

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028211.D
 Acq On : 20 Apr 2022 20:27
 Operator : JC/MD
 Sample : N2459-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31578

Quant Time: Apr 21 06:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

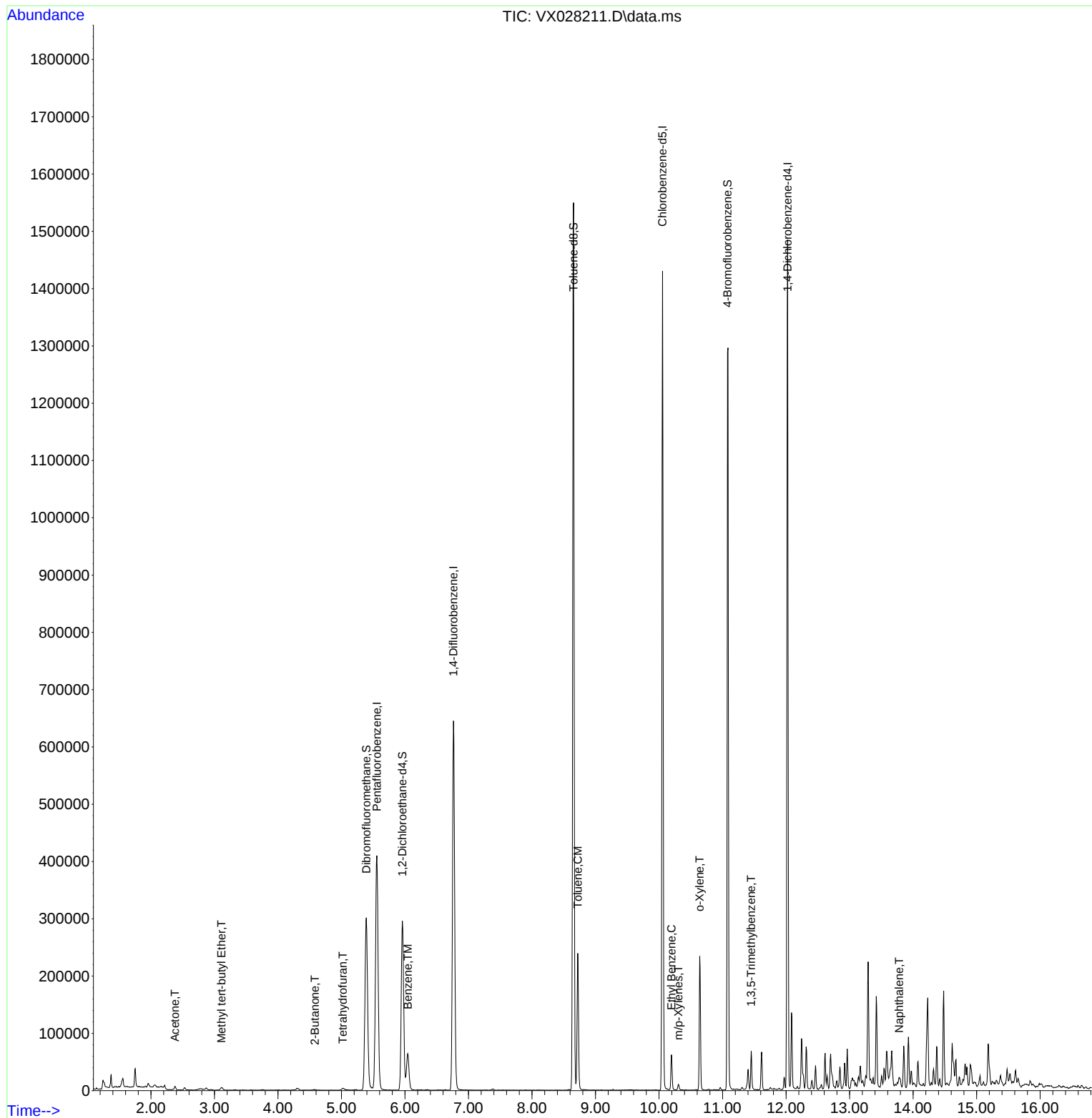
Internal Standards						
1) Pentafluorobenzene	5.556	168	407581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	695078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	653713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	314021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281390	52.949	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.900%	
35) Dibromofluoromethane	5.391	113	260505	53.442	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.880%	
50) Toluene-d8	8.653	98	943499	50.395	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.079	95	346370	48.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6825	2.824	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	4043	0.310	ug/l #	74
25) 2-Butanone	4.580	43	1962	0.623	ug/l #	71
29) Tetrahydrofuran	5.019	42	2776	1.353	ug/l	96
40) Benzene	6.043	78	78858	4.237	ug/l	99
52) Toluene	8.720	92	92054	7.119	ug/l	99
67) Ethyl Benzene	10.195	91	36201	1.549	ug/l	100
68) m/p-Xylenes	10.305	106	2884	0.303	ug/l	88
69) o-Xylene	10.640	106	51874	5.470	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	27700	1.512	ug/l	100
95) Naphthalene	13.780	128	10452	0.503	ug/l #	87

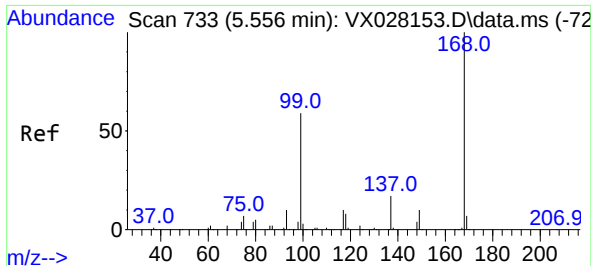
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028211.D
Acq On : 20 Apr 2022 20:27
Operator : JC/MD
Sample : N2459-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31578

Quant Time: Apr 21 06:17:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

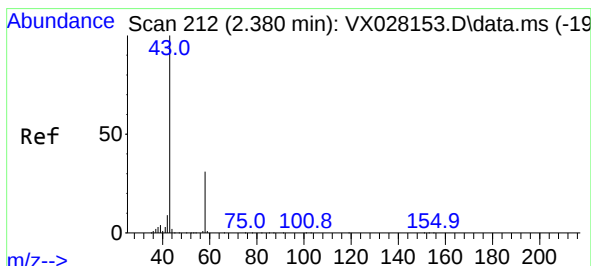
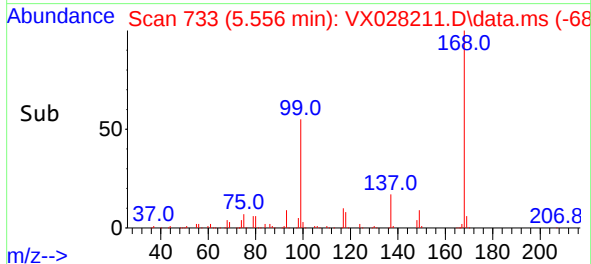
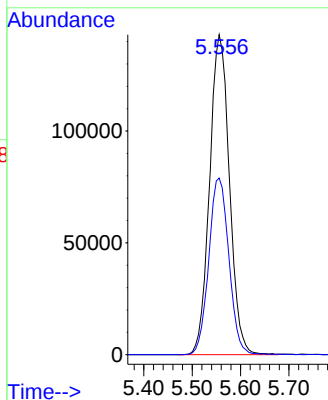
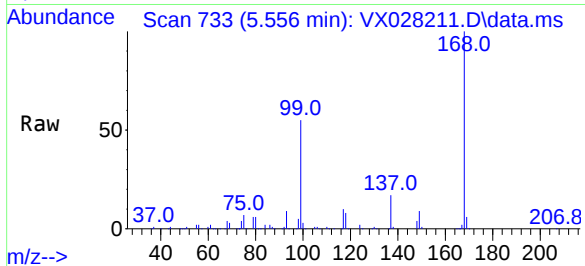




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

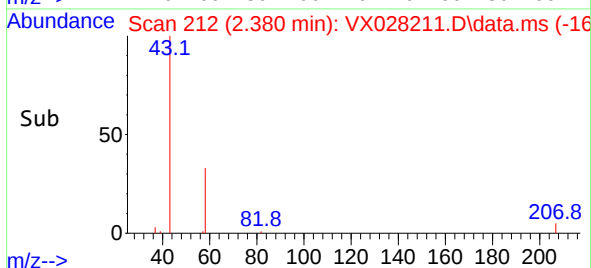
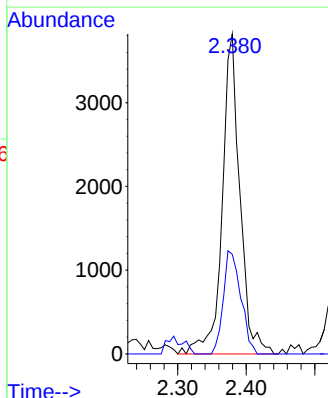
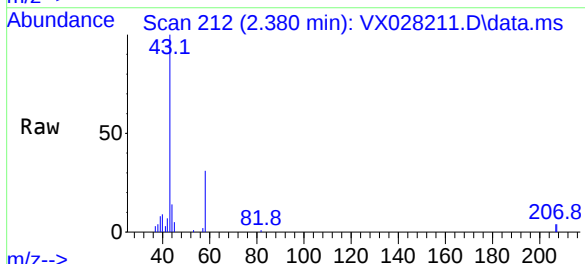
Instrument :
MSVOA_X
ClientSampleId :
31578

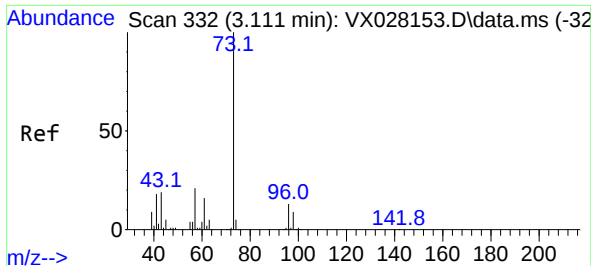
Tgt Ion:168 Resp: 407581
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#16
Acetone
Concen: 2.824 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion: 43 Resp: 6825
Ion Ratio Lower Upper
43 100
58 31.2 28.8 43.2

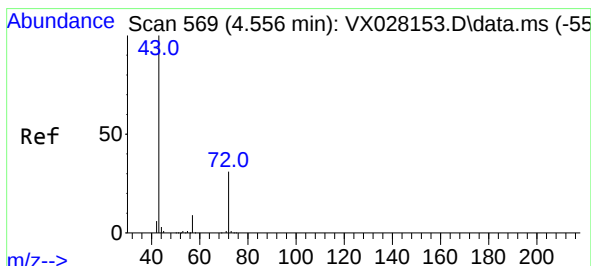
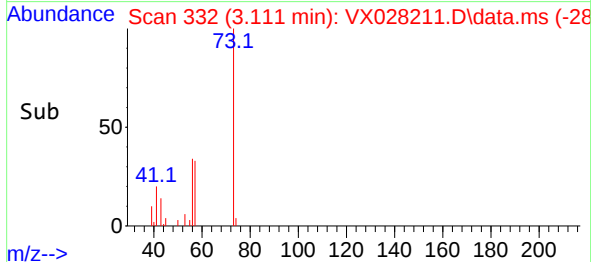
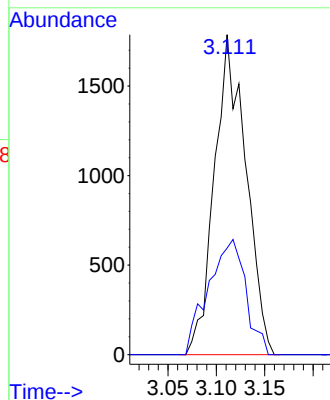
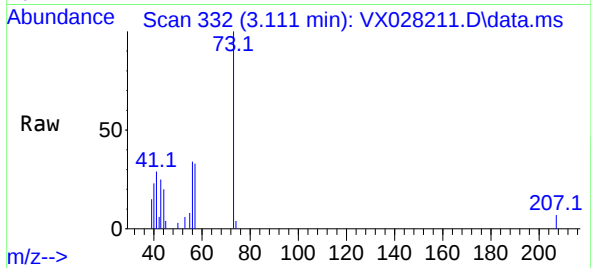




#19
Methyl tert-butyl Ether
Concen: 0.310 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

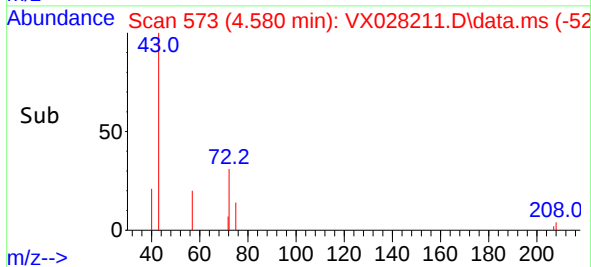
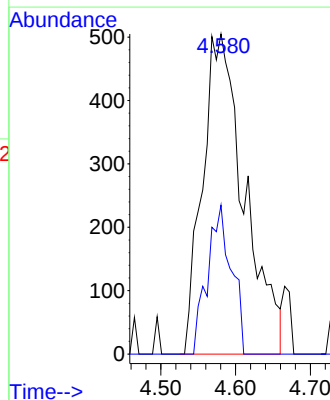
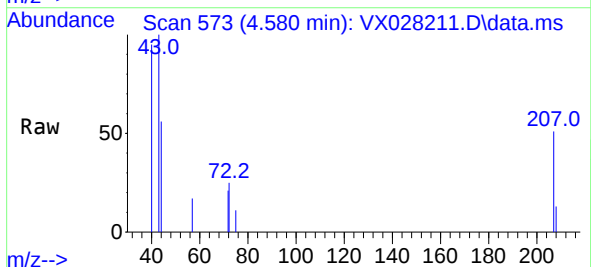
Instrument :
MSVOA_X
ClientSampleId :
31578

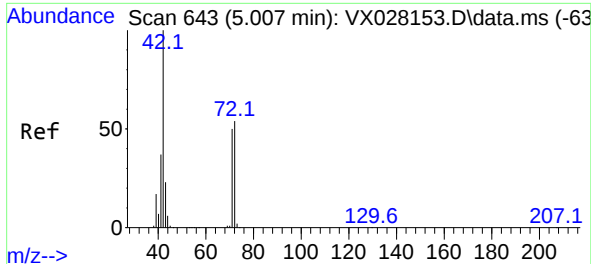
Tgt Ion: 73 Resp: 4043
Ion Ratio Lower Upper
73 100
57 33.3 16.8 25.2#



#25
2-Butanone
Concen: 0.623 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
72 46.5 24.4 36.6#





#29

Tetrahydrofuran

Concen: 1.353 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX028211.D

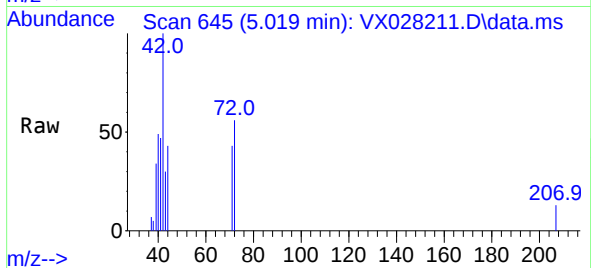
Acq: 20 Apr 2022 20:27

Instrument :

MSVOA_X

ClientSampleId :

31578



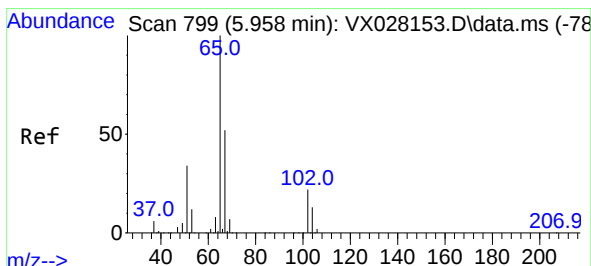
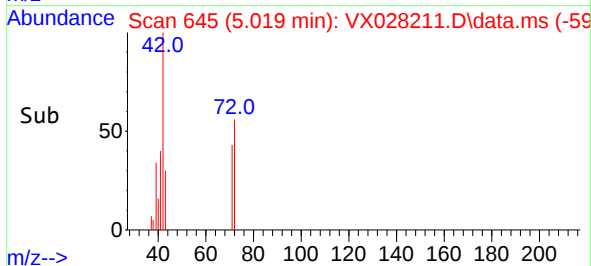
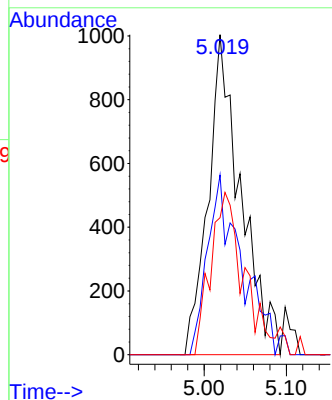
Tgt Ion: 42 Resp: 2776

Ion Ratio Lower Upper

42 100

72 59.9 44.1 66.1

71 51.3 40.5 60.7



#33

1,2-Dichloroethane-d4

Concen: 52.949 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028211.D

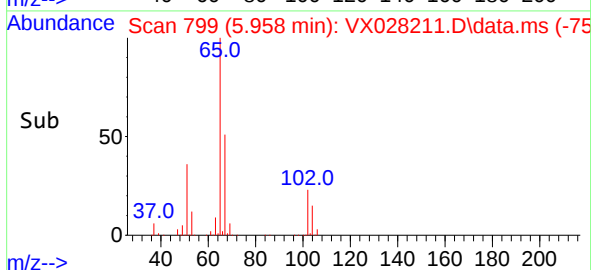
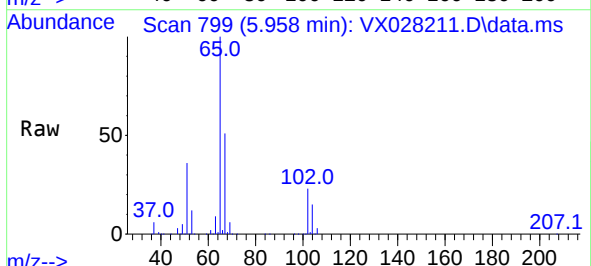
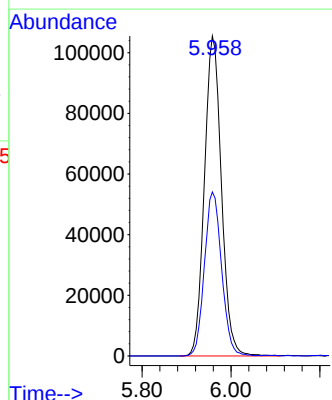
Acq: 20 Apr 2022 20:27

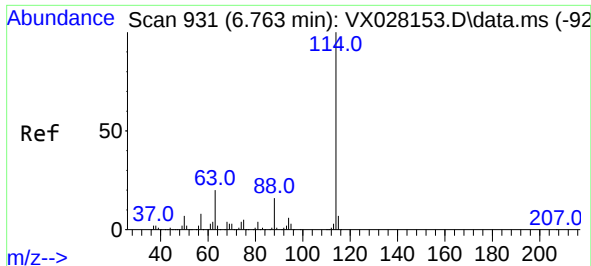
Tgt Ion: 65 Resp: 281390

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4

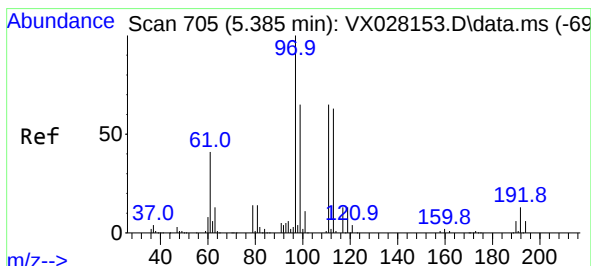
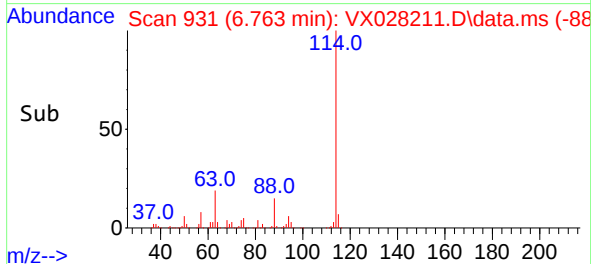
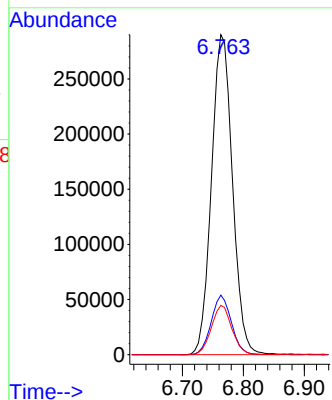
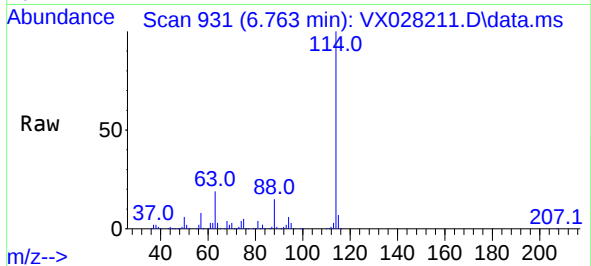




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

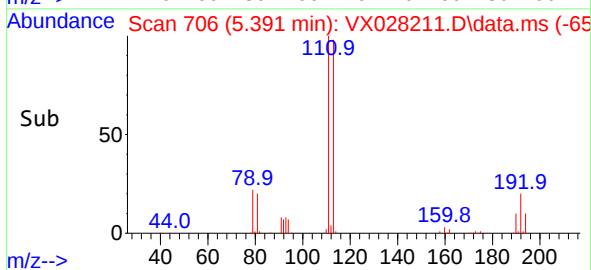
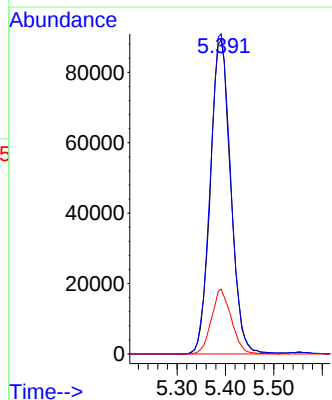
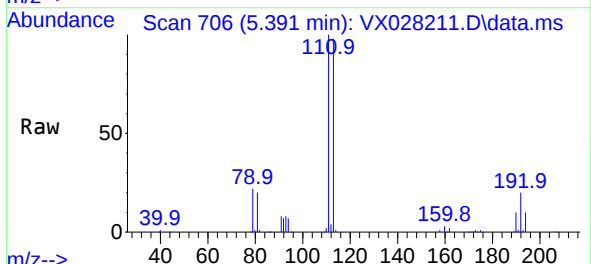
Instrument :
MSVOA_X
ClientSampleId :
31578

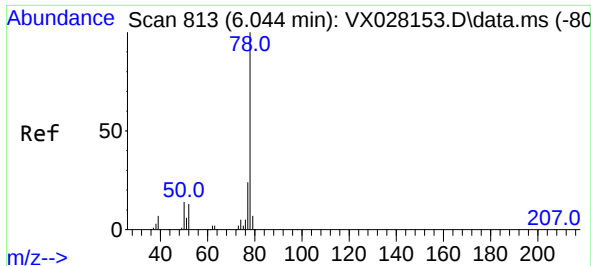
Tgt Ion:114 Resp: 695078
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.442 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion:113 Resp: 260505
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 20.0 16.9 25.3

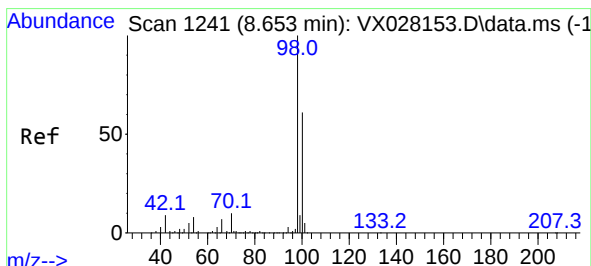
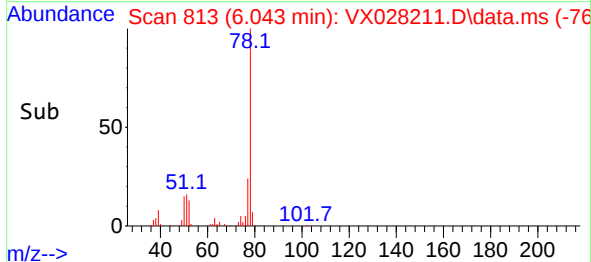
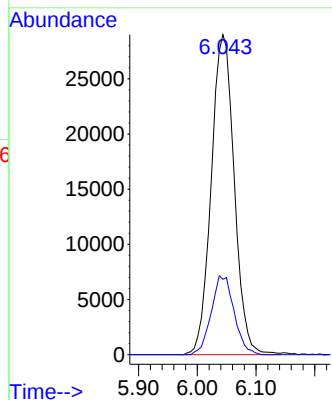
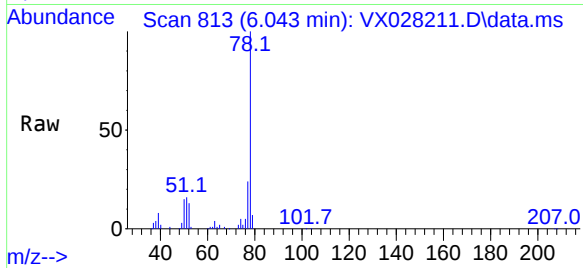




#40
Benzene
Concen: 4.237 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

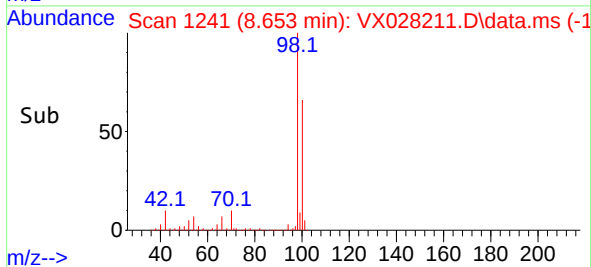
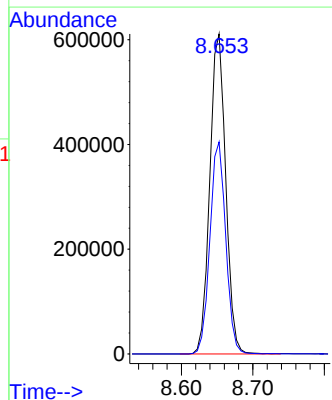
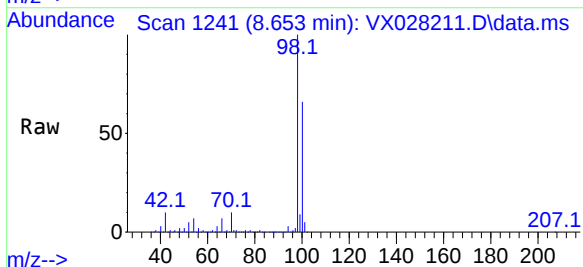
Instrument :
MSVOA_X
ClientSampleId :
31578

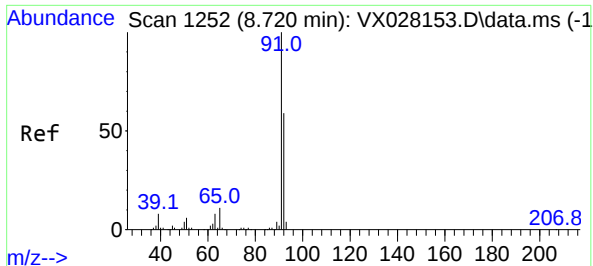
Tgt Ion: 78 Resp: 78858
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion: 98 Resp: 943499
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

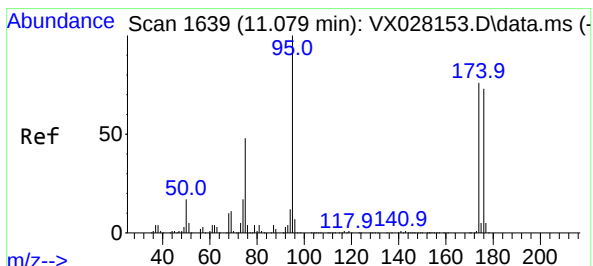
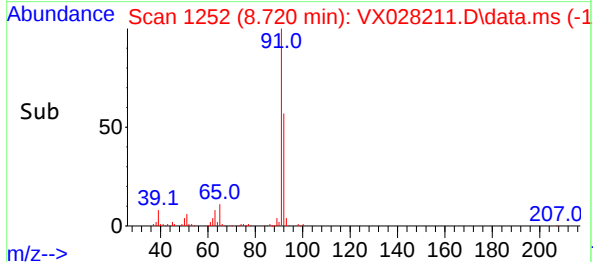
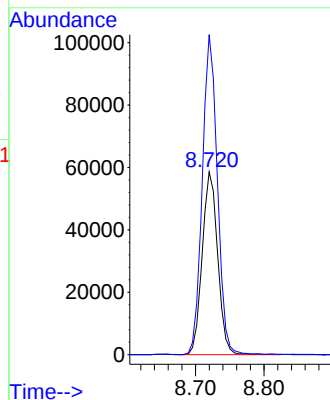
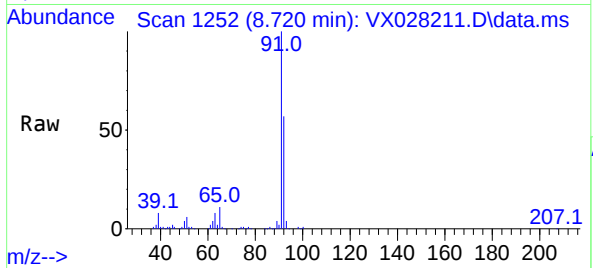




#52
Toluene
Concen: 7.119 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

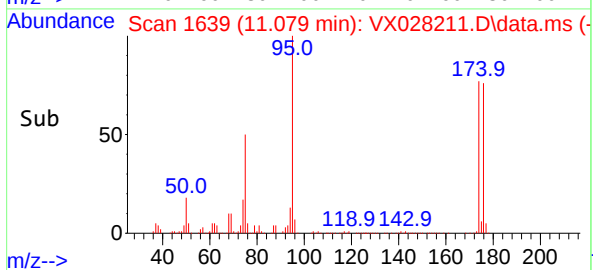
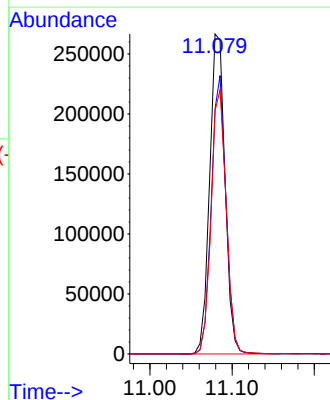
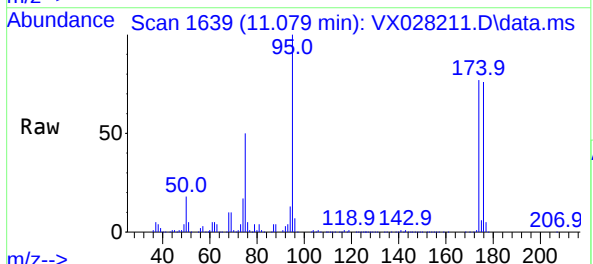
Instrument :
MSVOA_X
ClientSampleId :
31578

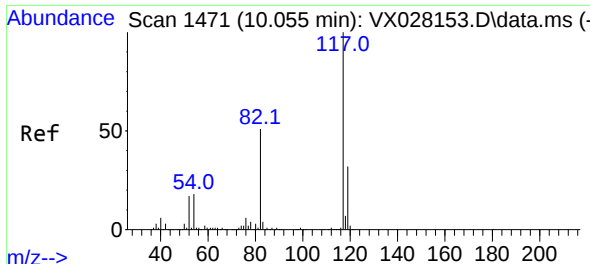
Tgt Ion: 92 Resp: 92054
Ion Ratio Lower Upper
92 100
91 171.2 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion: 95 Resp: 346370
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 81.0 0.0 155.0

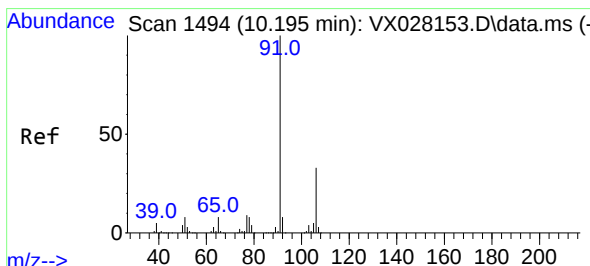
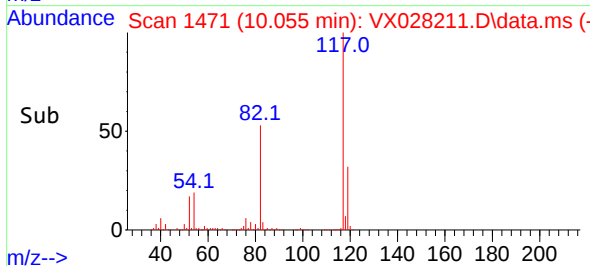
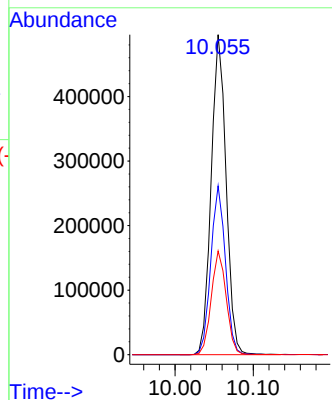
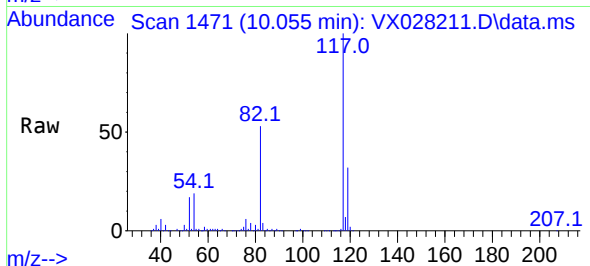




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

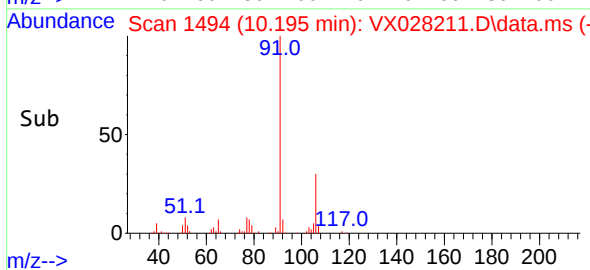
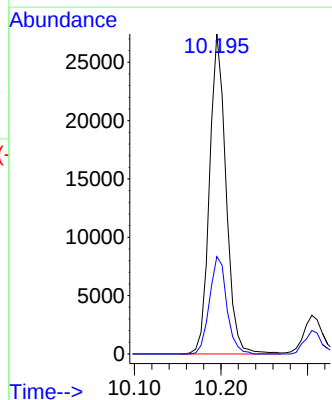
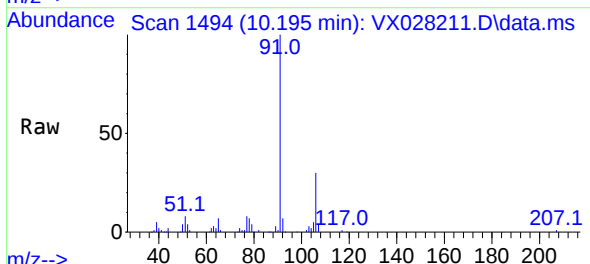
Instrument :
MSVOA_X
ClientSampleId :
31578

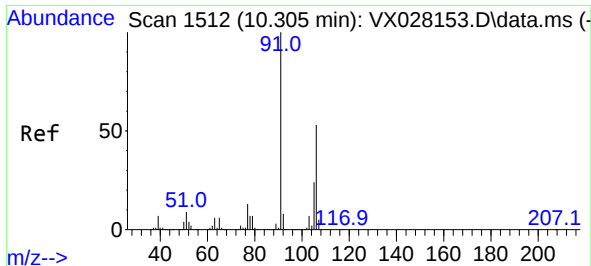
Tgt Ion:117 Resp: 653713
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.4 24.8 37.2



#67
Ethyl Benzene
Concen: 1.549 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion: 91 Resp: 36201
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8

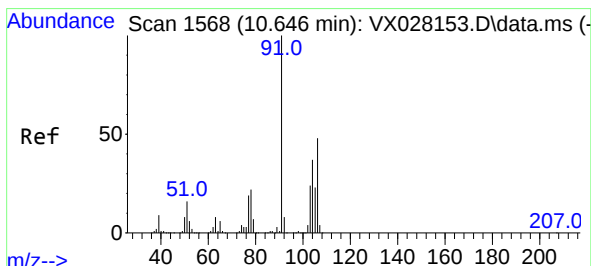
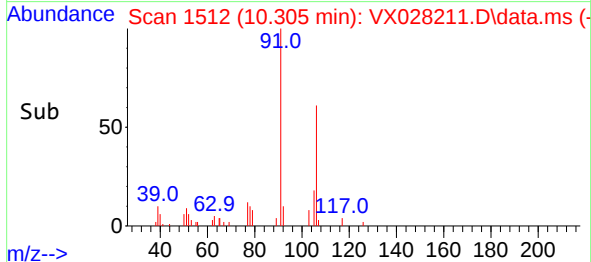
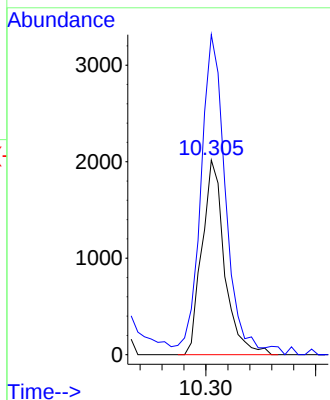
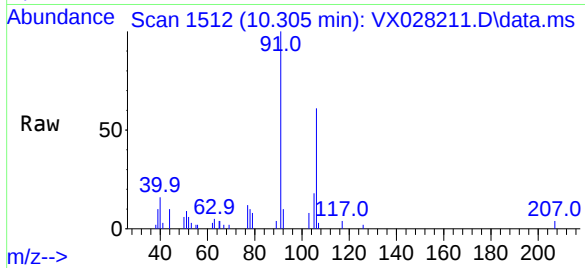




#68
m/p-Xylenes
Concen: 0.303 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

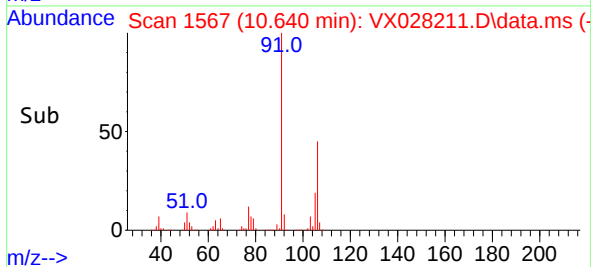
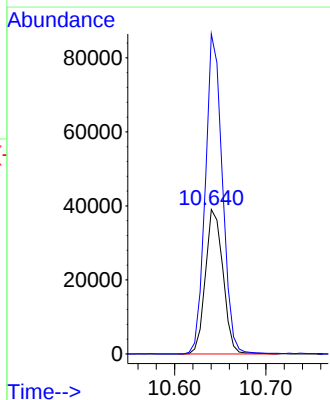
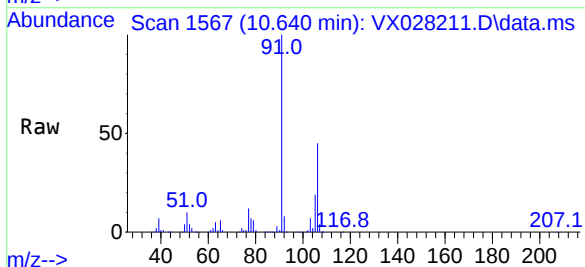
Instrument :
MSVOA_X
ClientSampleId :
31578

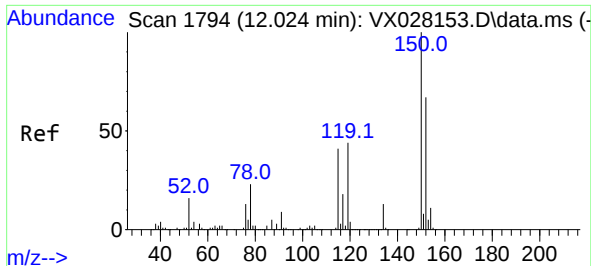
Tgt Ion:106 Resp: 2884
Ion Ratio Lower Upper
106 100
91 182.9 160.4 240.6



#69
o-Xylene
Concen: 5.470 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Tgt Ion:106 Resp: 51874
Ion Ratio Lower Upper
106 100
91 215.5 106.1 318.1

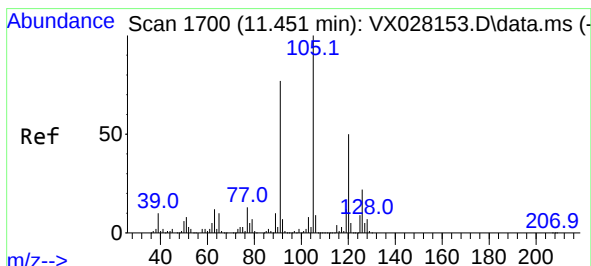
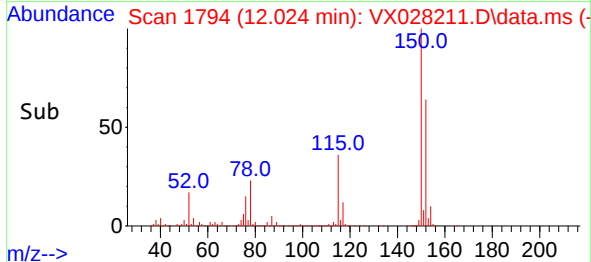
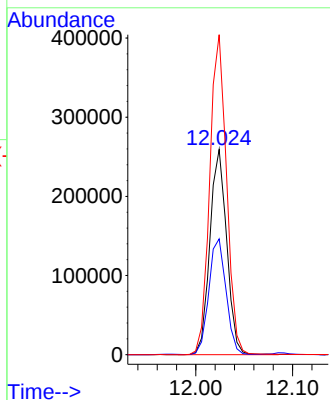
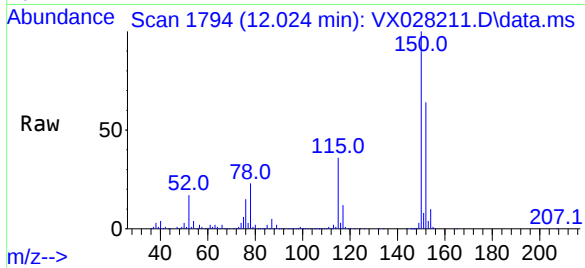




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028211.D
 Acq: 20 Apr 2022 20:27

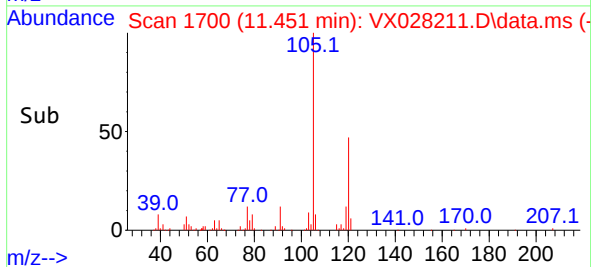
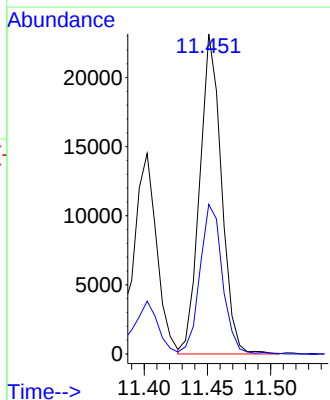
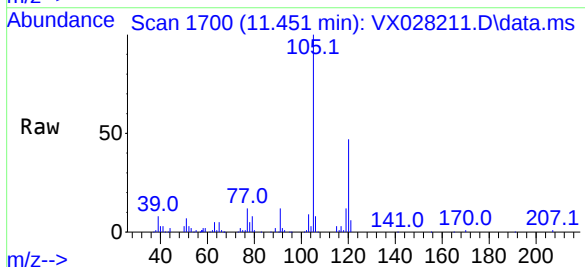
Instrument :
 MSVOA_X
 ClientSampleId :
 31578

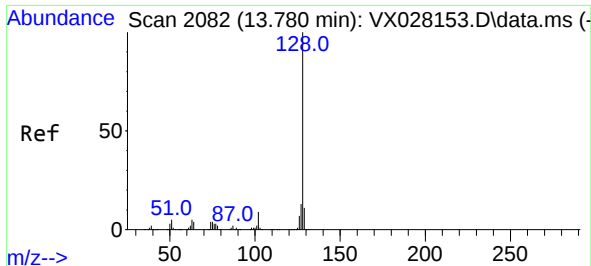
Tgt Ion:152 Resp: 314021
 Ion Ratio Lower Upper
 152 100
 115 57.7 37.5 112.7
 150 156.2 0.0 338.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.512 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX028211.D
 Acq: 20 Apr 2022 20:27

Tgt Ion:105 Resp: 27700
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#95
Naphthalene
Concen: 0.503 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028211.D
Acq: 20 Apr 2022 20:27

Instrument :
MSVOA_X
ClientSampleId :
31578

Tgt Ion:128 Resp: 10452
Ion Ratio Lower Upper
128 100
127 16.8 10.2 15.4#
129 16.9 8.7 13.1#

