

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033310.D
 Acq On : 08 Dec 2022 09:58
 Operator : JC/MD
 Sample : VX1208MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208MBL01

Quant Time: Dec 09 00:42:04 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	162575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100919	50.000	ug/l	0.00

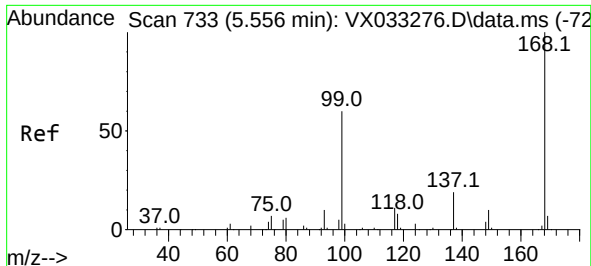
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48295	46.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	52666	46.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	111688	46.911	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.820%
62) 4-Bromofluorobenzene	11.079	95	85291	46.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%

Target Compounds			Qvalue			
5) Bromomethane	1.624	94	303	0.275	ug/l #	63
11) Tert butyl alcohol	2.940	59	1553	4.870	ug/l #	72
13) Acrolein	2.245	56	118	0.341	ug/l #	14
15) Acrylonitrile	3.081	53	186	0.235	ug/l #	39
16) Acetone	2.392	43	242	0.314	ug/l #	45
17) Carbon Disulfide	2.514	76	1387	0.367	ug/l	97
20) Methylene Chloride	2.794	84	532	0.309	ug/l #	80
31) Cyclohexane	5.550	56	3301	1.332	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12454	5.613	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16651	6.698	ug/l #	14
53) t-1,3-Dichloropropene	8.988	75	84	2.536	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	43659	21.264	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43659	66.145	ug/l #	6
94) Hexachlorobutadiene	13.725	225	922	1.140	ug/l	95
95) Naphthalene	13.780	128	1792	0.266	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	569	0.278	ug/l	96

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

Quant Time: Dec 09 00:42:04 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

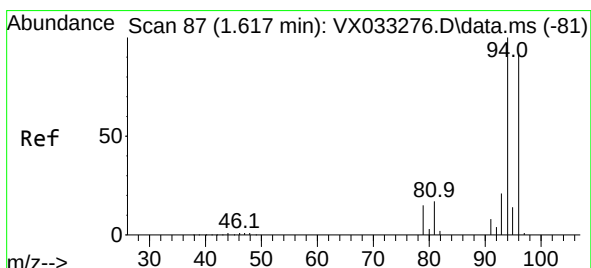
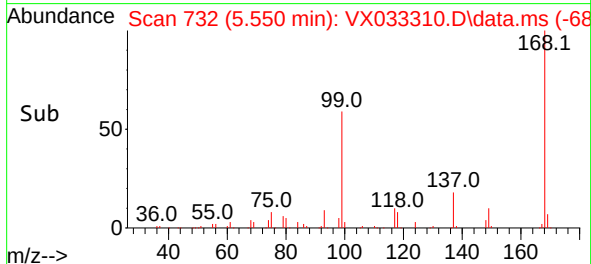
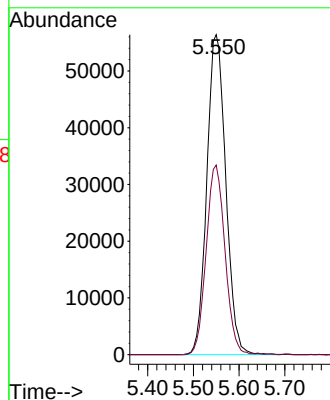
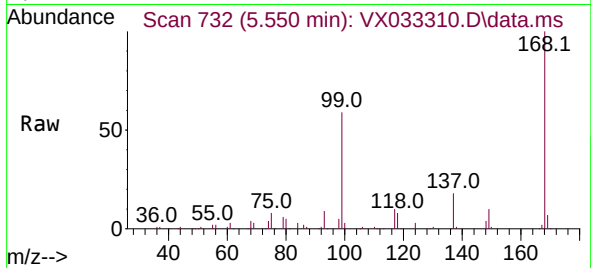




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

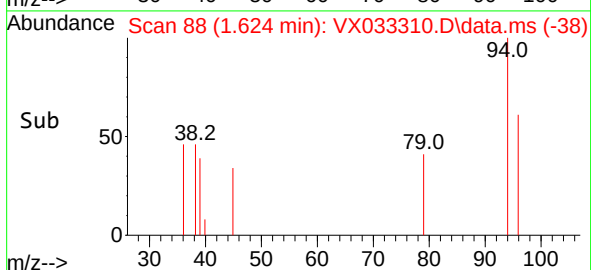
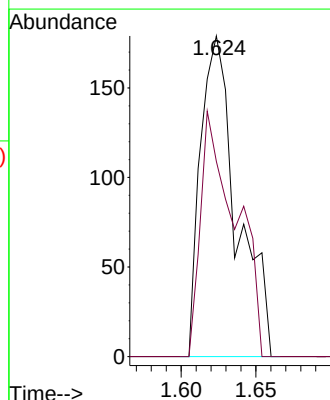
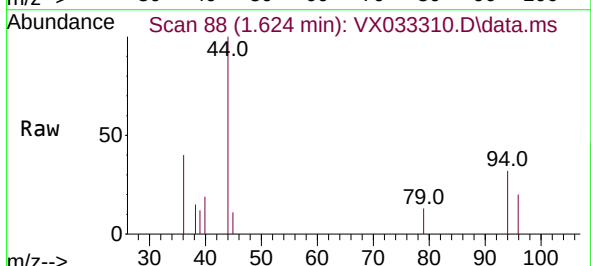
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

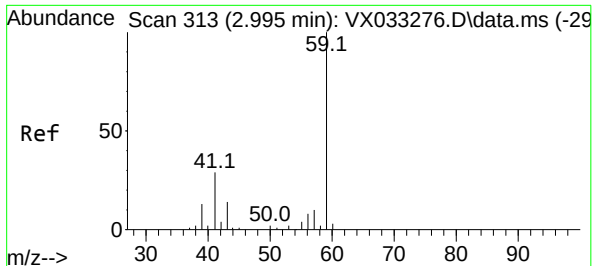
Tgt Ion:168 Resp: 162575
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 60.9 77.6 116.4#

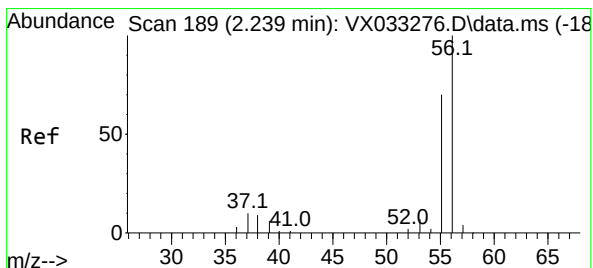
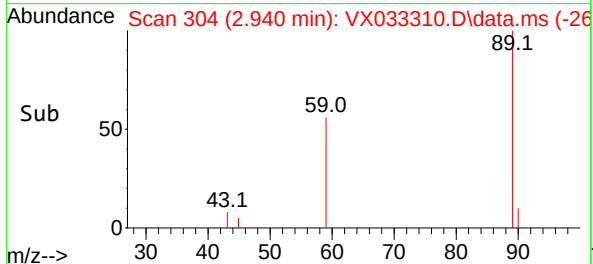
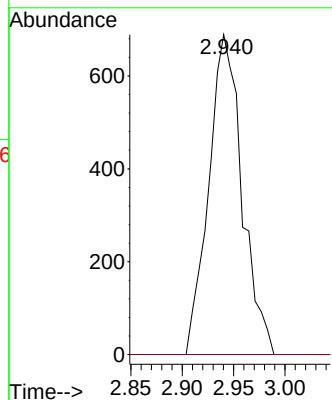
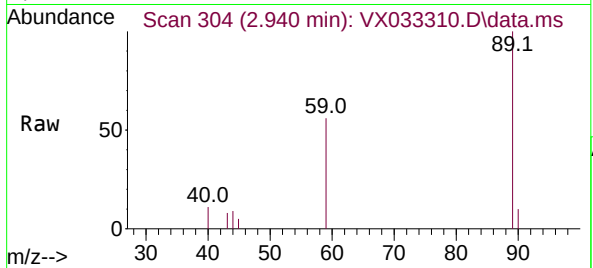




#11
Tert butyl alcohol
Concen: 4.870 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

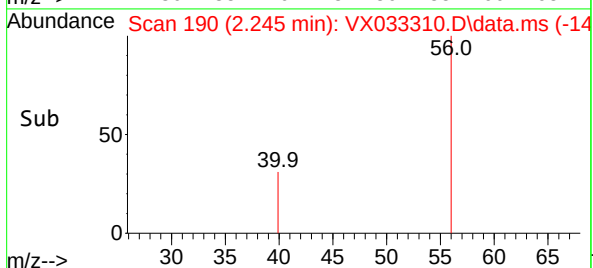
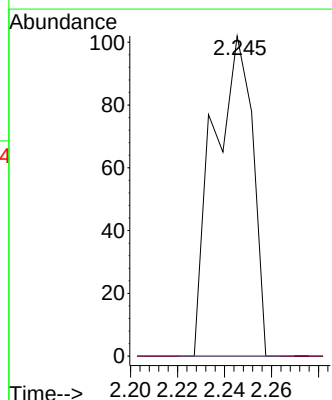
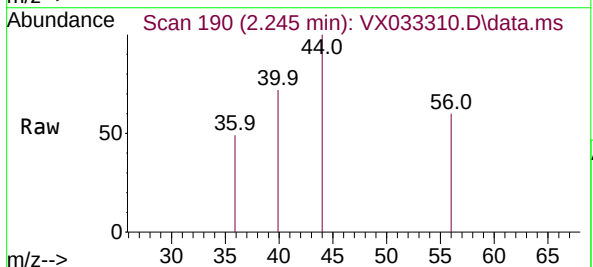
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

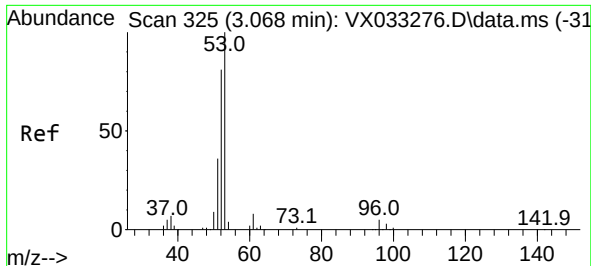
Tgt Ion: 59 Resp: 1553
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.341 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#15

Acrylonitrile

Concen: 0.235 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX033310.D

Acq: 08 Dec 2022 09:58

Instrument :

MSVOA_X

ClientSampleId :

VX1208MBL01

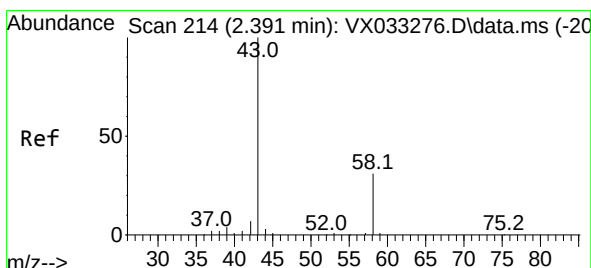
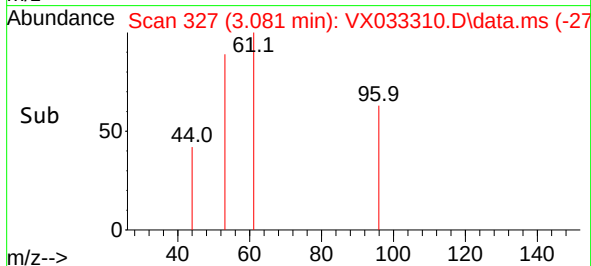
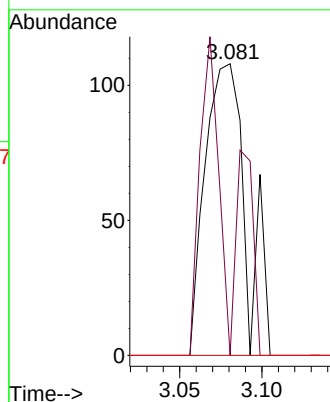
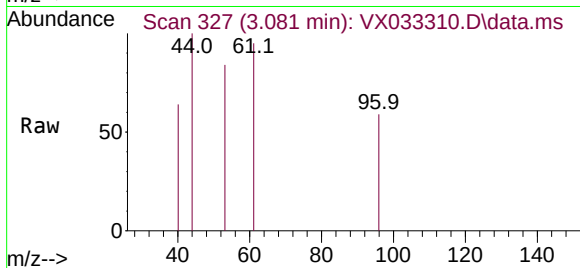
Tgt Ion: 53 Resp: 186

Ion Ratio Lower Upper

53 100

52 29.0 67.4 101.0#

51 0.0 30.3 45.5#



#16

Acetone

Concen: 0.314 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX033310.D

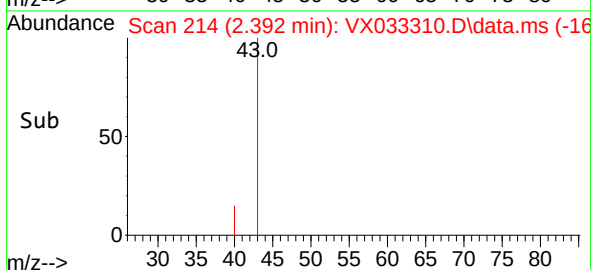
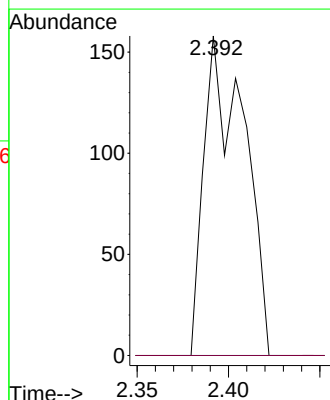
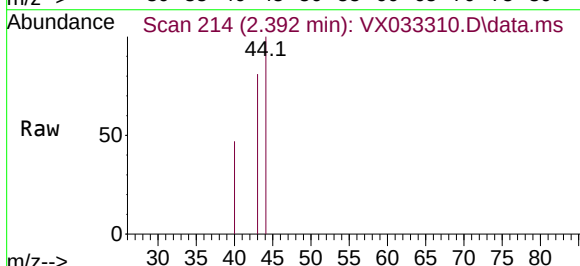
Acq: 08 Dec 2022 09:58

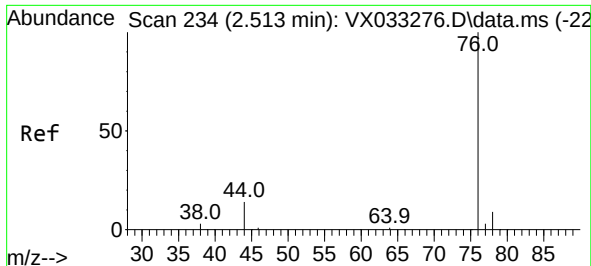
Tgt Ion: 43 Resp: 242

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#

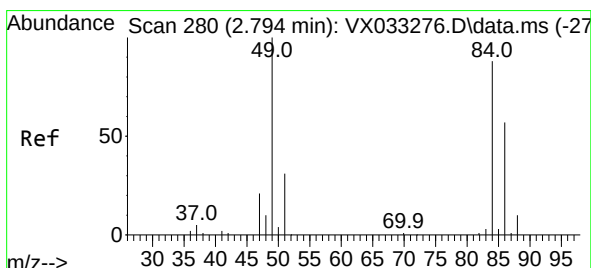
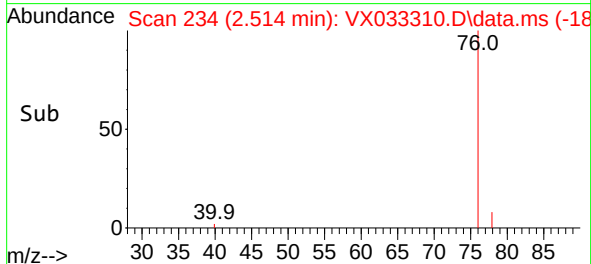
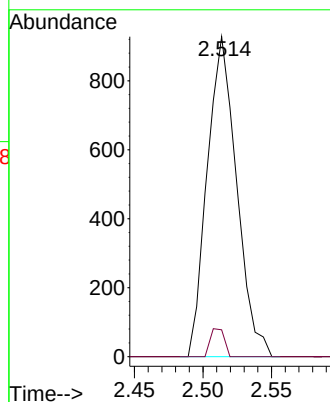
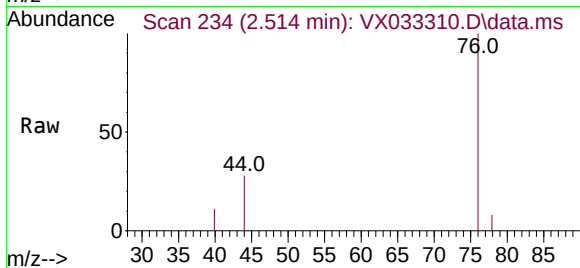




#17
Carbon Disulfide
Concen: 0.367 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

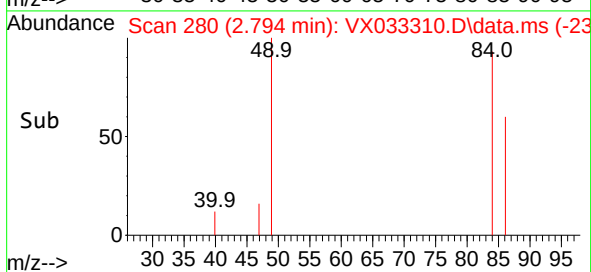
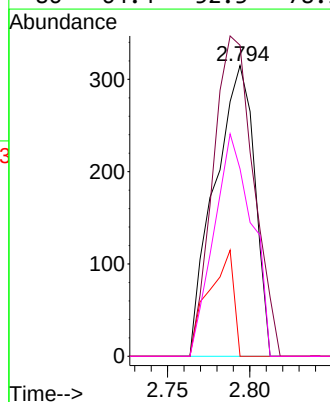
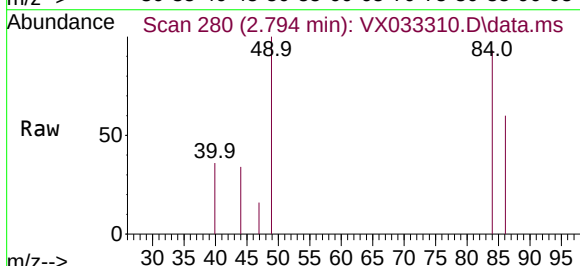
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

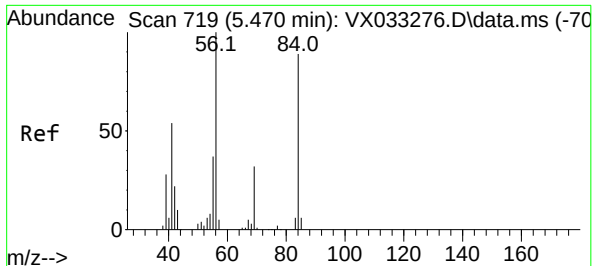
Tgt Ion: 76 Resp: 1387
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#20
Methylene Chloride
Concen: 0.309 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 84 Resp: 532
Ion Ratio Lower Upper
84 100
49 107.0 101.0 151.6
51 0.0 31.1 46.7#
86 64.4 52.3 78.5

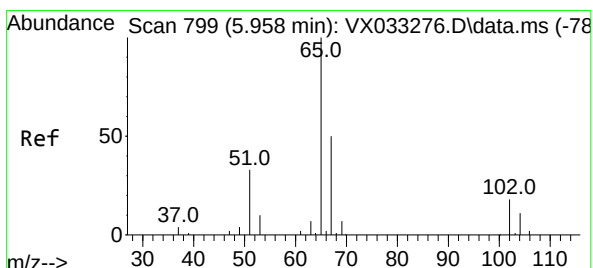
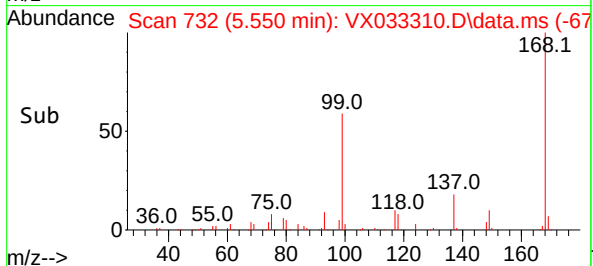
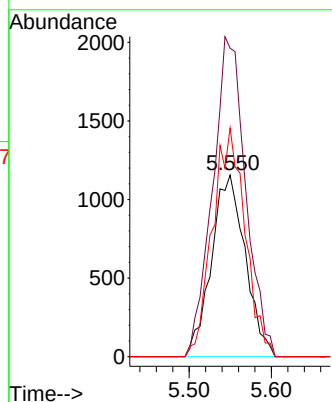
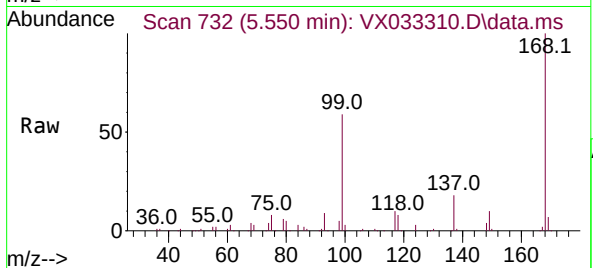




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

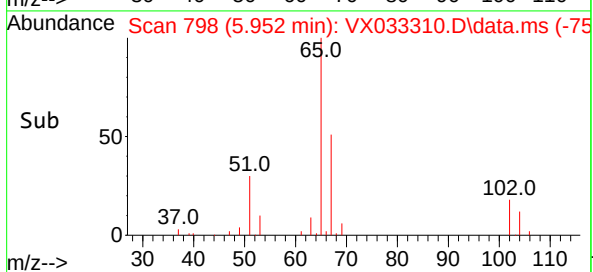
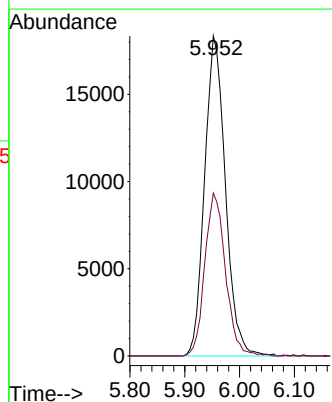
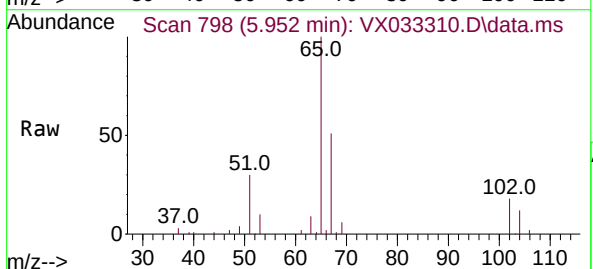
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

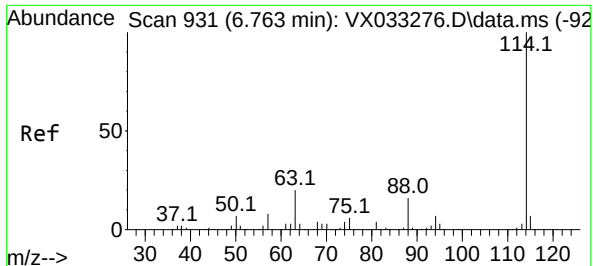
Tgt Ion: 56 Resp: 3301
Ion Ratio Lower Upper
56 100
69 170.0 24.1 36.1#
84 126.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.305 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 65 Resp: 48295
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033310.D

Acq: 08 Dec 2022 09:58

Instrument :

MSVOA_X

ClientSampleId :

VX1208MBL01

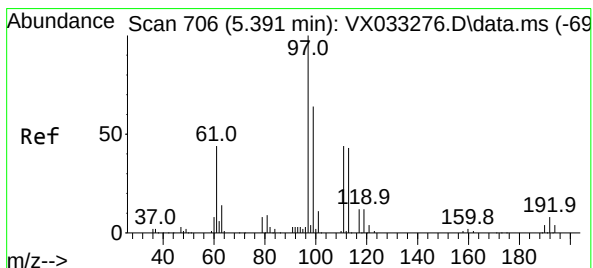
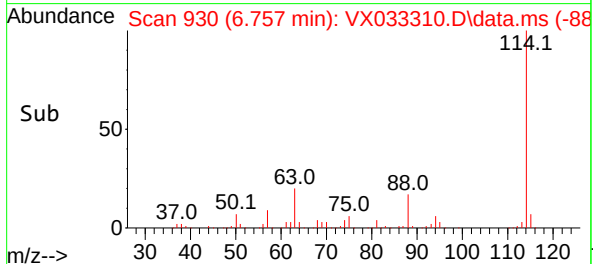
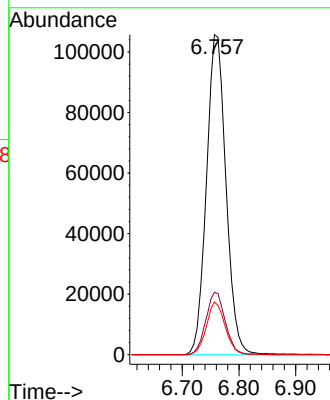
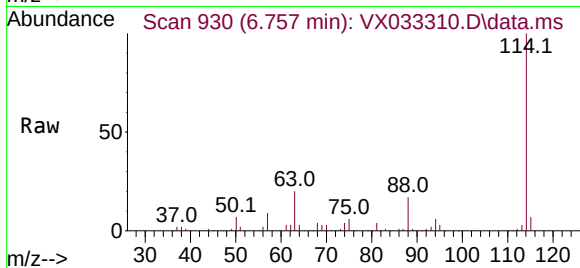
Tgt Ion:114 Resp: 253037

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 16.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 46.275 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033310.D

Acq: 08 Dec 2022 09:58

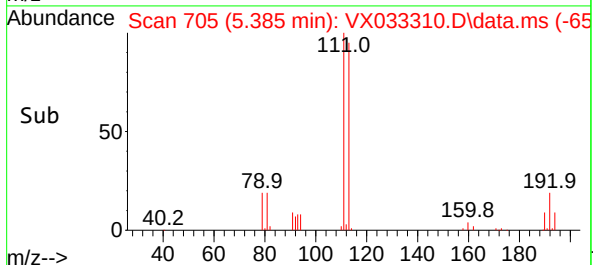
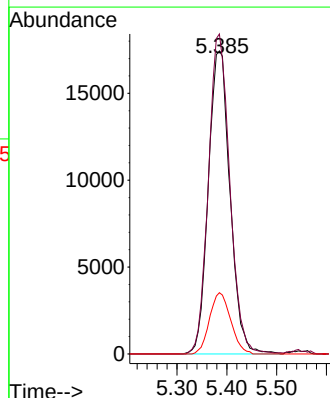
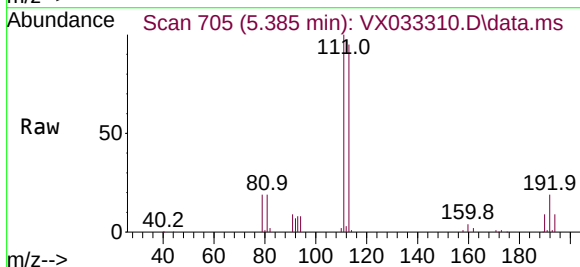
Tgt Ion:113 Resp: 52666

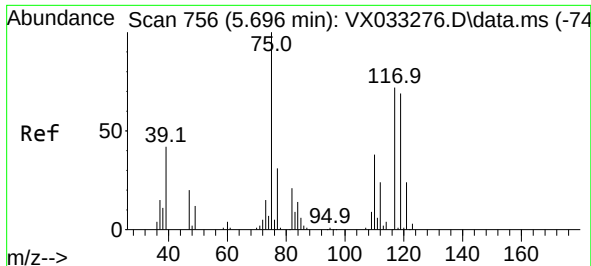
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 19.7 15.4 23.2

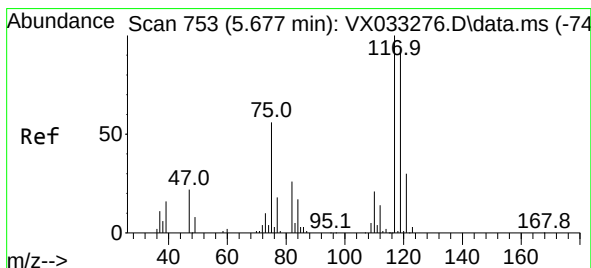
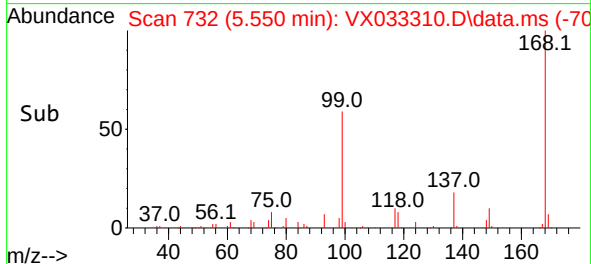
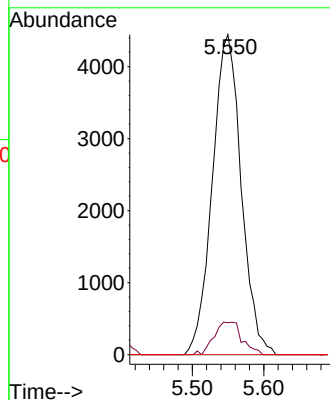
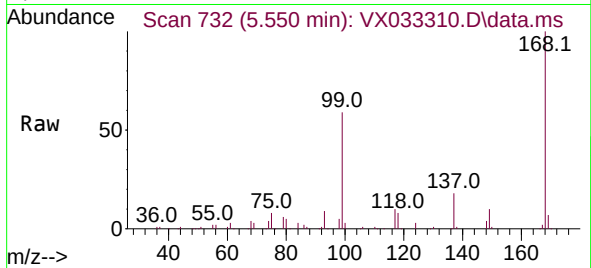




#36
1,1-Dichloropropene
Concen: 5.613 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

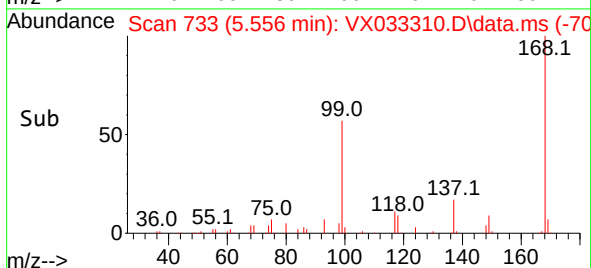
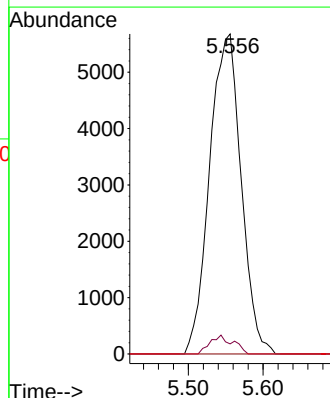
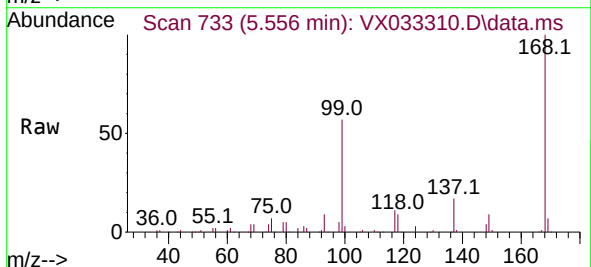
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

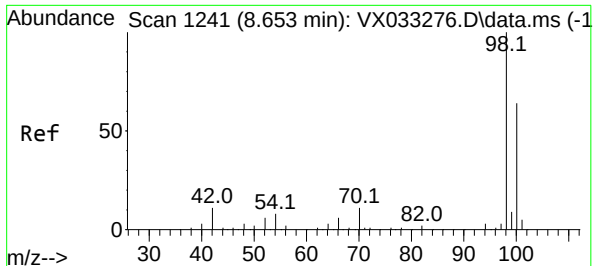
Tgt Ion: 75 Resp: 12454
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.698 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 117 Resp: 16651
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 25.8 38.6#

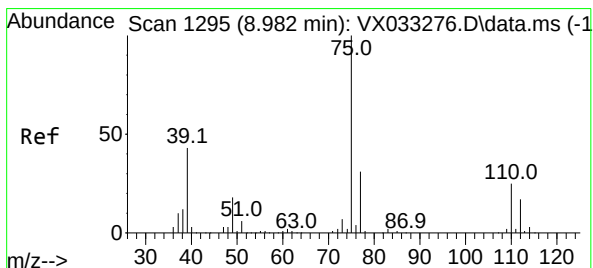
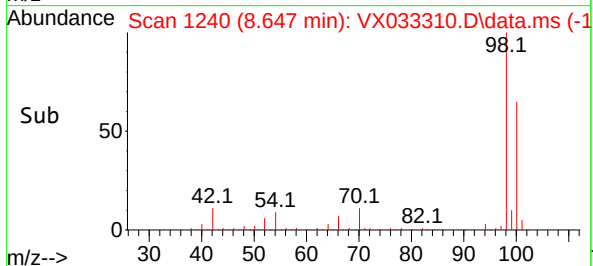
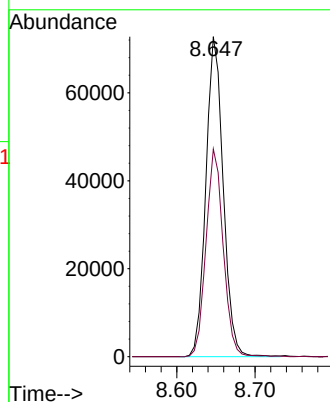
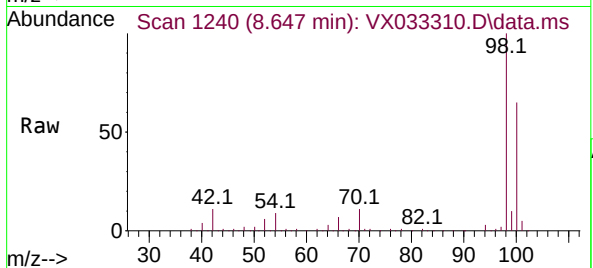




#50
Toluene-d8
Concen: 46.911 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

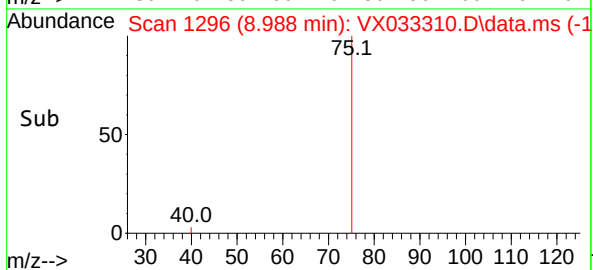
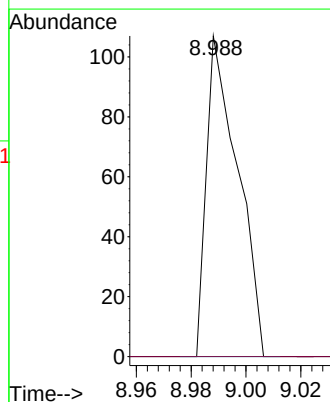
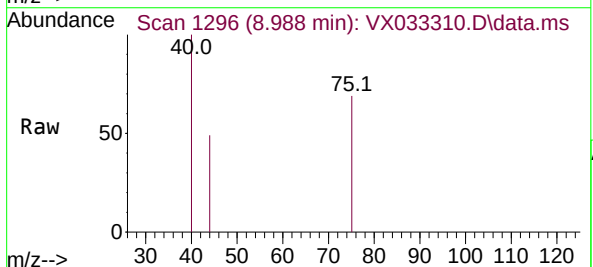
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

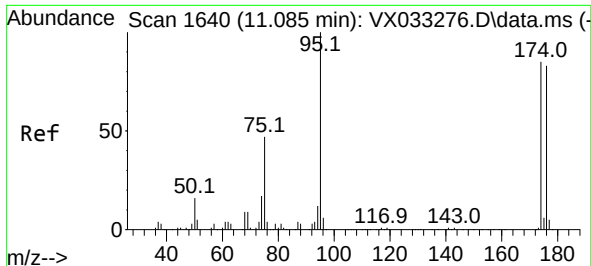
Tgt Ion: 98 Resp: 111688
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#53
t-1,3-Dichloropropene
Concen: 2.536 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 75 Resp: 84
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

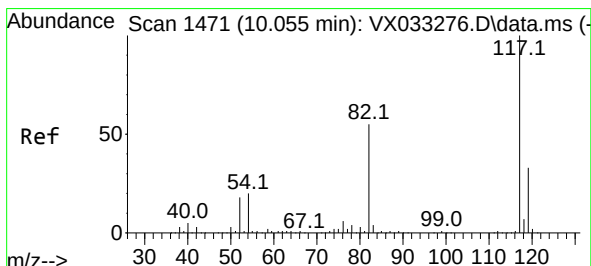
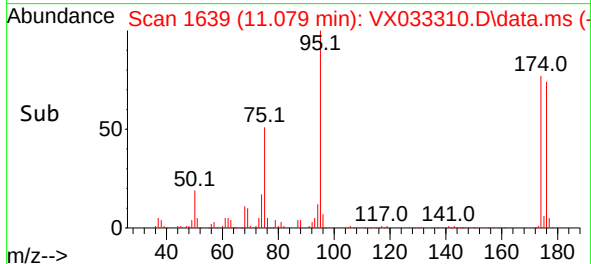
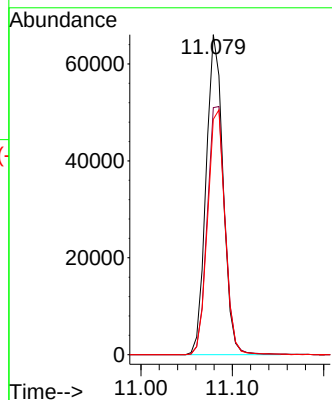
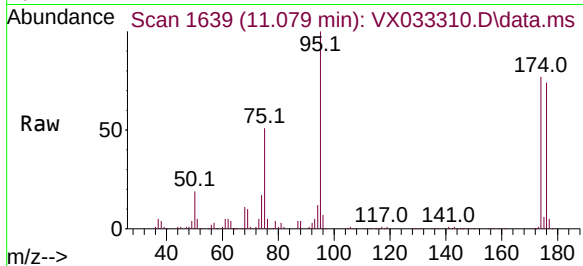




#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

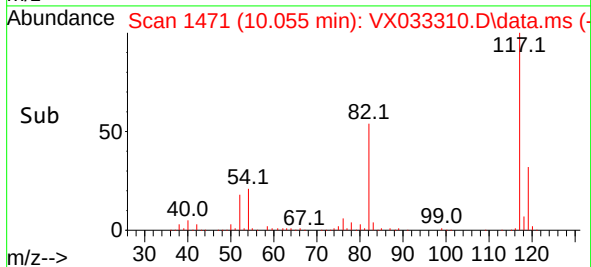
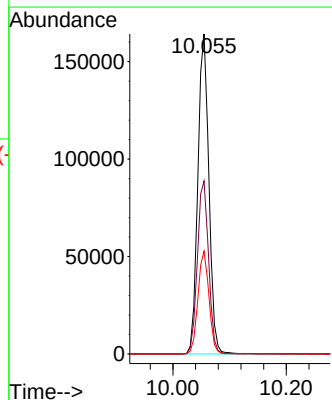
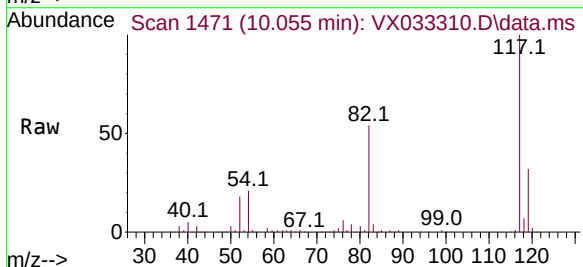
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

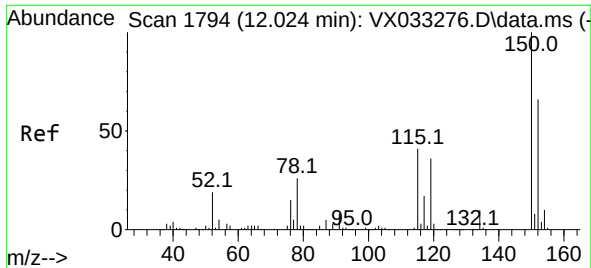
Tgt Ion: 95 Resp: 85291
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 117 Resp: 221473
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.2 25.7 38.5

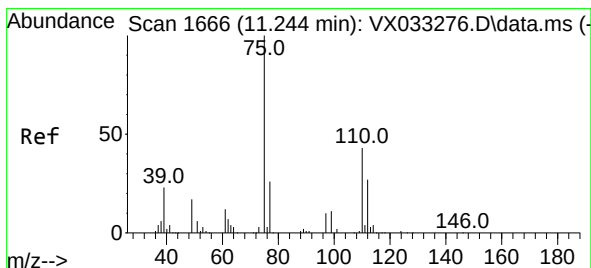
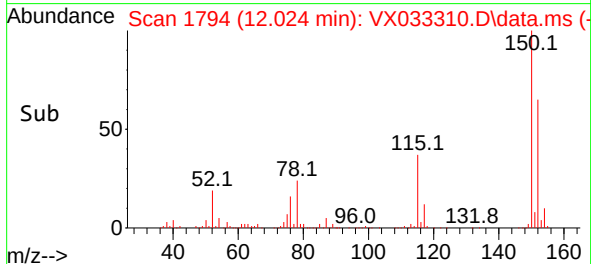
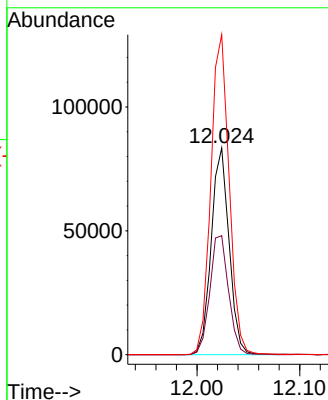
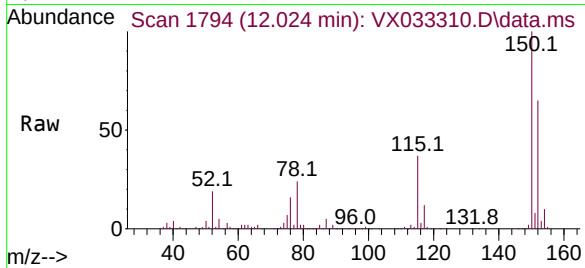




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033310.D
 Acq: 08 Dec 2022 09:58

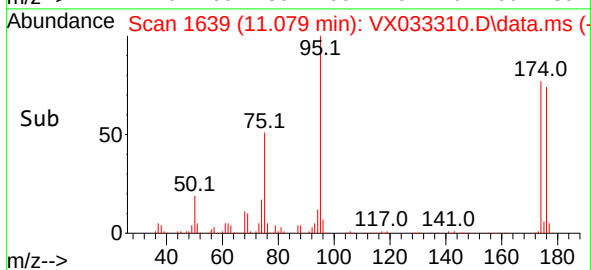
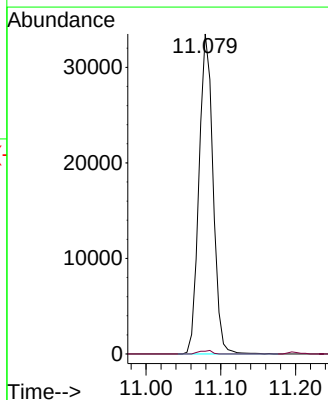
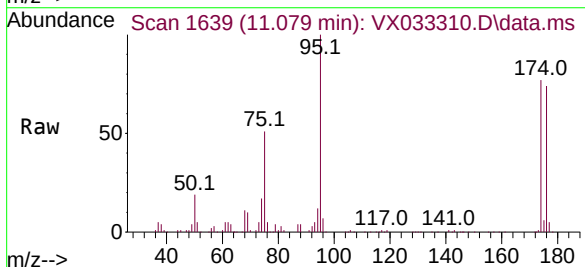
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1208MBL01

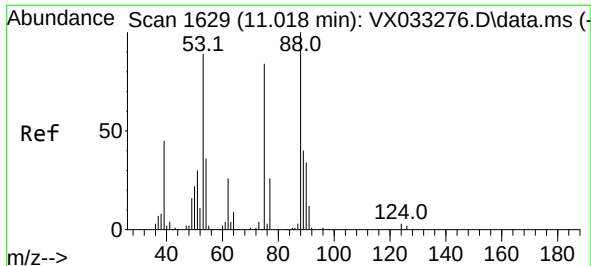
Tgt Ion:152 Resp: 100919
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.0 132.0
 150 158.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 21.264 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033310.D
 Acq: 08 Dec 2022 09:58

Tgt Ion: 75 Resp: 43659
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#

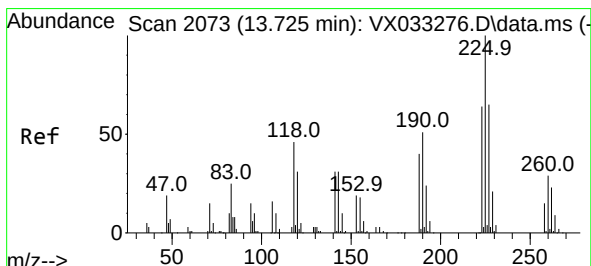
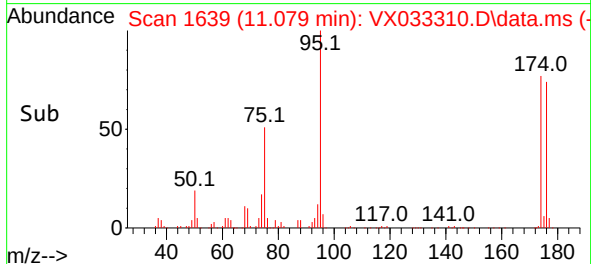
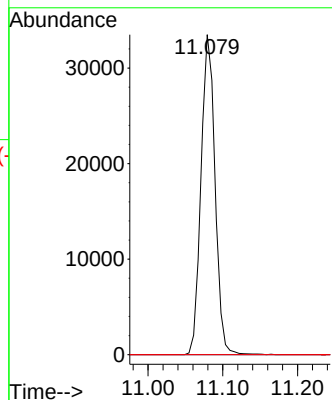
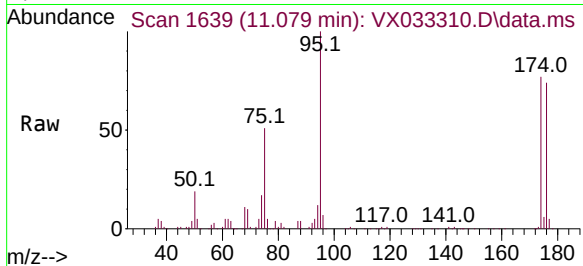




#81
trans-1,4-Dichloro-2-butene
Concen: 66.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

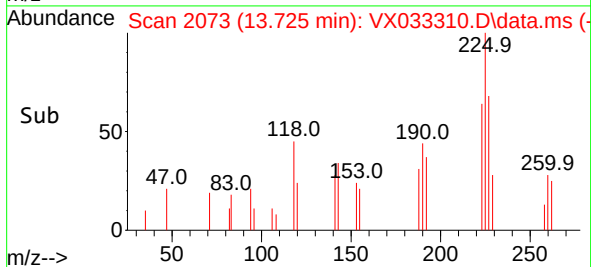
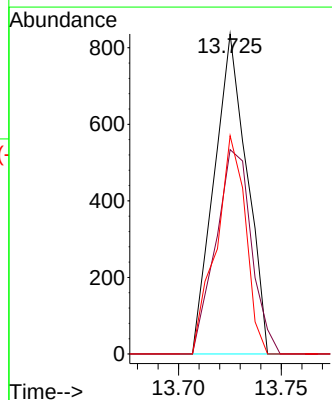
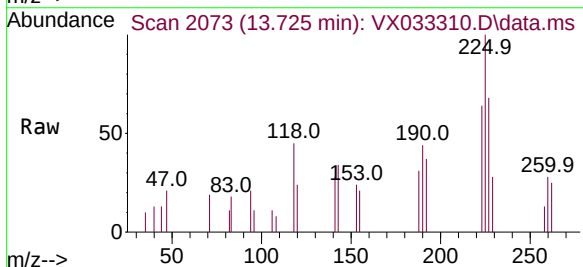
Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

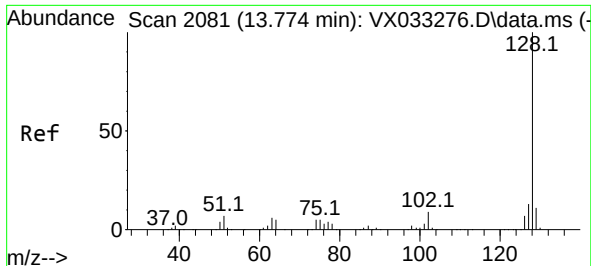
Tgt Ion: 75 Resp: 43659
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 1.140 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion: 225 Resp: 922
Ion Ratio Lower Upper
225 100
223 70.1 31.9 95.9
227 61.6 31.9 95.5

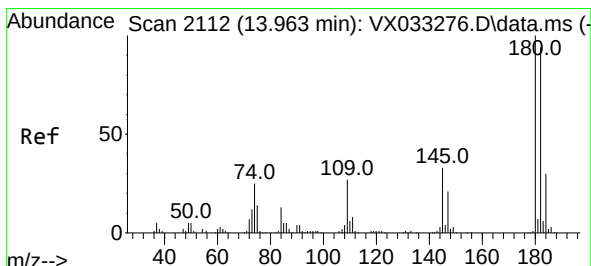
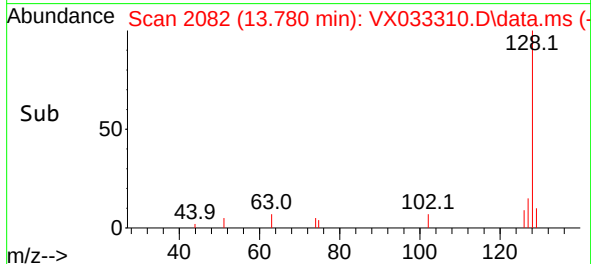
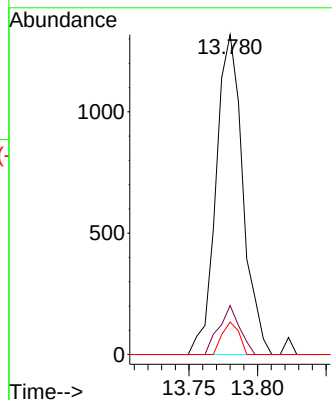
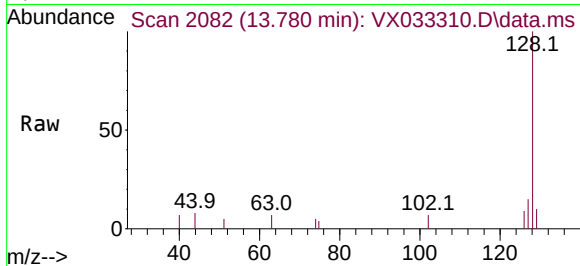




#95
Naphthalene
Concen: 0.266 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Instrument :
MSVOA_X
ClientSampleId :
VX1208MBL01

Tgt Ion:128 Resp: 1792
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 6.4 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.278 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033310.D
Acq: 08 Dec 2022 09:58

Tgt Ion:180 Resp: 569
Ion Ratio Lower Upper
180 100
182 90.9 47.5 142.6
145 32.7 16.9 50.6

