

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033411.D
 Acq On : 14 Dec 2022 10:42
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Quant Time: Dec 14 22:46:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

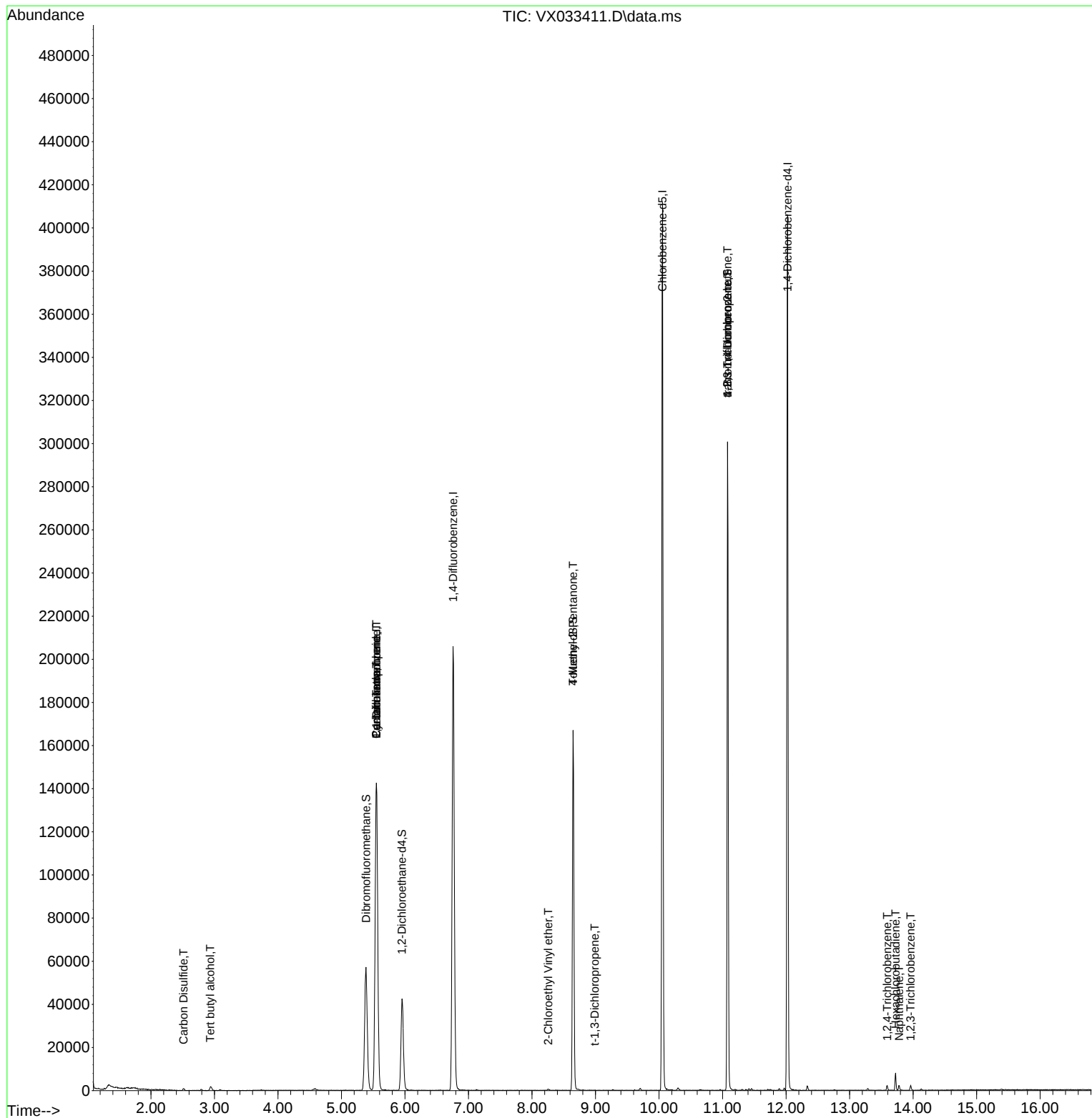
Internal Standards						
1) Pentafluorobenzene	5.550	168	142119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43190	47.371	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.740%			
35) Dibromofluoromethane	5.385	113	50171	51.174	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	8.647	98	102870	50.157	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	78407	49.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	1127	4.043	ug/l #	72
17) Carbon Disulfide	2.514	76	1092	0.330	ug/l #	74
31) Cyclohexane	5.550	56	2852	1.316	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10227	5.350	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14241	6.650	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	398	0.216	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	65	2.533	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.257	63	379	0.388	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	39639	22.167	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39639	68.954	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	809	0.460	ug/l	92
94) Hexachlorobutadiene	13.725	225	1230	1.746	ug/l	97
95) Naphthalene	13.780	128	2176	0.371	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	766	0.430	ug/l	90

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

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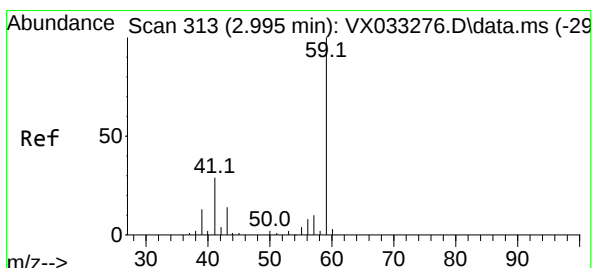
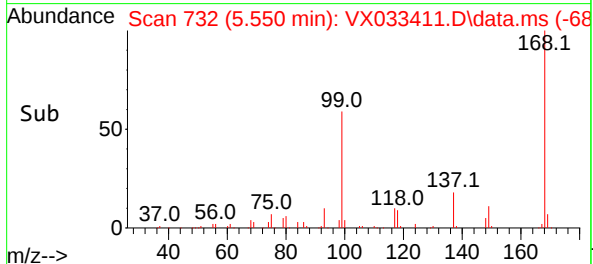
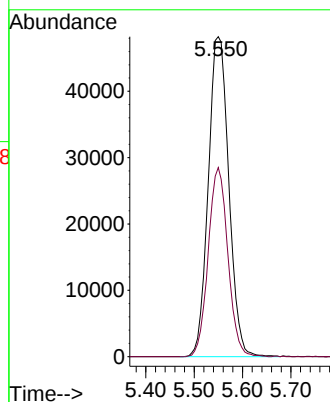
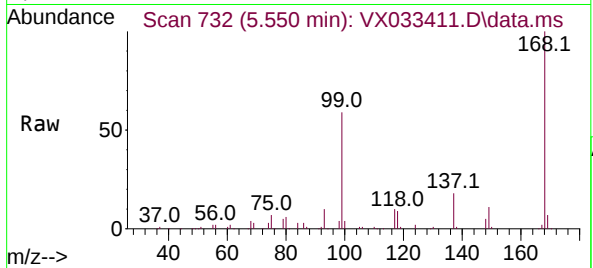




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

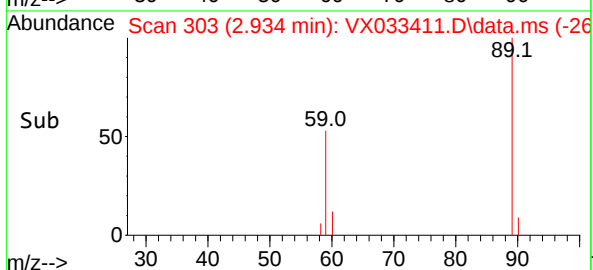
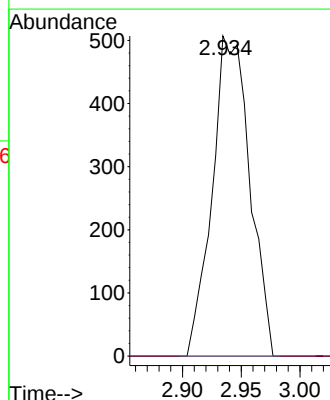
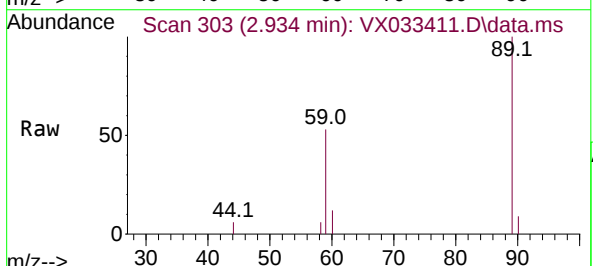
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

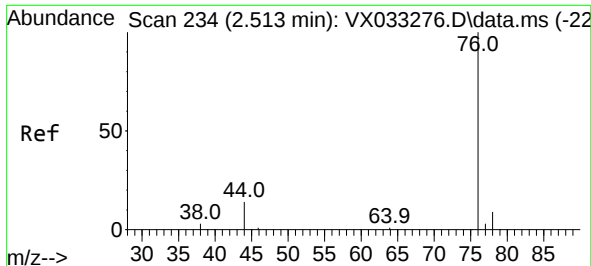
Tgt Ion:168 Resp: 142119
Ion Ratio Lower Upper
168 100
99 59.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.043 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion: 59 Resp: 1127
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

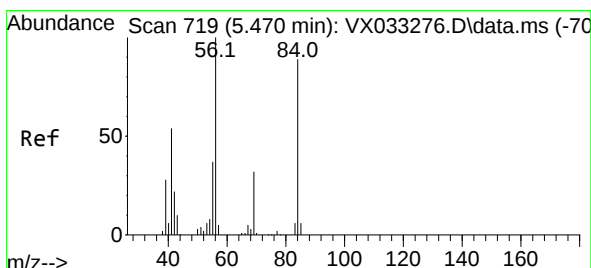
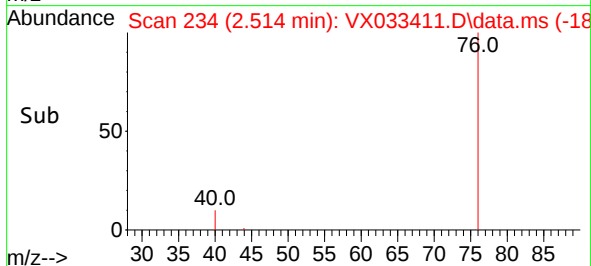
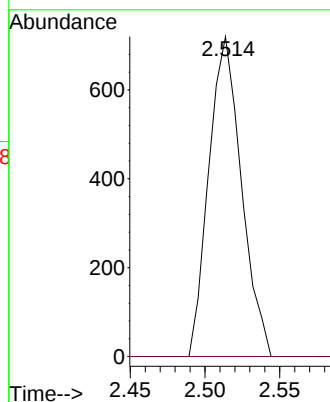
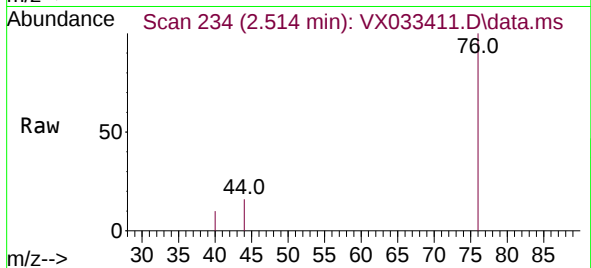




#17
Carbon Disulfide
Concen: 0.330 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

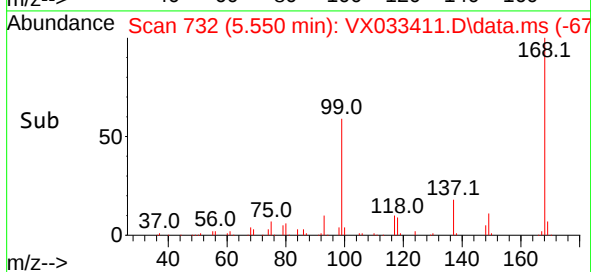
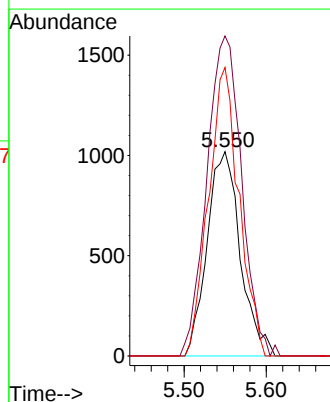
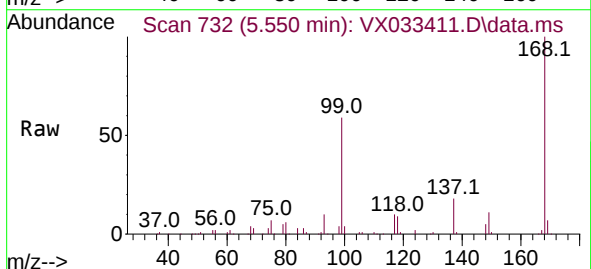
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

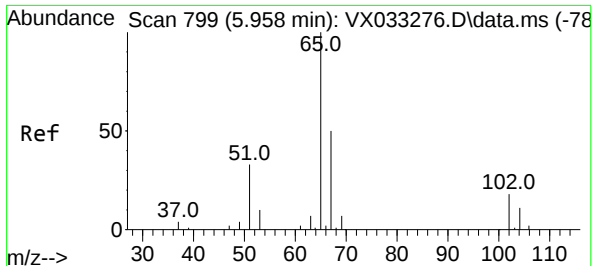
Tgt Ion: 76 Resp: 1092
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion: 56 Resp: 2852
Ion Ratio Lower Upper
56 100
69 156.6 24.1 36.1#
84 141.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.371 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033411.D

Acq: 14 Dec 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

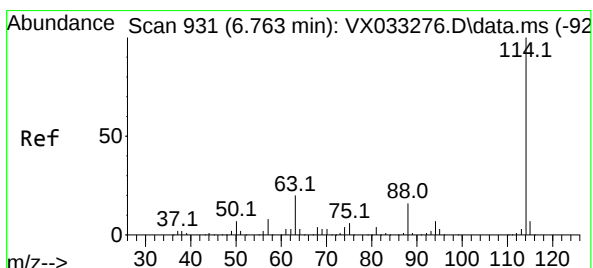
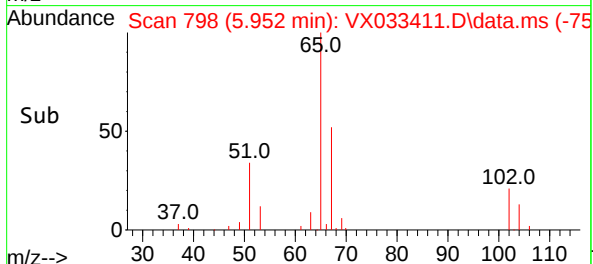
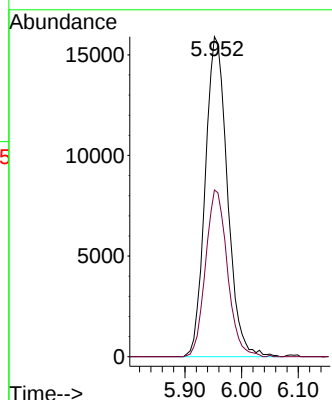
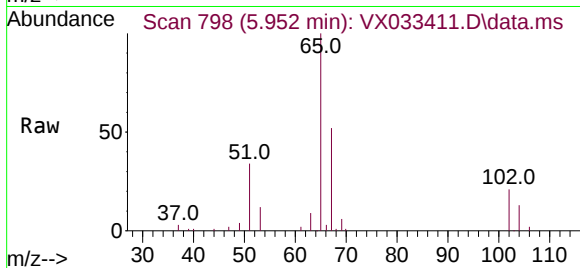
VX1214WBL01

Tgt Ion: 65 Resp: 43190

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033411.D

Acq: 14 Dec 2022 10:42

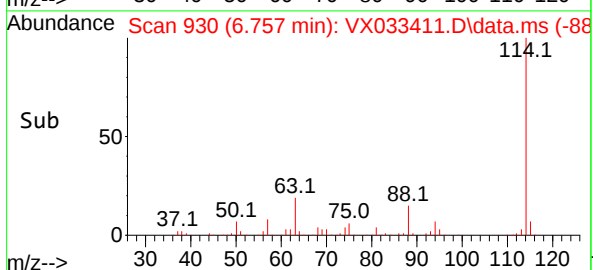
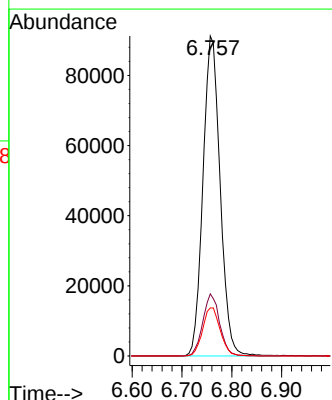
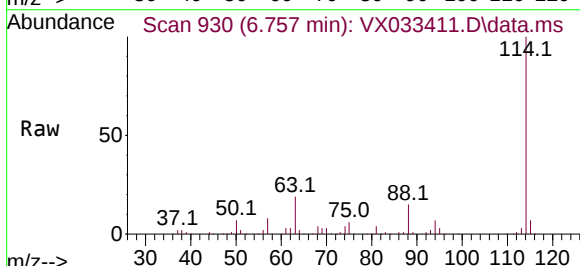
Tgt Ion: 114 Resp: 217973

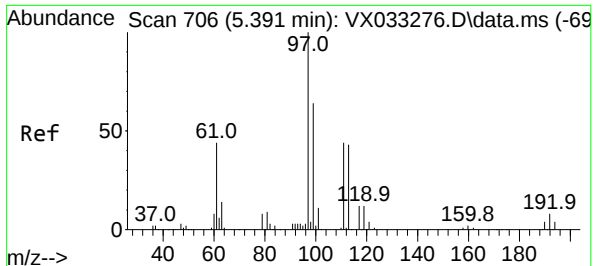
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.174 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033411.D

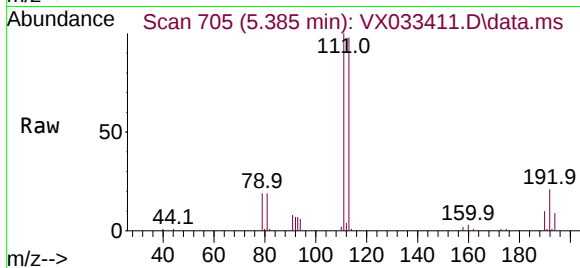
Acq: 14 Dec 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01



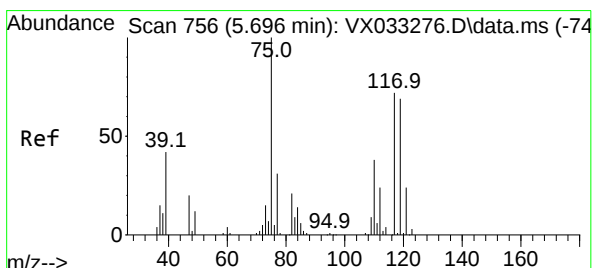
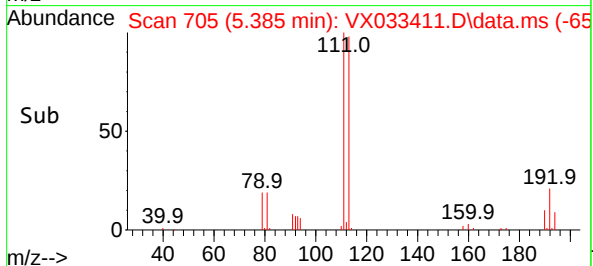
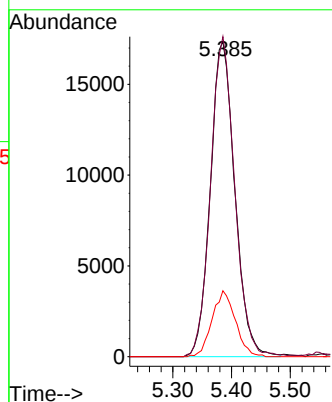
Tgt Ion:113 Resp: 50171

Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

192 20.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033411.D

Acq: 14 Dec 2022 10:42

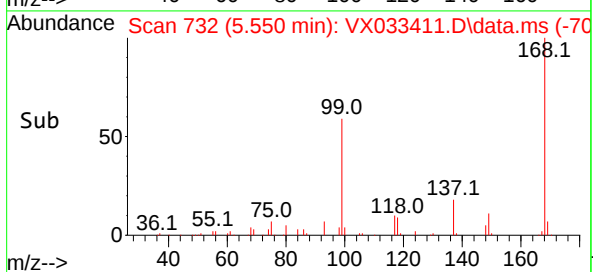
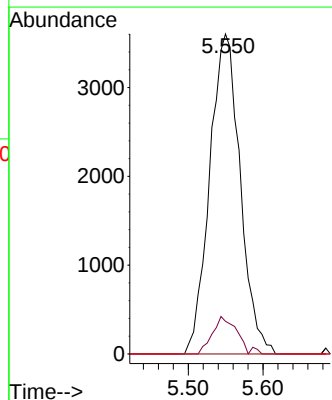
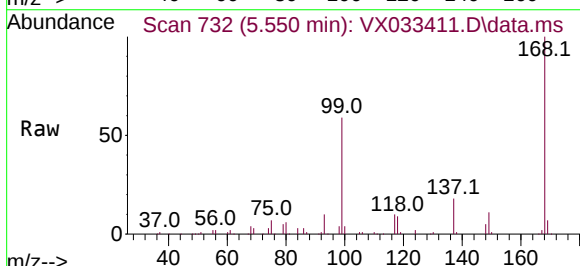
Tgt Ion: 75 Resp: 10227

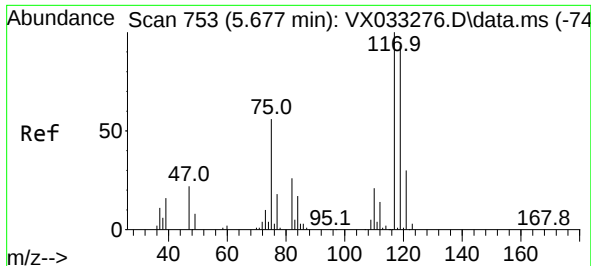
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#

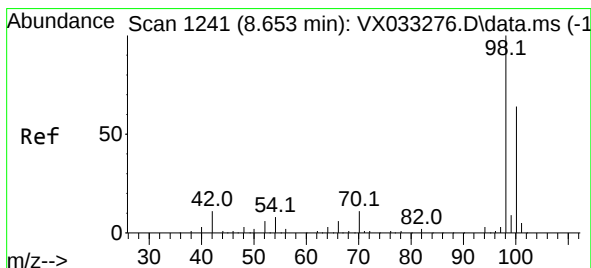
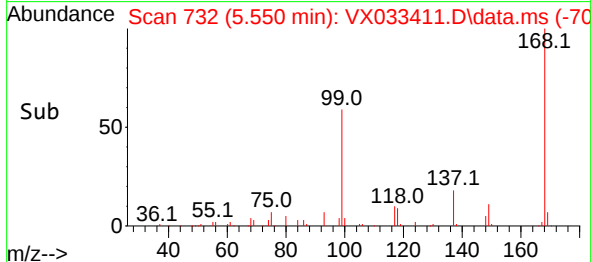
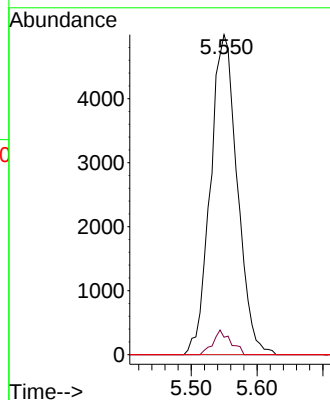
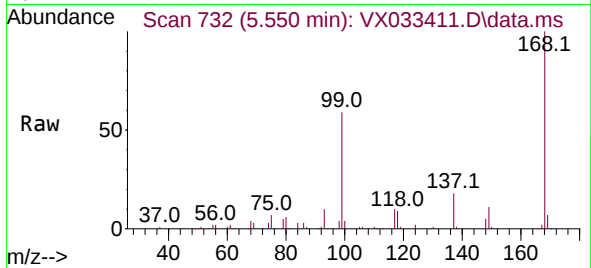




#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

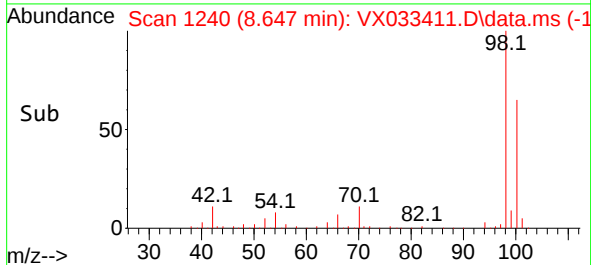
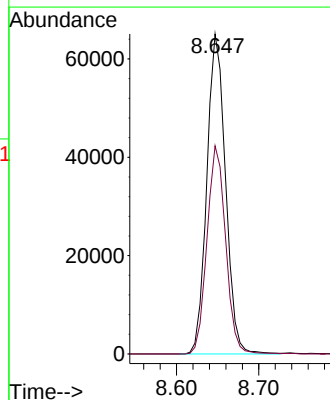
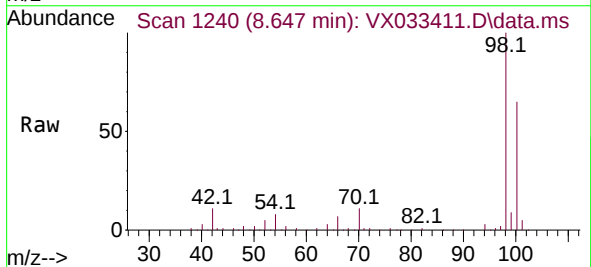
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

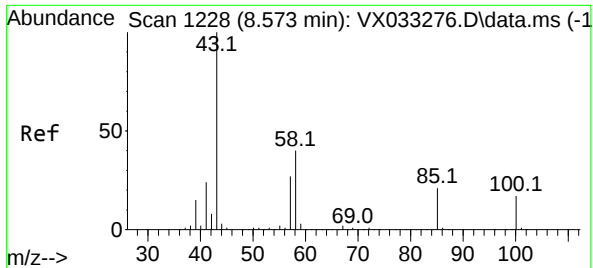
Tgt Ion:117 Resp: 14241
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.157 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion: 98 Resp: 102870
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.216 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033411.D

Acq: 14 Dec 2022 10:42

Instrument :

MSVOA_X

ClientSampleId :

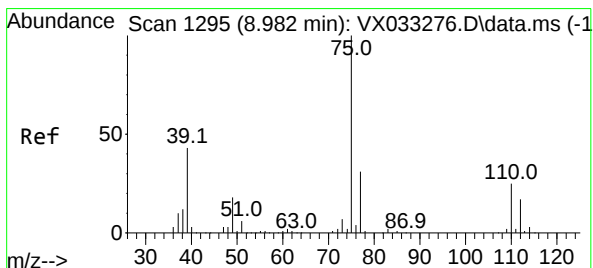
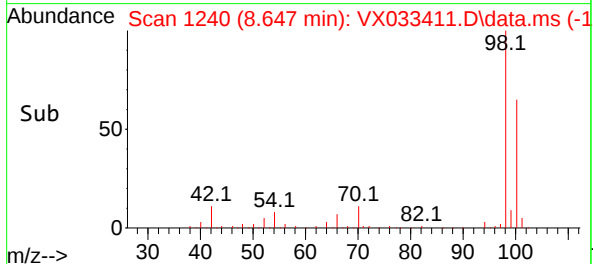
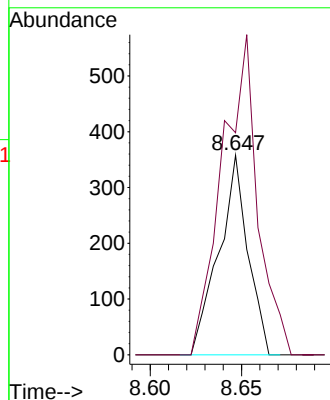
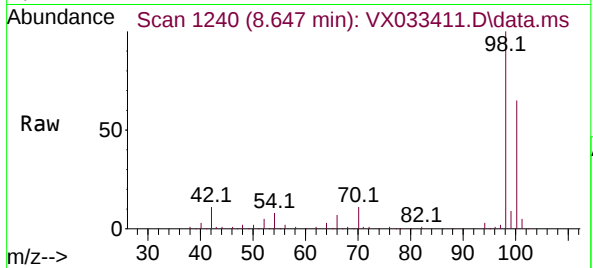
VX1214WBL01

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

58 195.0 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 2.533 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX033411.D

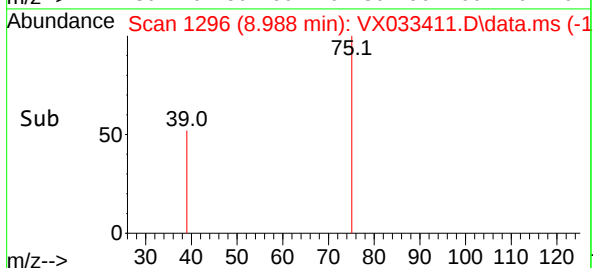
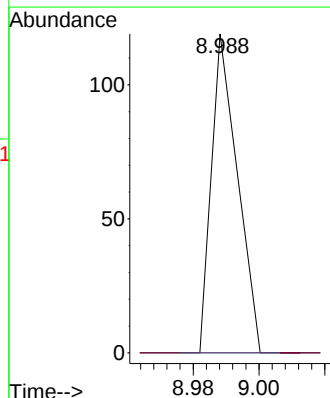
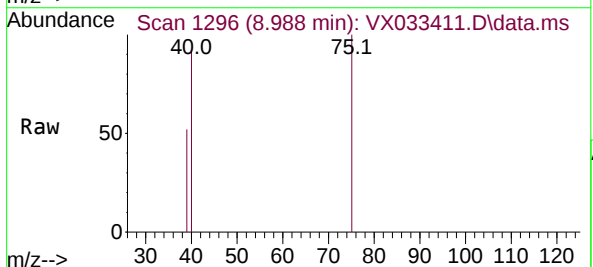
Acq: 14 Dec 2022 10:42

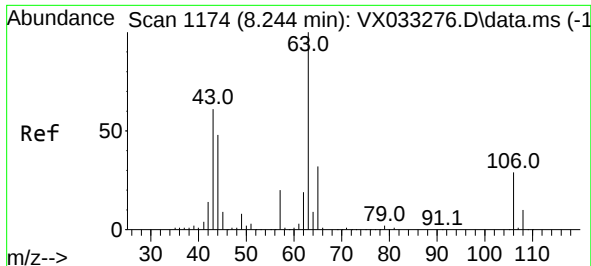
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

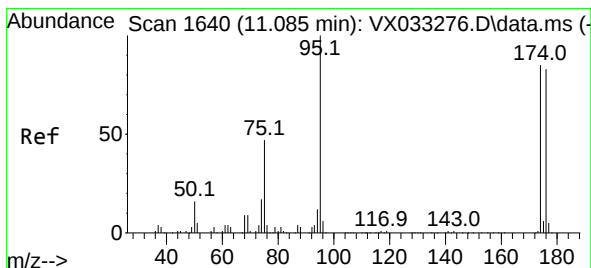
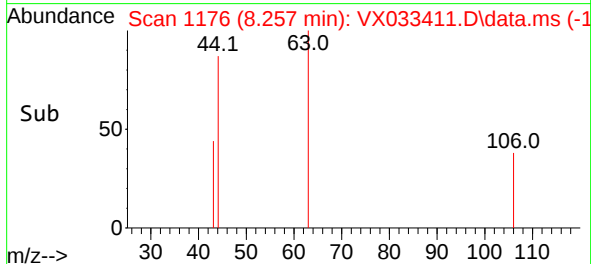
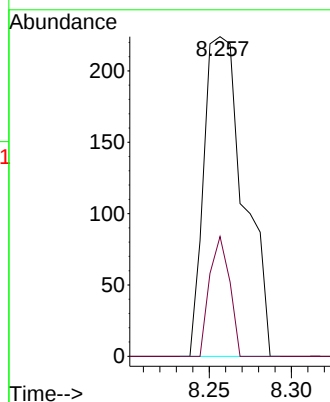
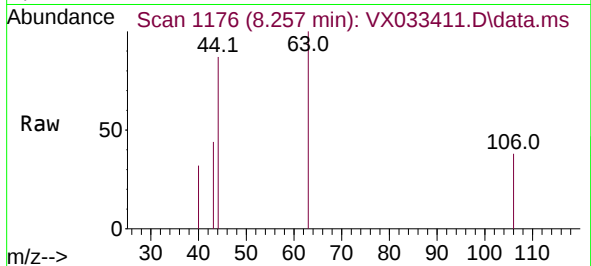




#58
2-Chloroethyl Vinyl ether
Concen: 0.388 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

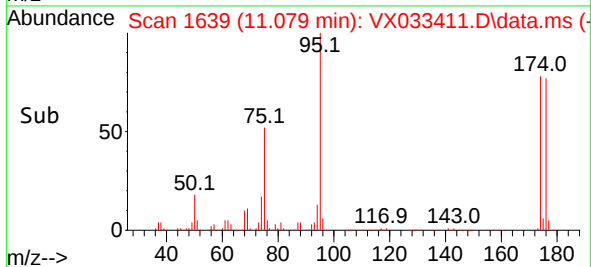
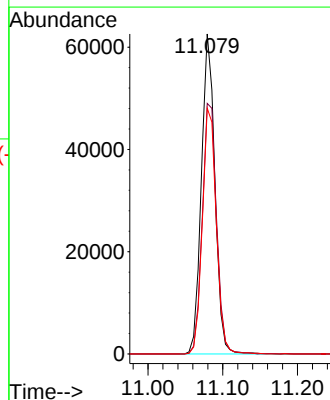
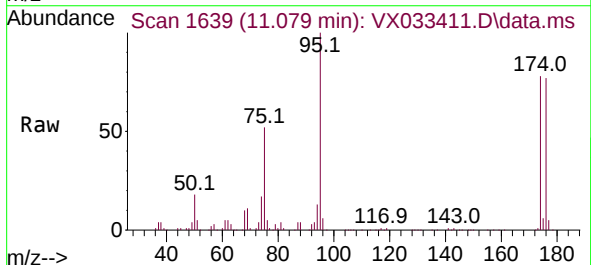
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

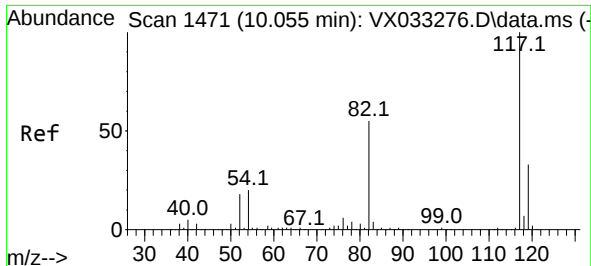
Tgt Ion: 63 Resp: 379
Ion Ratio Lower Upper
63 100
106 18.7 23.3 34.9#



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion: 95 Resp: 78407
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.4 0.0 154.4

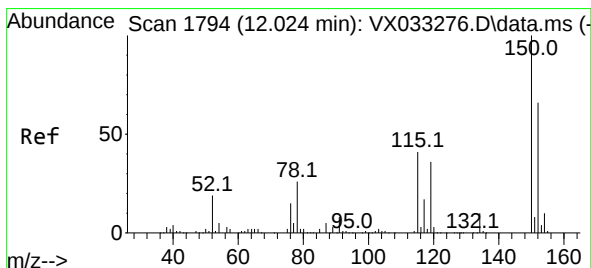
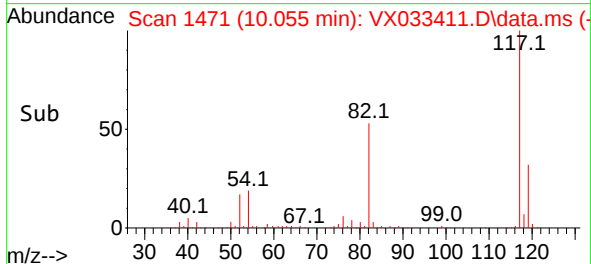
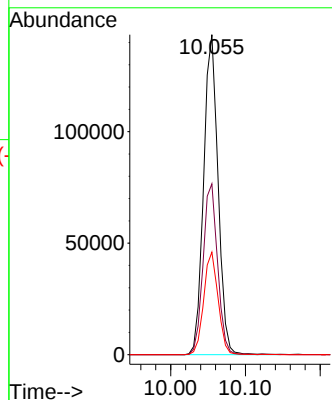
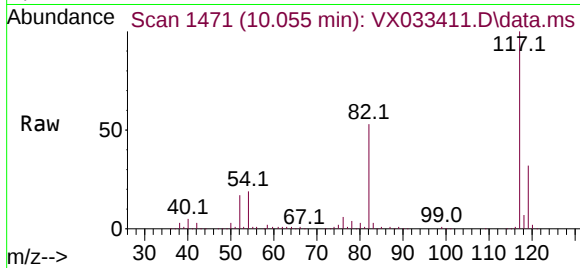




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

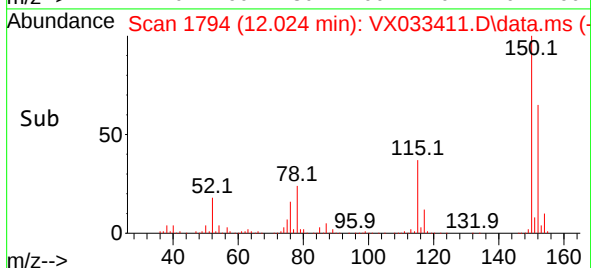
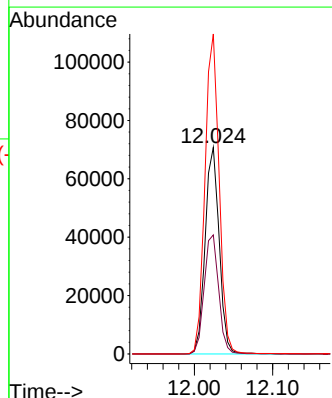
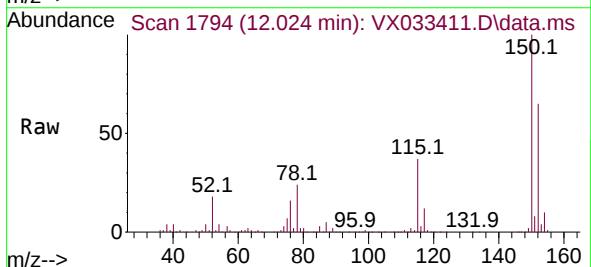
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

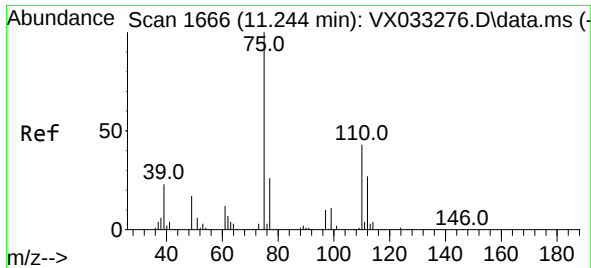
Tgt Ion:117 Resp: 192329
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion:152 Resp: 87894
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 156.0 0.0 351.8

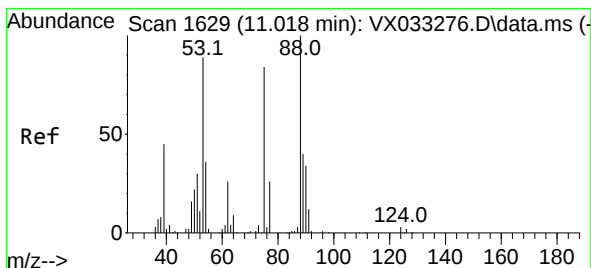
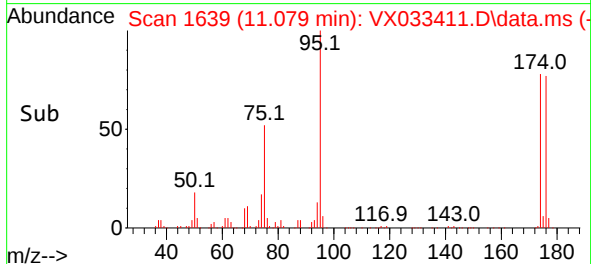
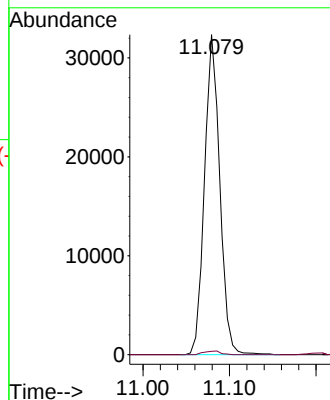
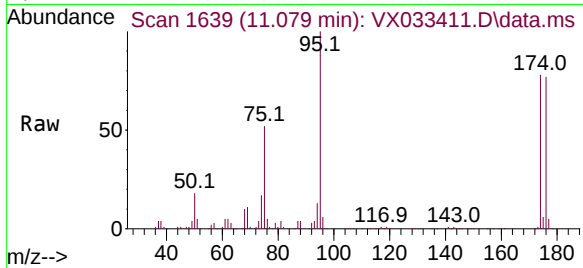




#76
1,2,3-Trichloropropane
Concen: 22.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

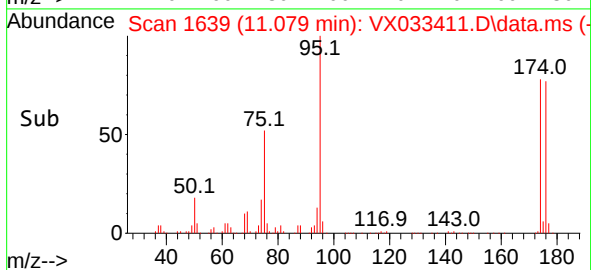
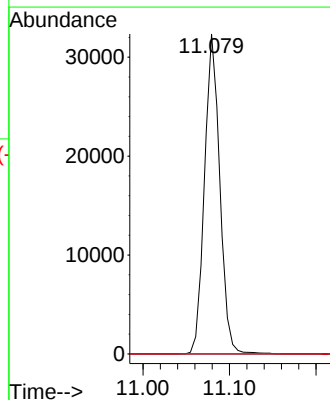
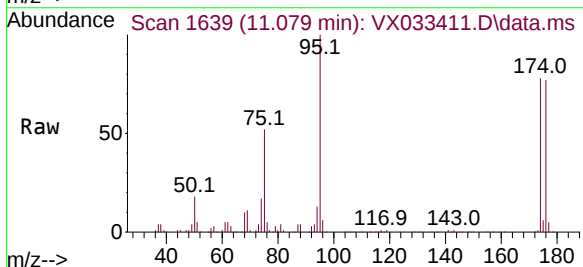
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

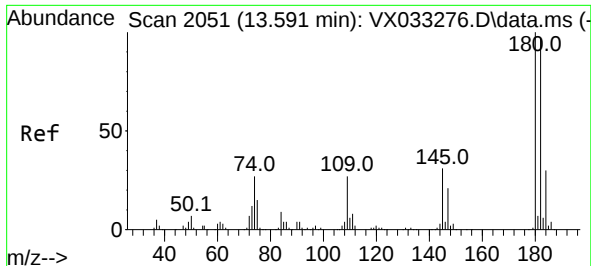
Tgt Ion: 75 Resp: 39639
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion: 75 Resp: 39639
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

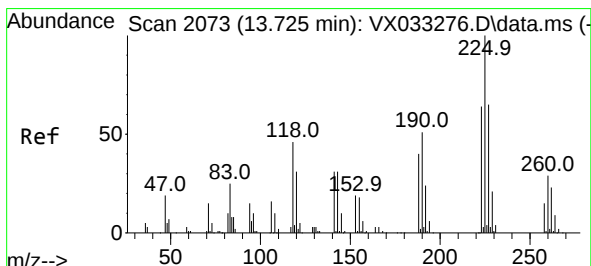
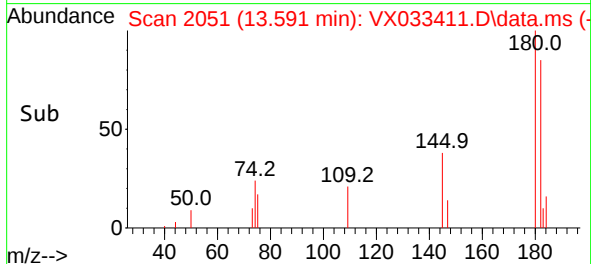
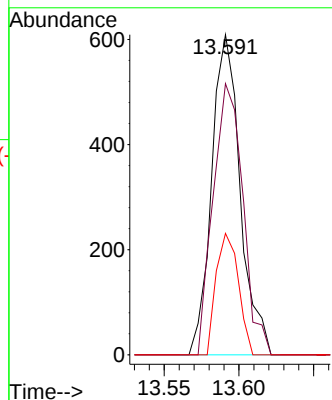
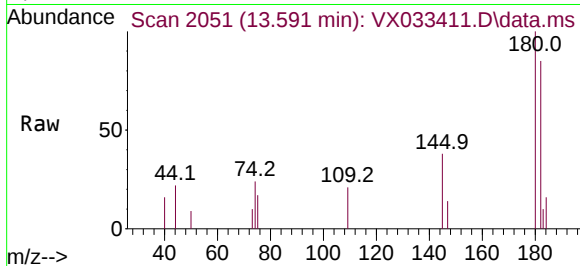




#93
1,2,4-Trichlorobenzene
Concen: 0.460 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

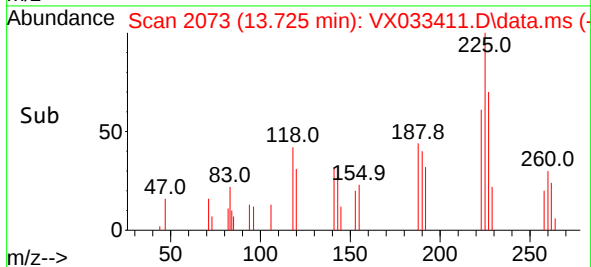
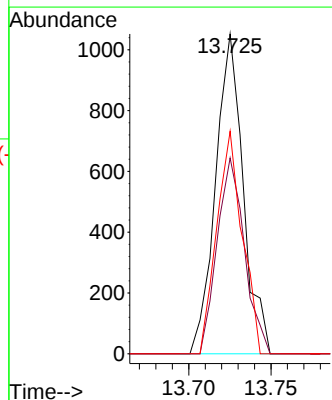
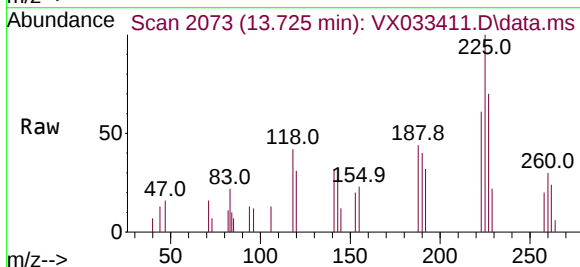
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

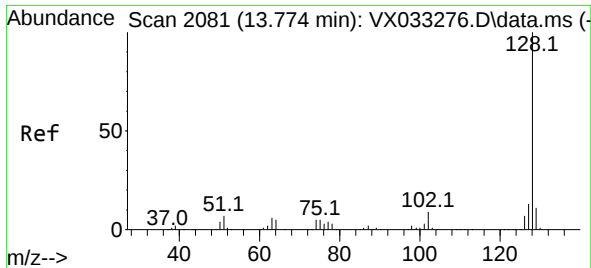
Tgt Ion:180 Resp: 809
Ion Ratio Lower Upper
180 100
182 88.0 48.4 145.0
145 29.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 1.746 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion:225 Resp: 1230
Ion Ratio Lower Upper
225 100
223 60.2 31.9 95.9
227 64.0 31.9 95.5

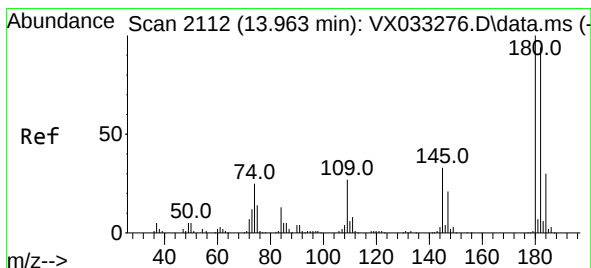
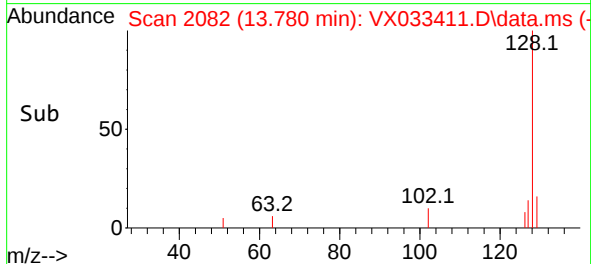
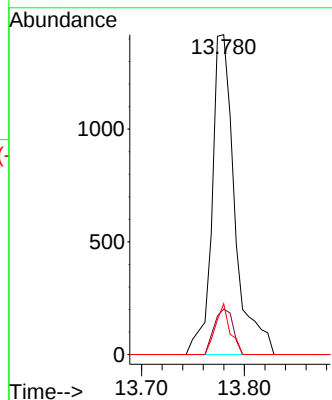
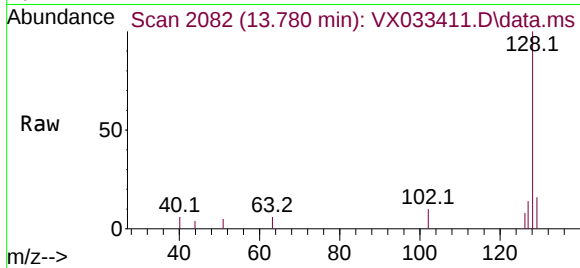




#95
Naphthalene
Concen: 0.371 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion:	128	Resp:	2176
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	10.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.430 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033411.D
Acq: 14 Dec 2022 10:42

Tgt Ion:	180	Resp:	766
Ion	Ratio	Lower	Upper
180	100		
182	105.2	47.5	142.6
145	28.3	16.9	50.6

