

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032211.D
 Acq On : 19 Oct 2022 16:37
 Operator : JC/MD
 Sample : N5170-01MEDL 10X
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1639

Quant Time: Oct 19 17:10:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 13:54:04 2022
 Response via : Initial Calibration

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

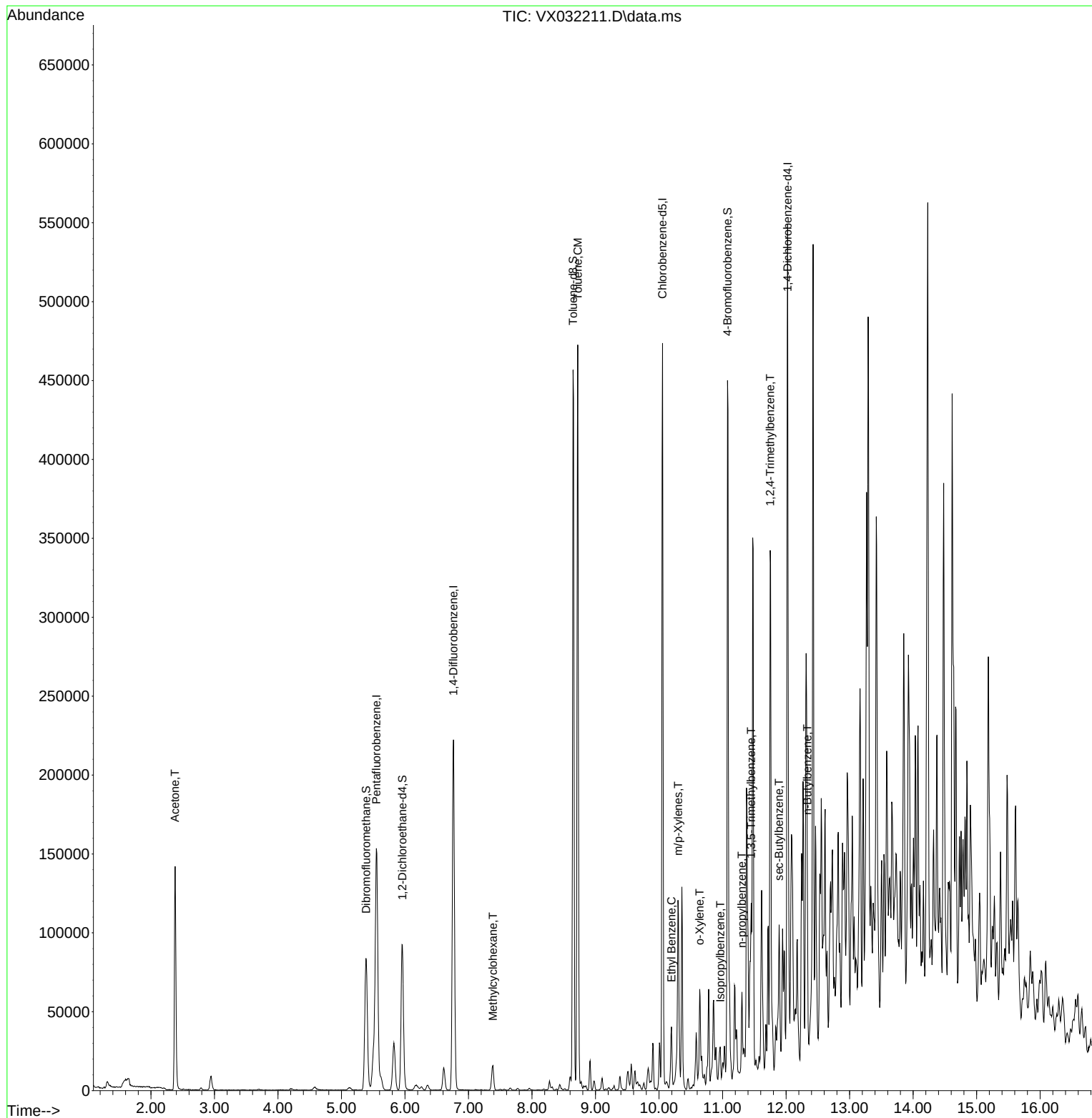
Internal Standards						
1) Pentafluorobenzene	5.549	168	144152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90499	48.259	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.520%
35) Dibromofluoromethane	5.385	113	73164	46.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.646	98	271771	47.516	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.040%
62) 4-Bromofluorobenzene	11.079	95	97629	46.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	149998	246.479	ug/l	100
39) Methylcyclohexane	7.385	83	7277	2.980	ug/l	96
52) Toluene	8.720	92	170594	44.455	ug/l	98
67) Ethyl Benzene	10.195	91	19174	2.591	ug/l	100
68) m/p-Xylenes	10.299	106	25791	8.826	ug/l	99
69) o-Xylene	10.640	106	12835	4.585	ug/l	97
73) Isopropylbenzene	10.963	105	9056	1.260	ug/l	97
78) n-propylbenzene	11.305	91	32267	3.920	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	36381	5.859	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	137185	22.725	ug/l	99
85) sec-Butylbenzene	11.890	105	19207	2.558	ug/l	87
89) n-Butylbenzene	12.335	91	44343	7.881	ug/l #	57

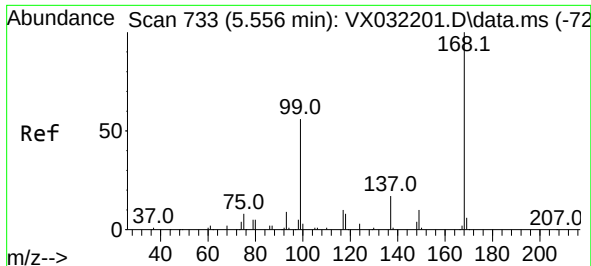
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
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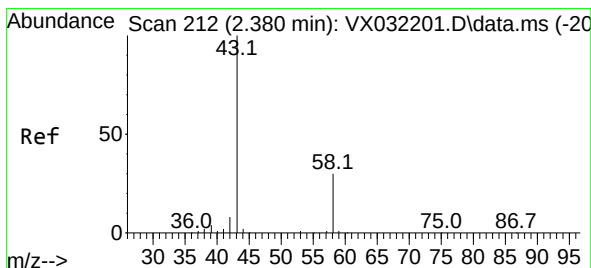
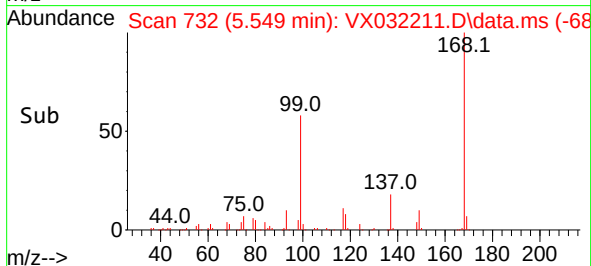
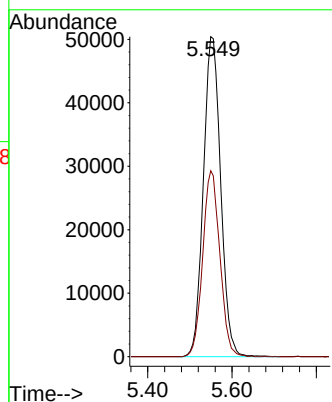
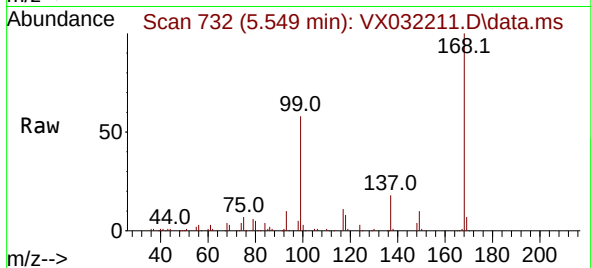




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

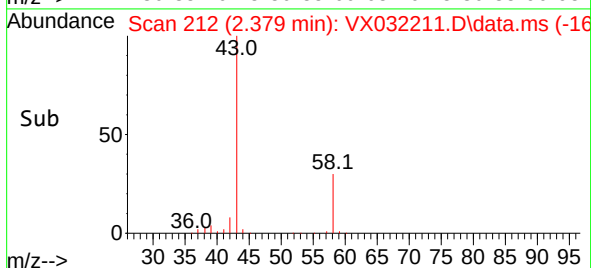
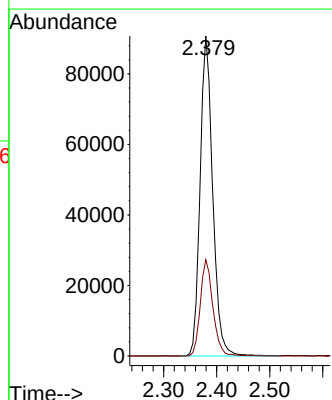
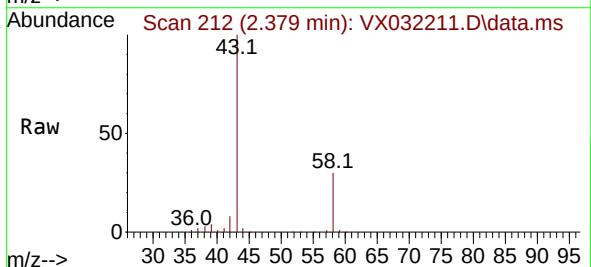
Instrument :
MSVOA_X
ClientSampleId :
1639

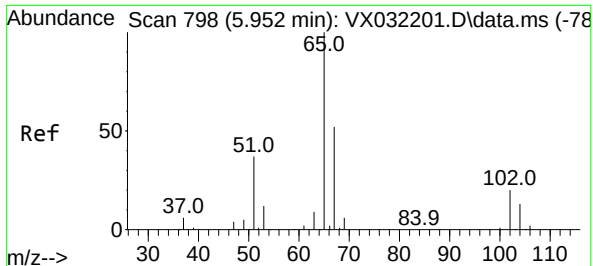
Tgt Ion:168 Resp: 144152
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#16
Acetone
Concen: 246.479 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 43 Resp: 149998
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 48.259 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032211.D

Acq: 19 Oct 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

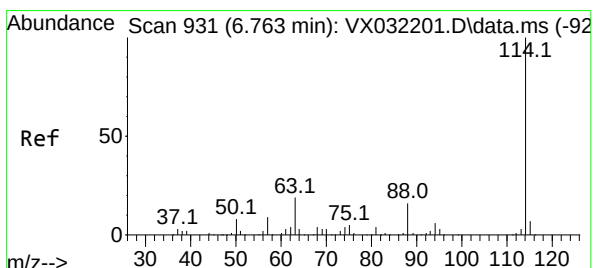
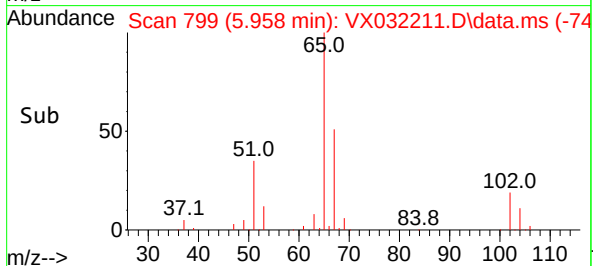
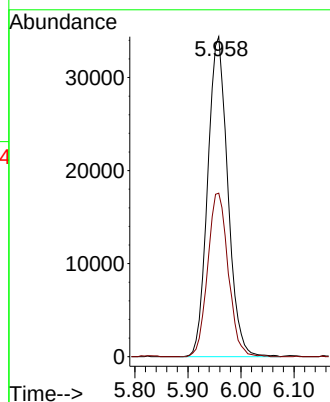
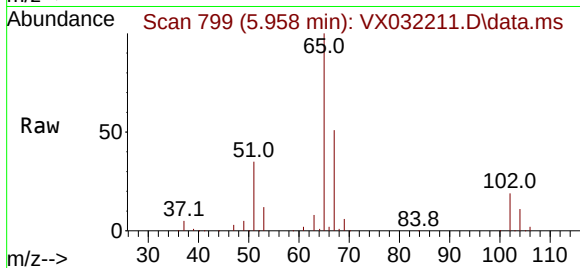
1639

Tgt Ion: 65 Resp: 90499

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032211.D

Acq: 19 Oct 2022 16:37

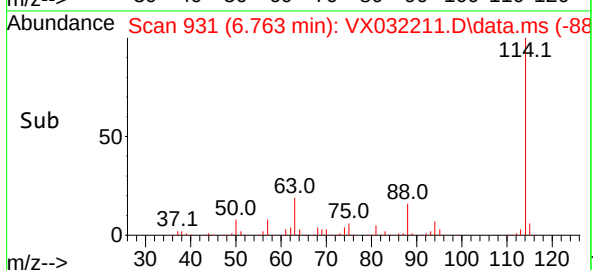
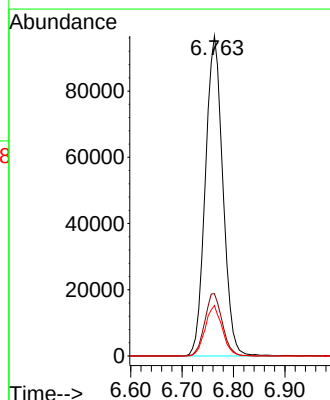
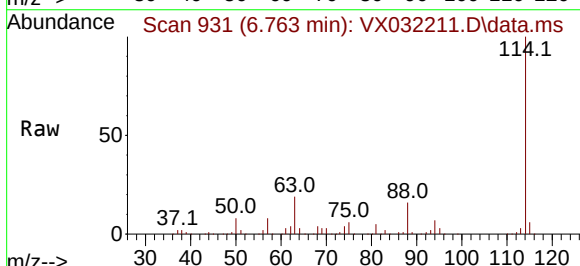
Tgt Ion: 114 Resp: 228337

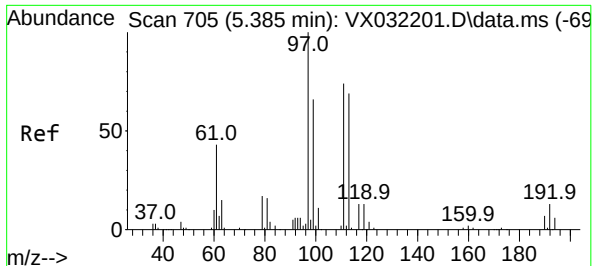
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

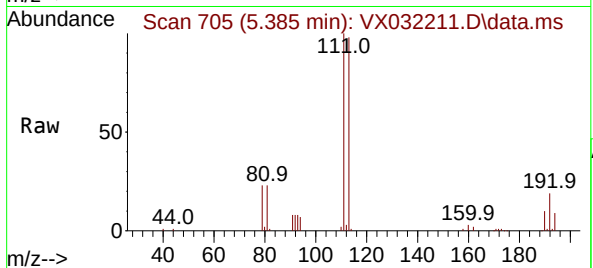
88 15.8 0.0 32.6



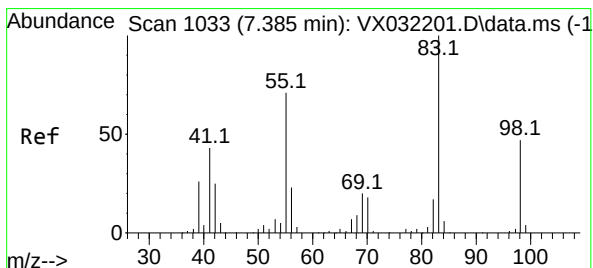
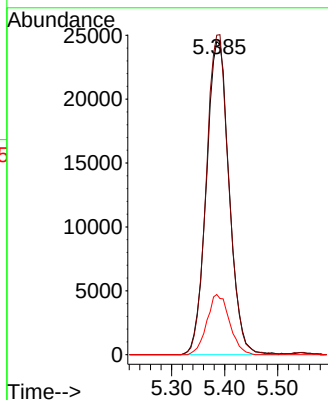
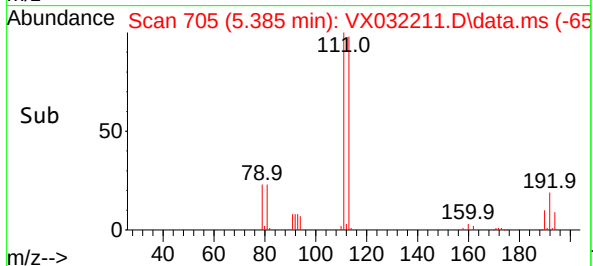


#35
Dibromofluoromethane
Concen: 46.046 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Instrument :
MSVOA_X
ClientSampleId :
1639

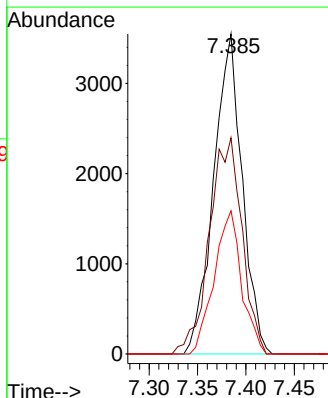
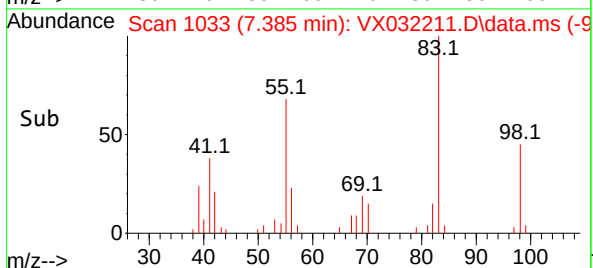
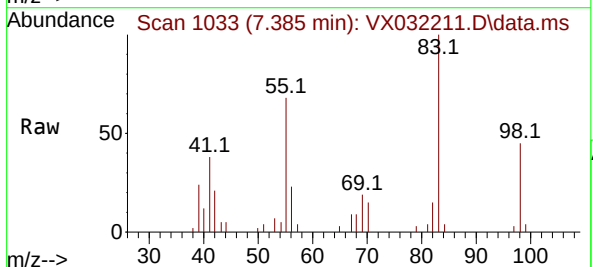


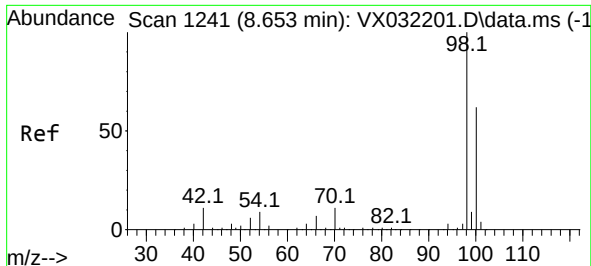
Tgt Ion:113 Resp: 73164
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 19.0 15.5 23.3



#39
Methylcyclohexane
Concen: 2.980 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 83 Resp: 7277
Ion Ratio Lower Upper
83 100
55 67.5 56.6 85.0
98 44.8 37.4 56.0

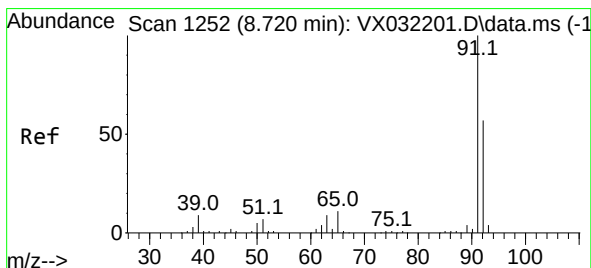
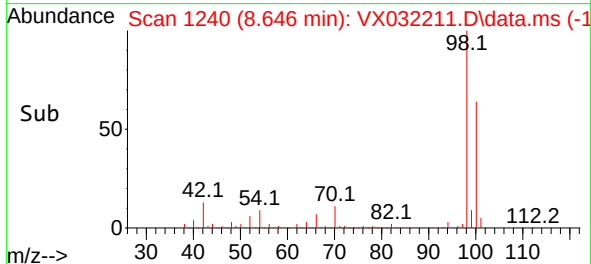
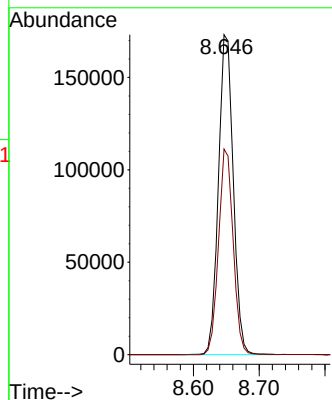
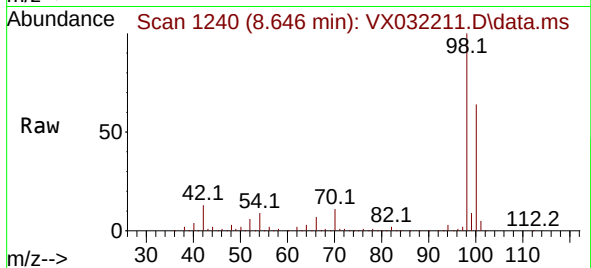




#50
Toluene-d8
Concen: 47.516 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

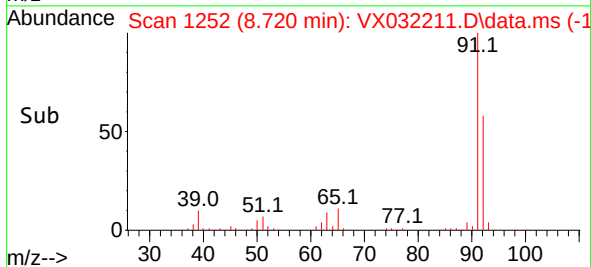
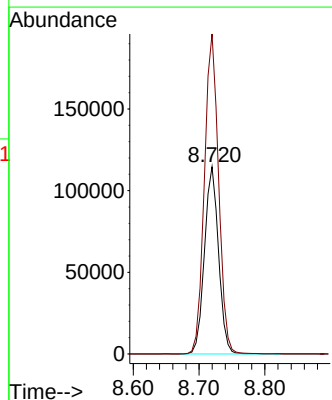
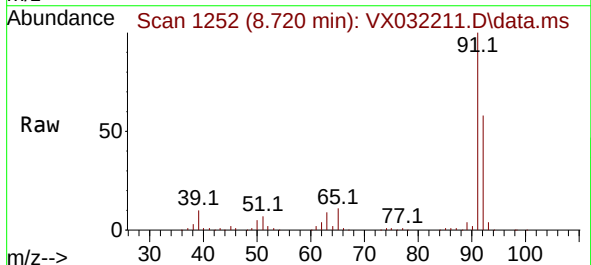
Instrument :
MSVOA_X
ClientSampleId :
1639

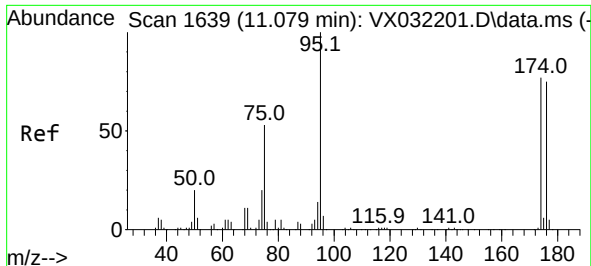
Tgt Ion: 98 Resp: 271771
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#52
Toluene
Concen: 44.455 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 92 Resp: 170594
Ion Ratio Lower Upper
92 100
91 172.4 140.3 210.5

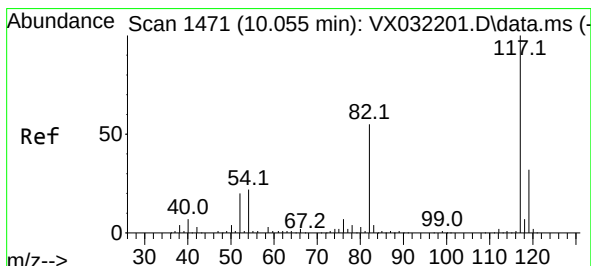
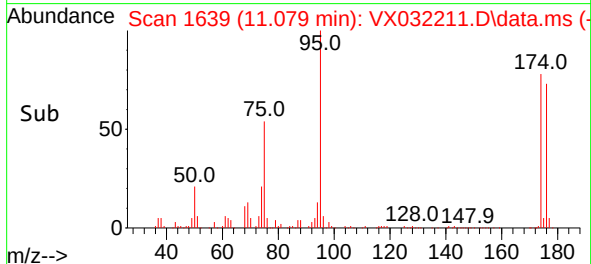
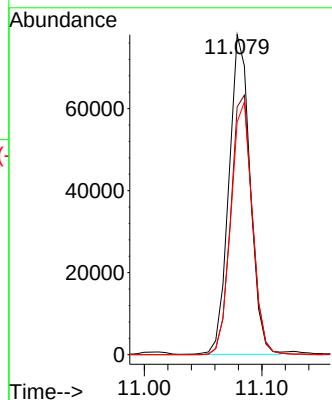
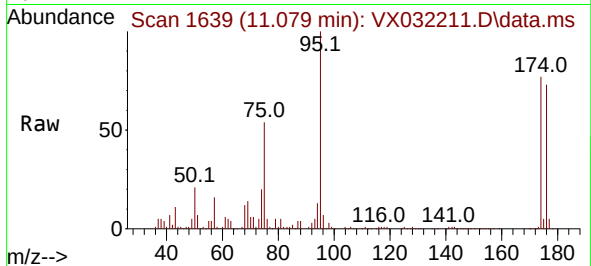




#62
4-Bromofluorobenzene
Concen: 46.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

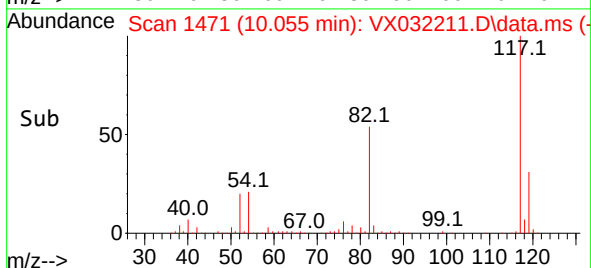
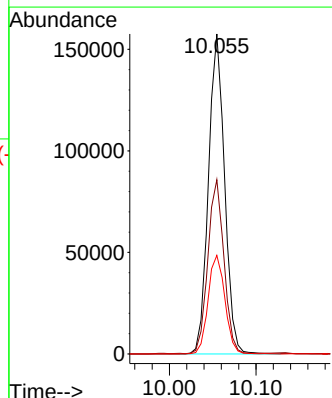
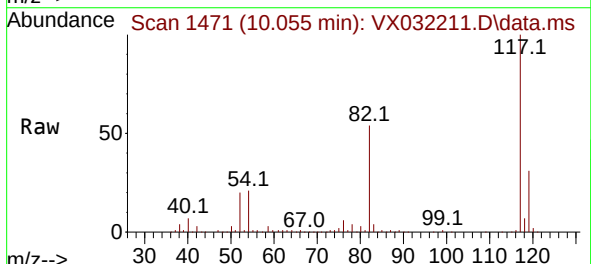
Instrument :
MSVOA_X
ClientSampleId :
1639

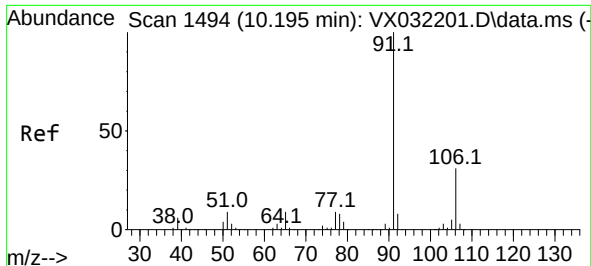
Tgt Ion: 95 Resp: 97629
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.8
176 80.0 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 117 Resp: 203852
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 30.8 25.8 38.8

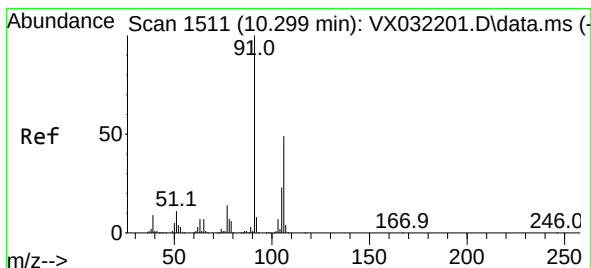
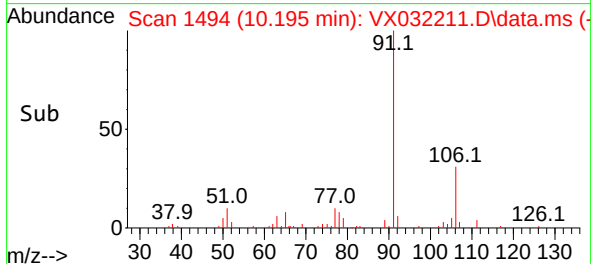
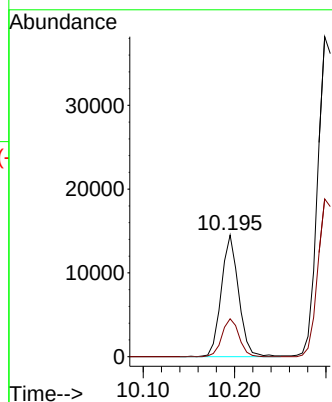
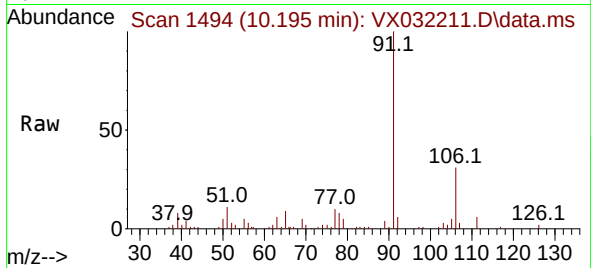




#67
Ethyl Benzene
Concen: 2.591 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

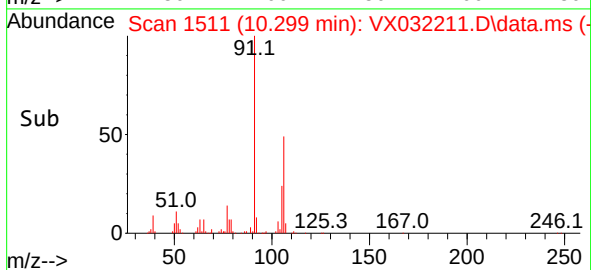
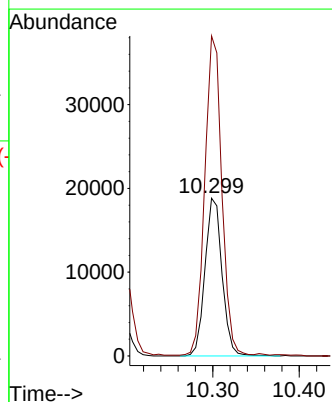
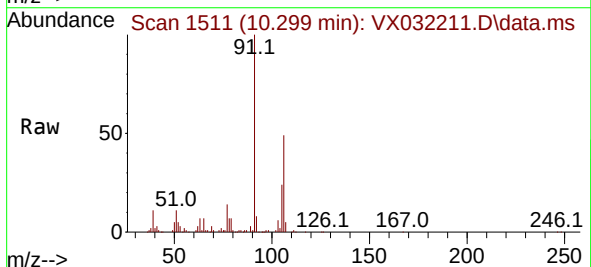
Instrument :
MSVOA_X
ClientSampleId :
1639

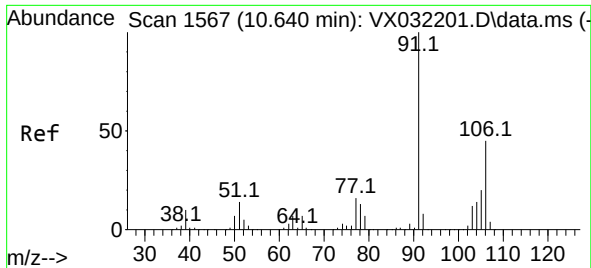
Tgt Ion: 91 Resp: 19174
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 8.826 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 106 Resp: 25791
Ion Ratio Lower Upper
106 100
91 201.1 162.6 244.0

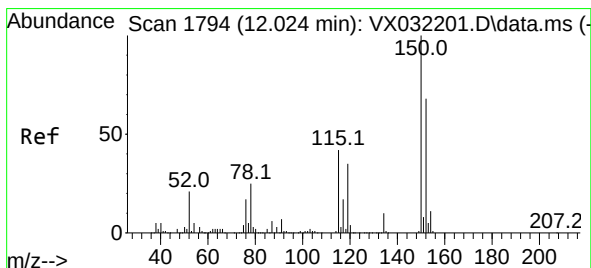
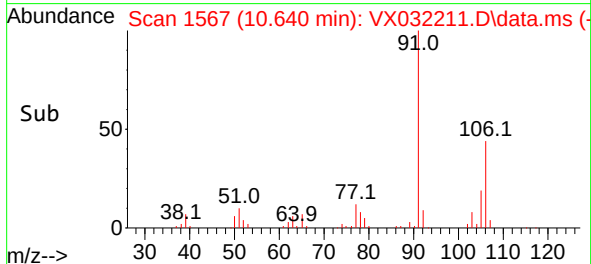
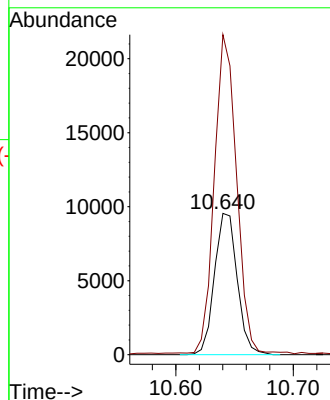
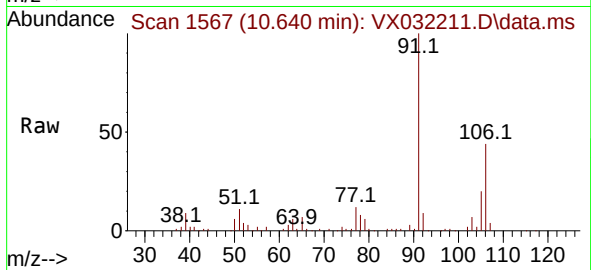




#69
o-Xylene
Concen: 4.585 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

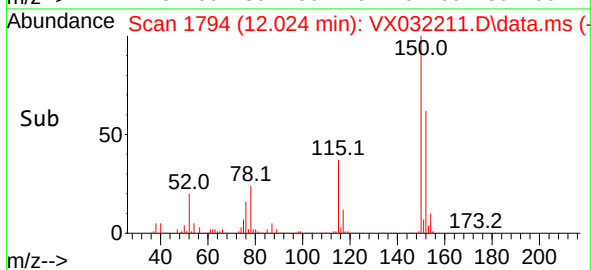
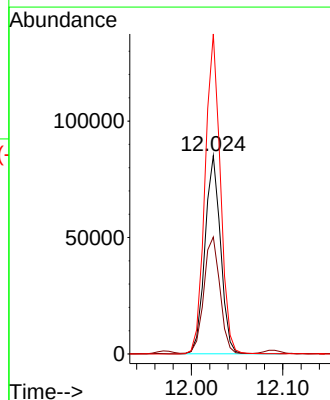
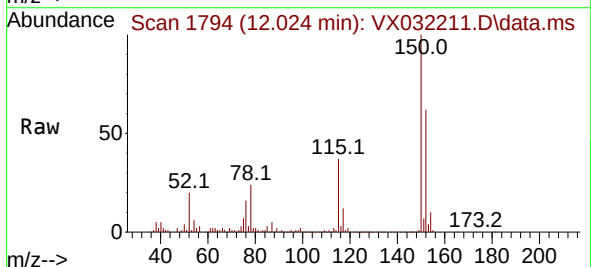
Instrument :
MSVOA_X
ClientSampleId :
1639

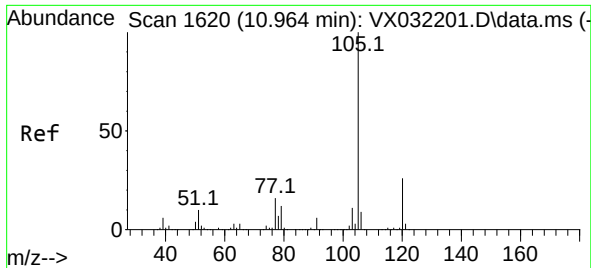
Tgt Ion:106 Resp: 12835
Ion Ratio Lower Upper
106 100
91 221.0 108.3 324.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion:152 Resp: 100743
Ion Ratio Lower Upper
152 100
115 61.1 43.1 129.4
150 158.6 0.0 348.6

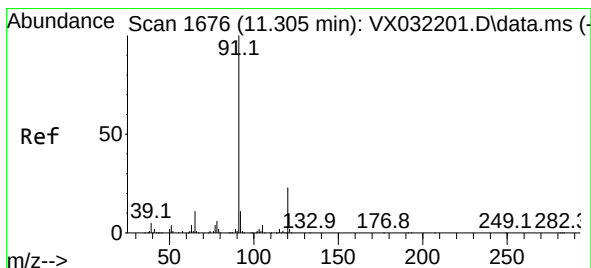
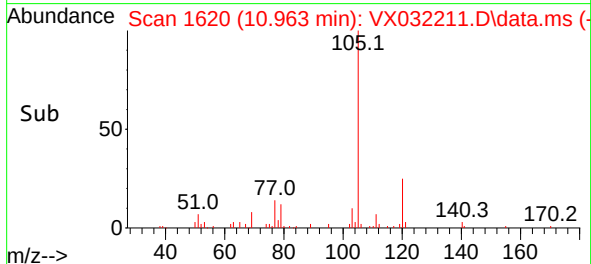
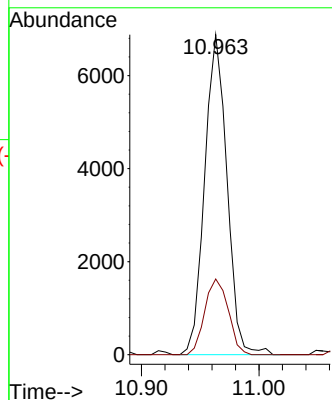
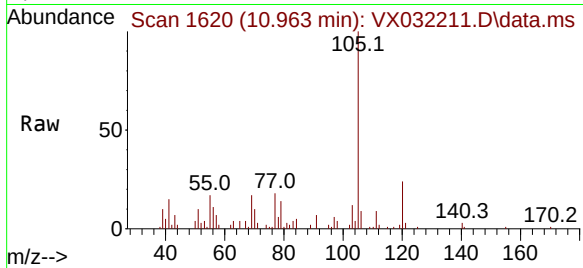




#73
Isopropylbenzene
Concen: 1.260 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

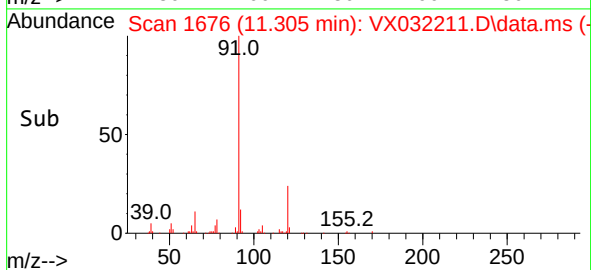
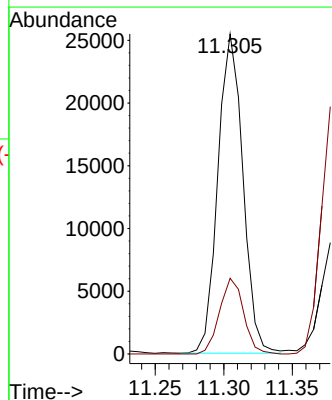
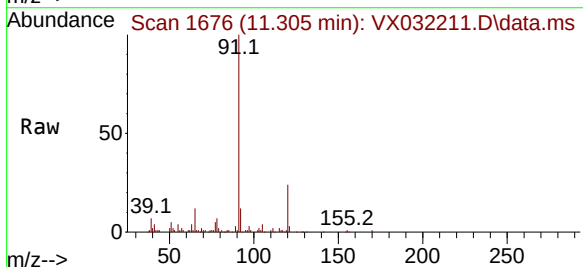
Instrument :
MSVOA_X
ClientSampleId :
1639

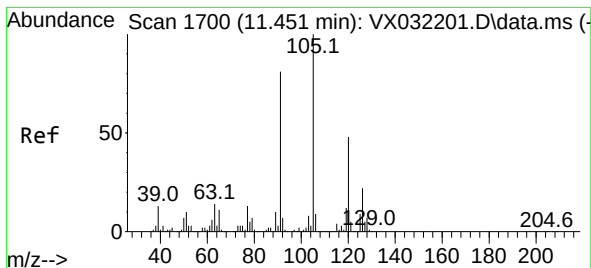
Tgt Ion:105 Resp: 9056
Ion Ratio Lower Upper
105 100
120 24.9 13.2 39.6



#78
n-propylbenzene
Concen: 3.920 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032211.D
Acq: 19 Oct 2022 16:37

Tgt Ion: 91 Resp: 32267
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 5.859 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX032211.D

Acq: 19 Oct 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

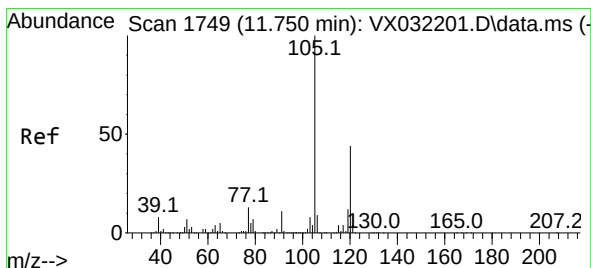
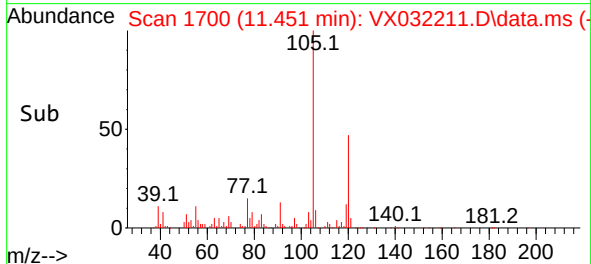
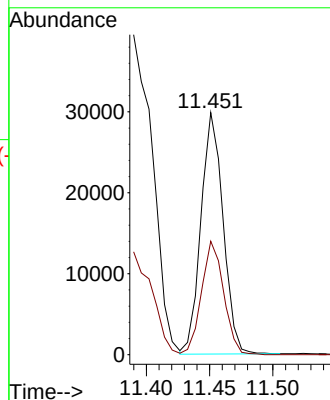
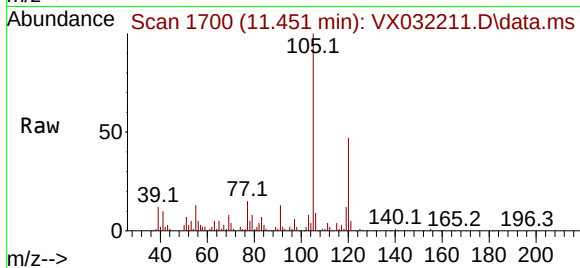
1639

Tgt Ion:105 Resp: 36381

Ion Ratio Lower Upper

105 100

120 47.1 23.5 70.6



#84

1,2,4-Trimethylbenzene

Concen: 22.725 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX032211.D

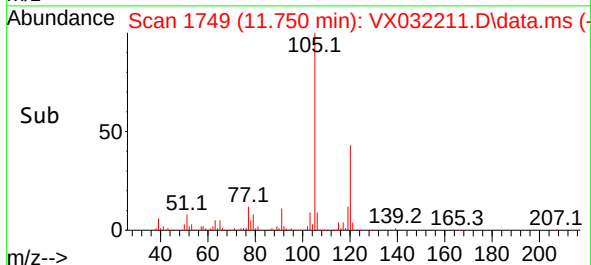
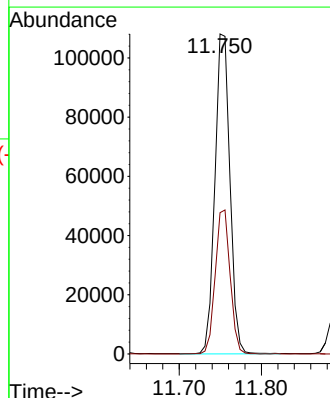
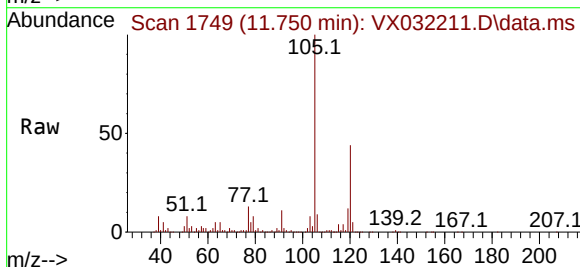
Acq: 19 Oct 2022 16:37

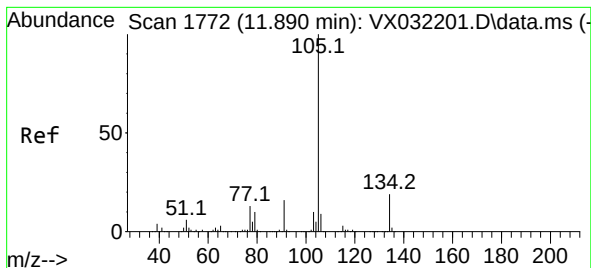
Tgt Ion:105 Resp: 137185

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 2.558 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX032211.D

Acq: 19 Oct 2022 16:37

Instrument :

MSVOA_X

ClientSampleId :

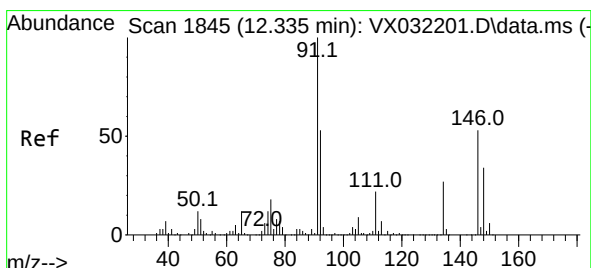
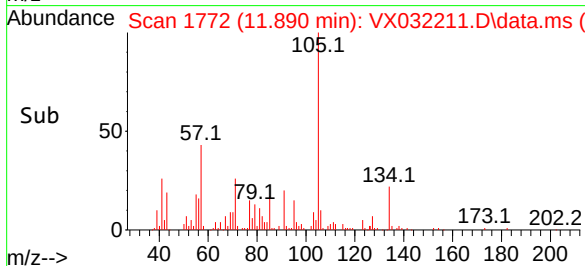
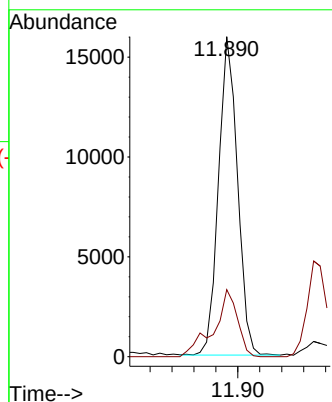
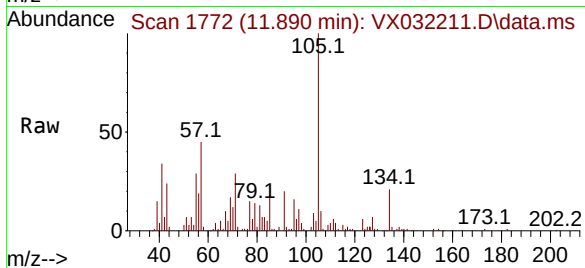
1639

Tgt Ion:105 Resp: 19207

Ion Ratio Lower Upper

105 100

134 26.2 10.1 30.3



#89

n-Butylbenzene

Concen: 7.881 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032211.D

Acq: 19 Oct 2022 16:37

Tgt Ion: 91 Resp: 44343

Ion Ratio Lower Upper

91 100

92 40.0 26.3 78.9

134 74.0 13.0 39.0#

