

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027636.D
 Acq On : 23 Mar 2022 00:58
 Operator : JC/MD
 Sample : N2062-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 23 07:41:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	353545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	553374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188179	43.207	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.420%
35) Dibromofluoromethane	5.391	113	182498	51.259	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.520%
50) Toluene-d8	8.653	98	652211	48.410	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.085	95	231015	46.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.300%

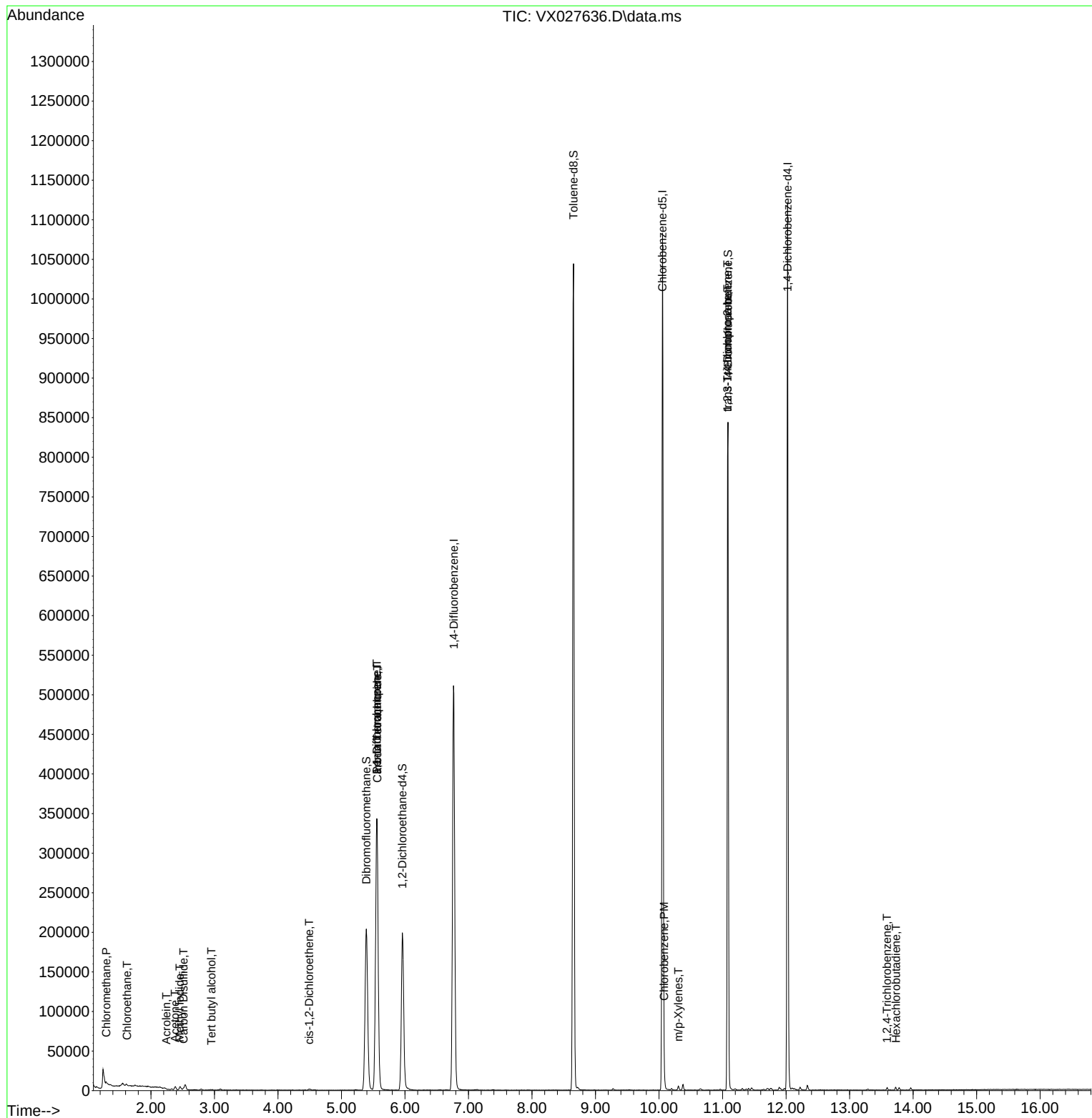
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	655	0.217	ug/l	90
5) Bromomethane	1.618	94	1026	Below Cal	#	75
6) Chloroethane	1.624	64	636	0.298	ug/l #	45
10) Methyl Iodide	2.453	142	4959	1.095	ug/l	98
11) Tert butyl alcohol	2.953	59	456	0.549	ug/l #	72
13) Acrolein	2.239	56	162	0.252	ug/l #	75
16) Acetone	2.380	43	4460	2.512	ug/l #	83
17) Carbon Disulfide	2.514	76	2438	0.292	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	868	0.214	ug/l	96
36) 1,1-Dichloropropene	5.556	75	22816	4.689	ug/l #	50
38) Carbon Tetrachloride	5.562	117	33291	5.981	ug/l #	16
65) Chlorobenzene	10.080	112	7040	0.681	ug/l	97
68) m/p-Xylenes	10.305	106	1421	0.204	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	112925	23.602	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	112925	71.679	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	974	0.200	ug/l	87
94) Hexachlorobutadiene	13.731	225	622	0.289	ug/l	88

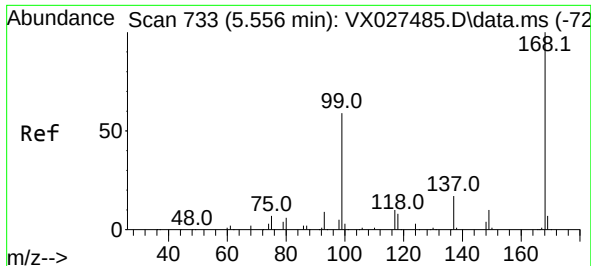
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027636.D
Acq On : 23 Mar 2022 00:58
Operator : JC/MD
Sample : N2062-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Time: Mar 23 07:41:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

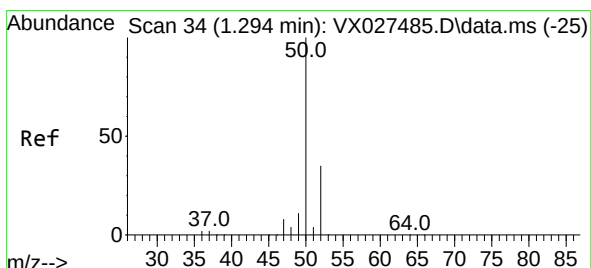
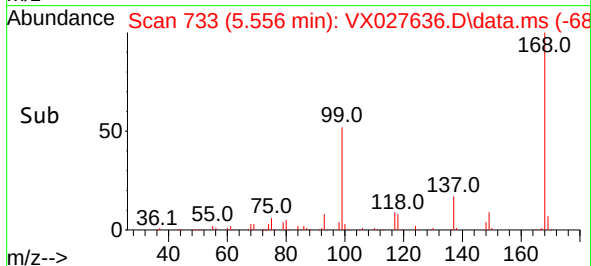
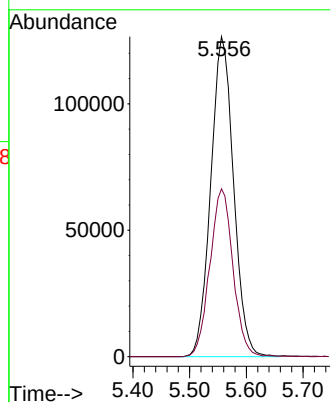
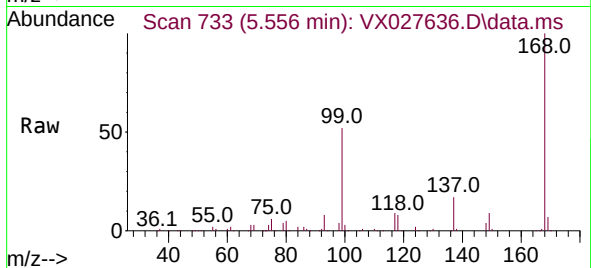




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

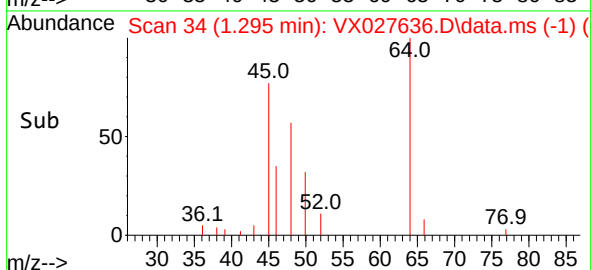
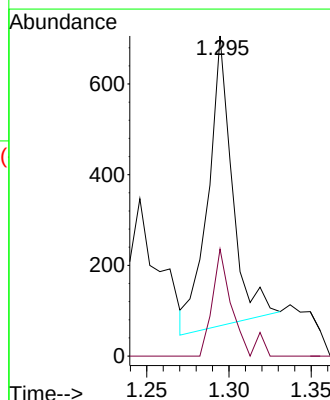
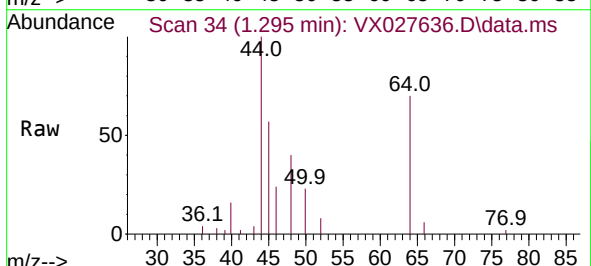
Instrument :
MSVOA_X
ClientSampleId :
MW-1

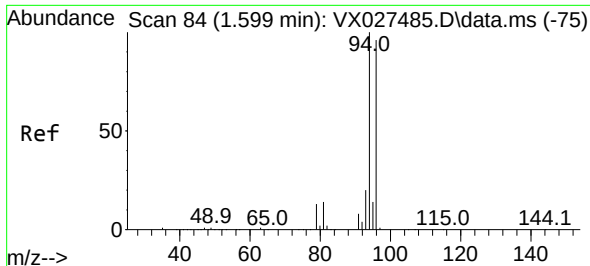
Tgt Ion:168 Resp: 353545
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 50 Resp: 655
Ion Ratio Lower Upper
50 100
52 38.8 26.4 39.6

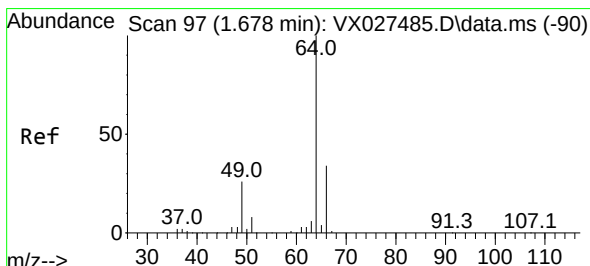
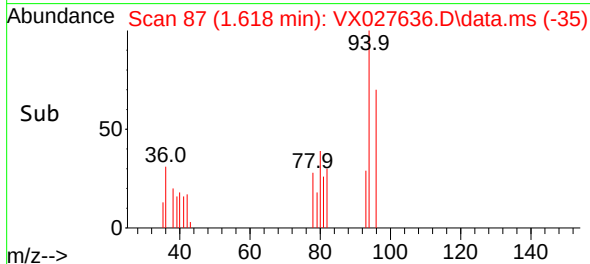
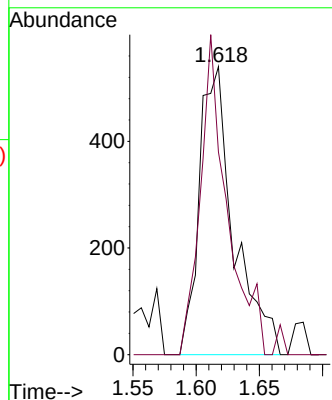
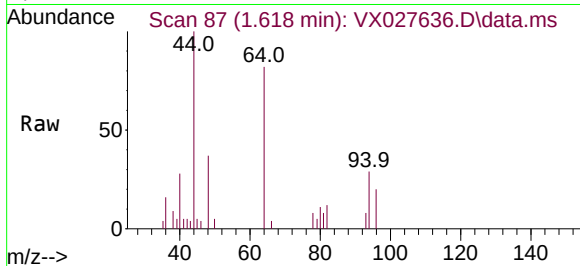




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

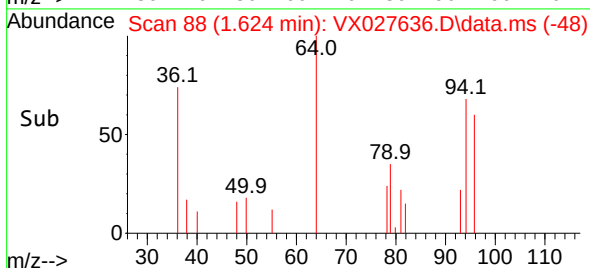
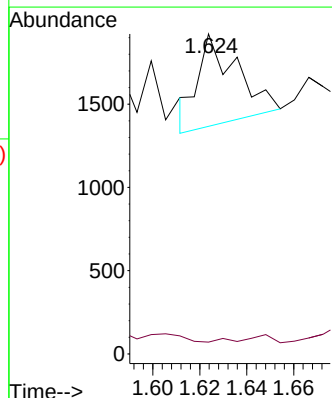
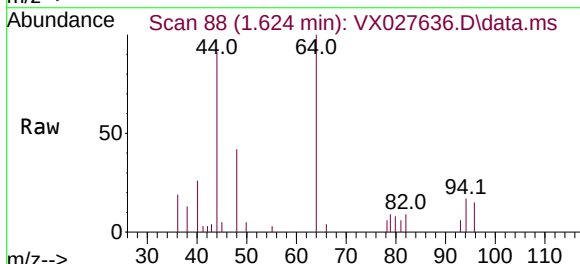
Instrument :
MSVOA_X
ClientSampleId :
MW-1

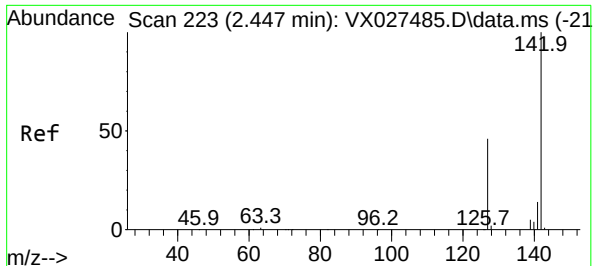
Tgt Ion: 94 Resp: 1026
Ion Ratio Lower Upper
94 100
96 70.4 75.3 112.9#



#6
Chloroethane
Concen: 0.298 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.055 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 64 Resp: 636
Ion Ratio Lower Upper
64 100
66 0.9 25.3 37.9#

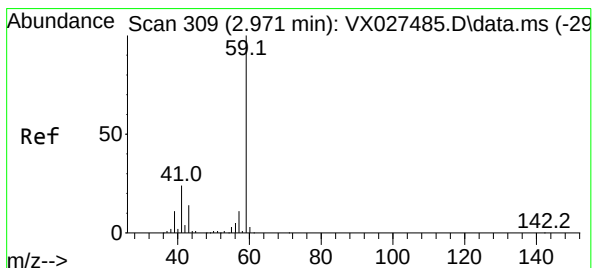
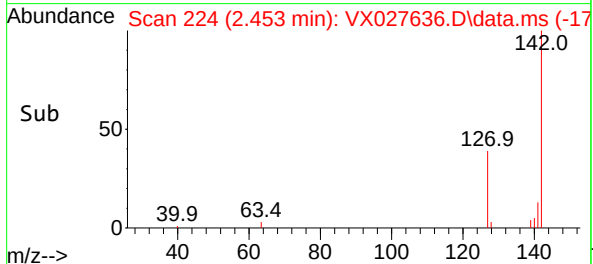
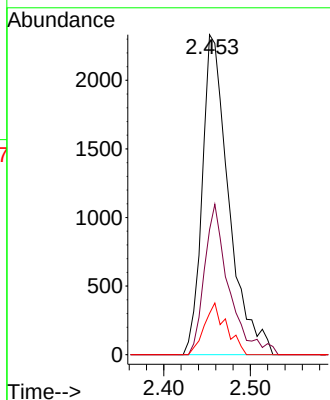
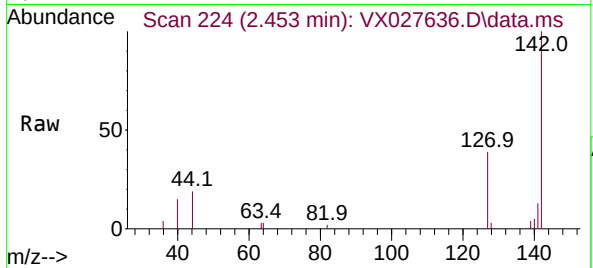




#10
Methyl Iodide
Concen: 1.095 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

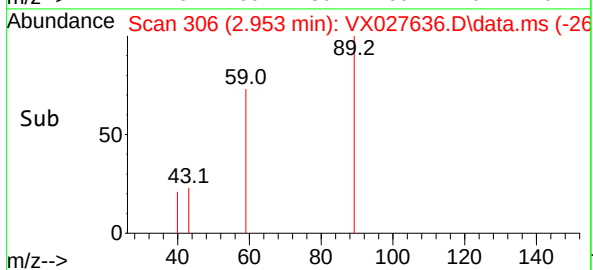
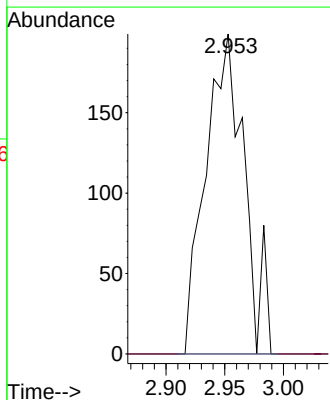
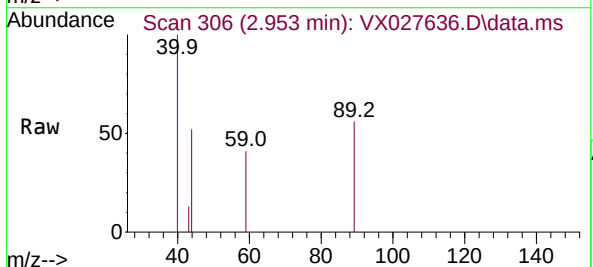
Instrument :
MSVOA_X
ClientSampleId :
MW-1

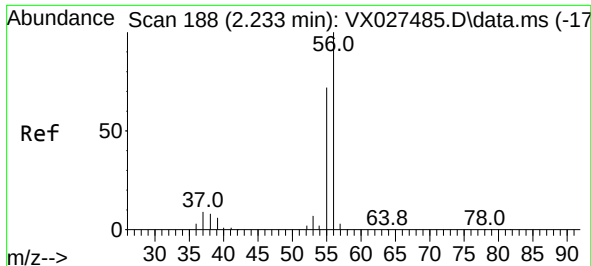
Tgt Ion:142 Resp: 4959
Ion Ratio Lower Upper
142 100
127 43.4 33.9 50.9
141 13.6 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.549 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

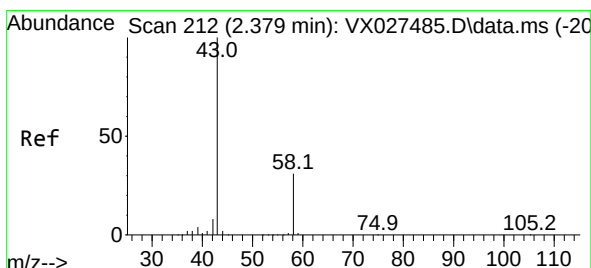
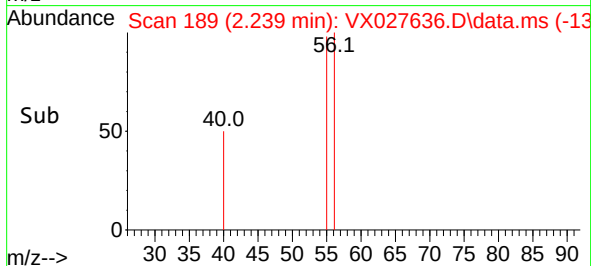
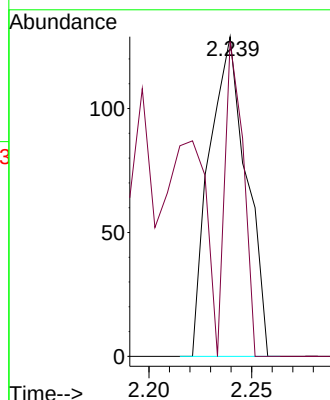
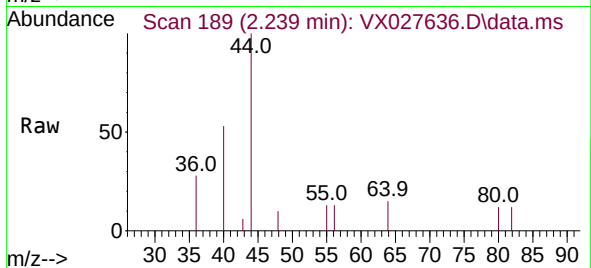




#13
Acrolein
Concen: 0.252 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

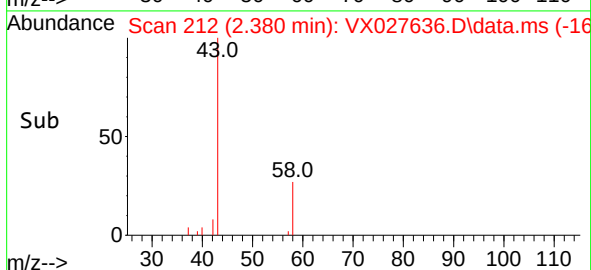
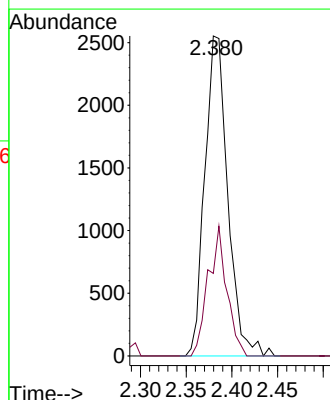
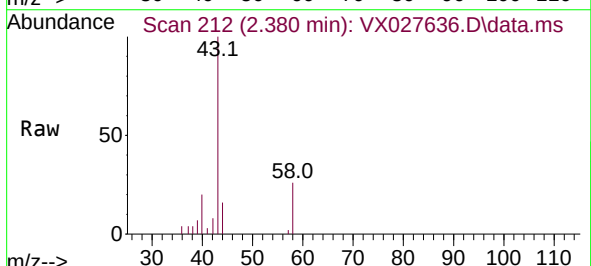
Instrument :
MSVOA_X
ClientSampleId :
MW-1

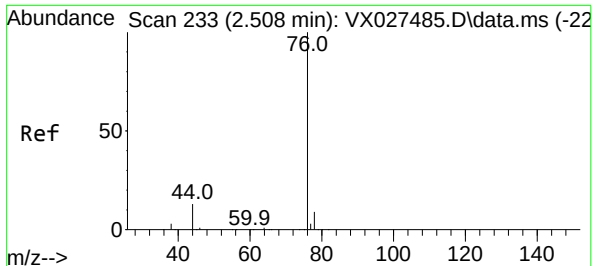
Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 48.8 55.0 82.6#



#16
Acetone
Concen: 2.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 43 Resp: 4460
Ion Ratio Lower Upper
43 100
58 25.8 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.292 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

Instrument :

MSVOA_X

ClientSampleId :

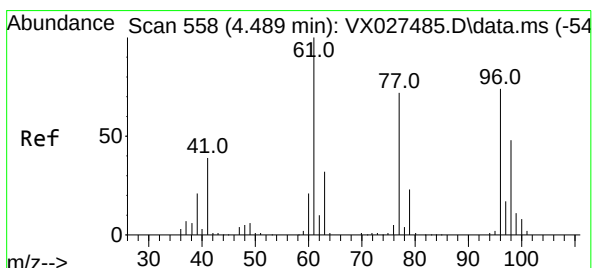
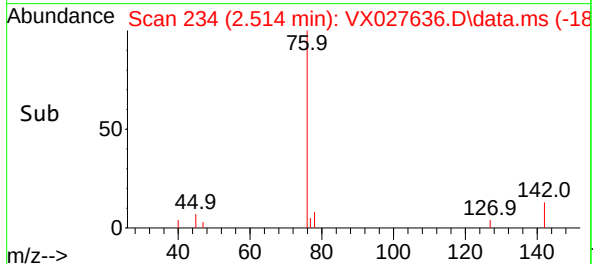
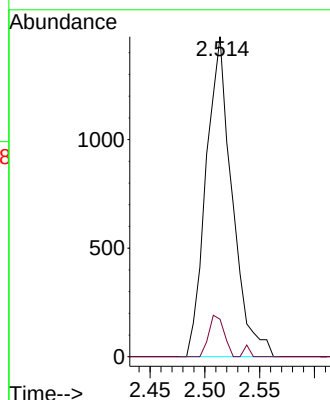
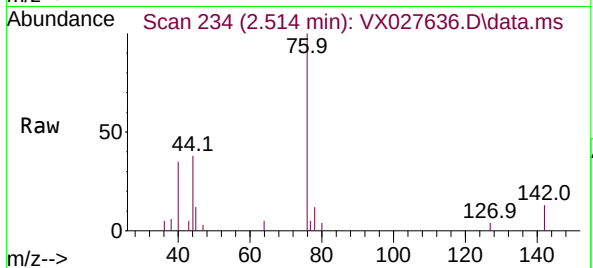
MW-1

Tgt Ion: 76 Resp: 2438

Ion Ratio Lower Upper

76 100

78 11.7 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 0.214 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

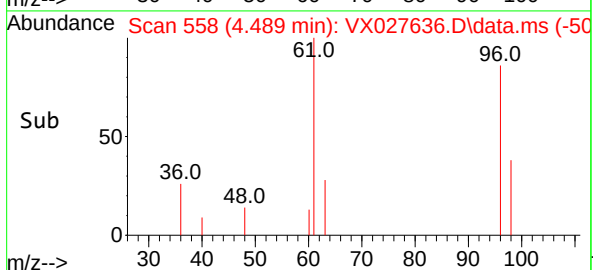
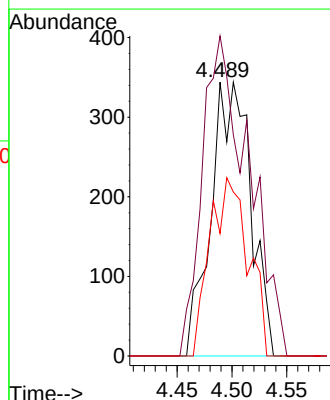
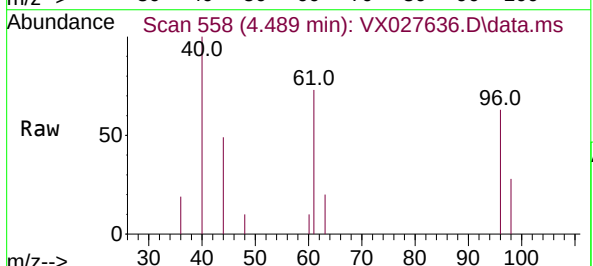
Tgt Ion: 96 Resp: 868

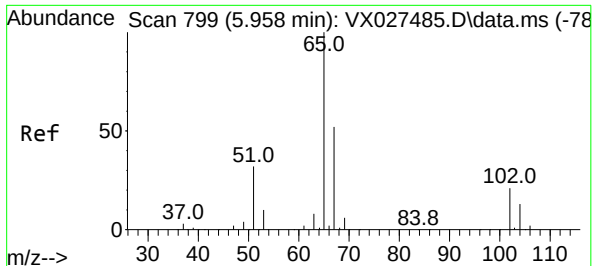
Ion Ratio Lower Upper

96 100

61 136.5 0.0 283.8

98 63.0 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 43.207 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

Instrument :

MSVOA_X

ClientSampleId :

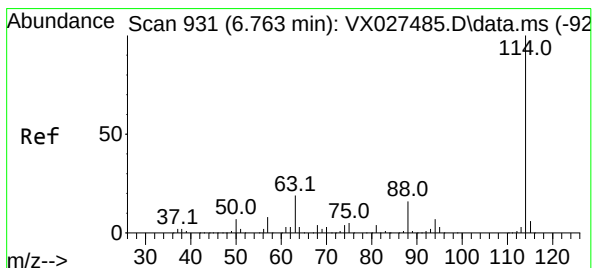
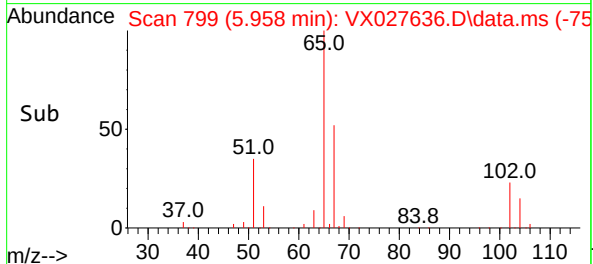
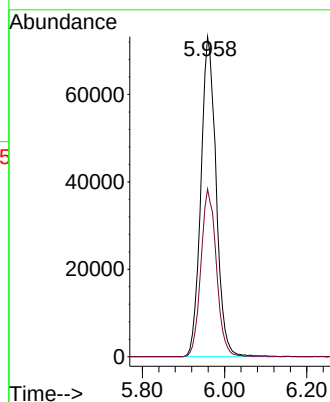
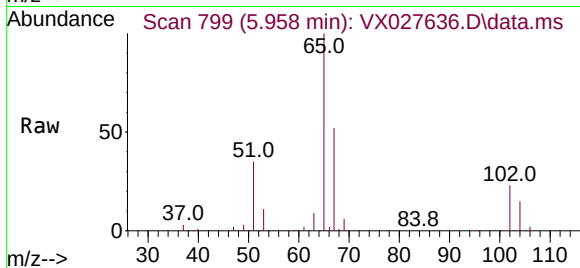
MW-1

Tgt Ion: 65 Resp: 188179

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

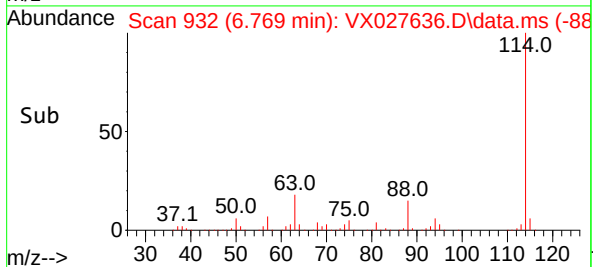
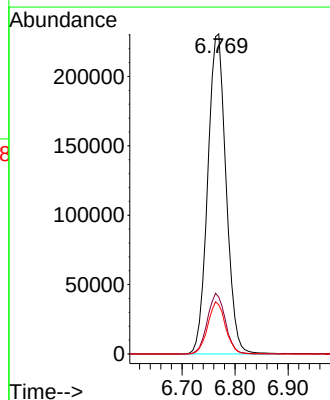
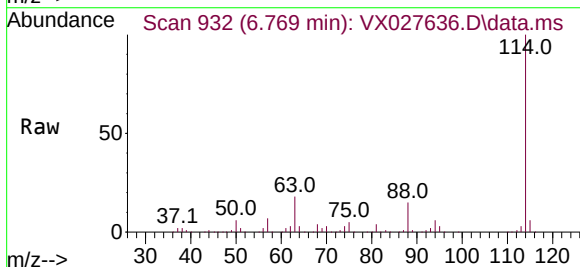
Tgt Ion: 114 Resp: 553374

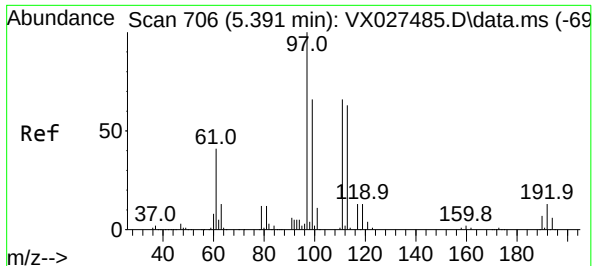
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.259 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

Instrument :

MSVOA_X

ClientSampleId :

MW-1

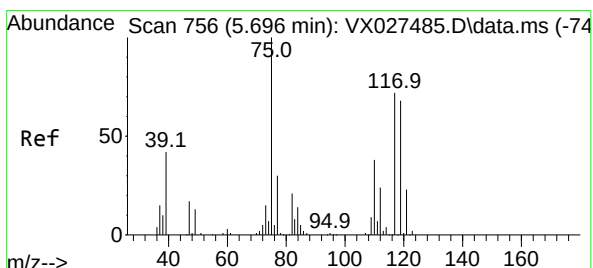
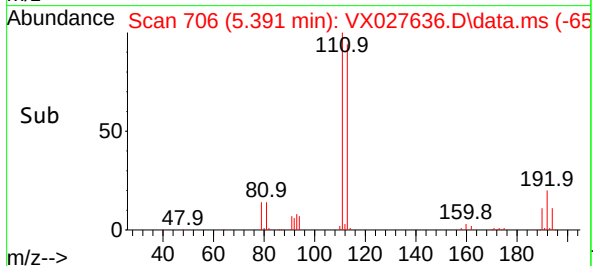
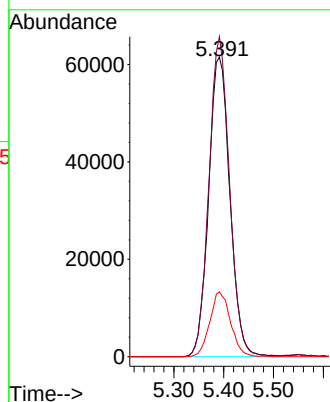
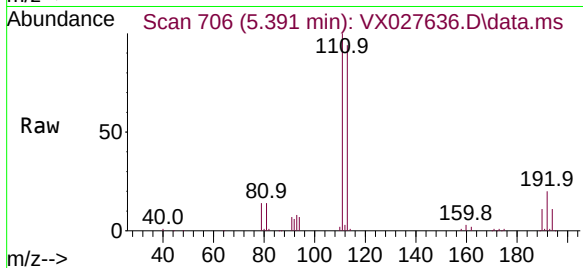
Tgt Ion:113 Resp: 182498

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 21.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.689 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027636.D

Acq: 23 Mar 2022 00:58

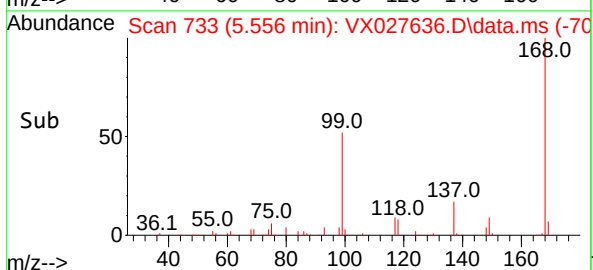
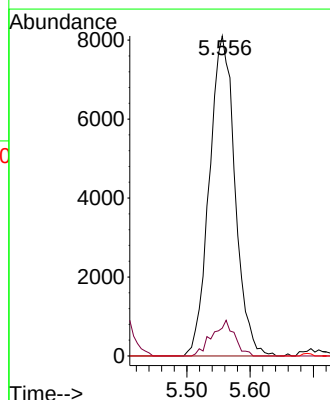
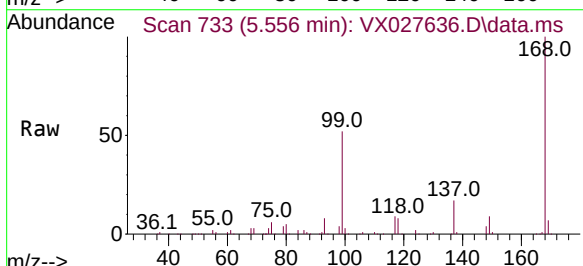
Tgt Ion: 75 Resp: 22816

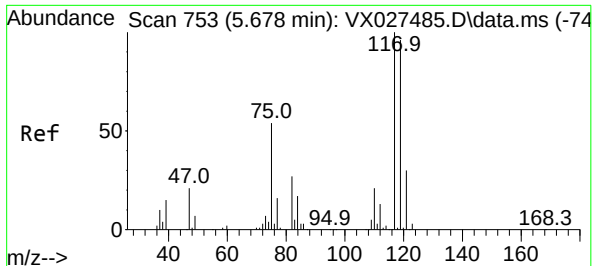
Ion Ratio Lower Upper

75 100

110 9.7 18.3 54.8#

77 0.0 24.8 37.2#

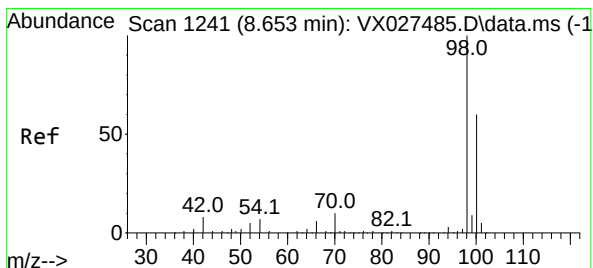
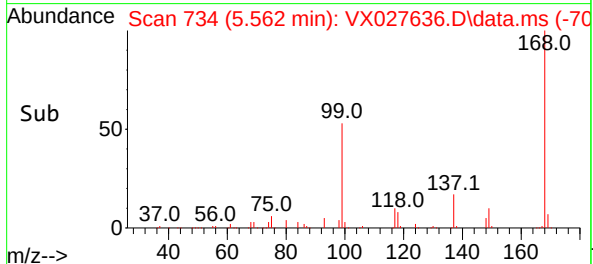
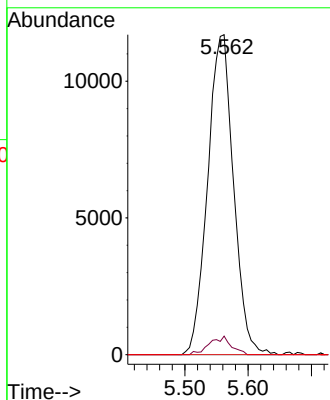
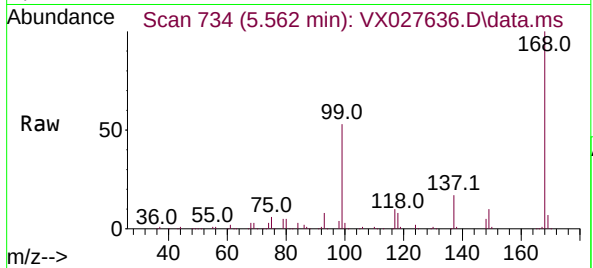




#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

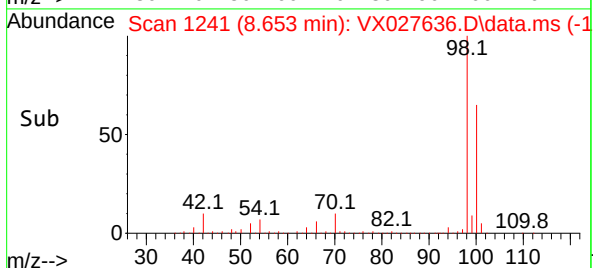
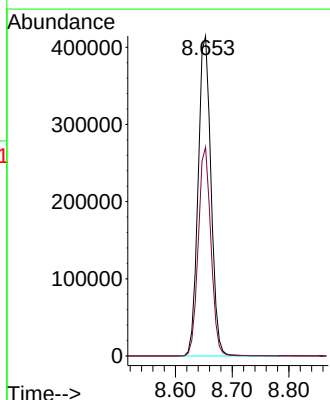
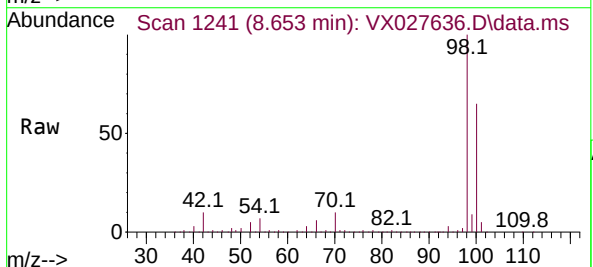
Instrument :
MSVOA_X
ClientSampleId :
MW-1

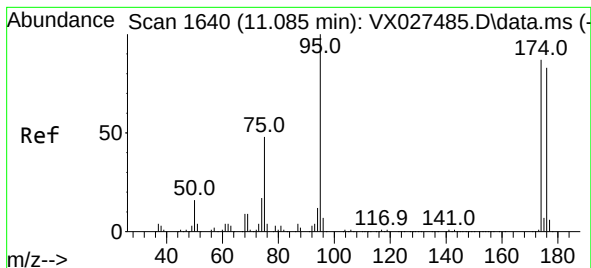
Tgt Ion:117 Resp: 33291
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.410 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 98 Resp: 652211
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

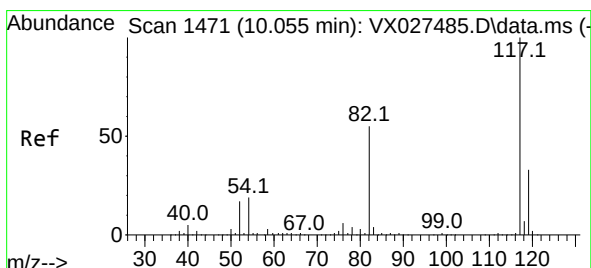
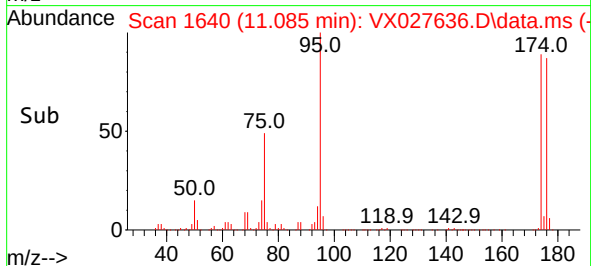
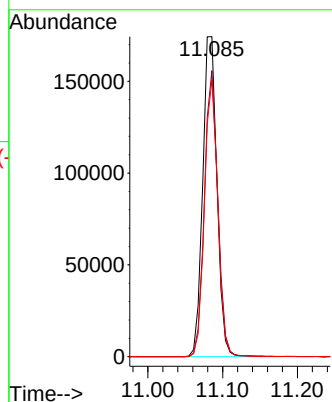
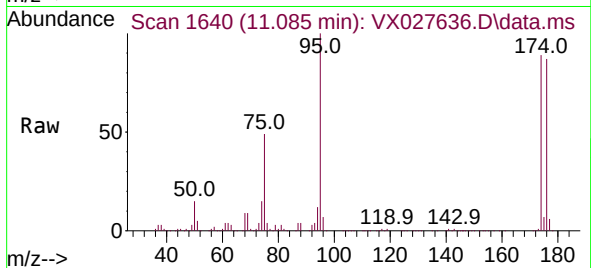




#62
4-Bromofluorobenzene
Concen: 46.652 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

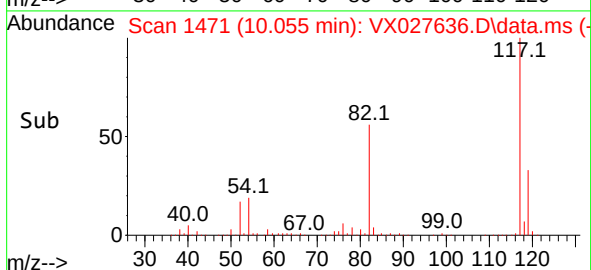
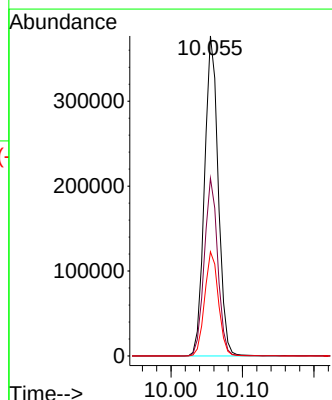
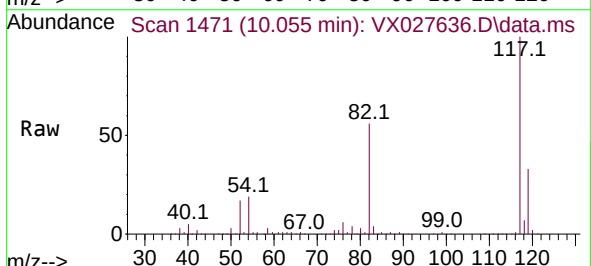
Instrument :
MSVOA_X
ClientSampleId :
MW-1

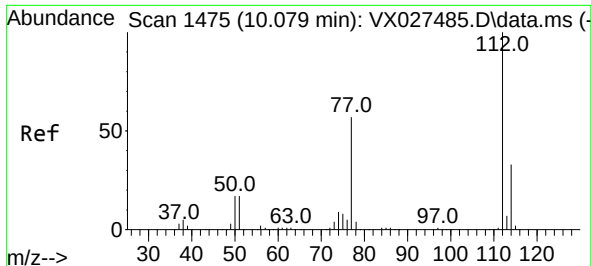
Tgt Ion: 95 Resp: 231015
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.0
176 81.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion: 117 Resp: 502475
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.6 24.8 37.2

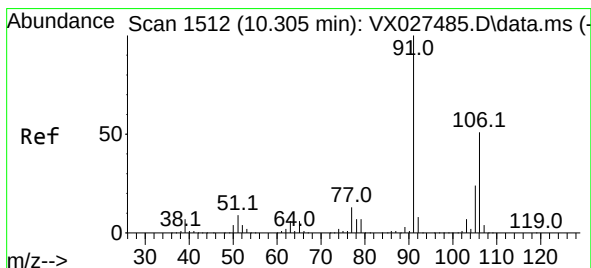
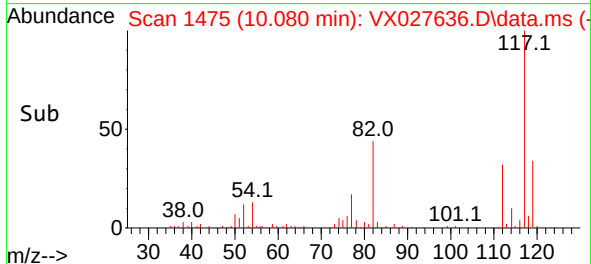
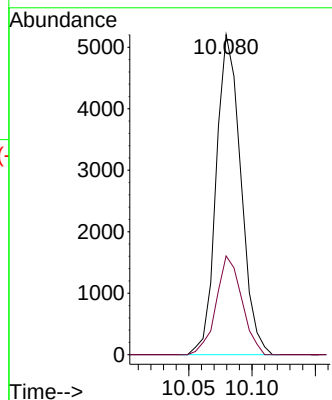
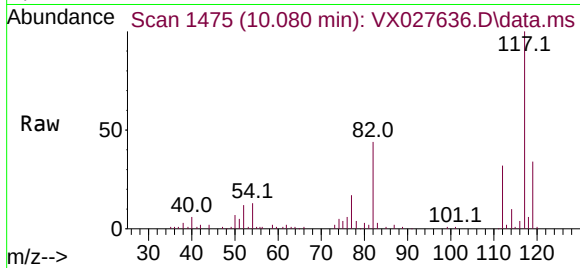




#65
Chlorobenzene
Concen: 0.681 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

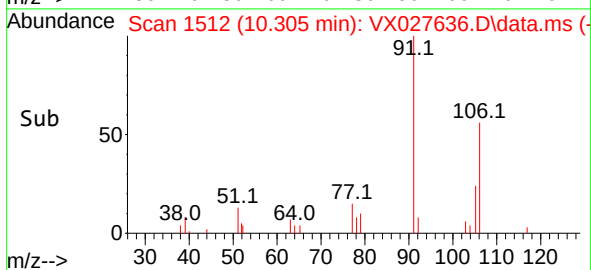
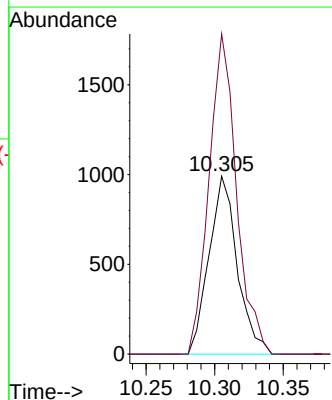
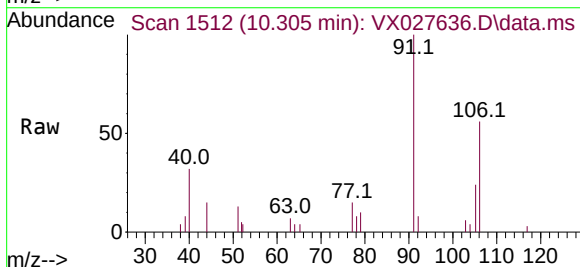
Instrument :
MSVOA_X
ClientSampleId :
MW-1

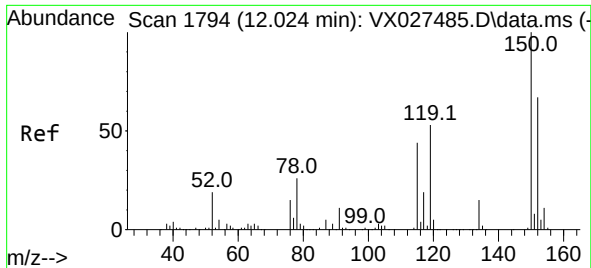
Tgt Ion:112 Resp: 7040
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion:106 Resp: 1421
Ion Ratio Lower Upper
106 100
91 175.2 160.4 240.6

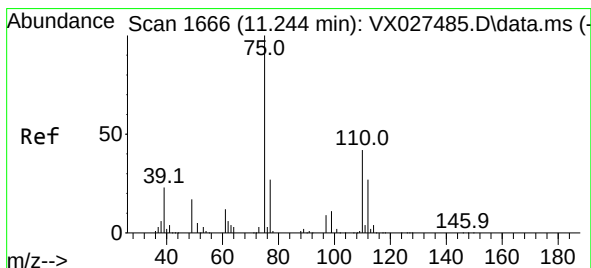
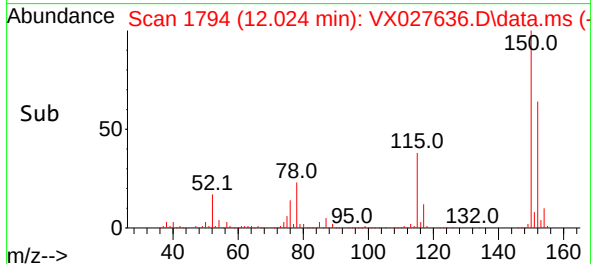
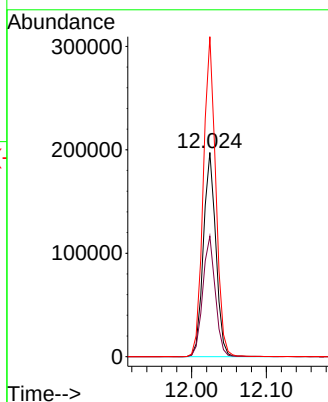
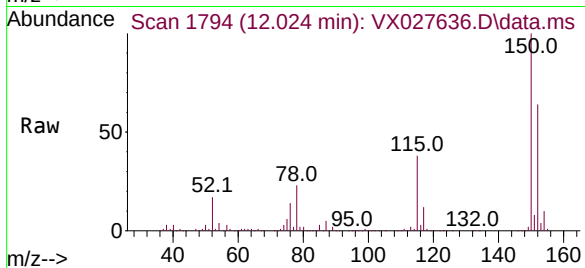




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX027636.D
 Acq: 23 Mar 2022 00:58

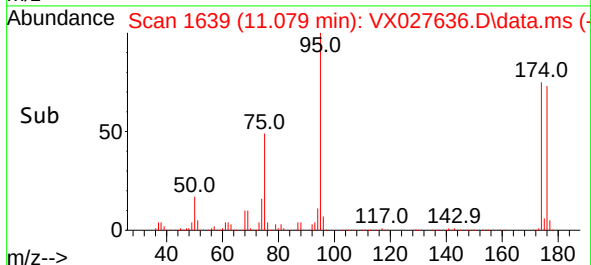
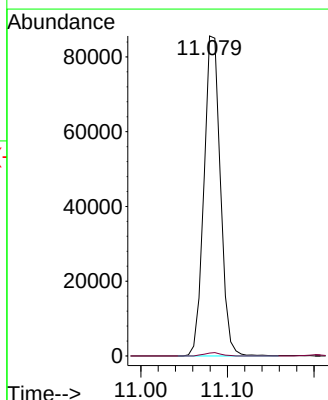
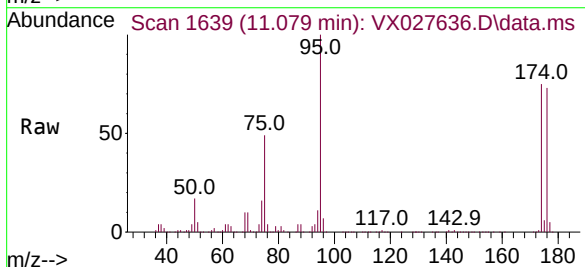
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

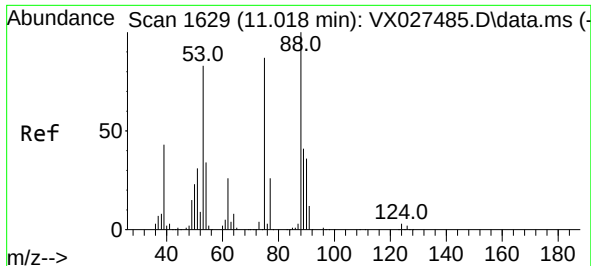
Tgt Ion:152 Resp: 228746
 Ion Ratio Lower Upper
 152 100
 115 59.3 37.5 112.7
 150 156.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.602 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX027636.D
 Acq: 23 Mar 2022 00:58

Tgt Ion: 75 Resp: 112925
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

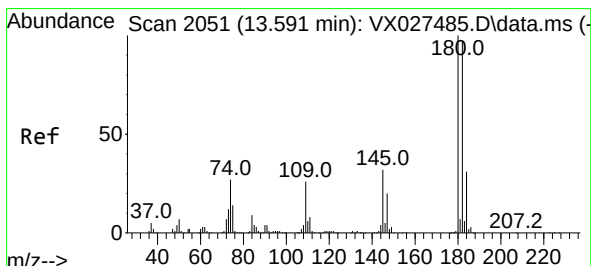
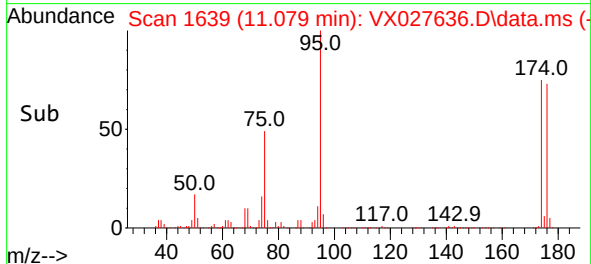
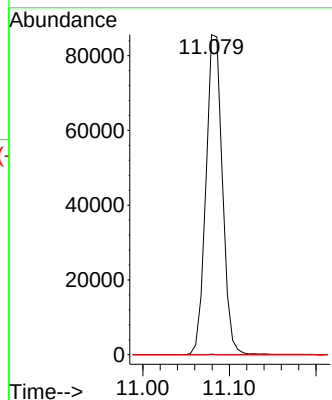
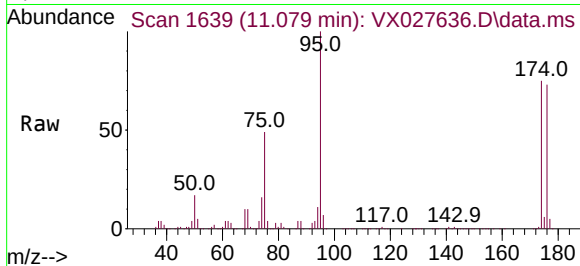




#81
trans-1,4-Dichloro-2-butene
Concen: 71.679 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

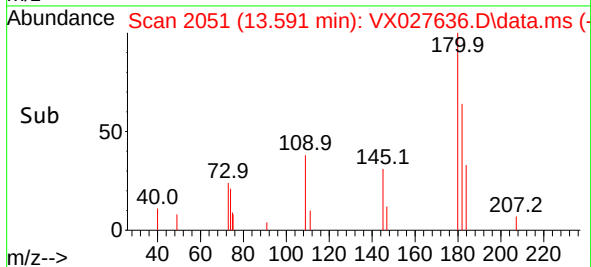
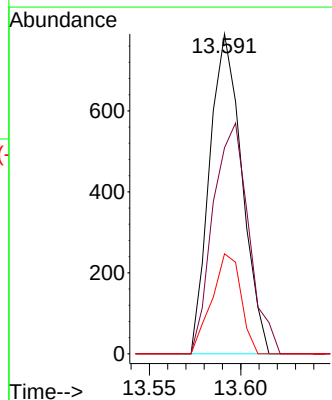
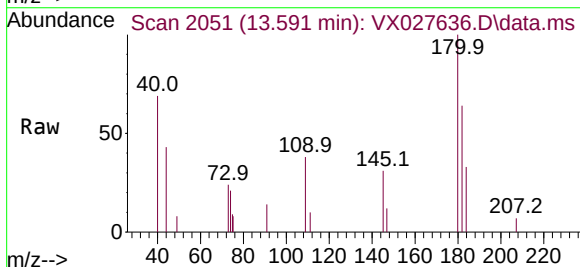
Instrument :
MSVOA_X
ClientSampleId :
MW-1

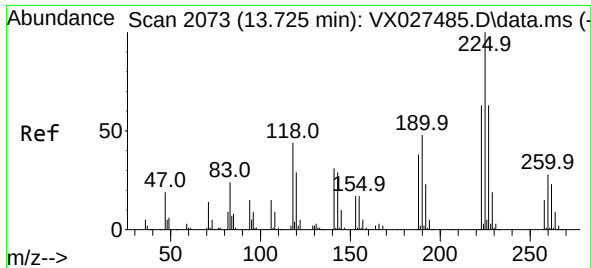
Tgt Ion: 75 Resp: 112925
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.200 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027636.D
Acq: 23 Mar 2022 00:58

Tgt Ion:180 Resp: 974
Ion Ratio Lower Upper
180 100
182 79.5 47.7 143.1
145 28.1 15.2 45.5





#94
 Hexachlorobutadiene
 Concen: 0.289 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX027636.D
 Acq: 23 Mar 2022 00:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion:225 Resp: 622
 Ion Ratio Lower Upper
 225 100
 223 51.8 34.2 102.5
 227 69.9 33.9 101.7

