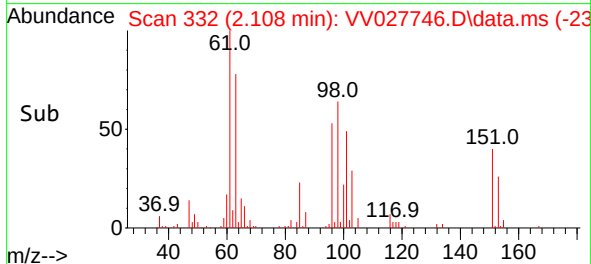
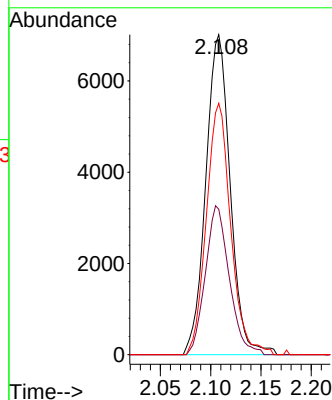
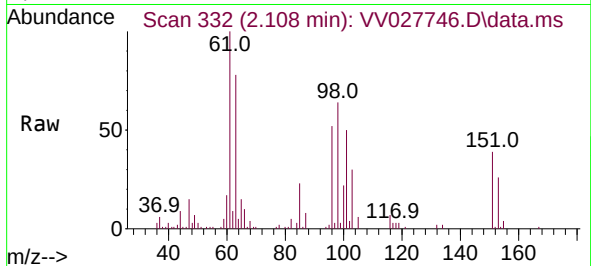




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.765 ug/L
RT: 2.108 min Scan# 331
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

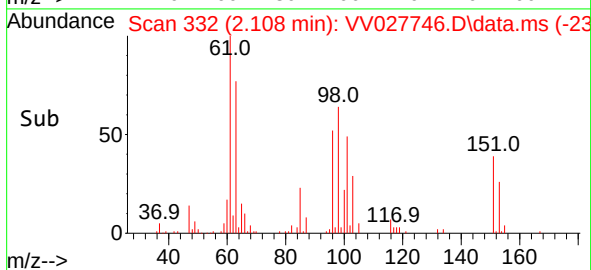
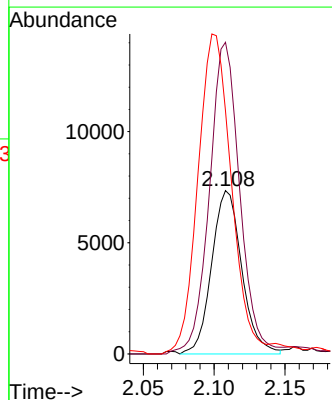
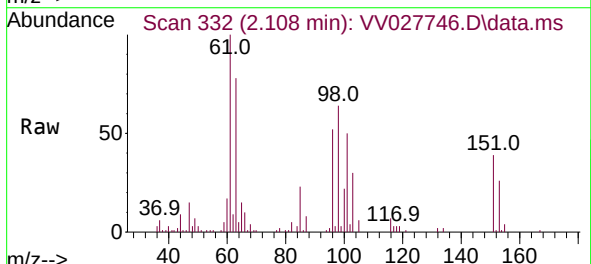
Instrument :
MSVOA_V
ClientSampleId :
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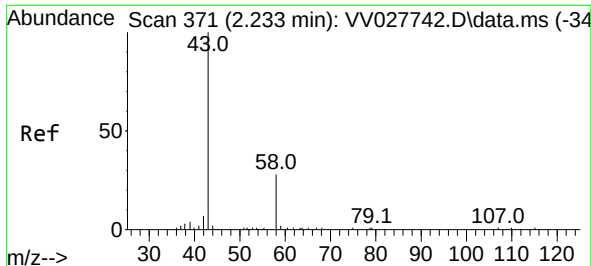
Tgt Ion:101 Resp: 11879
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.8
151 78.3 61.2 91.8



#12
1,1-Dichloroethene
Concen: 0.754 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 96 Resp: 10862
Ion Ratio Lower Upper
96 100
61 190.9 129.9 241.3
63 148.9 94.6 175.8





#13

Acetone

Concen: 3.717 ug/L

RT: 2.230 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

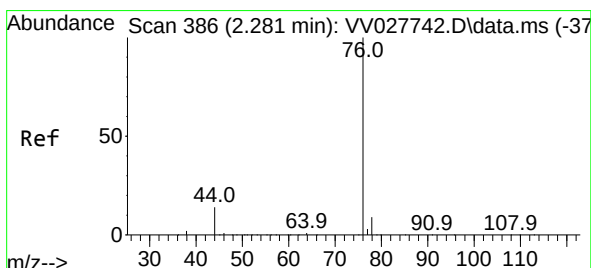
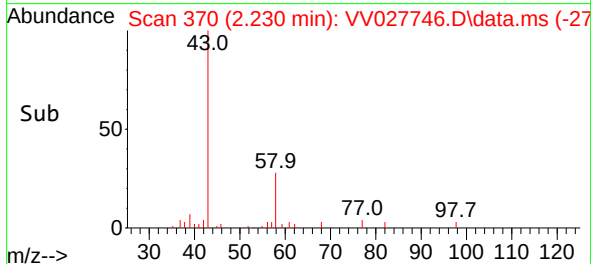
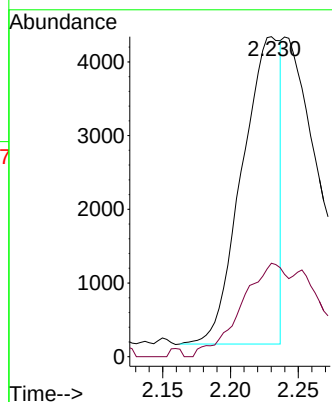
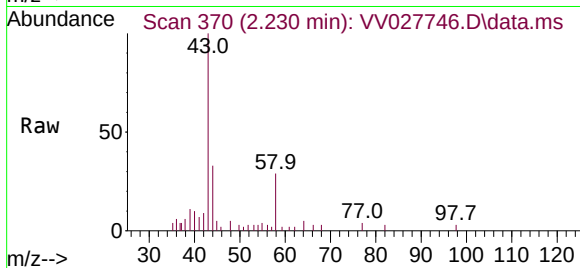
VSTD001232

Tgt Ion: 43 Resp: 8126

Ion Ratio Lower Upper

43 100

58 36.3 0.0 49.4



#14

Carbon disulfide

Concen: 0.710 ug/L

RT: 2.282 min Scan# 386

Delta R.T. 0.000 min

Lab File: VV027746.D

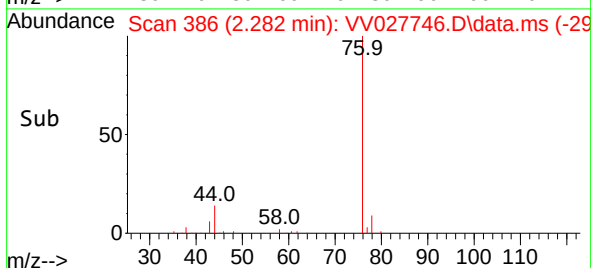
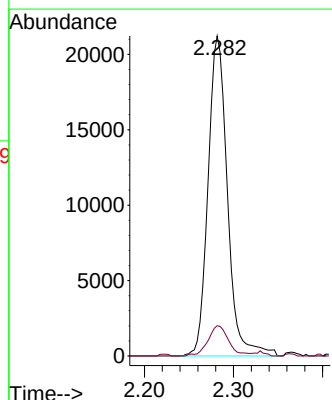
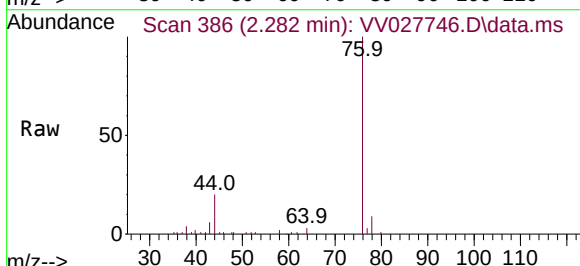
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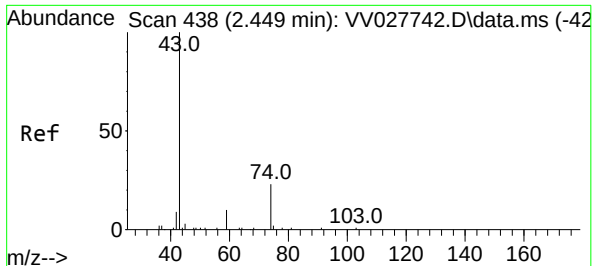
Tgt Ion: 76 Resp: 32082

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

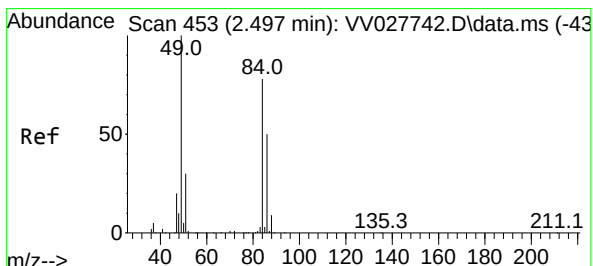
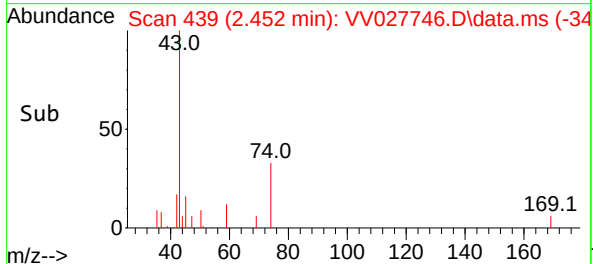
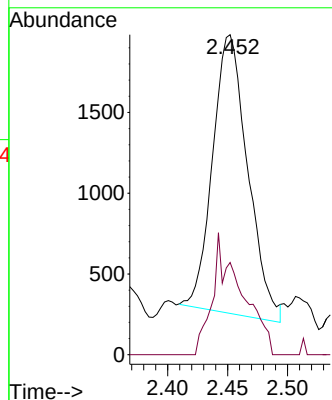
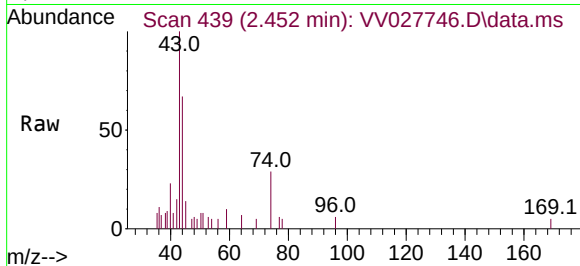




#15
Methyl Acetate
Concen: 0.590 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

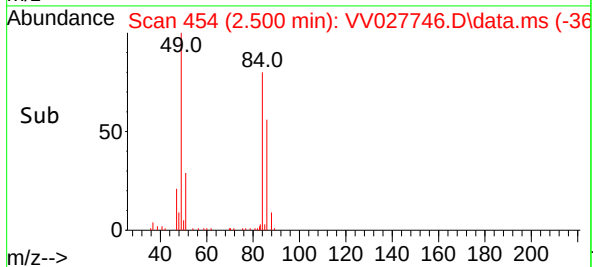
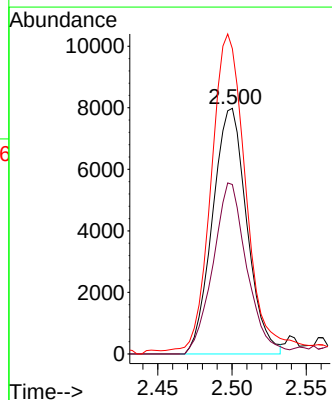
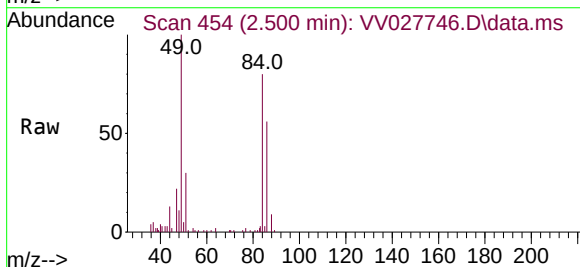
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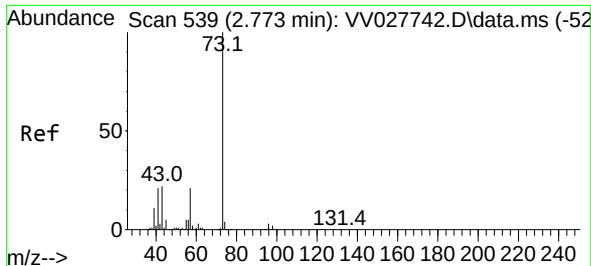
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Ion Ratio Lower Upper
43 100
74 16.1 16.6 25.0#



#16
Methylene chloride
Concen: 0.725 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 84 Resp: 12831
Ion Ratio Lower Upper
84 100
86 69.0 44.9 83.3
49 124.3 90.1 167.3

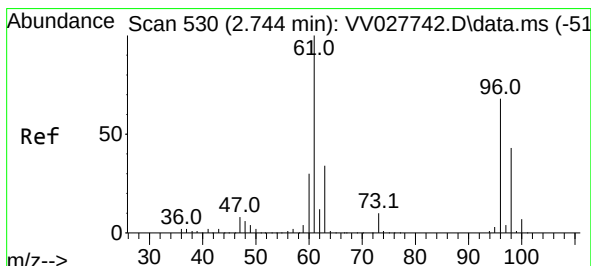
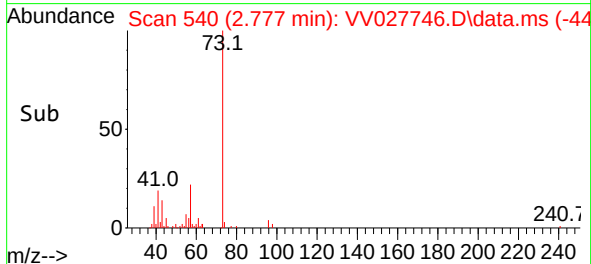
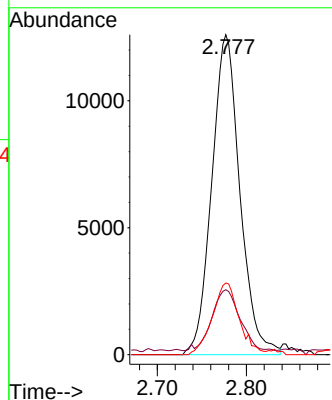
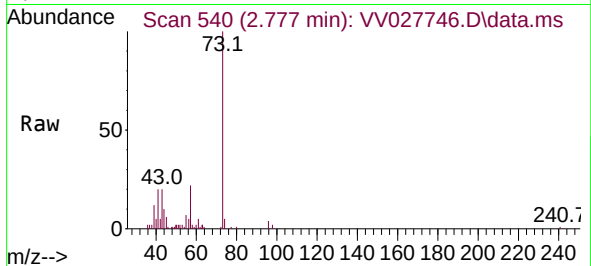




#17
Methyl tert-butyl Ether
Concen: 0.883 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

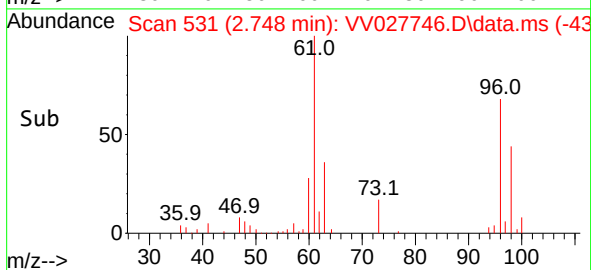
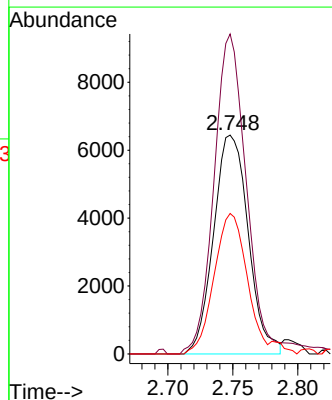
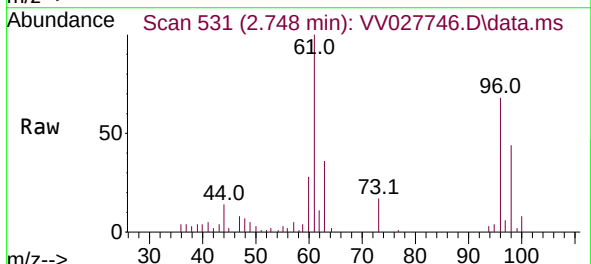
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

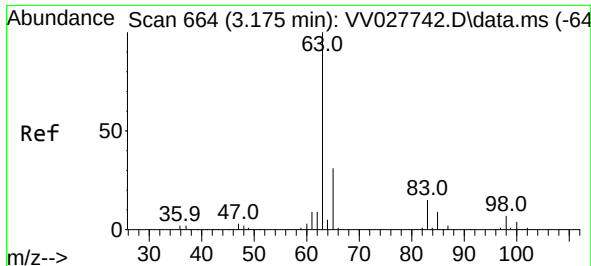
Tgt Ion: 73 Resp: 27651
Ion Ratio Lower Upper
73 100
43 18.6 17.5 26.3
57 21.5 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.750 ug/L
RT: 2.748 min Scan# 531
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 96 Resp: 11966
Ion Ratio Lower Upper
96 100
61 146.2 102.6 190.5
98 64.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.715 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.016 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

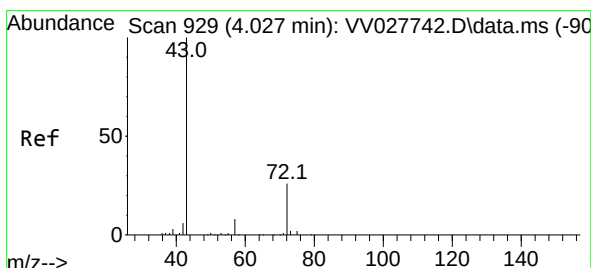
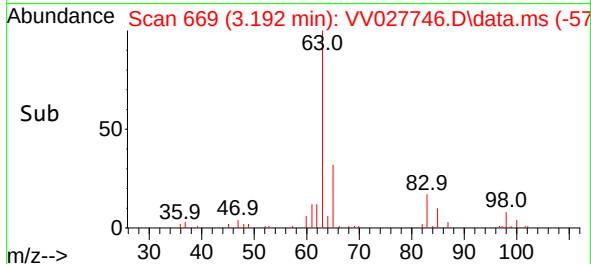
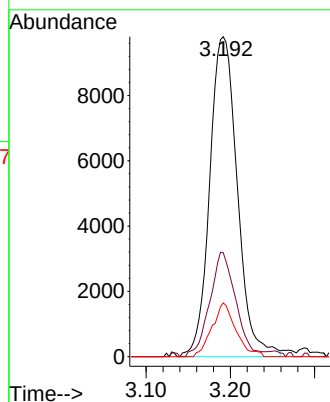
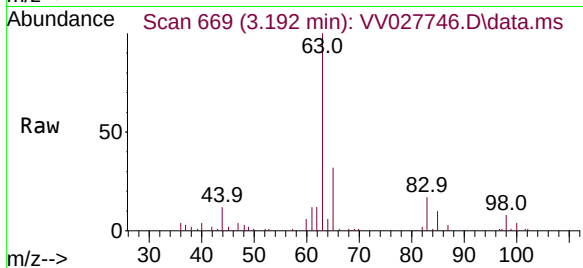
Tgt Ion: 63 Resp: 22308

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 16.8 10.1 18.9



#21

2-Butanone

Concen: 8.677 ug/L

RT: 4.047 min Scan# 935

Delta R.T. 0.019 min

Lab File: VV027746.D

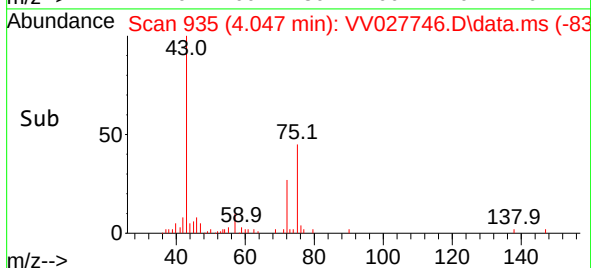
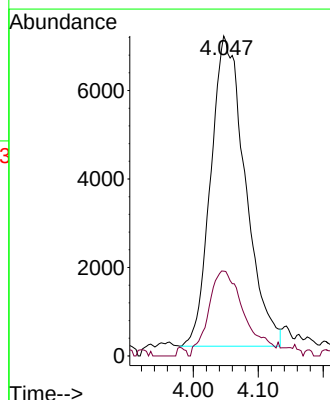
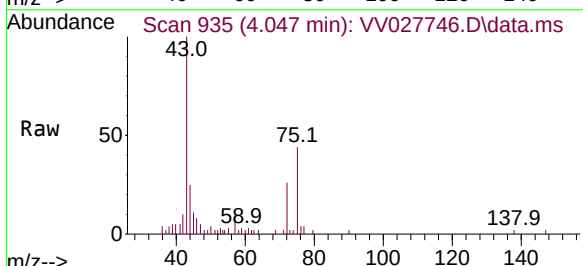
Acq: 06 Sep 2022 16:48

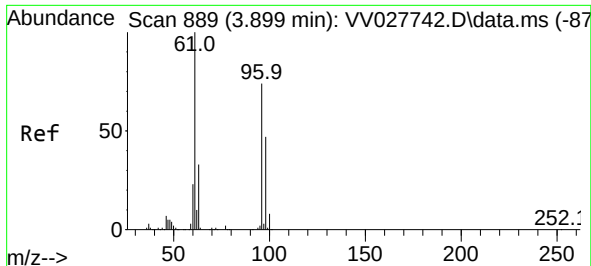
Tgt Ion: 43 Resp: 25851

Ion Ratio Lower Upper

43 100

72 28.5 13.0 39.0

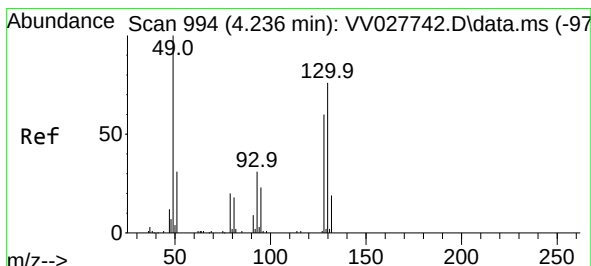
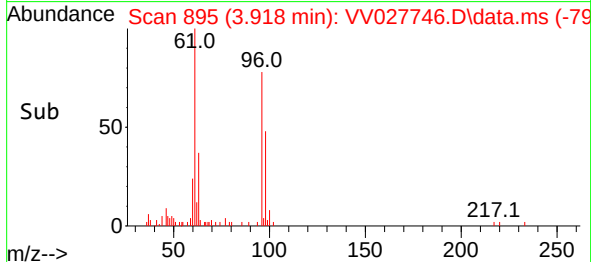
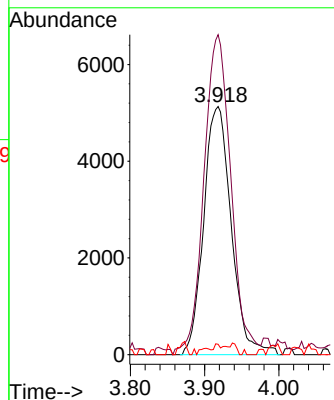
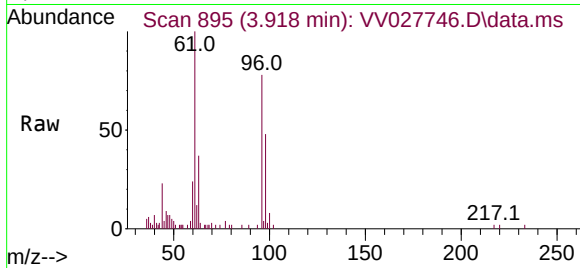




#22
 cis-1,2-Dichloroethene
 Concen: 0.810 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.019 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

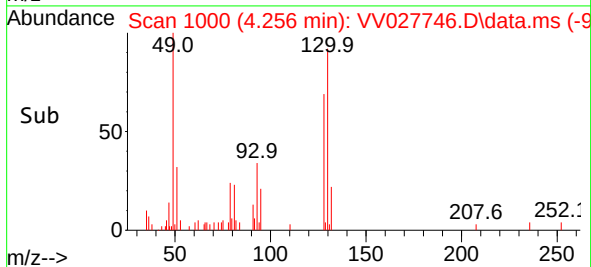
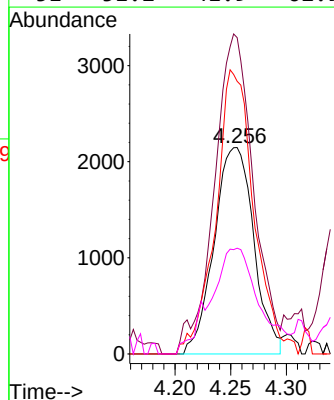
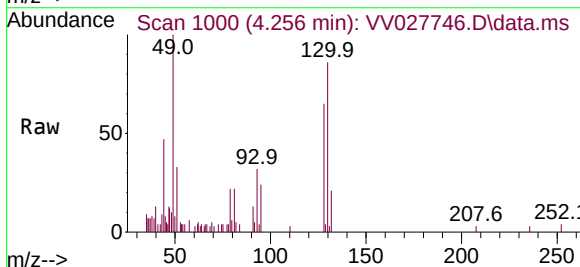
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001232

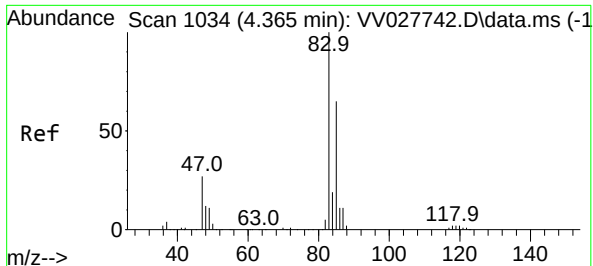
Tgt Ion: 96 Resp: 13234
 Ion Ratio Lower Upper
 96 100
 61 129.0 94.6 175.6
 68 4.2 0.3 0.5#



#23
 Bromochloromethane
 Concen: 0.752 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.019 min
 Lab File: VV027746.D
 Acq: 06 Sep 2022 16:48

Tgt Ion: 128 Resp: 5317
 Ion Ratio Lower Upper
 128 100
 49 153.2 118.4 219.8
 130 132.1 89.2 165.6
 51 51.2 41.9 62.9

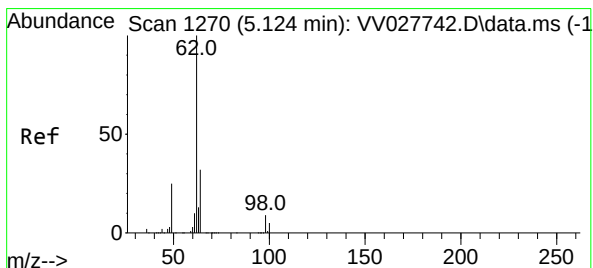
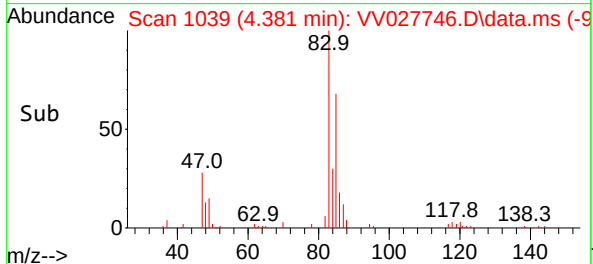
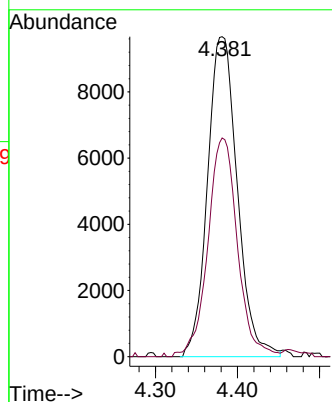
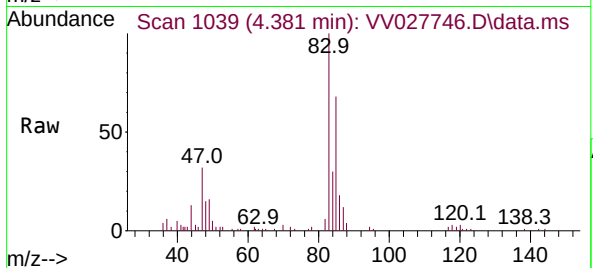




#25
Chloroform
Concen: 0.738 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

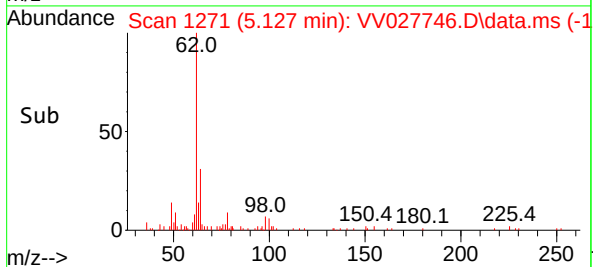
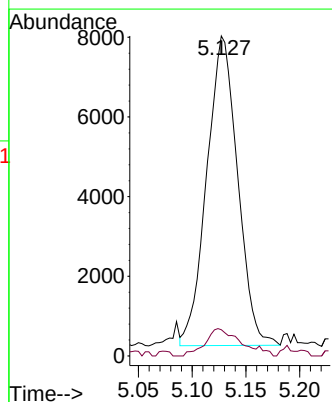
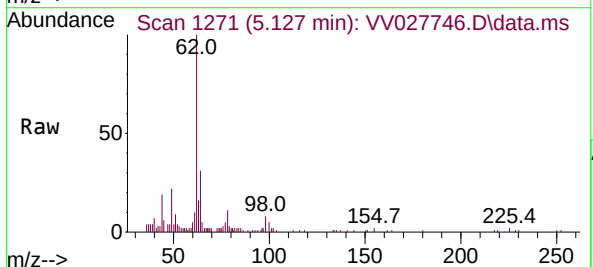
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

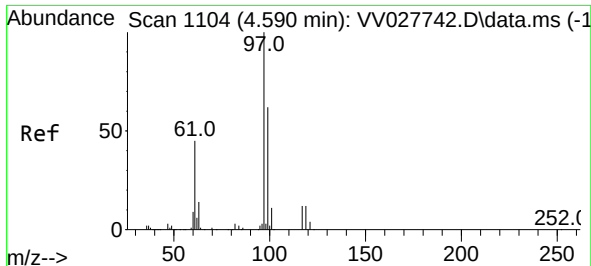
Tgt Ion: 83 Resp: 24461
Ion Ratio Lower Upper
83 100
85 68.3 45.4 84.2



#27
1,2-Dichloroethane
Concen: 0.838 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 62 Resp: 15542
Ion Ratio Lower Upper
62 100
98 8.2 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 0.980 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

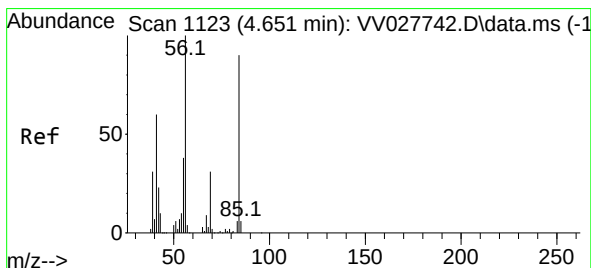
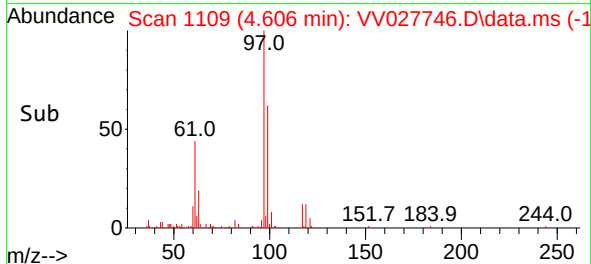
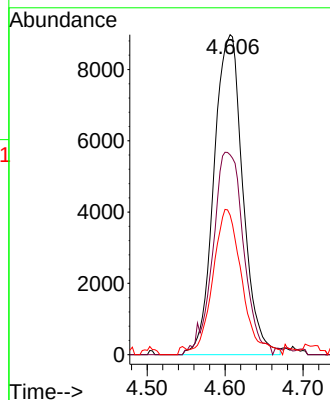
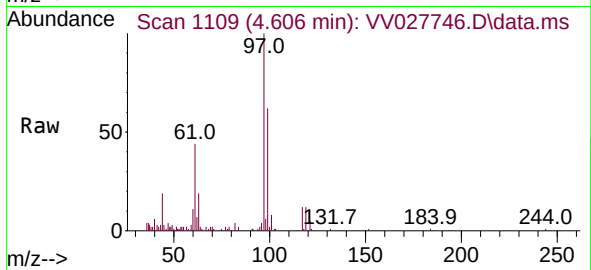
Tgt Ion: 97 Resp: 23157

Ion Ratio Lower Upper

97 100

99 67.1 50.8 76.2

61 45.5 36.2 54.4



#30

Cyclohexane

Concen: 0.868 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. 0.010 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

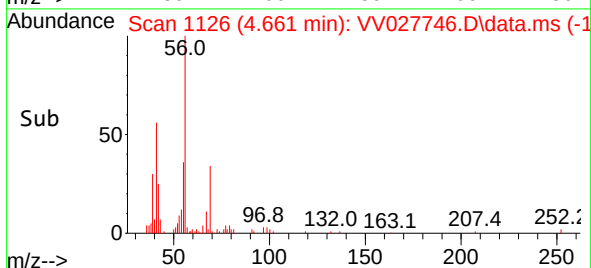
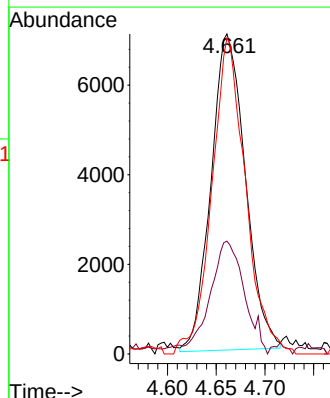
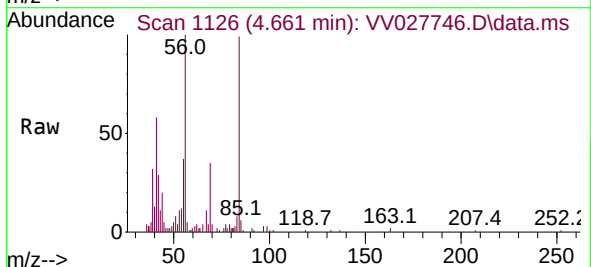
Tgt Ion: 56 Resp: 17289

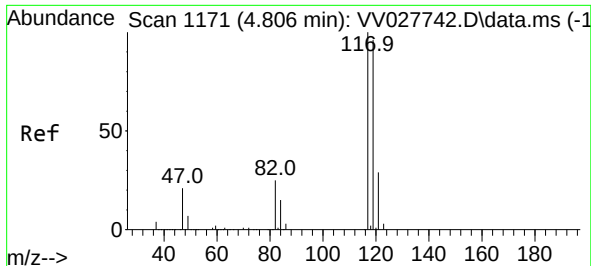
Ion Ratio Lower Upper

56 100

69 36.8 25.4 38.2

84 97.9 73.8 110.8

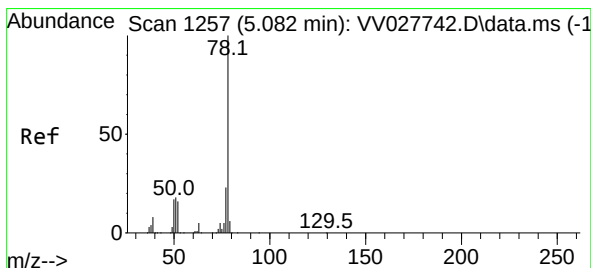
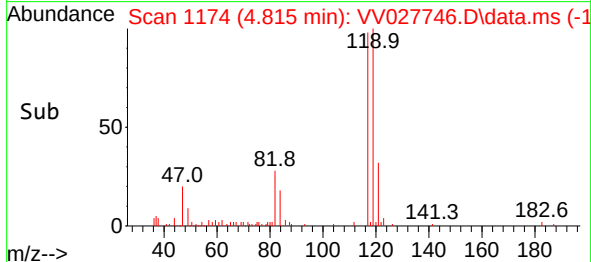
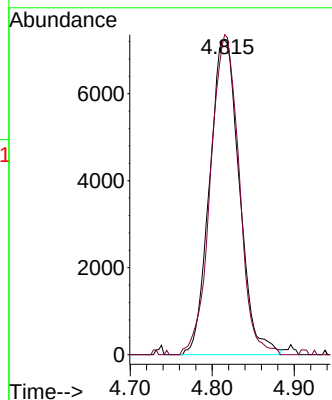
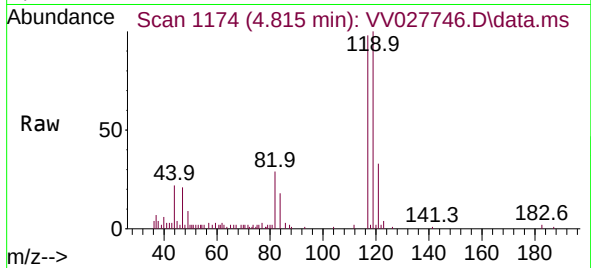




#31
Carbon tetrachloride
Concen: 0.903 ug/L
RT: 4.815 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

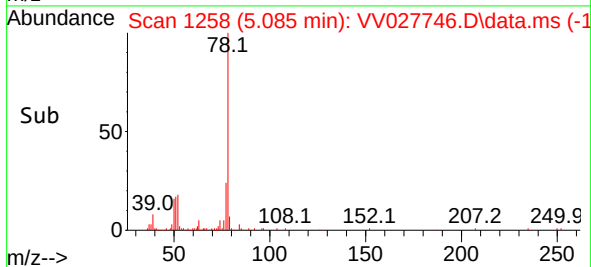
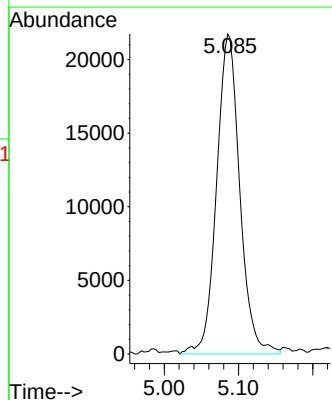
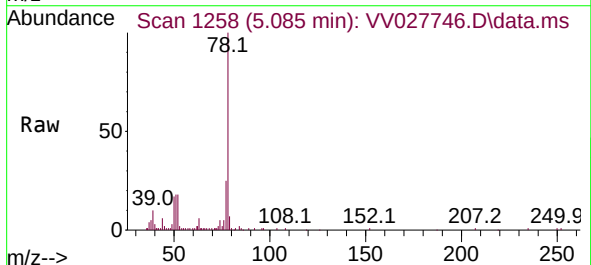
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

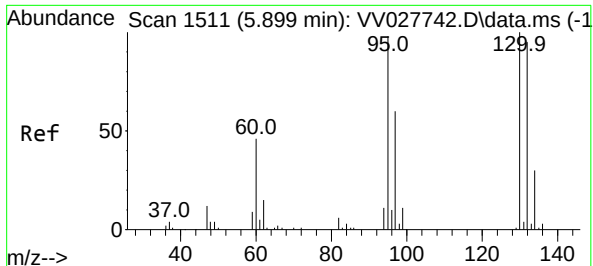
Tgt Ion:117 Resp: 18233
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8



#33
Benzene
Concen: 0.905 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 78 Resp: 47207





#34

Trichloroethene

Concen: 0.848 ug/L

RT: 5.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion: 95 Resp: 11129

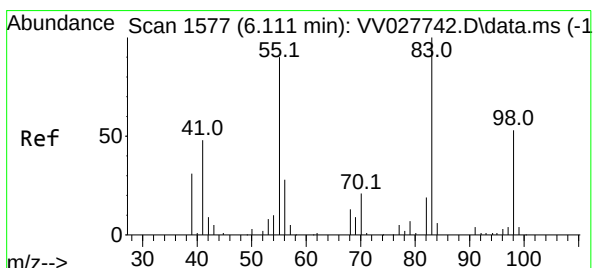
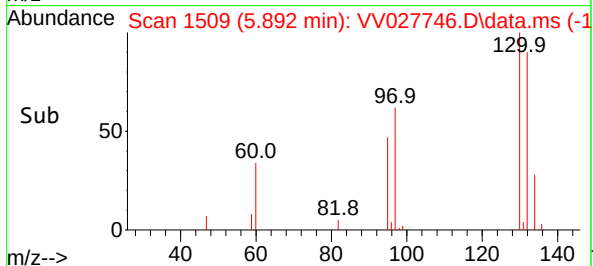
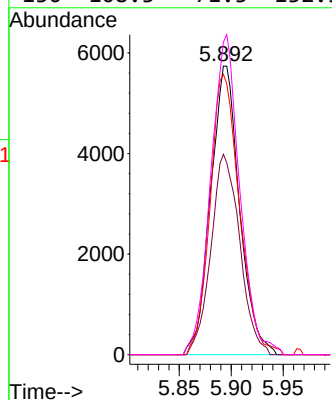
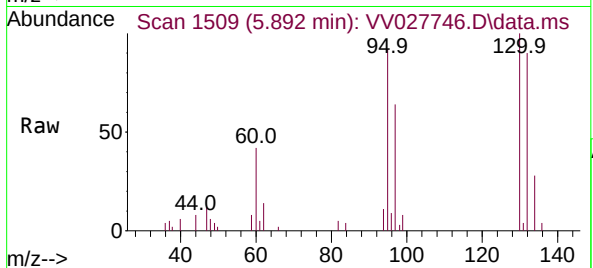
Ion Ratio Lower Upper

95 100

97 69.5 42.9 79.7

132 97.1 67.9 126.1

130 108.3 71.3 132.3



#35

Methylcyclohexane

Concen: 0.902 ug/L

RT: 6.108 min Scan# 1576

Delta R.T. -0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

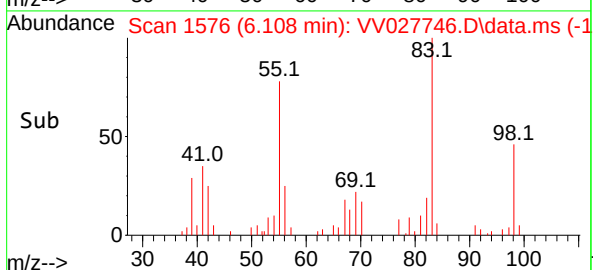
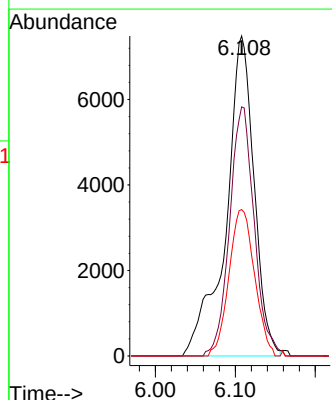
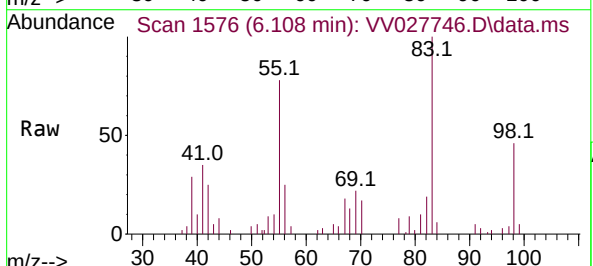
Tgt Ion: 83 Resp: 18351

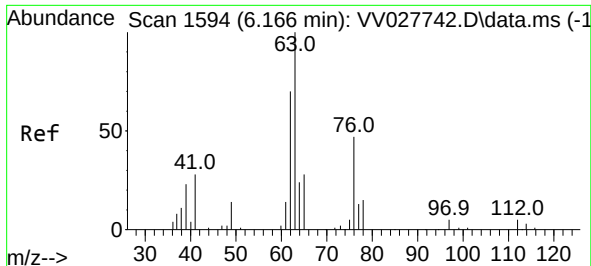
Ion Ratio Lower Upper

83 100

55 67.8 61.9 92.9

98 41.5 37.5 56.3





#37

1,2-Dichloropropane

Concen: 0.776 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

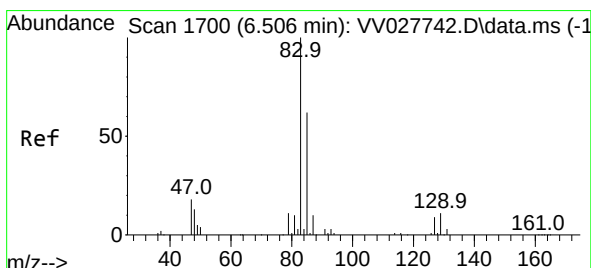
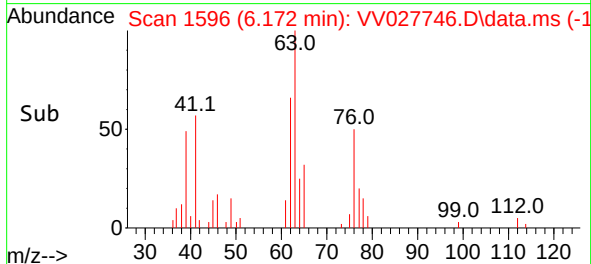
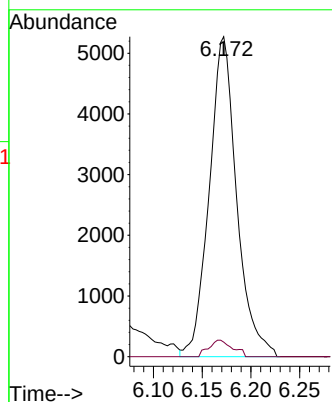
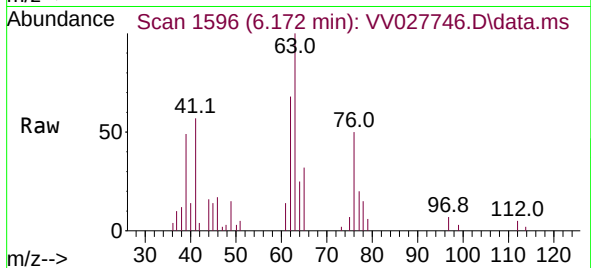
VSTD001232

Tgt Ion: 63 Resp: 10327

Ion Ratio Lower Upper

63 100

112 4.4 4.0 6.0



#38

Bromodichloromethane

Concen: 0.839 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

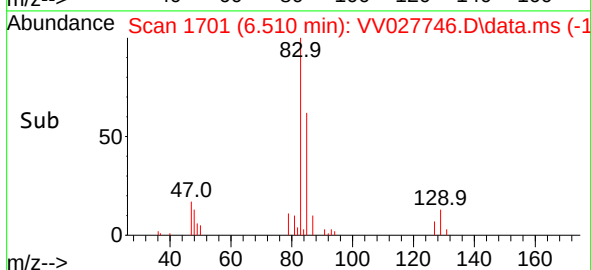
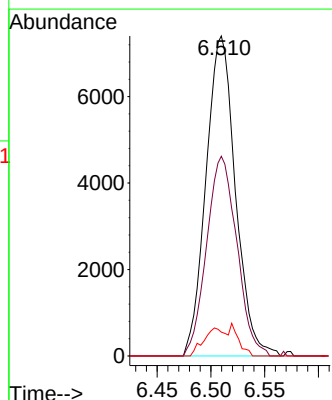
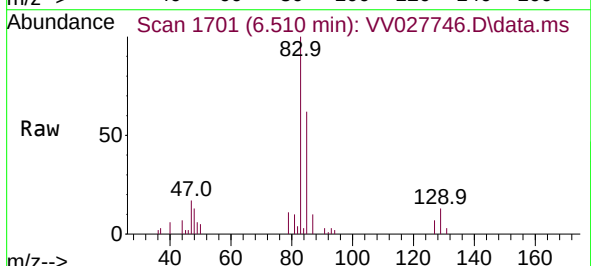
Tgt Ion: 83 Resp: 14124

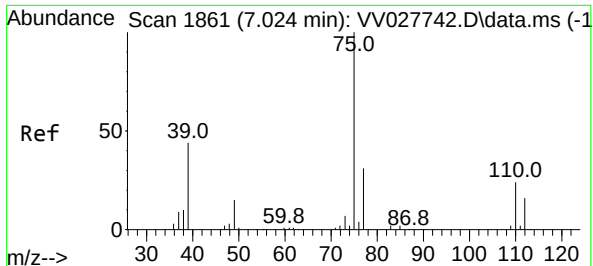
Ion Ratio Lower Upper

83 100

85 62.4 43.3 80.3

127 7.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.808 ug/L

RT: 7.053 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

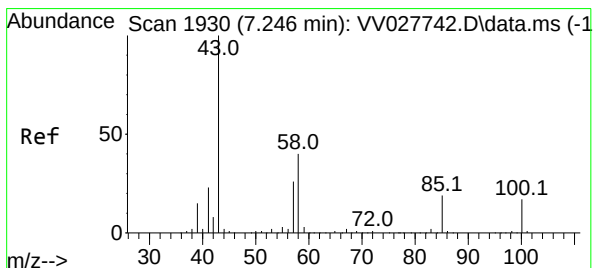
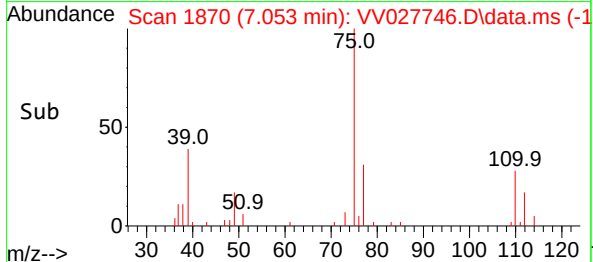
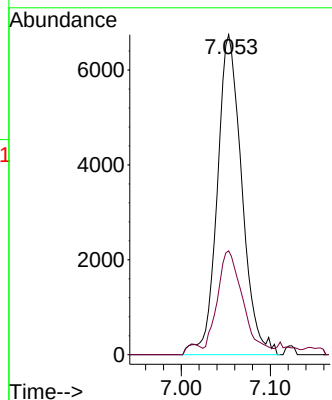
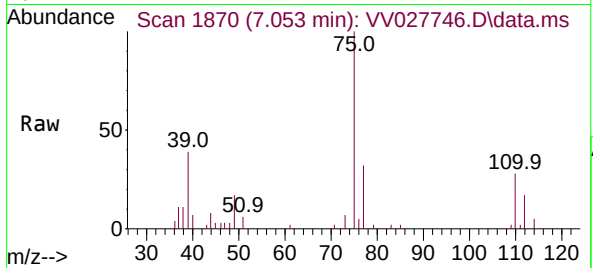
VSTD001232

Tgt Ion: 75 Resp: 12924

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 7.394 ug/L

RT: 7.269 min Scan# 1937

Delta R.T. 0.023 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

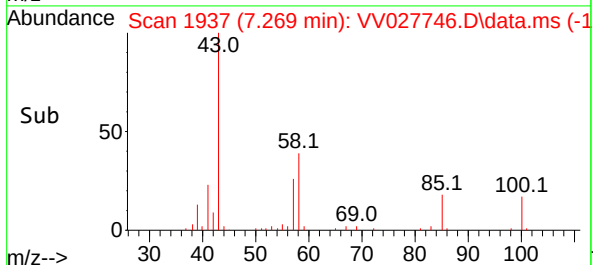
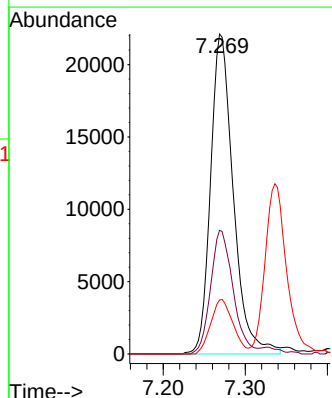
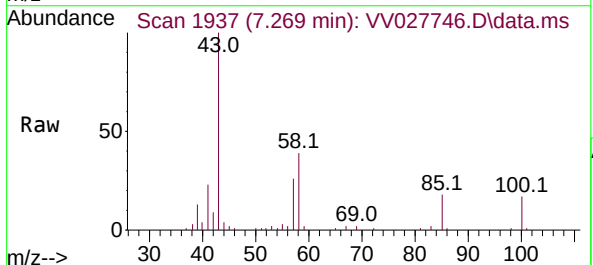
Tgt Ion: 43 Resp: 42570

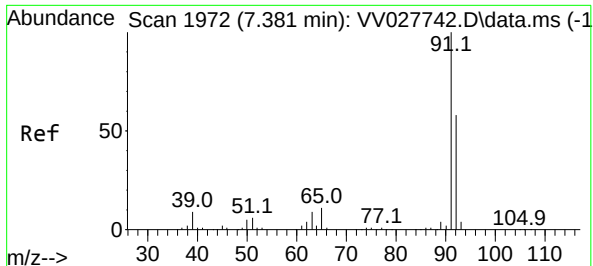
Ion Ratio Lower Upper

43 100

58 38.2 30.9 46.3

100 16.8 13.4 20.0





#42

Toluene

Concen: 0.764 ug/L

RT: 7.407 min Scan# 1972

Delta R.T. 0.026 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

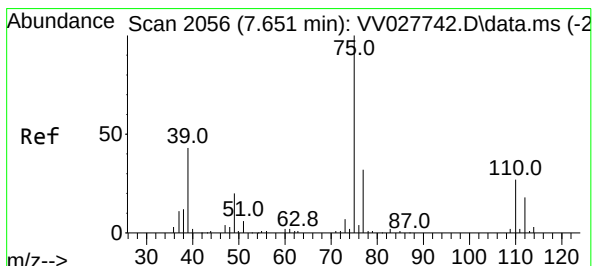
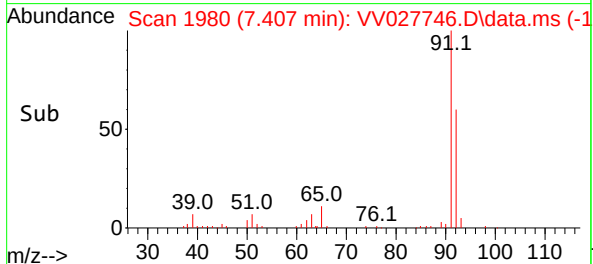
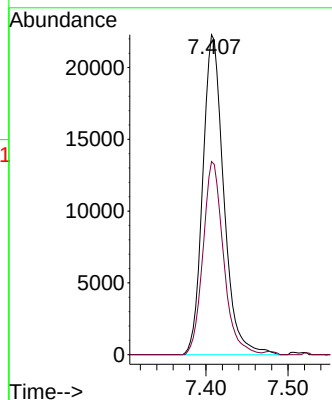
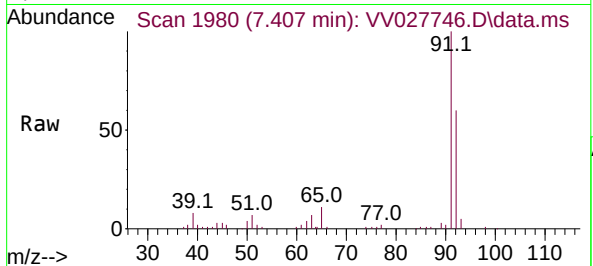
VSTD001232

Tgt Ion: 91 Resp: 39546

Ion Ratio Lower Upper

91 100

92 60.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.764 ug/L

RT: 7.674 min Scan# 2063

Delta R.T. 0.023 min

Lab File: VV027746.D

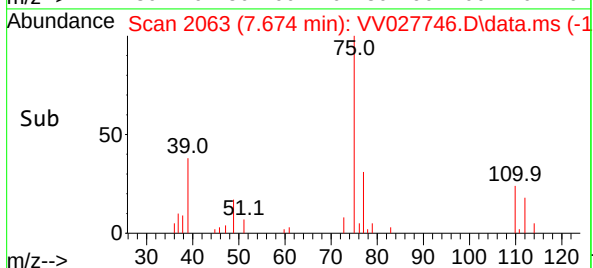
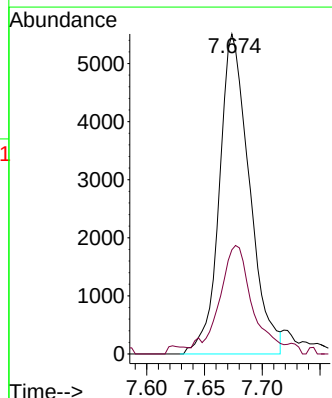
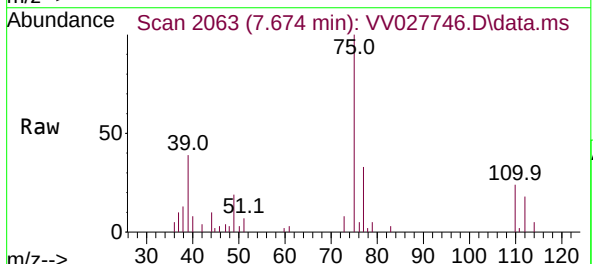
Acq: 06 Sep 2022 16:48

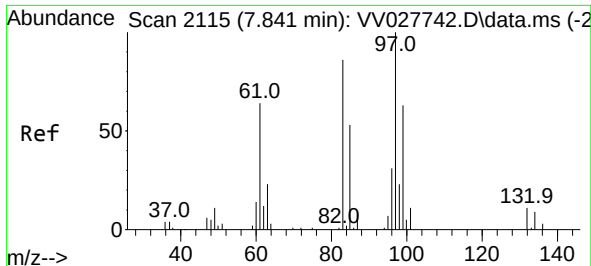
Tgt Ion: 75 Resp: 9968

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.847 ug/L

RT: 7.860 min Scan# 2115

Delta R.T. 0.019 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion: 97 Resp: 7156

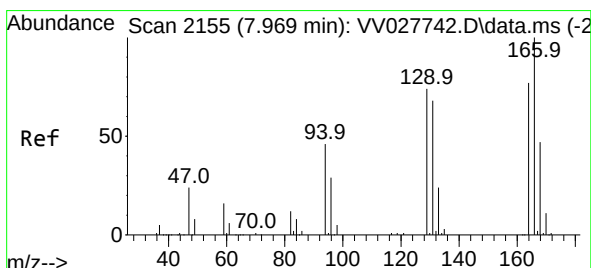
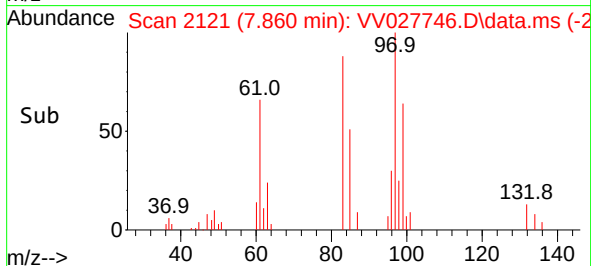
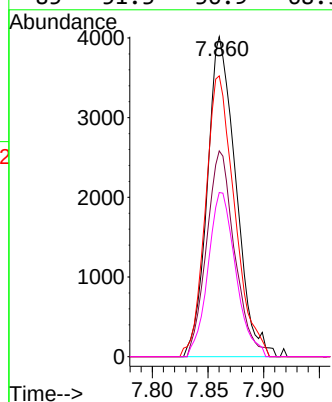
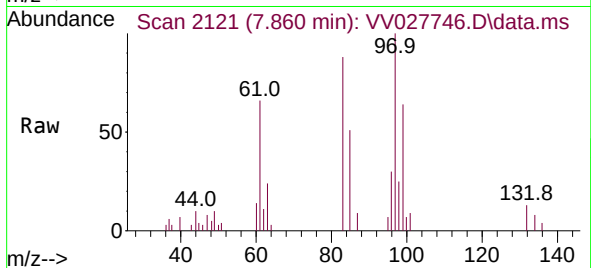
Ion Ratio Lower Upper

97 100

99 64.3 44.2 82.0

83 87.7 60.3 112.1

85 51.3 36.9 68.5



#47

Tetrachloroethene

Concen: 0.857 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.019 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Tgt Ion: 164 Resp: 8965

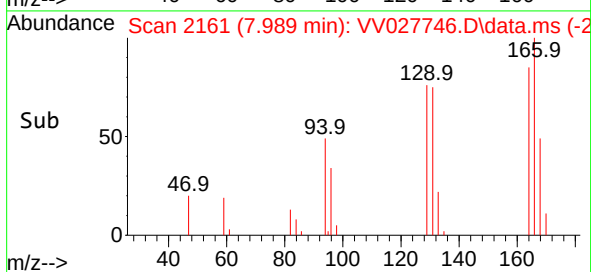
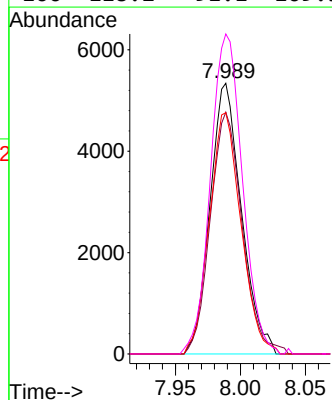
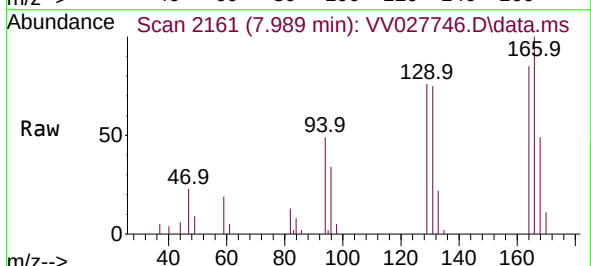
Ion Ratio Lower Upper

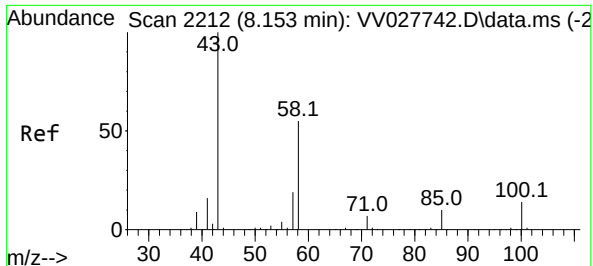
164 100

129 89.3 67.2 124.8

131 89.1 61.5 114.3

166 118.2 91.1 169.3

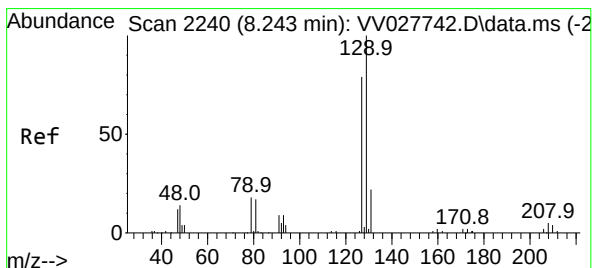
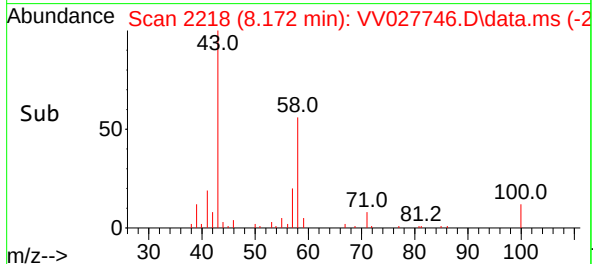
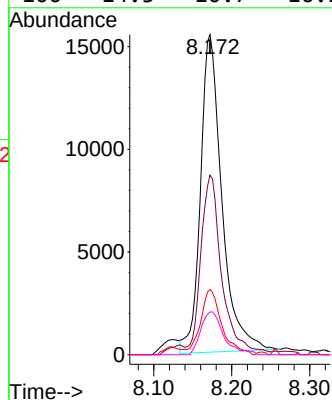
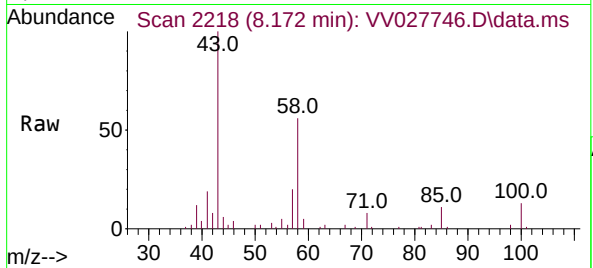




#48
2-Hexanone
Concen: 6.846 ug/L
RT: 8.172 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

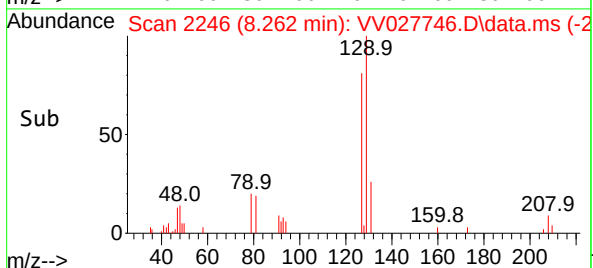
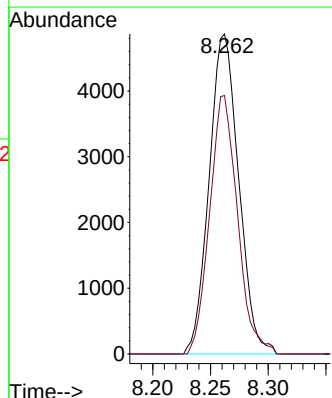
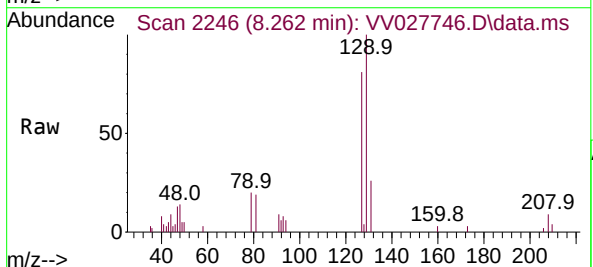
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

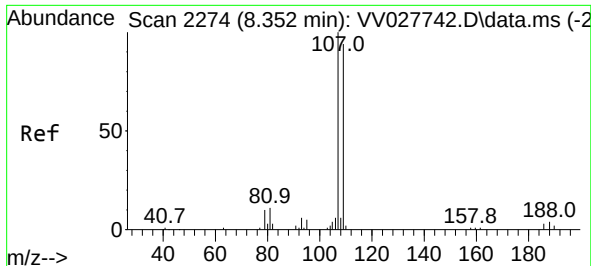
Tgt Ion: 43	Resp: 29578
Ion Ratio	Lower Upper
43 100	
58 53.3	43.2 64.8
57 20.0	15.6 23.4
100 14.3	10.7 16.1



#49
Dibromochloromethane
Concen: 0.860 ug/L
RT: 8.262 min Scan# 2246
Delta R.T. 0.019 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion:129	Resp:	8673	
Ion	Ratio	Lower	Upper
129	100		
127	80.8	55.2	102.6





#50

1,2-Dibromoethane

Concen: 0.824 ug/L

RT: 8.371 min Scan# 21

Delta R.T. 0.019 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

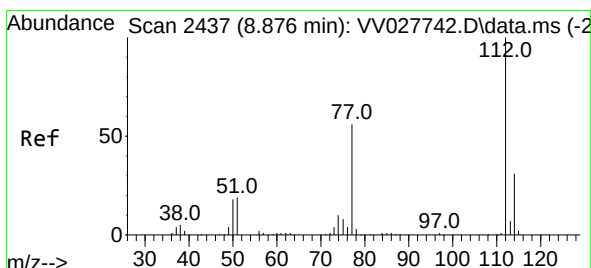
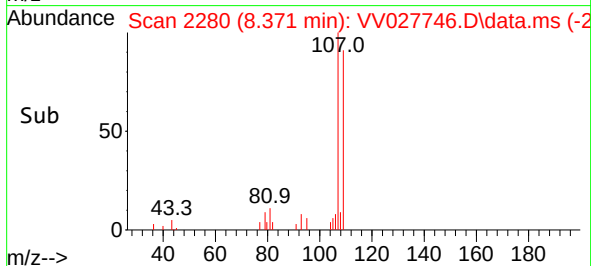
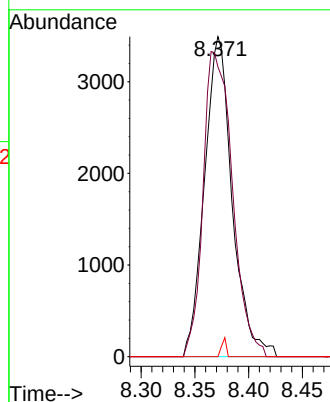
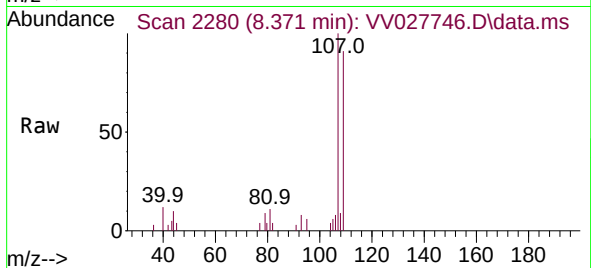
Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion:107	Resp:	6261
Ion	Ratio	Lower Upper
107	100	
109	90.5	65.9 122.5
188	0.0	3.1 4.7#



#51

Chlorobenzene

Concen: 0.818 ug/L

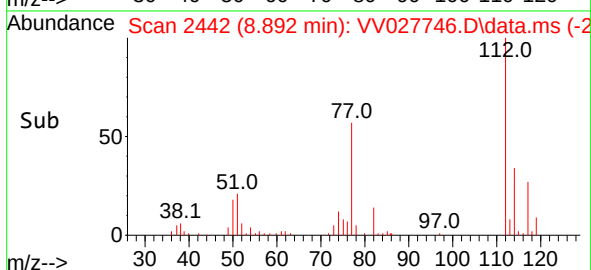
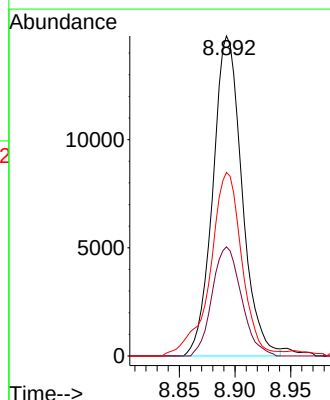
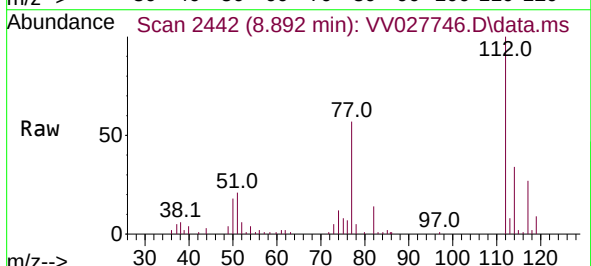
RT: 8.892 min Scan# 2442

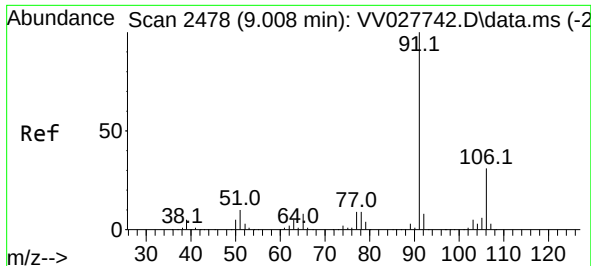
Delta R.T. 0.016 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Tgt Ion:112	Resp:	26926
Ion	Ratio	Lower Upper
112	100	
114	34.1	21.7 40.3
77	57.3	45.3 67.9





#52

Ethylbenzene

Concen: 0.758 ug/L

RT: 9.021 min Scan# 2478

Delta R.T. 0.013 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

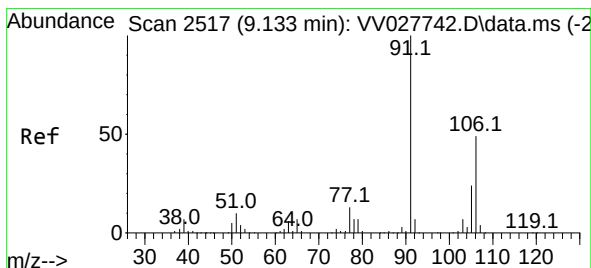
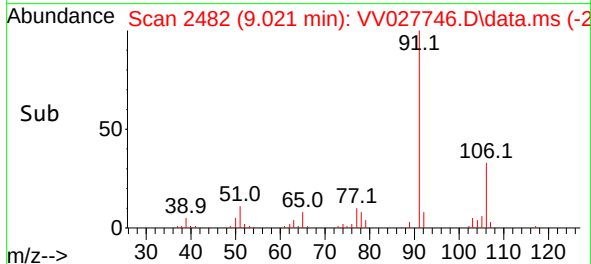
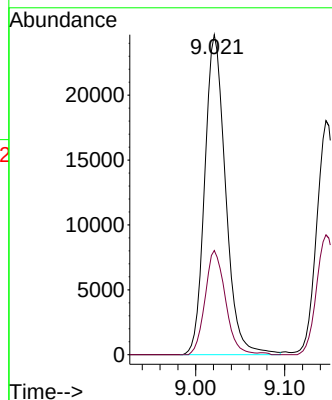
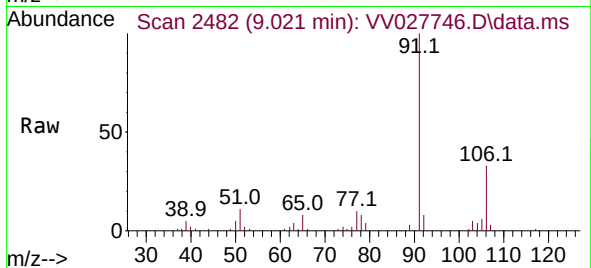
VSTD001232

Tgt Ion: 91 Resp: 40086

Ion Ratio Lower Upper

91 100

106 32.5 22.0 40.8



#53

m,p-Xylene

Concen: 0.762 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV027746.D

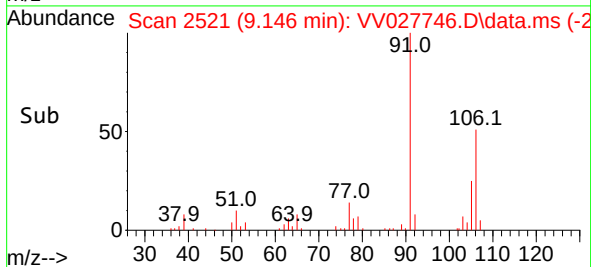
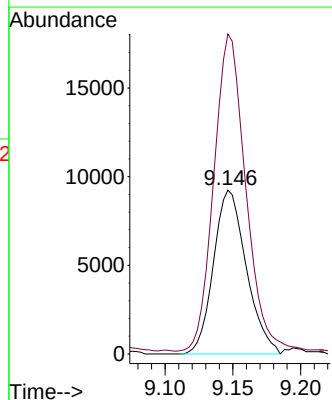
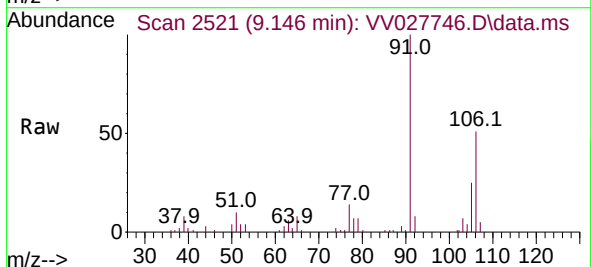
Acq: 06 Sep 2022 16:48

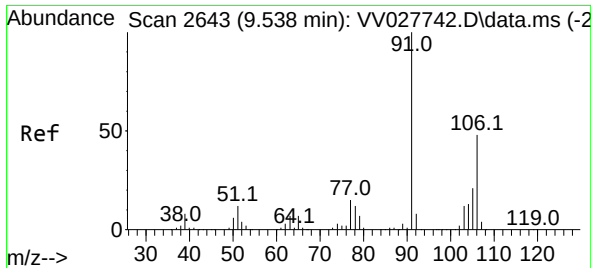
Tgt Ion: 106 Resp: 15562

Ion Ratio Lower Upper

106 100

91 195.4 142.4 264.4

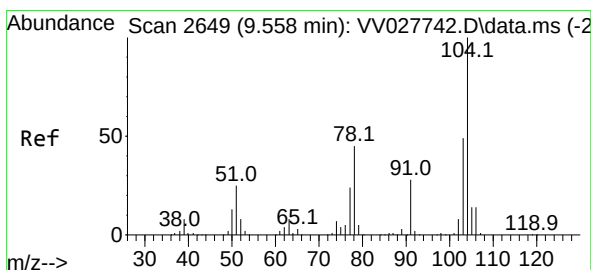
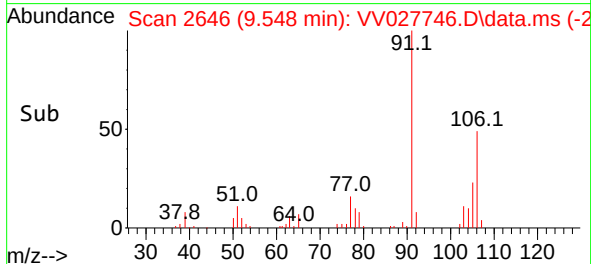
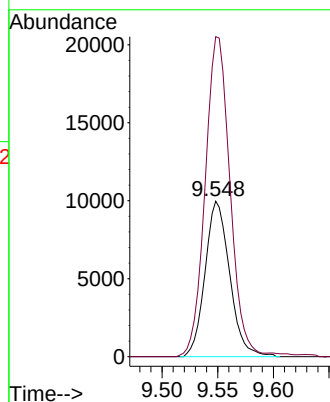
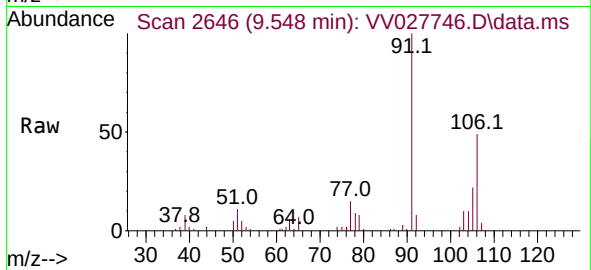




#54
o-Xylene
Concen: 0.786 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.010 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

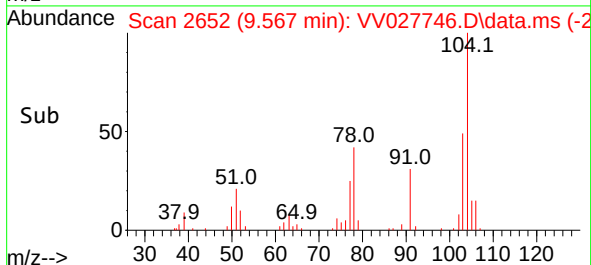
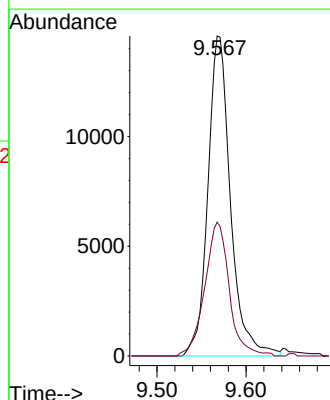
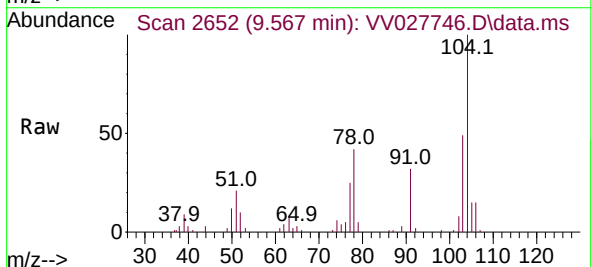
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

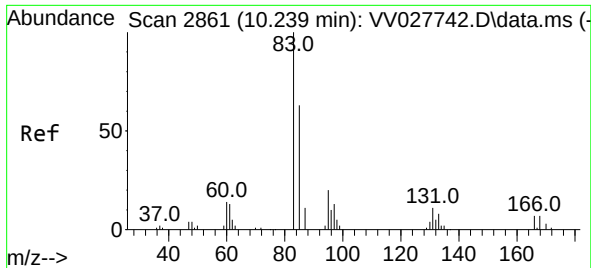
Tgt Ion:106 Resp: 15336
Ion Ratio Lower Upper
106 100
91 205.8 147.5 273.9



#55
Styrene
Concen: 0.773 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion:104 Resp: 25647
Ion Ratio Lower Upper
104 100
78 41.8 31.7 58.9

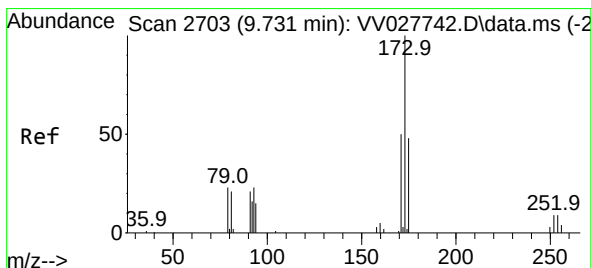
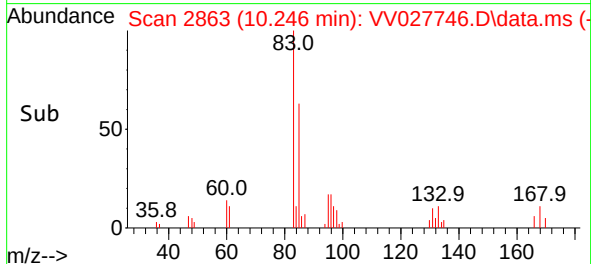
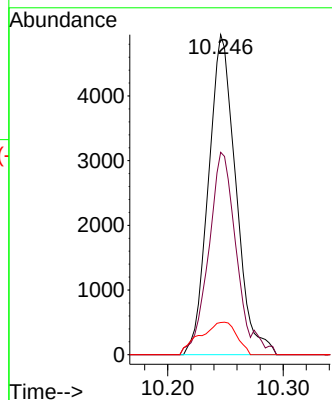
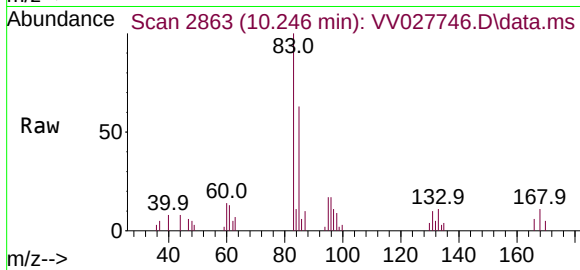




#57
1,1,2,2-Tetrachloroethane
Concen: 0.877 ug/L
RT: 10.246 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

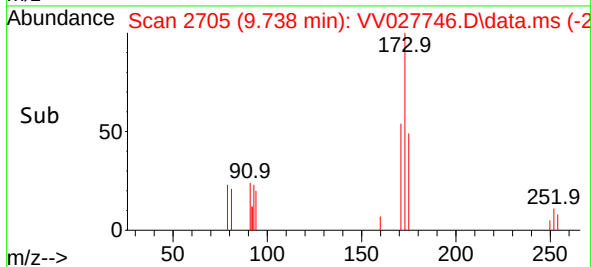
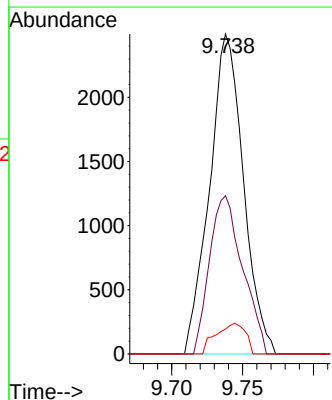
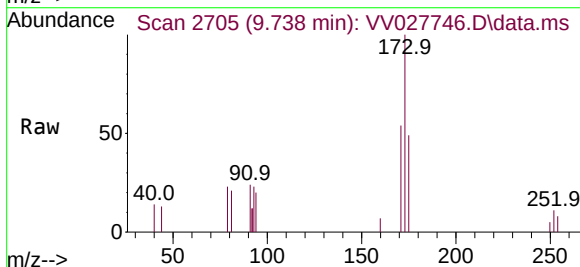
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

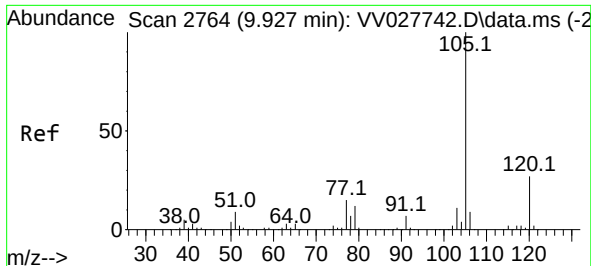
Tgt Ion: 83 Resp: 8140
Ion Ratio Lower Upper
83 100
85 63.3 44.7 83.1
131 10.0 8.5 12.7



#59
Bromoform
Concen: 0.902 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.007 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 173 Resp: 4144
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 8.3 6.8 10.2

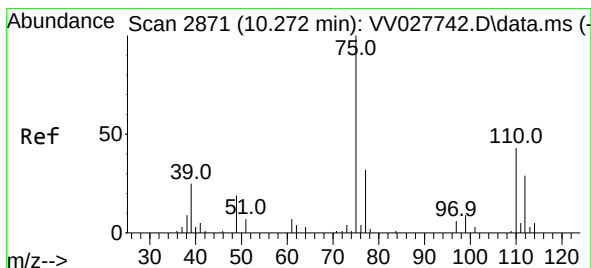
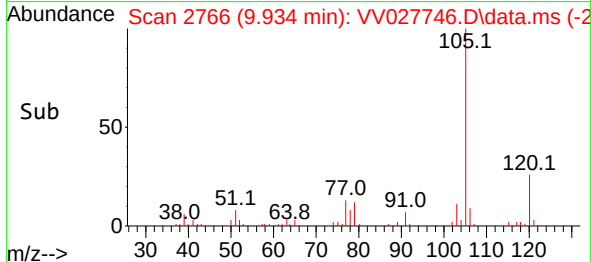
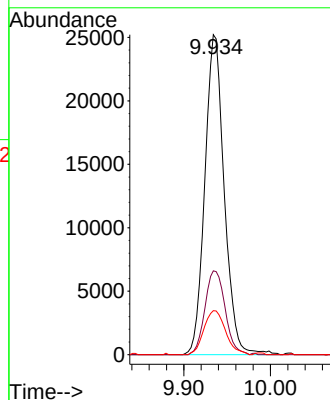
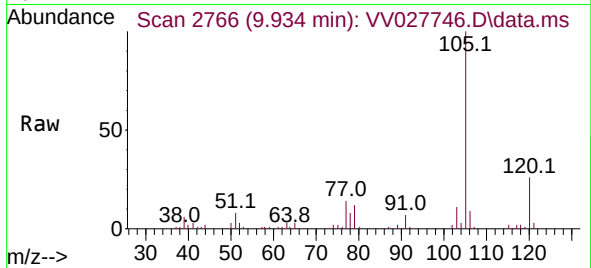




#60
Isopropylbenzene
Concen: 0.803 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

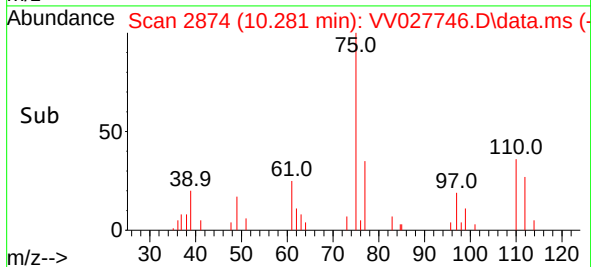
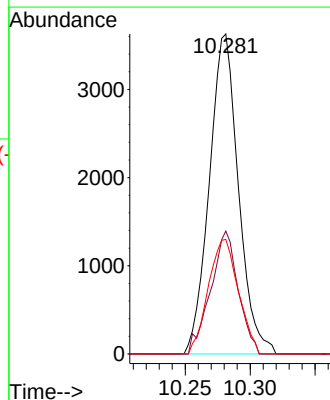
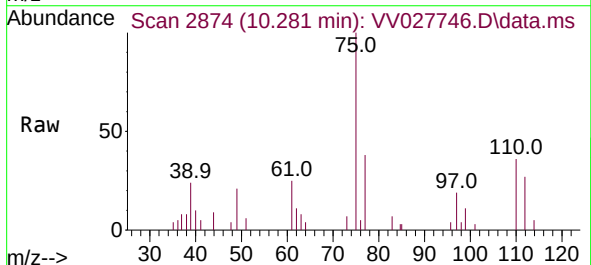
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

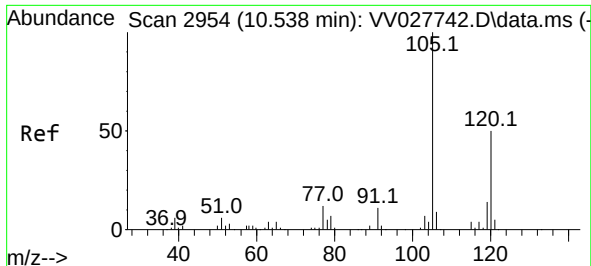
Tgt Ion:105 Resp: 39298
Ion Ratio Lower Upper
105 100
120 27.2 21.3 31.9
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.885 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.010 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion: 75 Resp: 5648
Ion Ratio Lower Upper
75 100
77 36.2 27.6 41.4
110 37.0 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 0.869 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

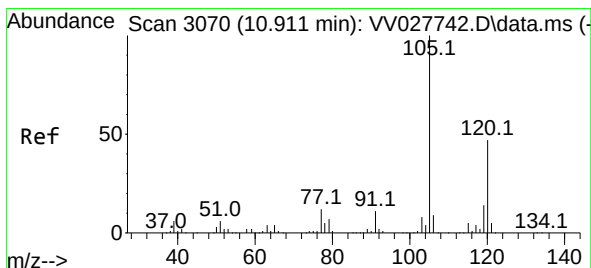
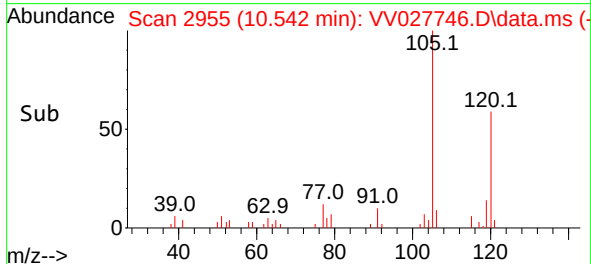
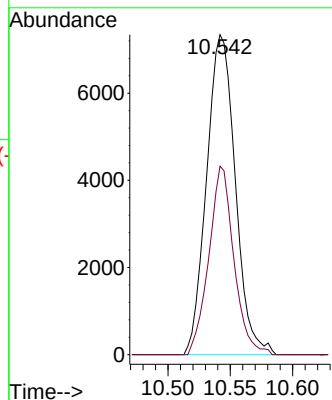
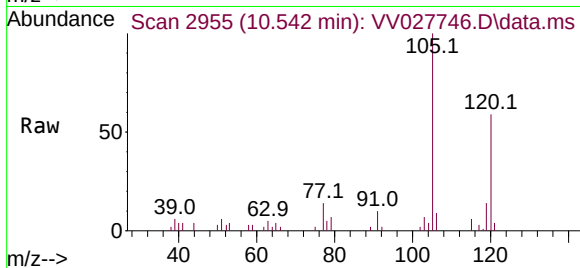
VSTD001232

Tgt Ion:105 Resp: 11771

Ion Ratio Lower Upper

105 100

120 51.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.791 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.007 min

Lab File: VV027746.D

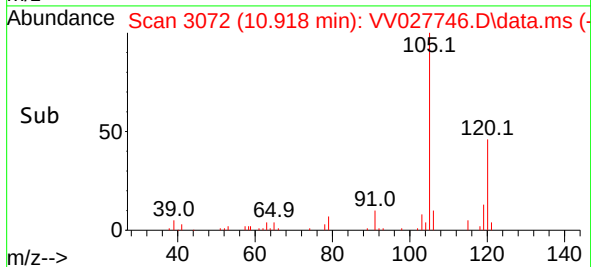
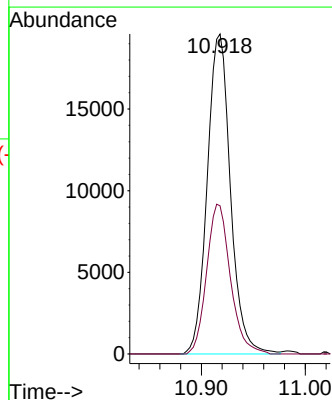
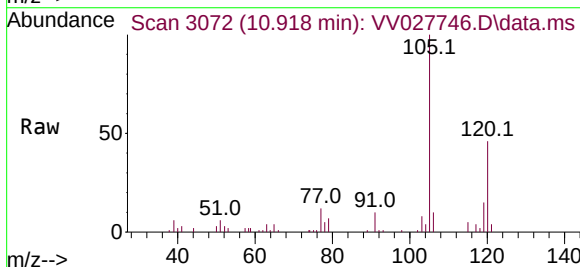
Acq: 06 Sep 2022 16:48

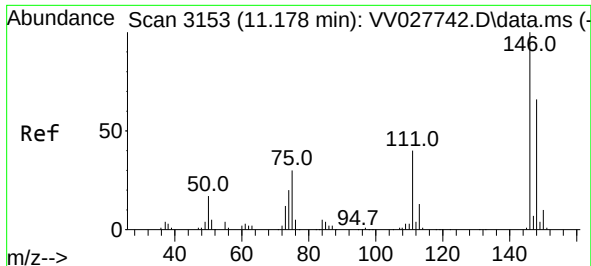
Tgt Ion:105 Resp: 30416

Ion Ratio Lower Upper

105 100

120 47.9 37.4 56.0

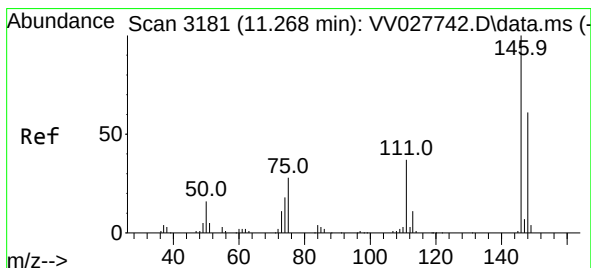
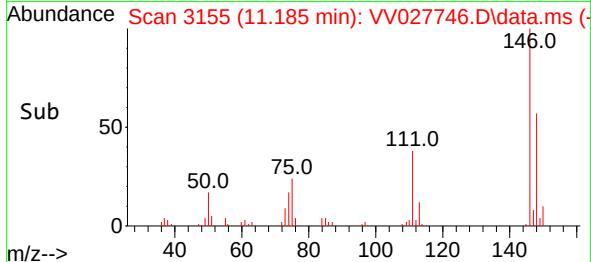
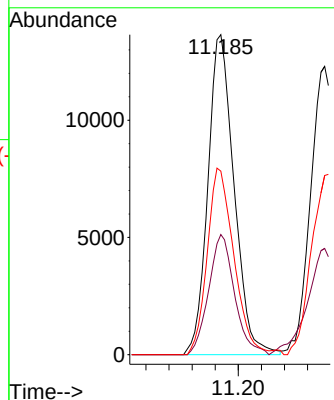
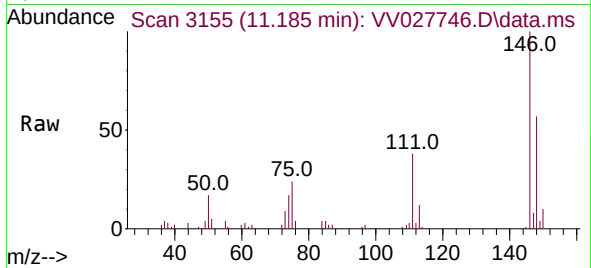




#64
1,3-Dichlorobenzene
Concen: 0.914 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

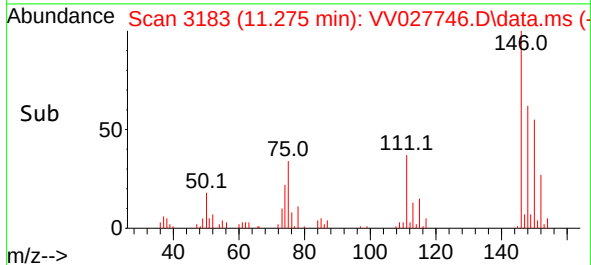
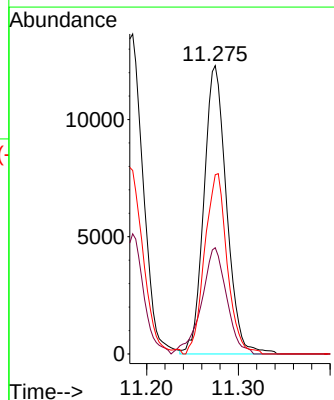
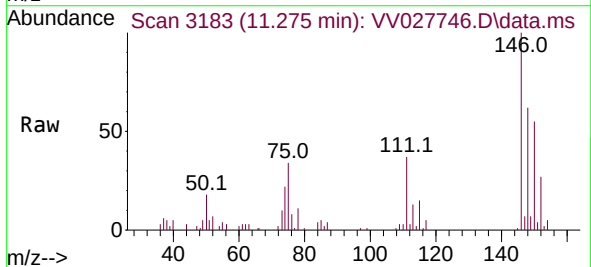
Instrument :
MSVOA_V
ClientSampleId :
VSTD001232

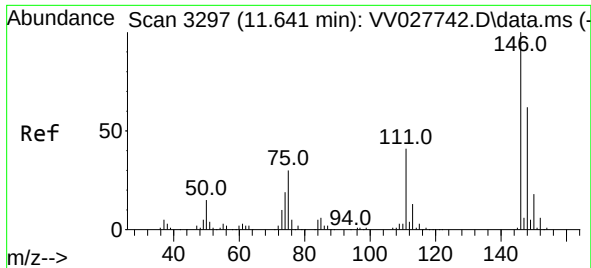
Tgt Ion:146 Resp: 21476
Ion Ratio Lower Upper
146 100
111 37.6 27.9 51.9
148 57.4 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 0.898 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.007 min
Lab File: VV027746.D
Acq: 06 Sep 2022 16:48

Tgt Ion:146 Resp: 21084
Ion Ratio Lower Upper
146 100
111 36.8 26.5 49.3
148 62.2 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 0.879 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

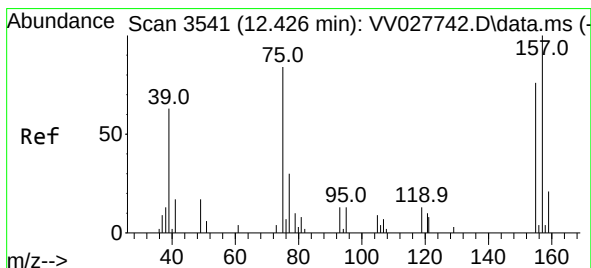
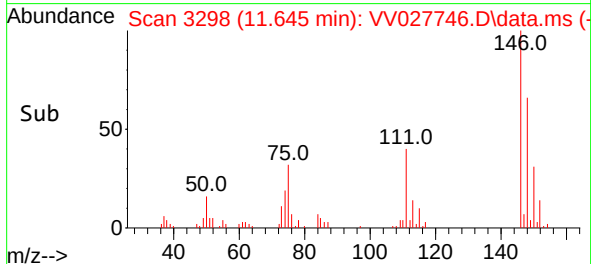
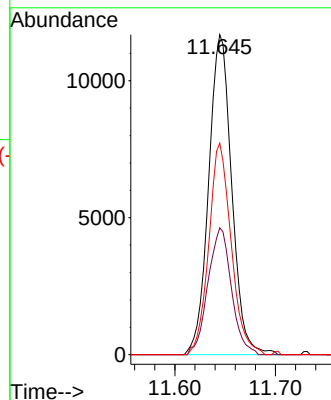
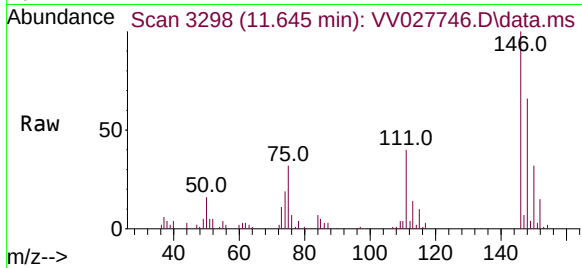
Tgt Ion:146 Resp: 18604

Ion Ratio Lower Upper

146 100

111 39.7 33.1 49.7

148 66.1 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.906 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

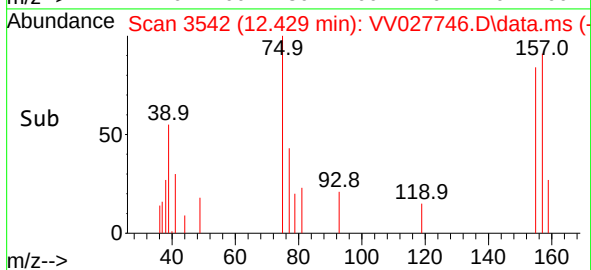
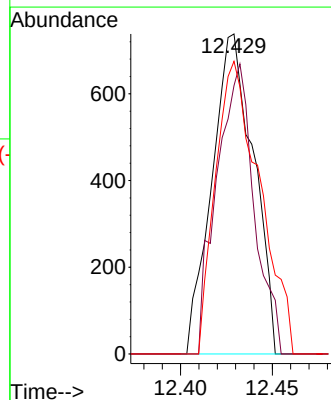
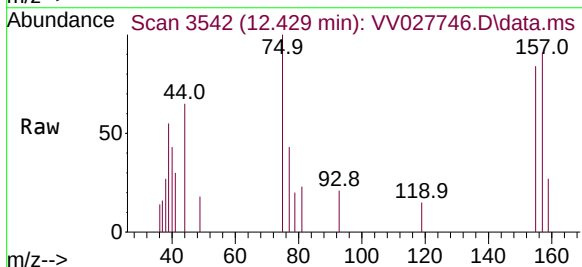
Tgt Ion: 75 Resp: 1162

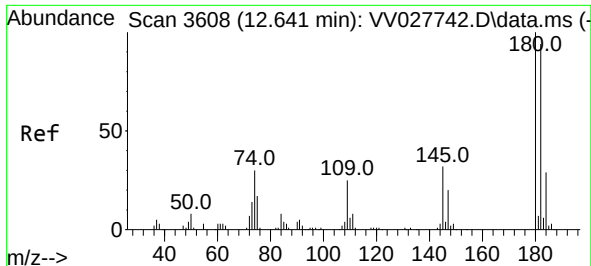
Ion Ratio Lower Upper

75 100

155 83.9 71.9 107.9

157 91.5 95.1 142.7#





#69

1,3,5-Trichlorobenzene

Concen: 0.910 ug/L

RT: 12.645 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

Tgt Ion:180 Resp: 15550

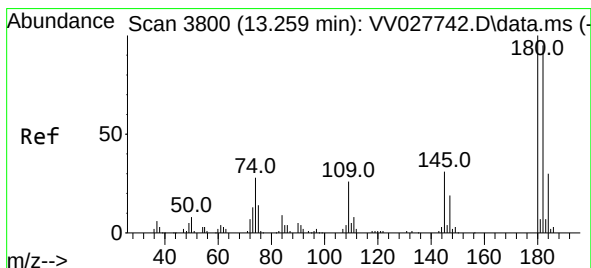
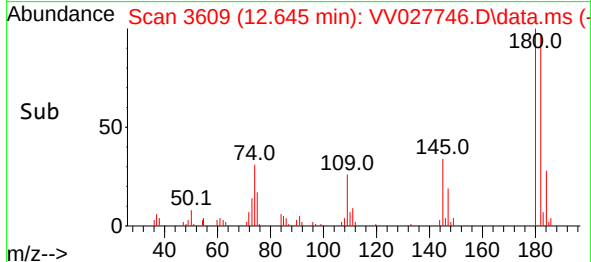
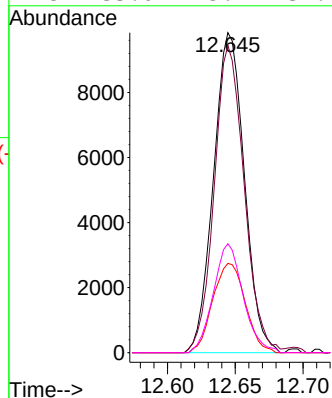
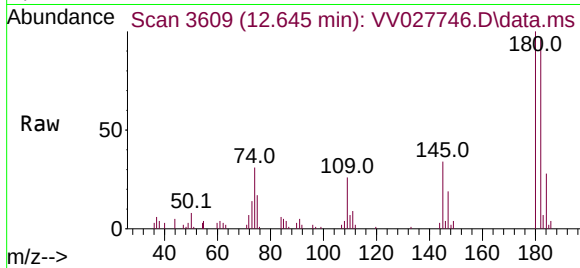
Ion Ratio Lower Upper

180 100

182 93.3 75.8 113.8

184 29.5 23.8 35.6

145 33.0 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.947 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

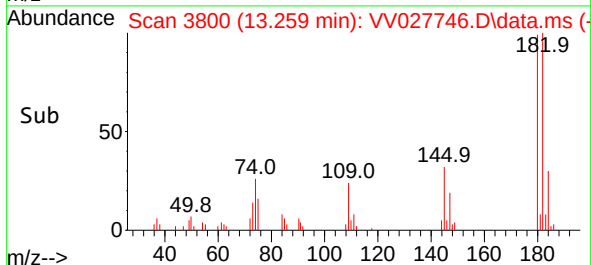
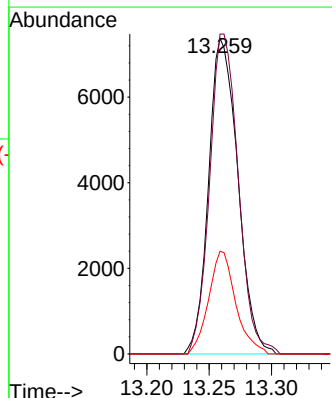
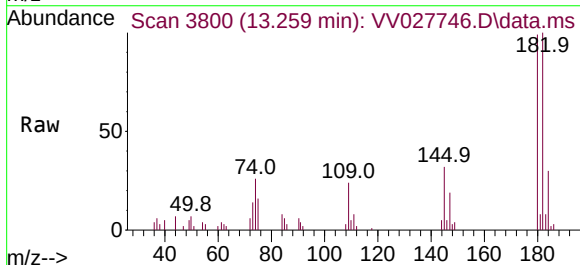
Tgt Ion:180 Resp: 12029

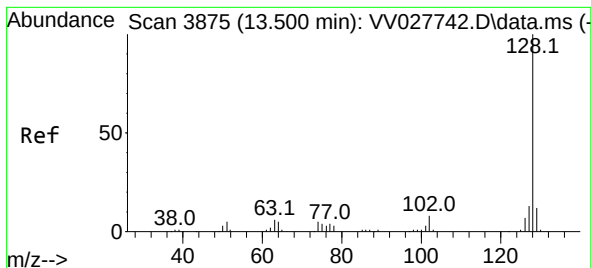
Ion Ratio Lower Upper

180 100

182 99.3 76.6 114.8

145 30.2 24.6 37.0





#71

Naphthalene

Concen: 0.997 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Instrument :

MSVOA_V

ClientSampleId :

VSTD001232

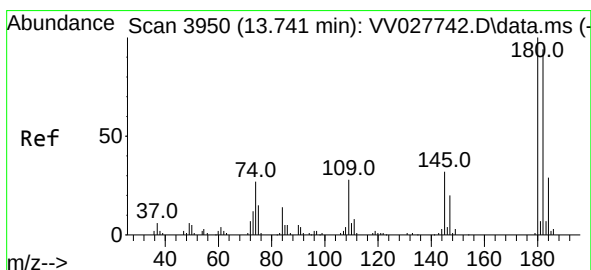
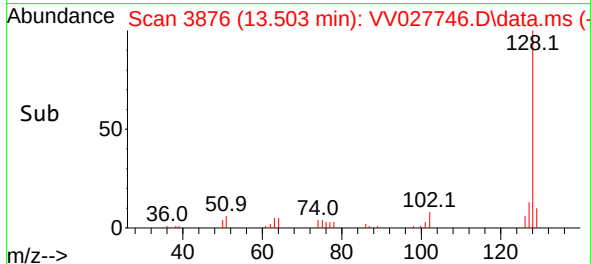
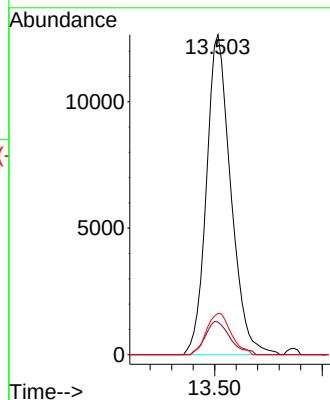
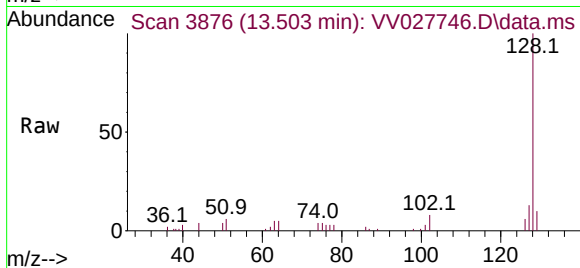
Tgt Ion:128 Resp: 19897

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.914 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027746.D

Acq: 06 Sep 2022 16:48

Tgt Ion:180 Resp: 10477

Ion Ratio Lower Upper

180 100

182 99.0 76.5 114.7

145 32.1 26.5 39.7

