

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035619.D
 Acq On : 11 May 2023 19:46
 Operator : JC/MD
 Sample : 02742-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14-051023

Quant Time: May 12 03:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

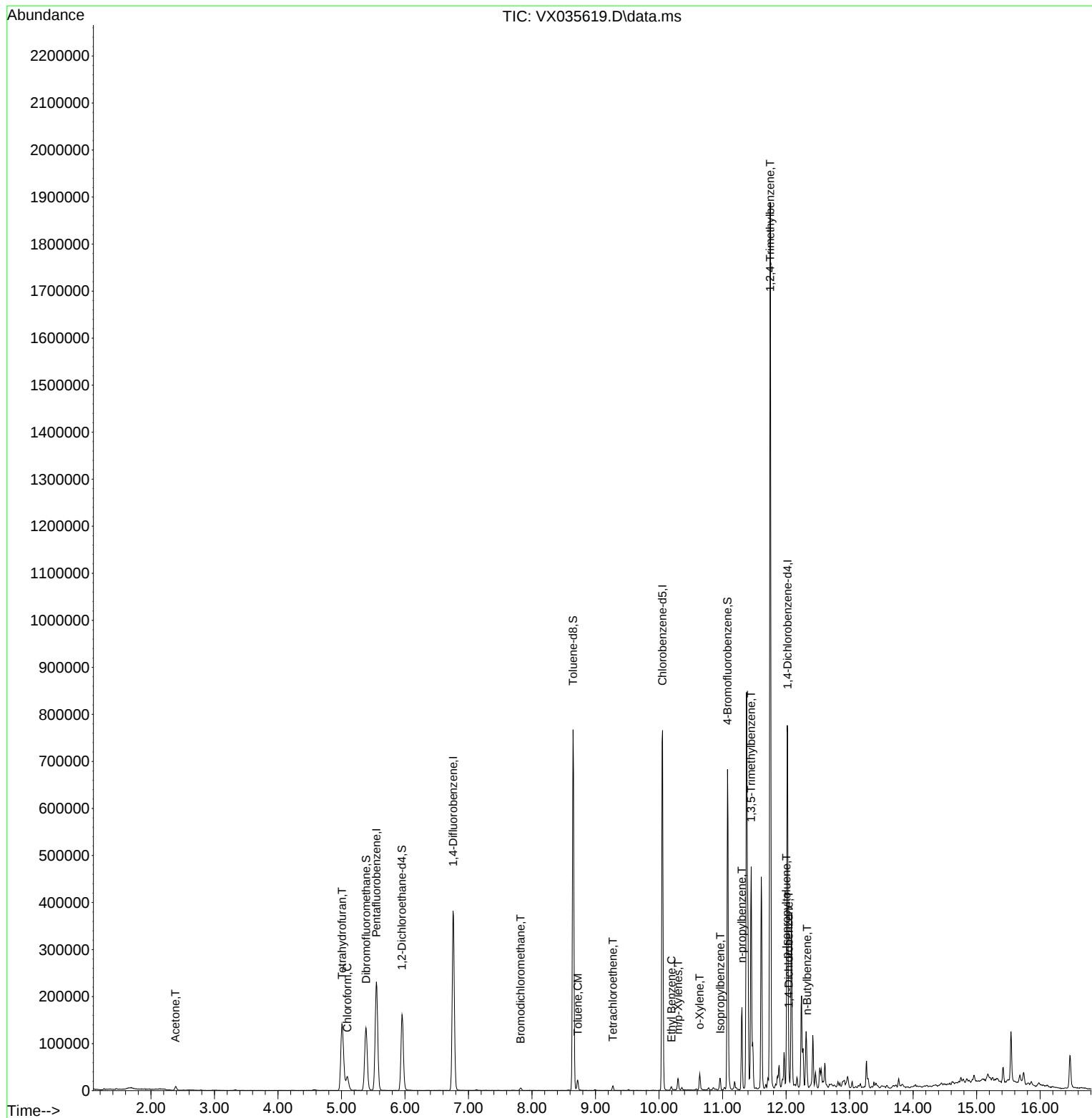
Internal Standards						
1) Pentafluorobenzene	5.550	168	196551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163486	47.679	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.360%
35) Dibromofluoromethane	5.385	113	116541	48.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	429487	47.998	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	176373	48.954	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	10285	6.979	ug/l	# 88
29) Tetrahydrofuran	5.007	42	140627	109.670	ug/l	97
30) Chloroform	5.093	83	29949	5.952	ug/l	96
47) Bromodichloromethane	7.818	83	3642	0.972	ug/l	# 81
52) Toluene	8.720	92	7693	1.139	ug/l	97
64) Tetrachloroethene	9.275	164	1522	0.693	ug/l	# 74
67) Ethyl Benzene	10.195	91	4148	0.310	ug/l	# 85
68) m/p-Xylenes	10.299	106	4983	1.006	ug/l	96
69) o-Xylene	10.640	106	6268	1.276	ug/l	84
73) Isopropylbenzene	10.964	105	12197	0.979	ug/l	97
78) n-propylbenzene	11.305	91	101847	6.956	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	190720	18.016	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	762449	71.732	ug/l	99
86) p-Isopropyltoluene	12.006	119	13642	1.284	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	8644	1.594	ug/l	# 77
89) n-Butylbenzene	12.329	91	15768	1.632	ug/l	# 33

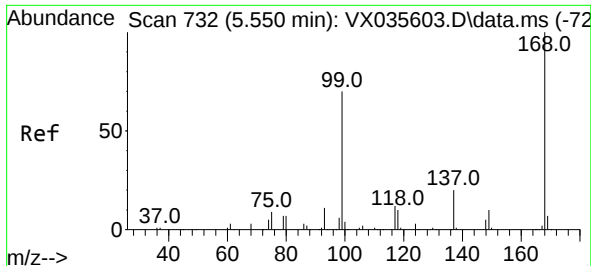
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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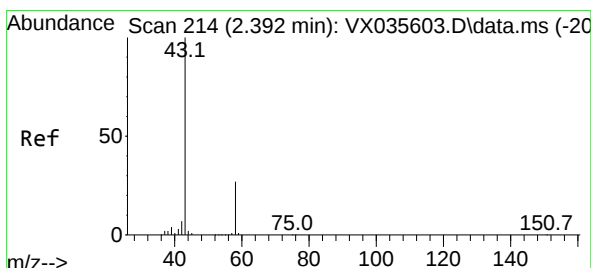
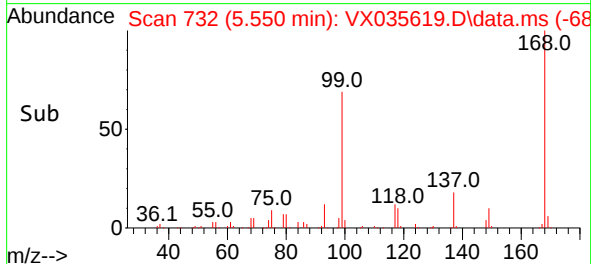
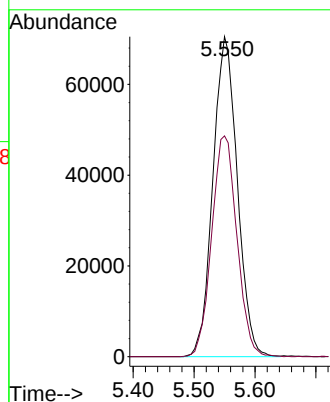
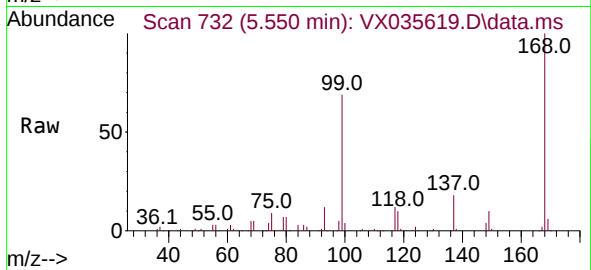




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

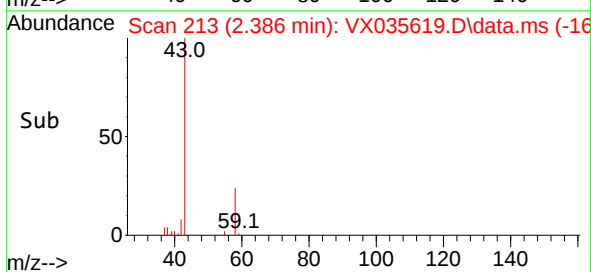
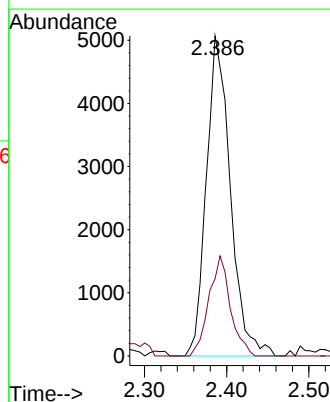
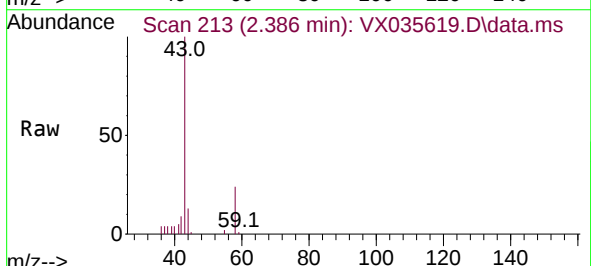
Instrument :
MSVOA_X
ClientSampleId :
14-051023

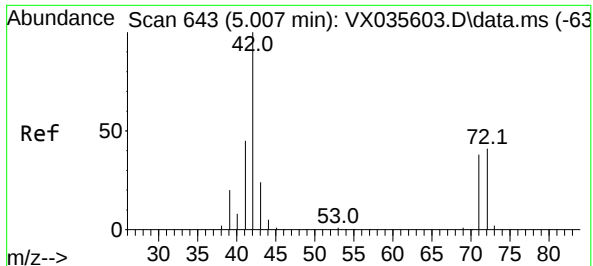
Tgt Ion:168 Resp: 196551
Ion Ratio Lower Upper
168 100
99 69.0 45.7 68.5#



#16
Acetone
Concen: 6.979 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion: 43 Resp: 10285
Ion Ratio Lower Upper
43 100
58 24.2 24.7 37.1#





#29

Tetrahydrofuran

Concen: 109.670 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

14-051023

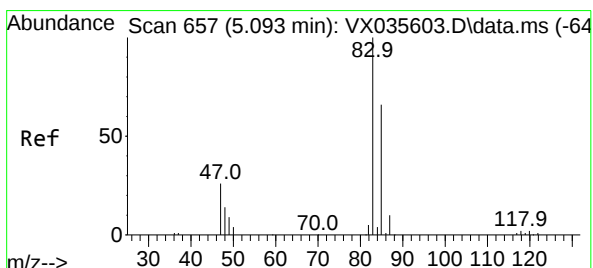
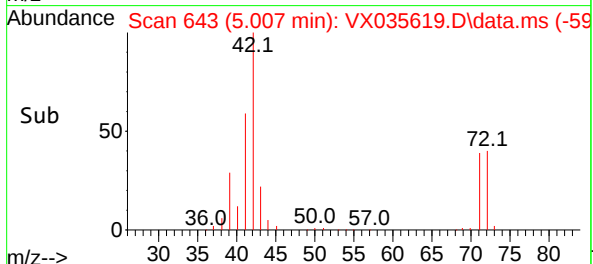
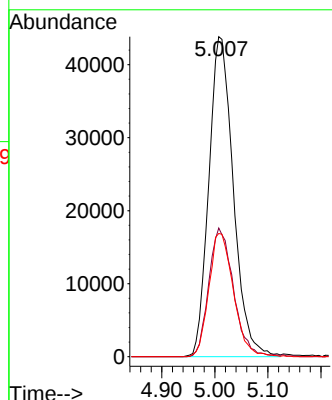
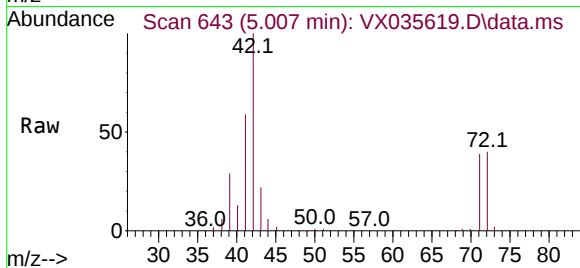
Tgt Ion: 42 Resp: 140627

Ion Ratio Lower Upper

42 100

72 40.3 34.5 51.7

71 38.7 32.1 48.1



#30

Chloroform

Concen: 5.952 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035619.D

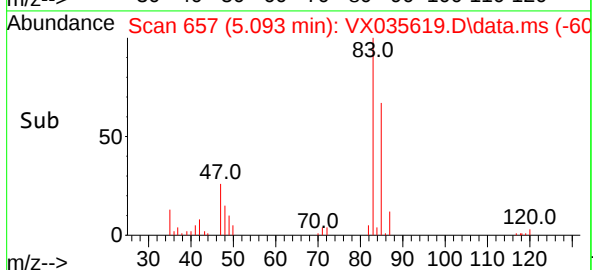
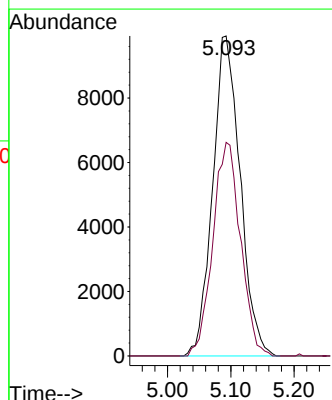
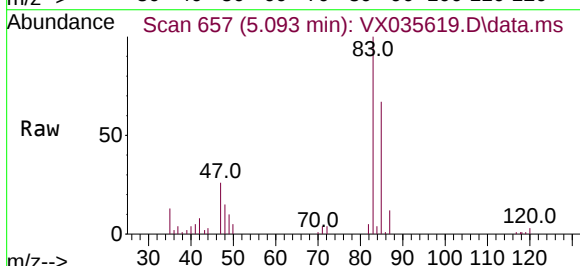
Acq: 11 May 2023 19:46

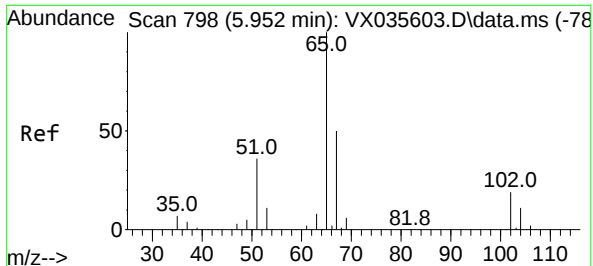
Tgt Ion: 83 Resp: 29949

Ion Ratio Lower Upper

83 100

85 66.7 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.679 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

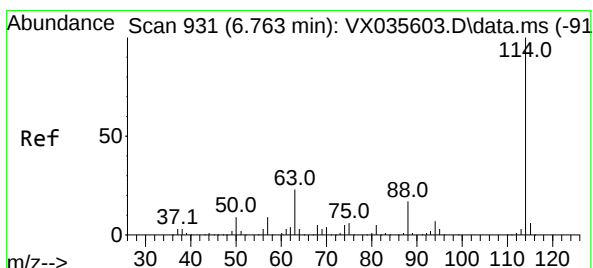
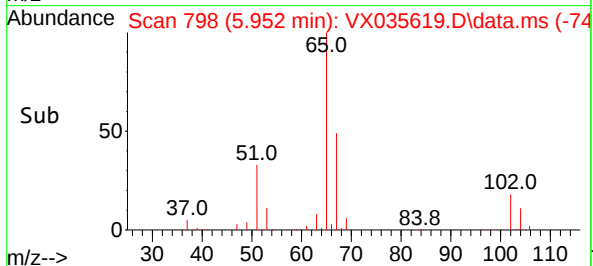
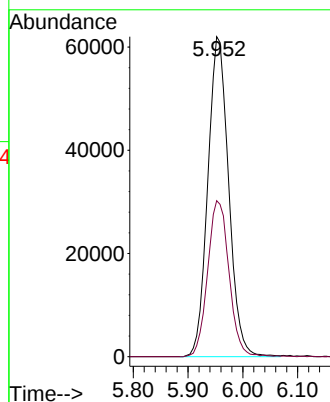
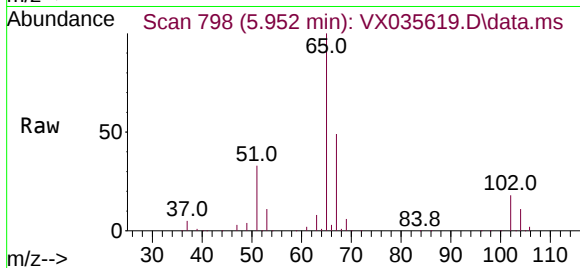
14-051023

Tgt Ion: 65 Resp: 163486

Ion Ratio Lower Upper

65 100

67 50.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

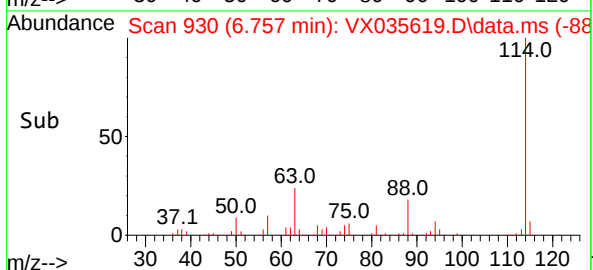
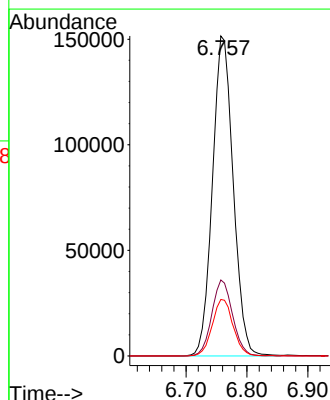
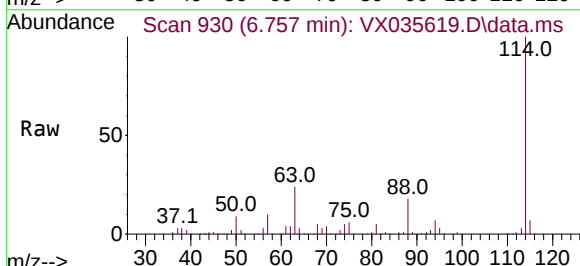
Tgt Ion: 114 Resp: 359156

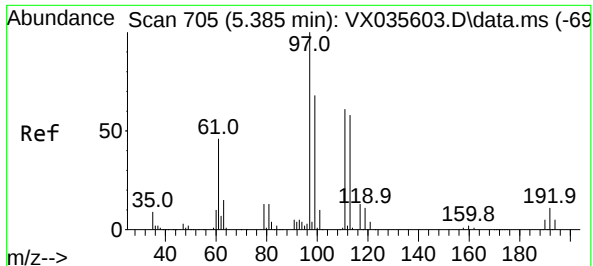
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

88 17.6 0.0 33.2

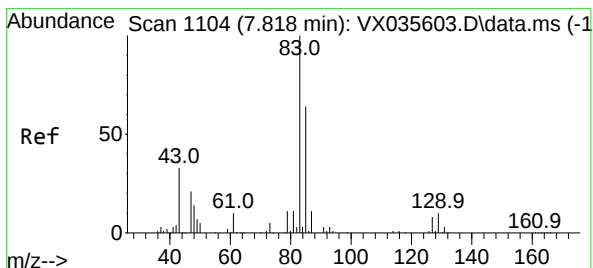
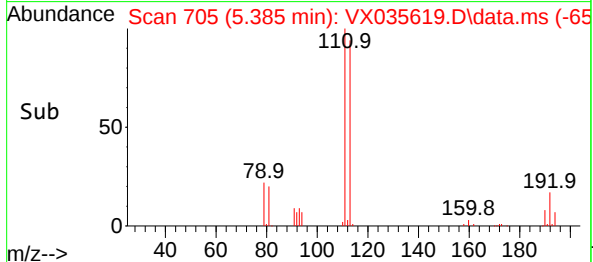
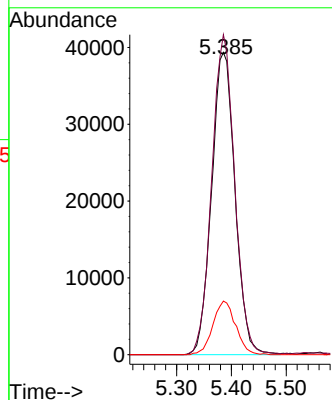
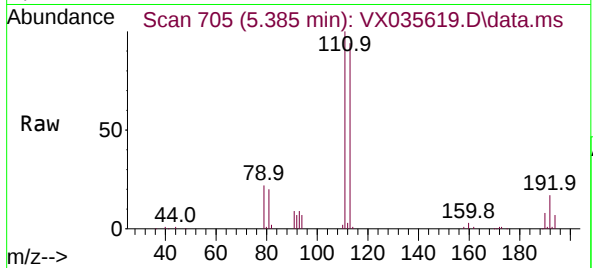




#35
 Dibromofluoromethane
 Concen: 48.115 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035619.D
 Acq: 11 May 2023 19:46

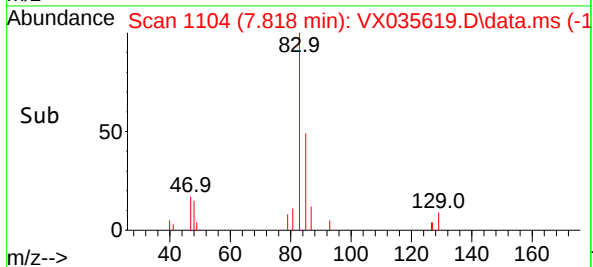
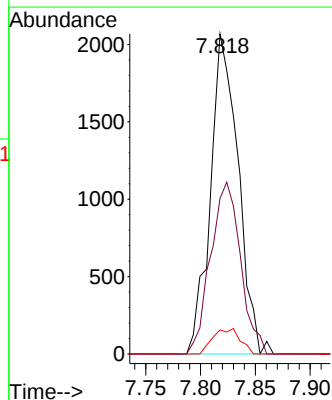
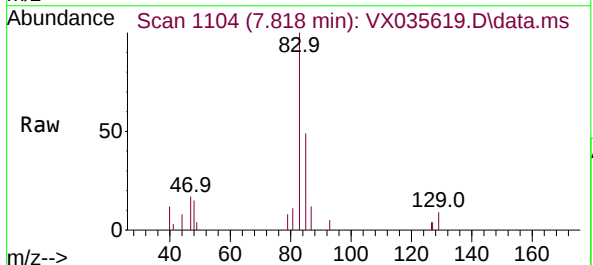
Instrument :
 MSVOA_X
 ClientSampleId :
 14-051023

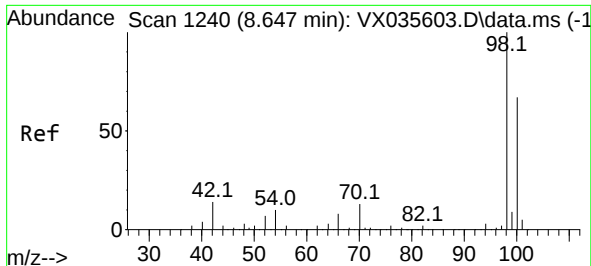
Tgt Ion:113 Resp: 116541
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.7 125.5
 192 17.3 15.4 23.2



#47
 Bromodichloromethane
 Concen: 0.972 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VX035619.D
 Acq: 11 May 2023 19:46

Tgt Ion: 83 Resp: 3642
 Ion Ratio Lower Upper
 83 100
 85 48.6 52.2 78.4#
 127 7.5 6.6 9.8





#50

Toluene-d8

Concen: 47.998 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

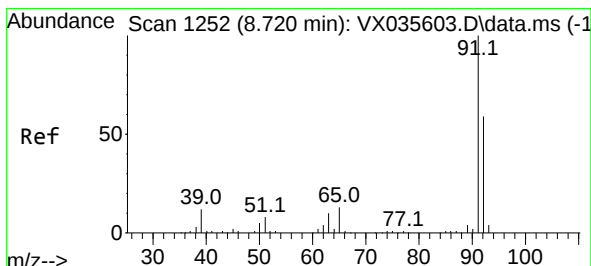
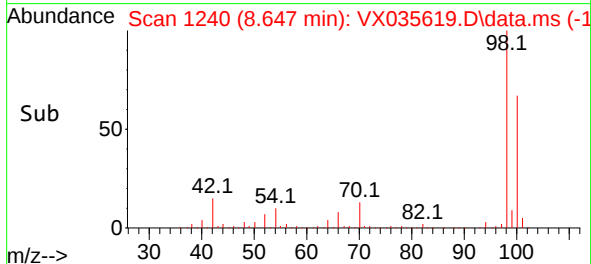
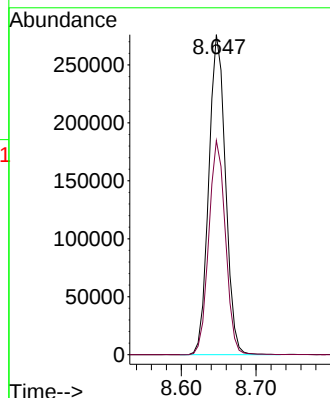
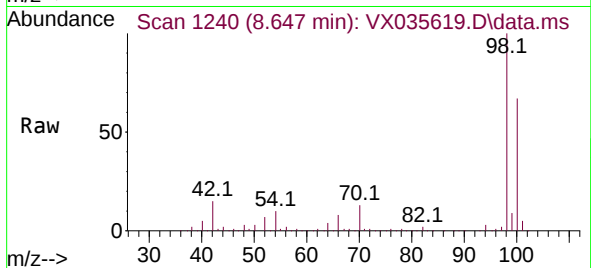
14-051023

Tgt Ion: 98 Resp: 429487

Ion Ratio Lower Upper

98 100

100 66.7 52.5 78.7



#52

Toluene

Concen: 1.139 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035619.D

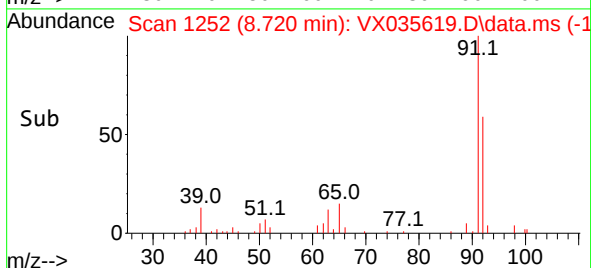
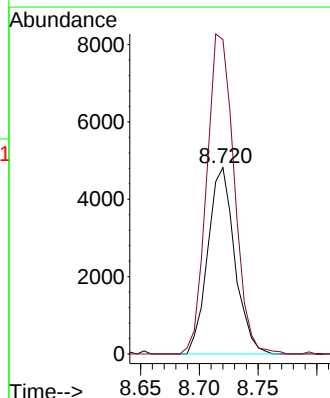
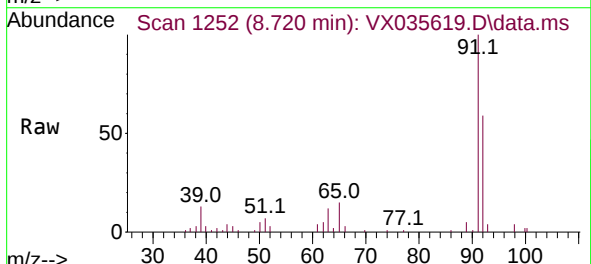
Acq: 11 May 2023 19:46

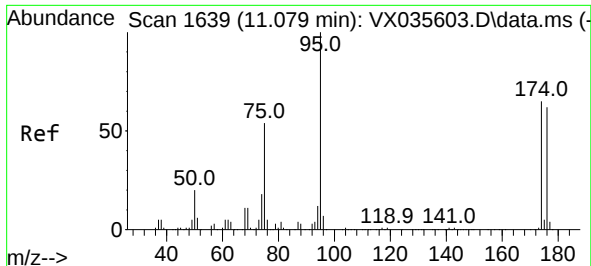
Tgt Ion: 92 Resp: 7693

Ion Ratio Lower Upper

92 100

91 175.1 136.8 205.2

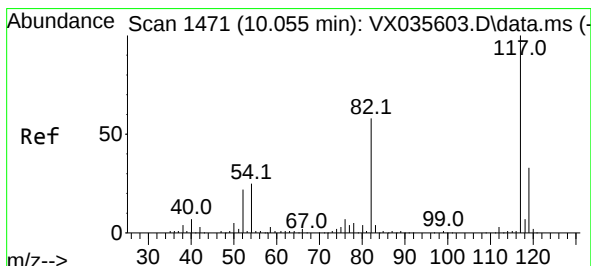
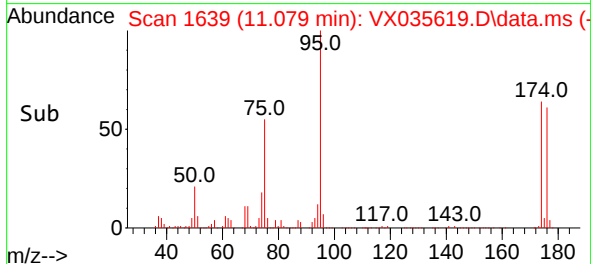
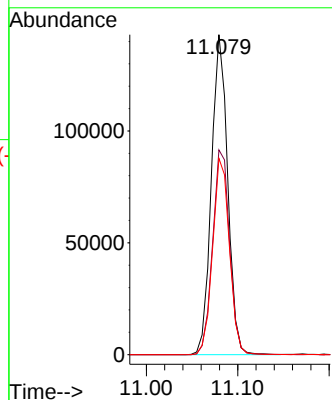
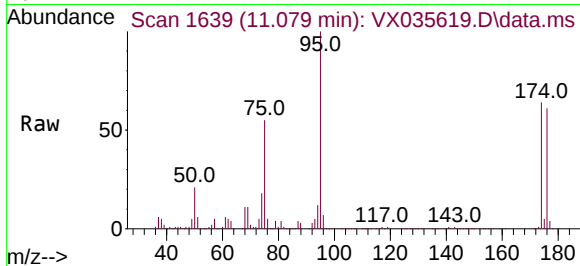




#62
4-Bromofluorobenzene
Concen: 48.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

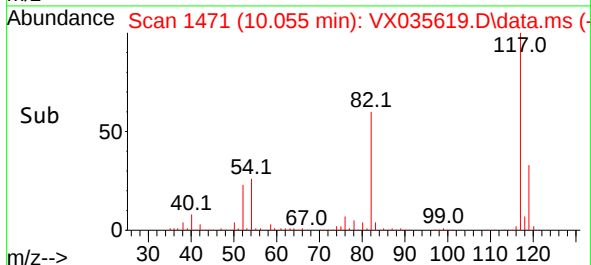
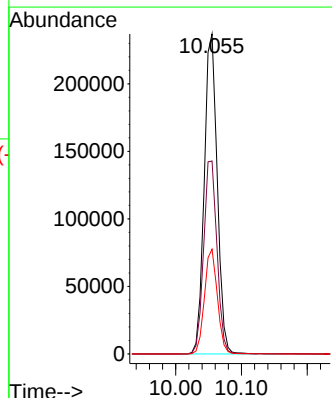
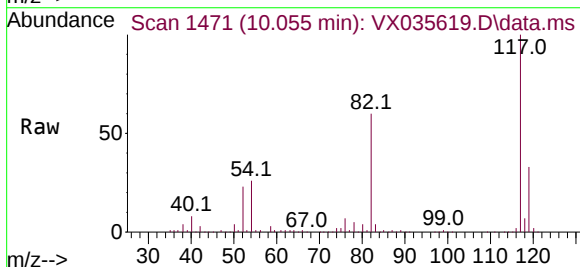
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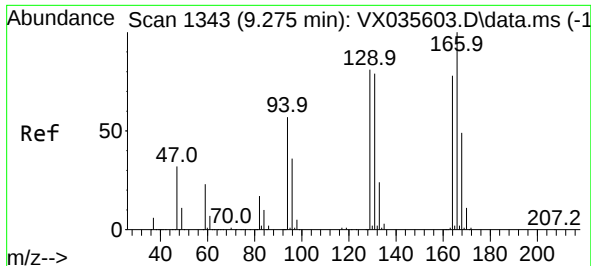
Tgt Ion: 95 Resp: 176373
Ion Ratio Lower Upper
95 100
174 66.9 0.0 147.4
176 63.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion: 117 Resp: 326257
Ion Ratio Lower Upper
117 100
82 60.3 45.0 67.4
119 32.8 26.0 39.0

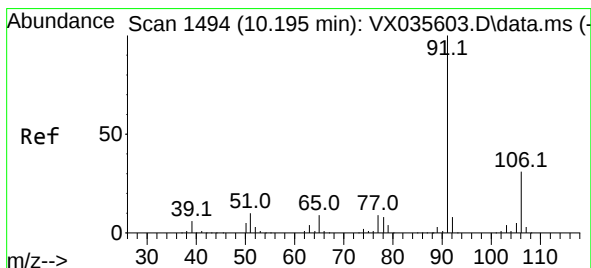
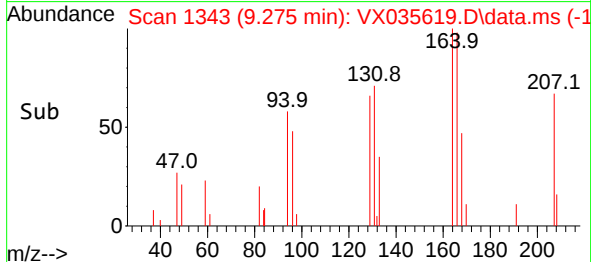
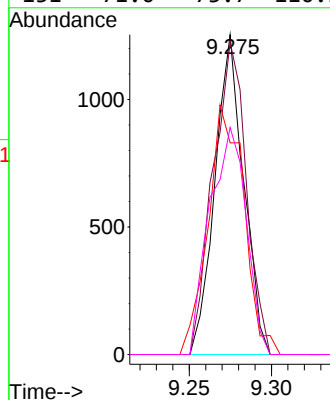
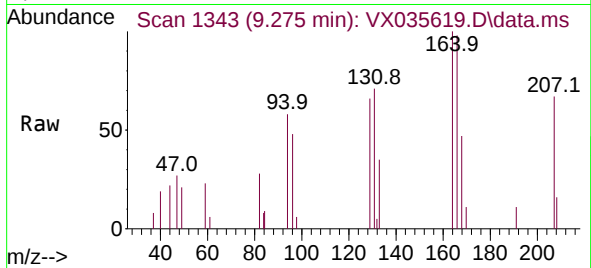




#64
Tetrachloroethene
Concen: 0.693 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

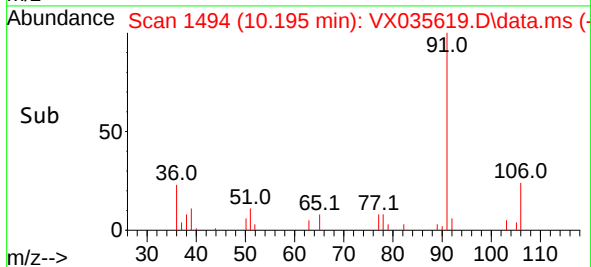
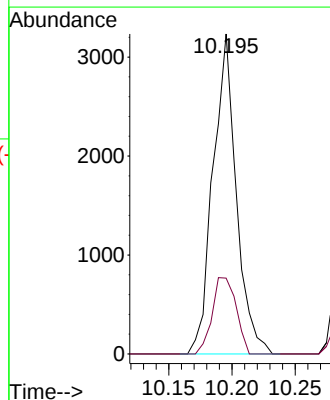
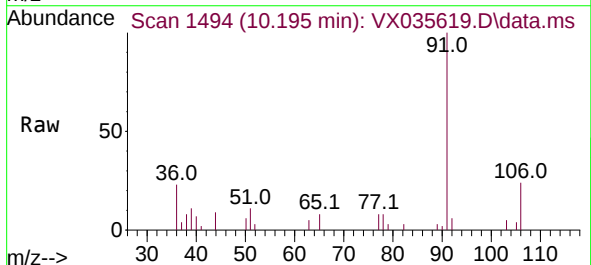
Instrument :
MSVOA_X
ClientSampleId :
14-051023

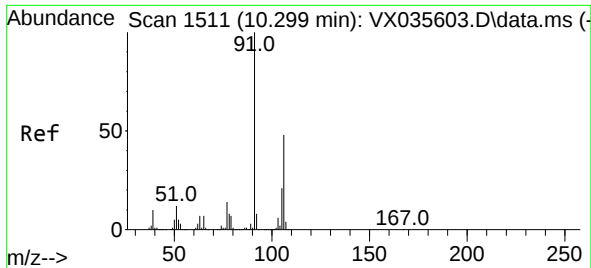
Tgt Ion:164 Resp: 1522
Ion Ratio Lower Upper
164 100
166 97.7 102.7 154.1#
129 66.2 75.6 113.4#
131 71.0 73.7 110.5#



#67
Ethyl Benzene
Concen: 0.310 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion: 91 Resp: 4148
Ion Ratio Lower Upper
91 100
106 23.7 25.6 38.4#

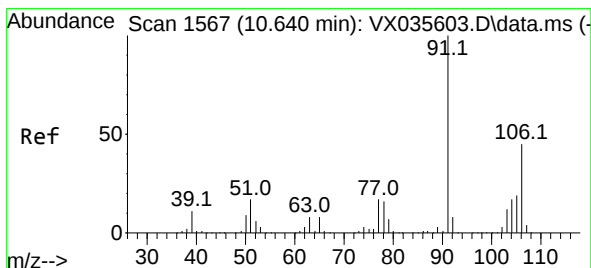
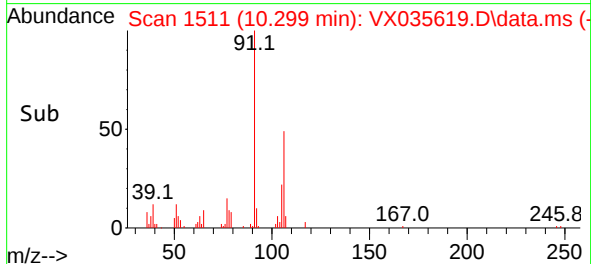
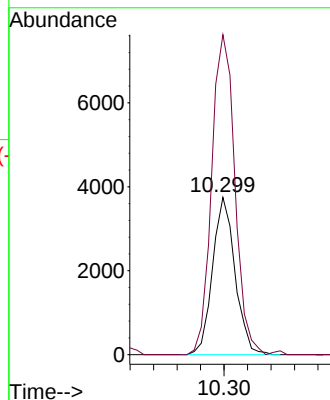
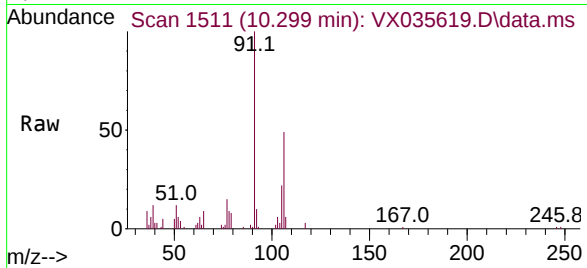




#68
m/p-Xylenes
Concen: 1.006 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

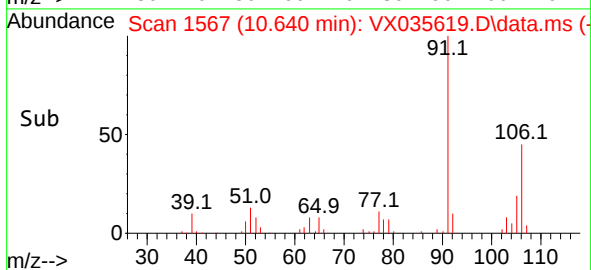
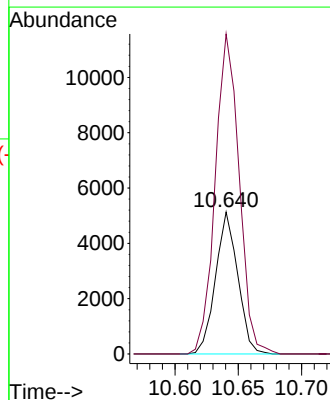
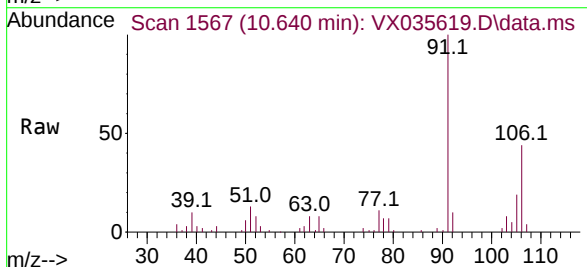
Instrument :
MSVOA_X
ClientSampleId :
14-051023

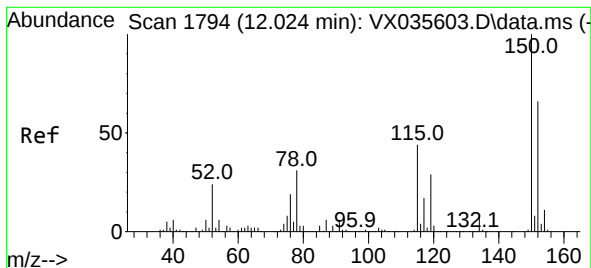
Tgt Ion:106 Resp: 4983
Ion Ratio Lower Upper
106 100
91 210.4 164.0 246.0



#69
o-Xylene
Concen: 1.276 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion:106 Resp: 6268
Ion Ratio Lower Upper
106 100
91 242.6 108.5 325.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

14-051023

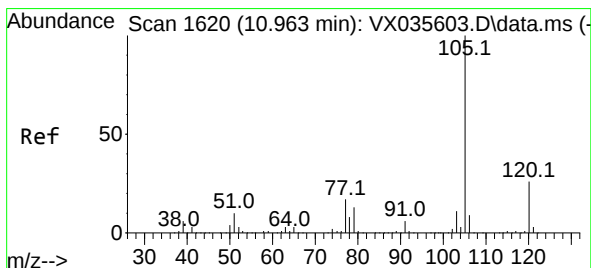
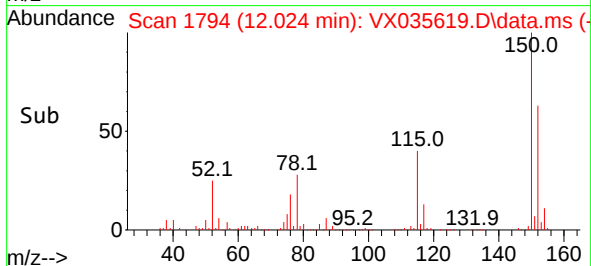
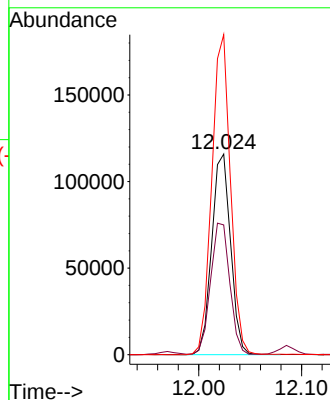
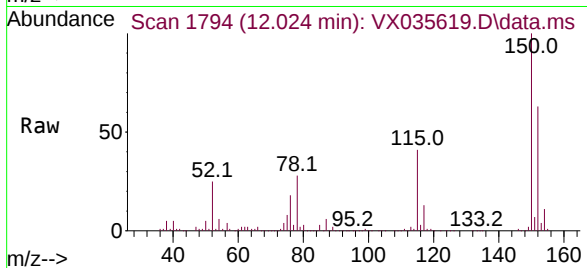
Tgt Ion:152 Resp: 147808

Ion Ratio Lower Upper

152 100

115 67.0 45.0 135.0

150 157.5 0.0 352.4



#73

Isopropylbenzene

Concen: 0.979 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035619.D

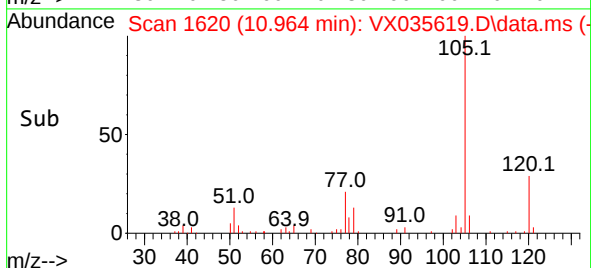
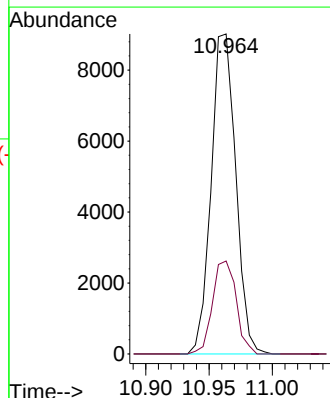
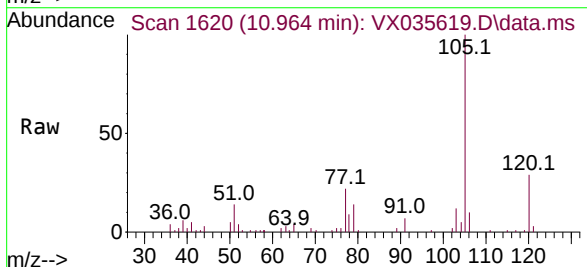
Acq: 11 May 2023 19:46

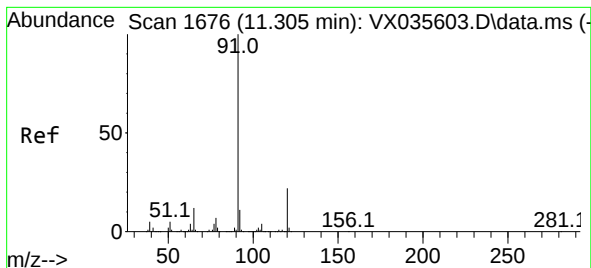
Tgt Ion:105 Resp: 12197

Ion Ratio Lower Upper

105 100

120 27.9 13.3 39.9





#78

n-propylbenzene

Concen: 6.956 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035619.D

Acq: 11 May 2023 19:46

Instrument :

MSVOA_X

ClientSampleId :

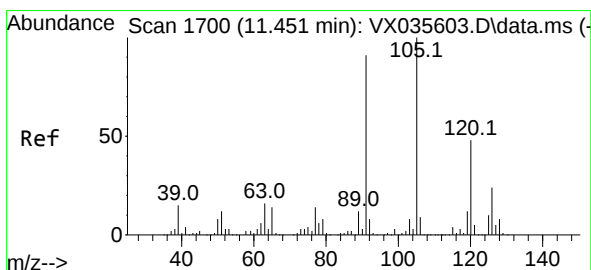
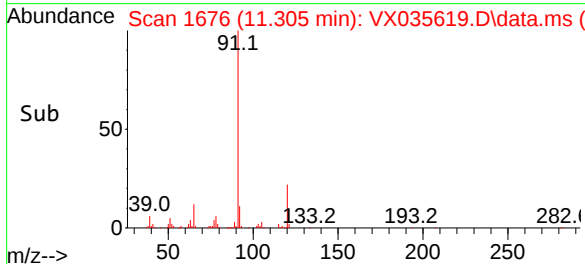
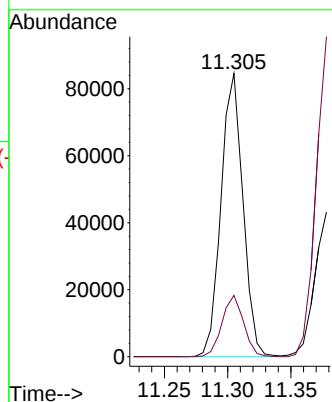
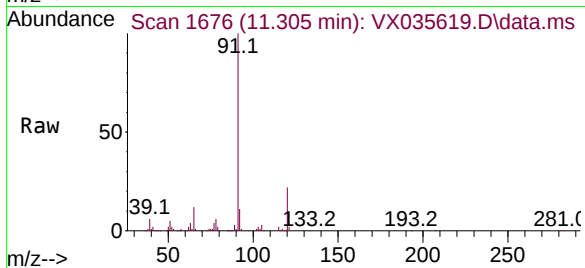
14-051023

Tgt Ion: 91 Resp: 101847

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 18.016 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035619.D

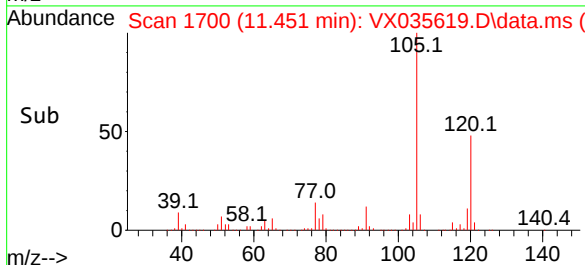
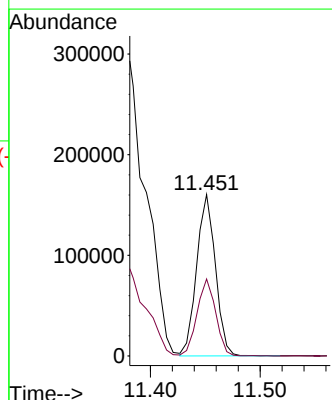
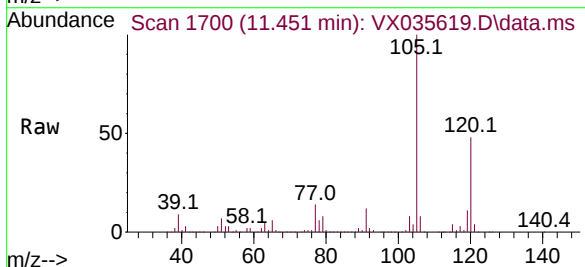
Acq: 11 May 2023 19:46

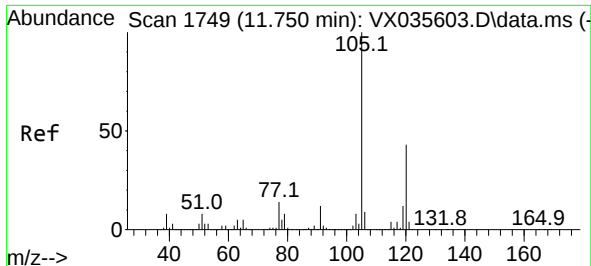
Tgt Ion:105 Resp: 190720

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1

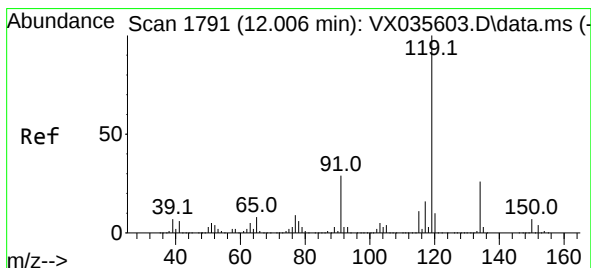
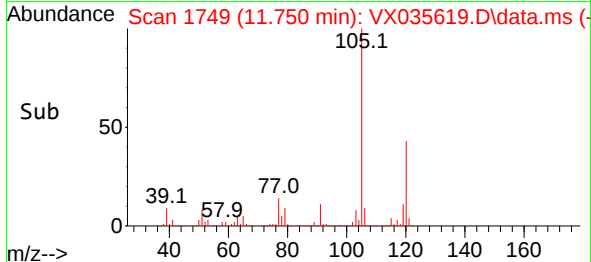
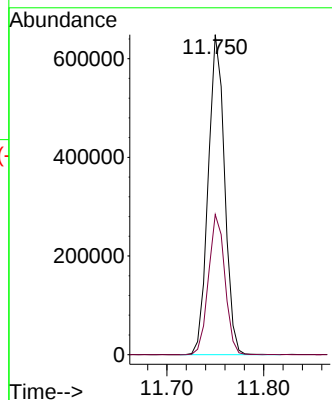
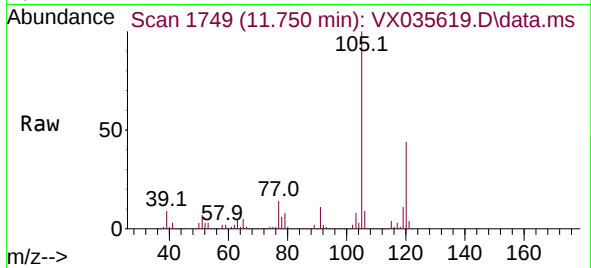




#84
1,2,4-Trimethylbenzene
Concen: 71.732 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

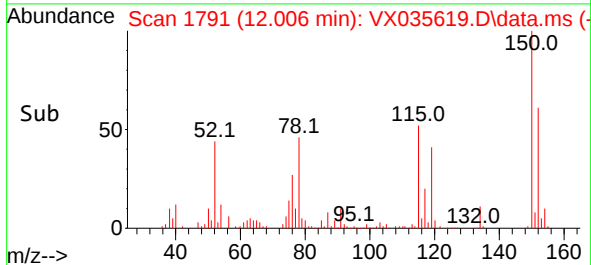
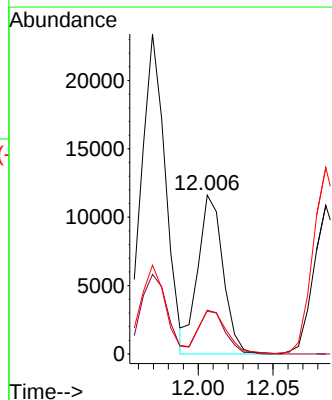
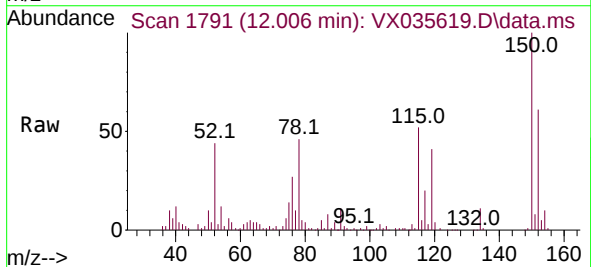
Instrument :
MSVOA_X
ClientSampleId :
14-051023

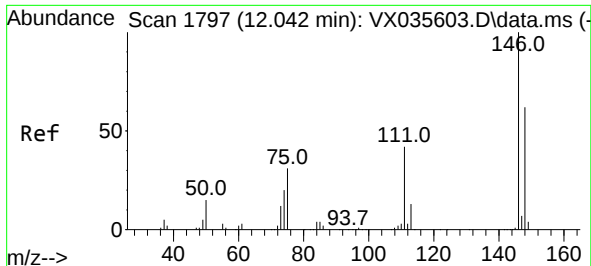
Tgt Ion:105 Resp: 762449
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0



#86
p-Isopropyltoluene
Concen: 1.284 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion:119 Resp: 13642
Ion Ratio Lower Upper
119 100
134 28.2 13.2 39.5
91 29.9 12.9 38.7

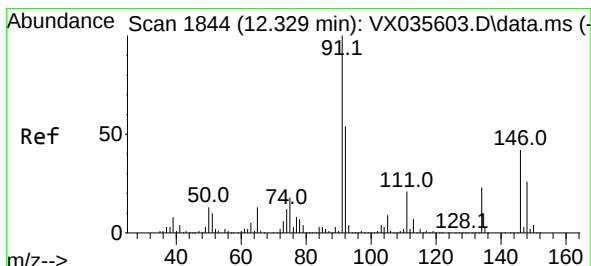
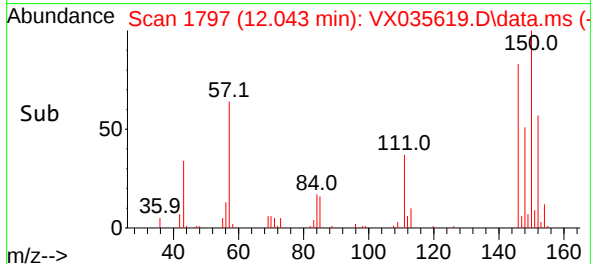
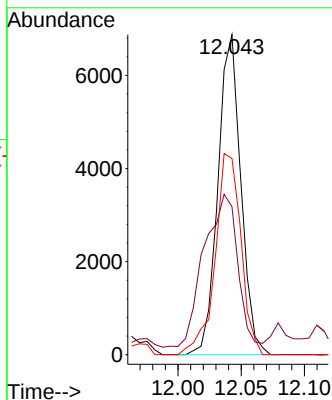
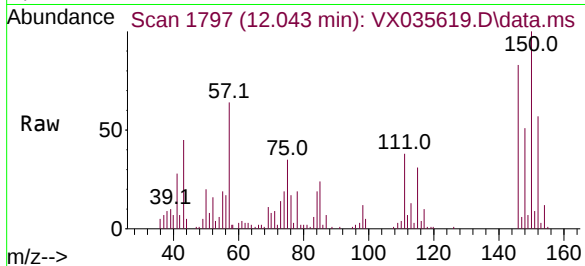




#88
1,4-Dichlorobenzene
Concen: 1.594 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Instrument :
MSVOA_X
ClientSampleId :
14-051023

Tgt Ion:146 Resp: 8644
Ion Ratio Lower Upper
146 100
111 69.9 20.6 61.9#
148 70.7 31.8 95.4



#89
n-Butylbenzene
Concen: 1.632 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035619.D
Acq: 11 May 2023 19:46

Tgt Ion: 91 Resp: 15768
Ion Ratio Lower Upper
91 100
92 32.5 27.7 83.0
134 98.3 13.0 38.9#

