

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032676.D
 Acq On : 09 Nov 2022 13:58
 Operator : JC/MD
 Sample : N5515-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMI121

Quant Time: Nov 10 03:04:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

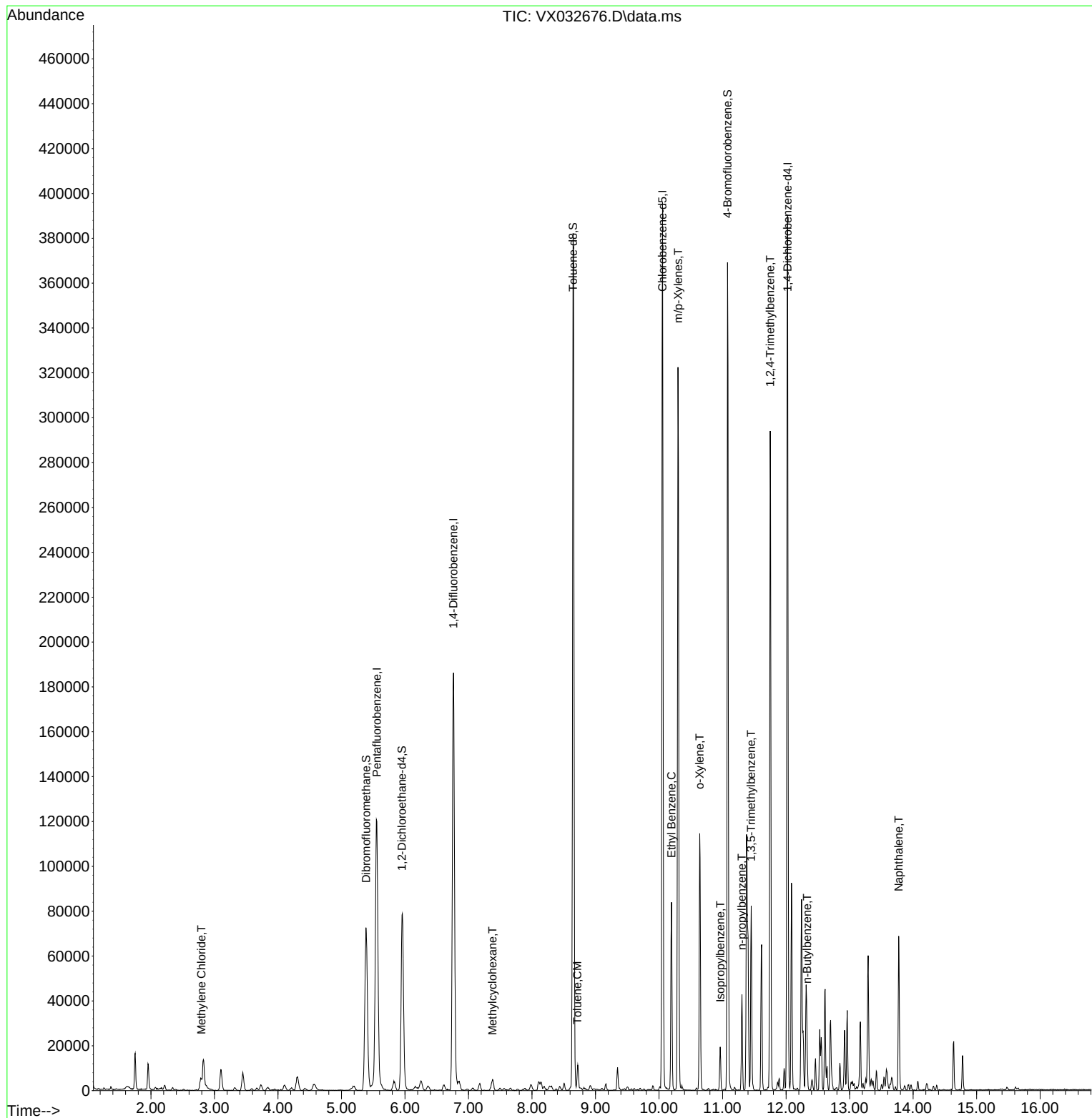
Internal Standards						
1) Pentafluorobenzene	5.556	168	113825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79853	50.490	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.385	113	61250	45.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.180%			
50) Toluene-d8	8.647	98	228822	48.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	90731	49.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.440%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	934	0.709	ug/l #	82
39) Methylcyclohexane	7.379	83	2050	0.926	ug/l #	87
52) Toluene	8.714	92	4128	1.195	ug/l	95
67) Ethyl Benzene	10.195	91	46316	6.834	ug/l	97
68) m/p-Xylenes	10.299	106	71423	27.139	ug/l	99
69) o-Xylene	10.640	106	23678	9.254	ug/l	95
73) Isopropylbenzene	10.963	105	9605	1.474	ug/l	99
78) n-propylbenzene	11.305	91	25049	3.337	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	34243	6.150	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	126993	22.932	ug/l	99
89) n-Butylbenzene	12.329	91	8155	1.652	ug/l #	42
95) Naphthalene	13.774	128	41306	6.400	ug/l	99

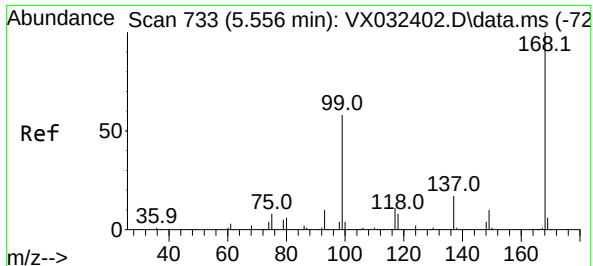
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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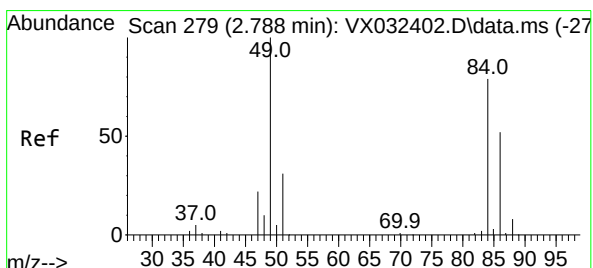
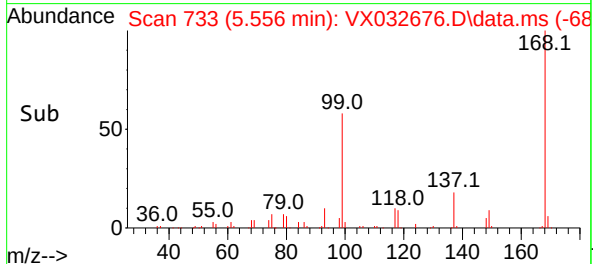
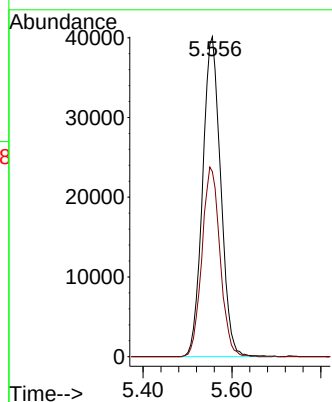
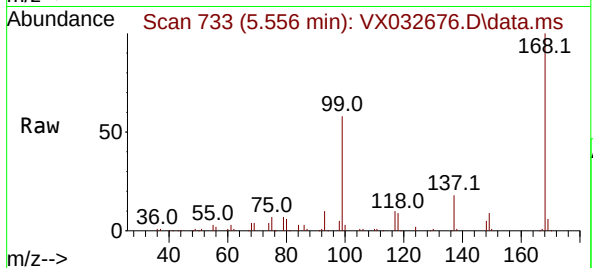




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032676.D
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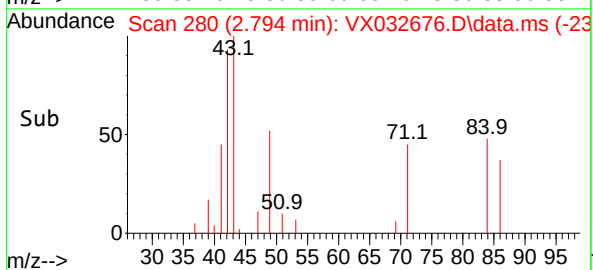
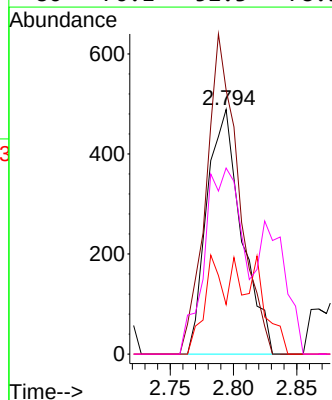
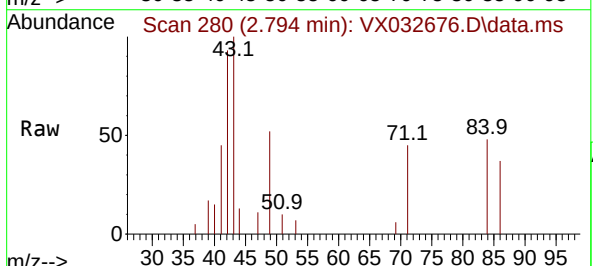
Instrument :
MSVOA_X
ClientSampleId :
FMI121

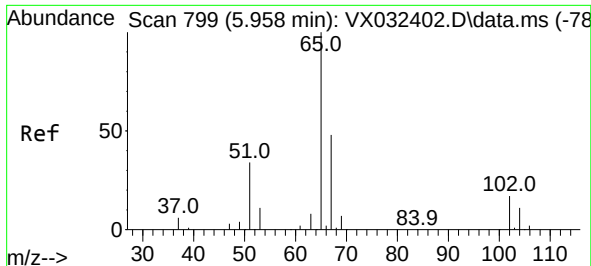
Tgt Ion:168 Resp: 113825
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#20
Methylene Chloride
Concen: 0.709 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

Tgt Ion: 84 Resp: 934
Ion Ratio Lower Upper
84 100
49 108.0 101.0 151.6
51 20.2 31.1 46.7#
86 76.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 50.490 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

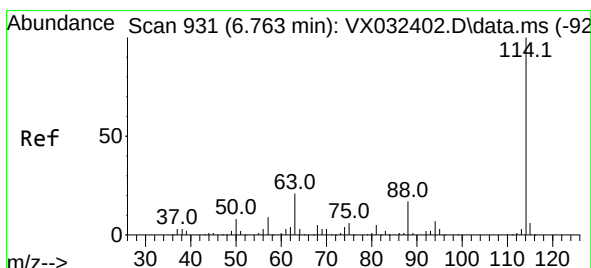
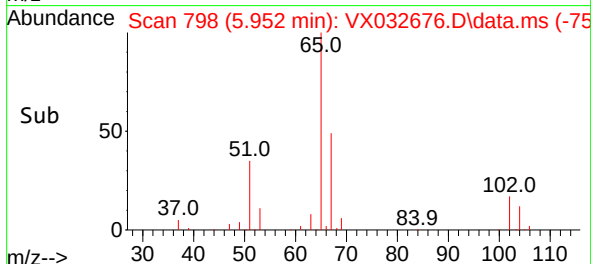
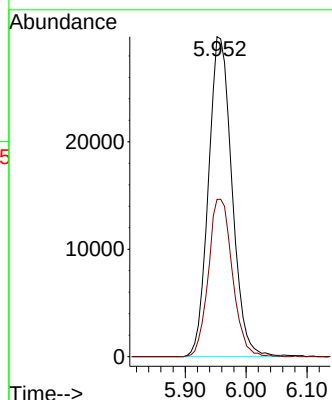
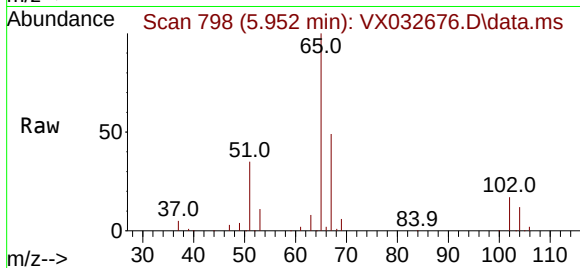
FMI121

Tgt Ion: 65 Resp: 79853

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

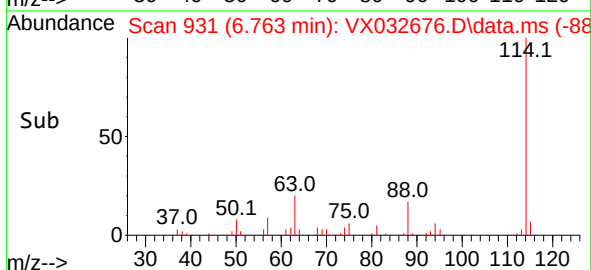
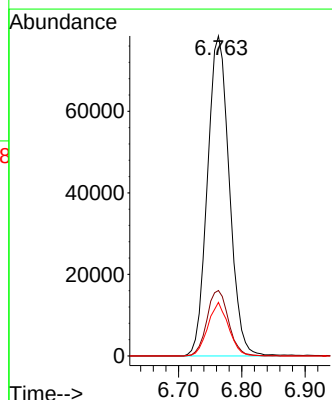
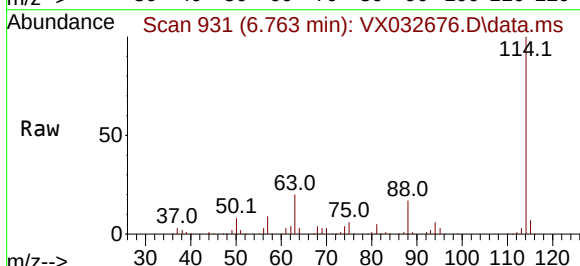
Tgt Ion: 114 Resp: 188354

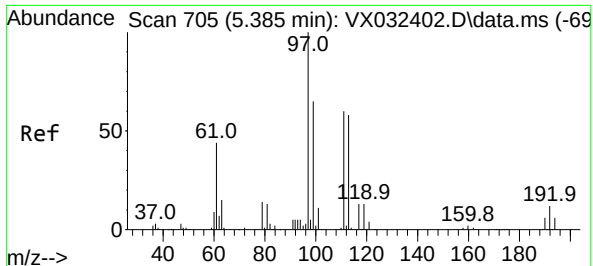
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 16.8 0.0 33.4

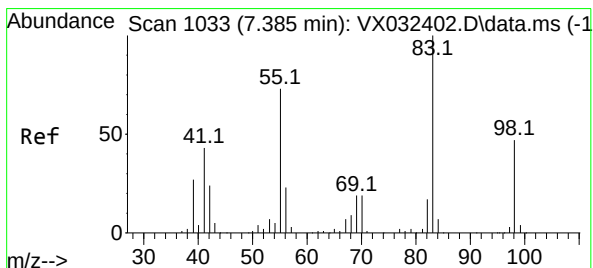
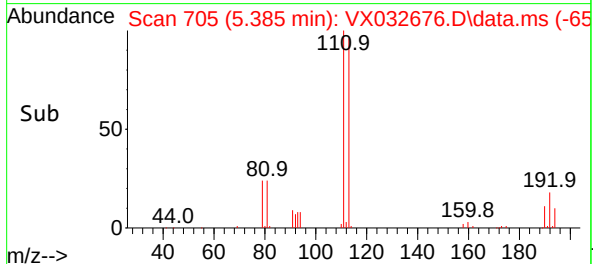
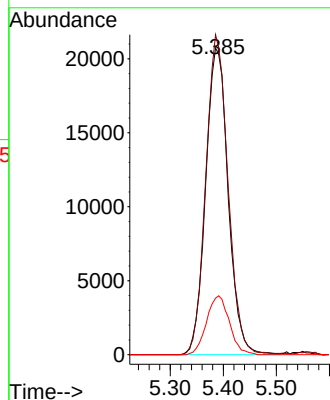
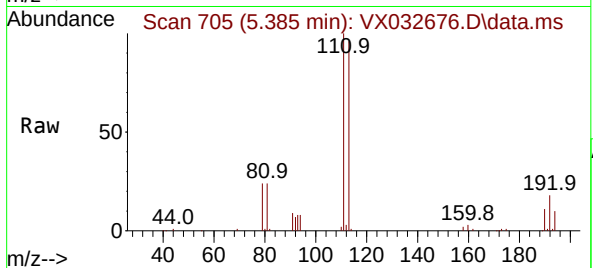




#35
Dibromofluoromethane
Concen: 45.588 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

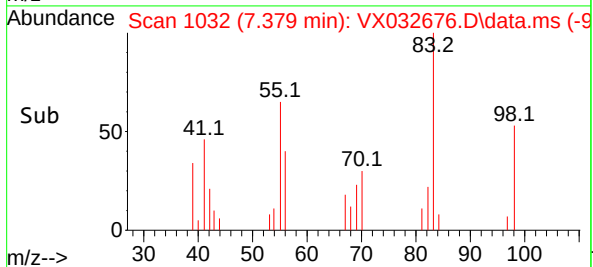
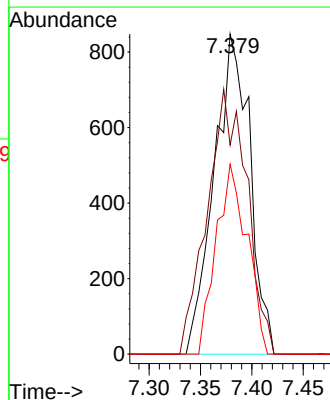
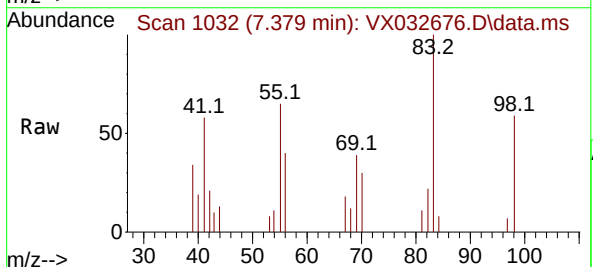
Instrument :
MSVOA_X
ClientSampleId :
FMI121

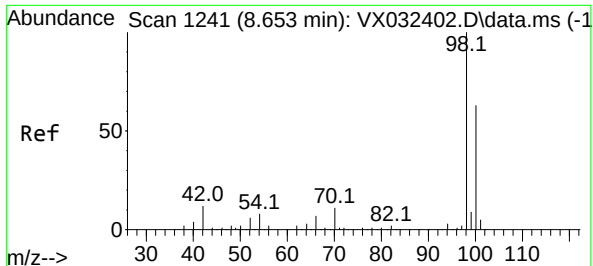
Tgt Ion:113 Resp: 61250
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.4 15.4 23.2



#39
Methylcyclohexane
Concen: 0.926 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

Tgt Ion: 83 Resp: 2050
Ion Ratio Lower Upper
83 100
55 65.3 58.4 87.6
98 59.3 37.2 55.8#





#50

Toluene-d8

Concen: 48.979 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

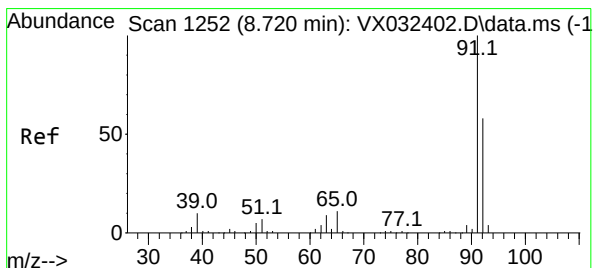
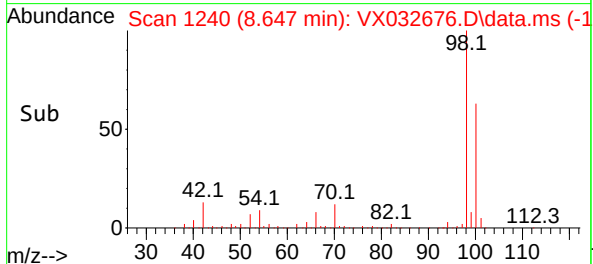
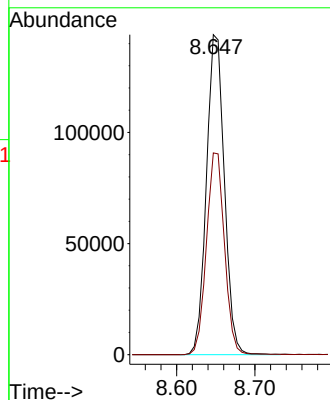
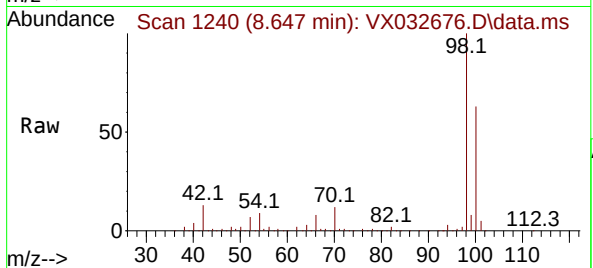
FMI121

Tgt Ion: 98 Resp: 228822

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#52

Toluene

Concen: 1.195 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX032676.D

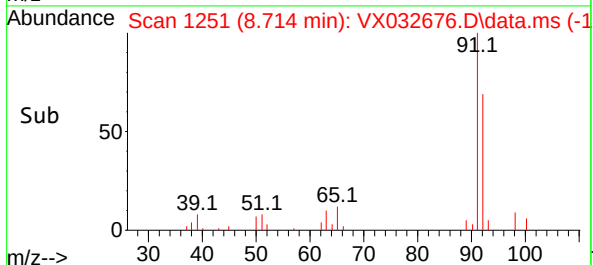
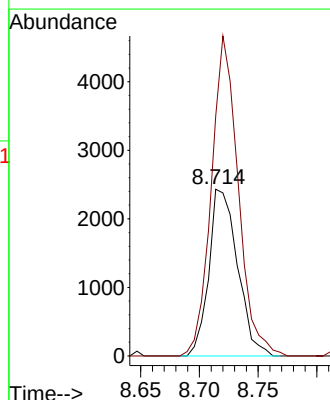
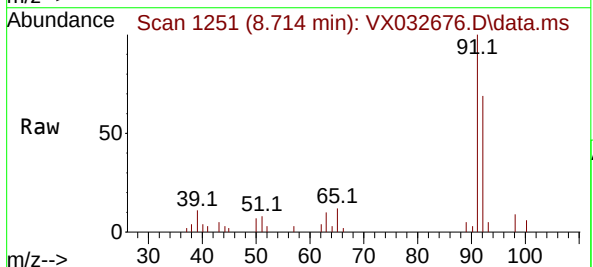
Acq: 09 Nov 2022 13:58

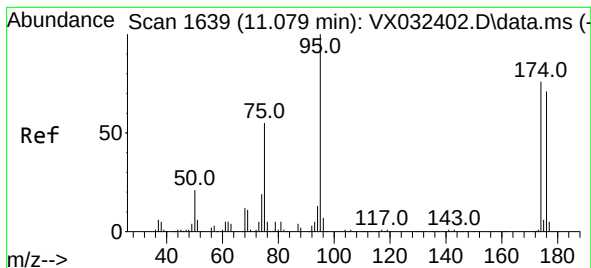
Tgt Ion: 92 Resp: 4128

Ion Ratio Lower Upper

92 100

91 180.2 138.3 207.5

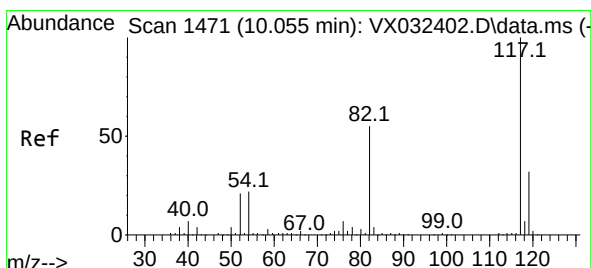
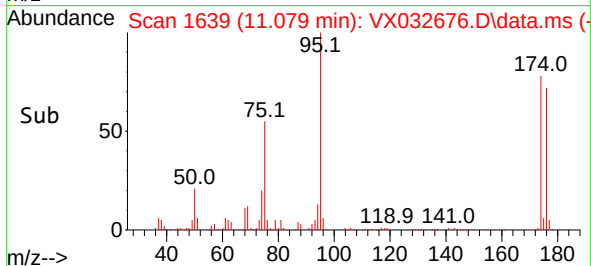
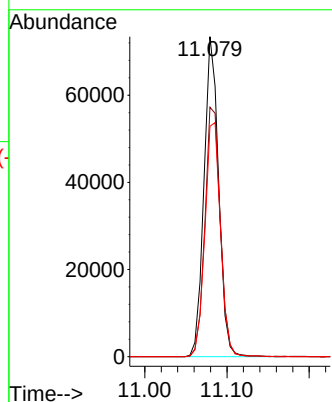
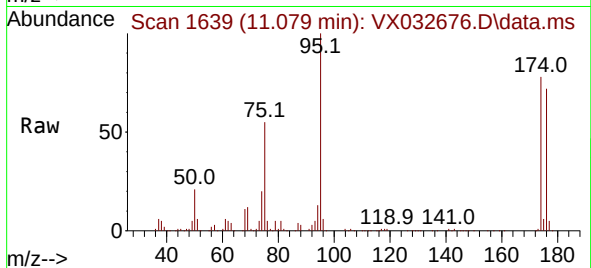




#62
4-Bromofluorobenzene
Concen: 49.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

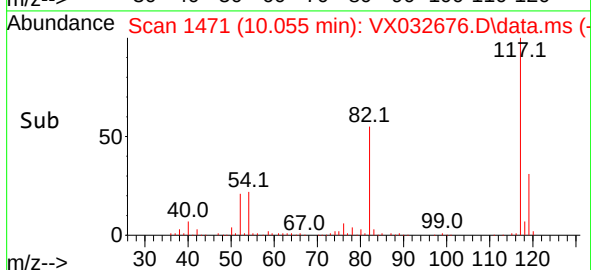
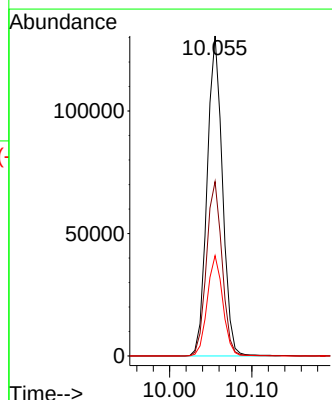
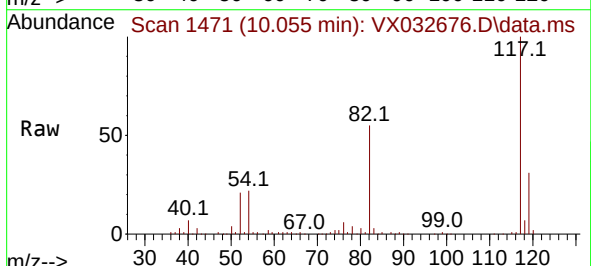
Instrument :
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ClientSampleId :
FMI121

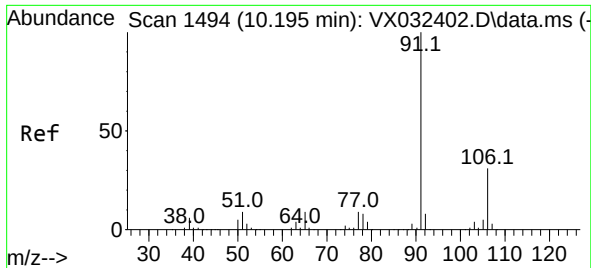
Tgt Ion: 95 Resp: 90731
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 78.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

Tgt Ion: 117 Resp: 169194
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.4 25.7 38.5

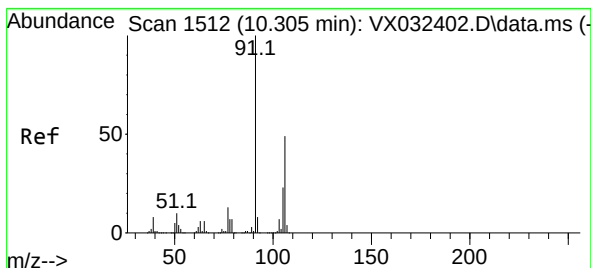
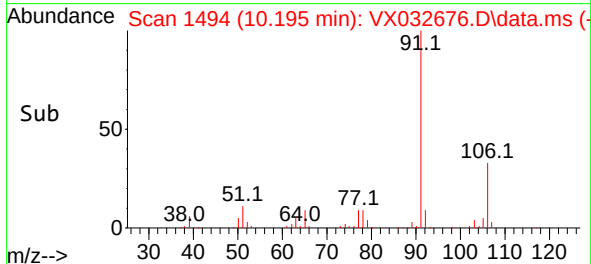
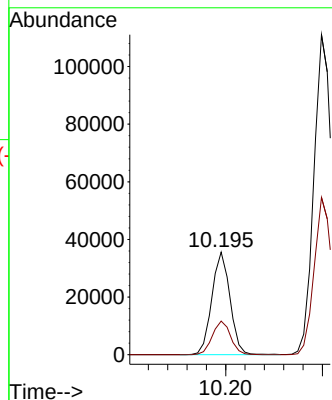
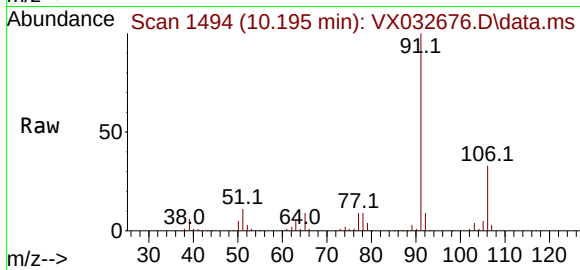




#67
Ethyl Benzene
Concen: 6.834 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

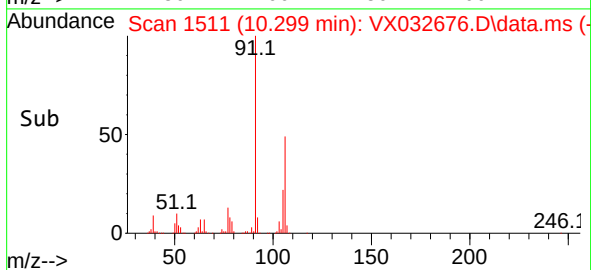
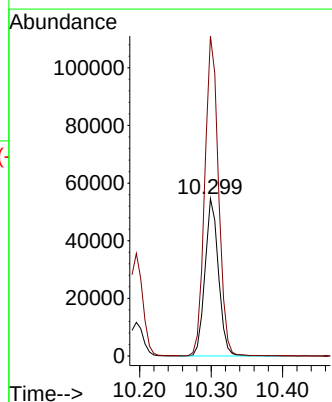
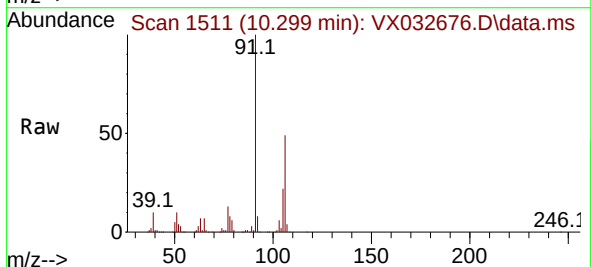
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ClientSampleId :
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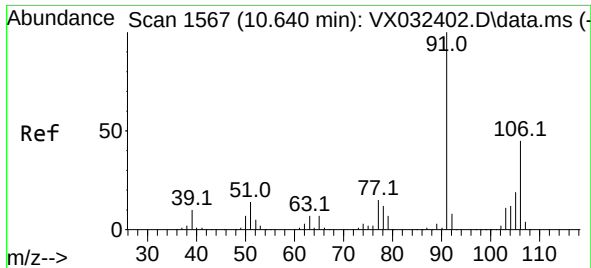
Tgt Ion: 91 Resp: 46316
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6



#68
m/p-Xylenes
Concen: 27.139 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

Tgt Ion: 106 Resp: 71423
Ion Ratio Lower Upper
106 100
91 207.0 164.5 246.7

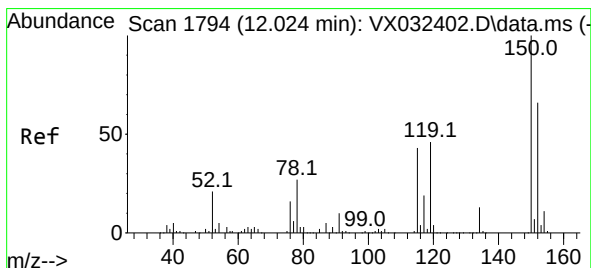
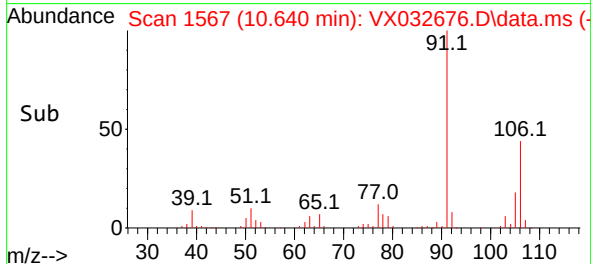
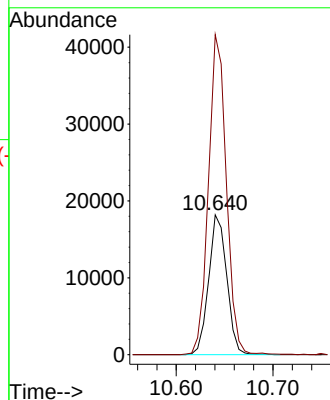
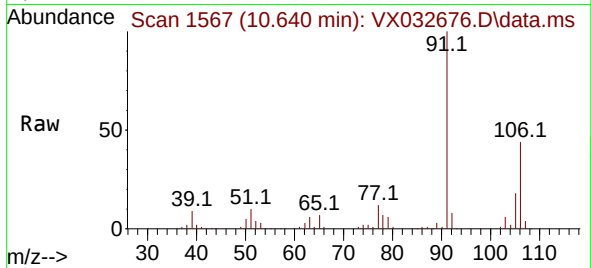




#69
o-Xylene
Concen: 9.254 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

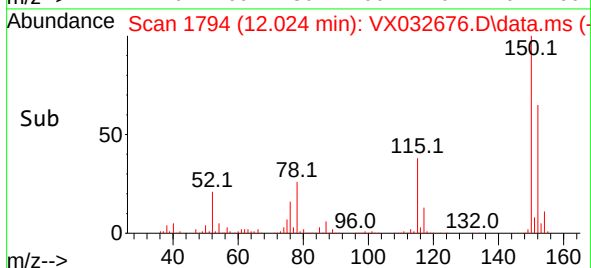
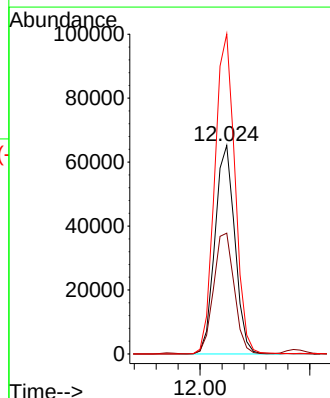
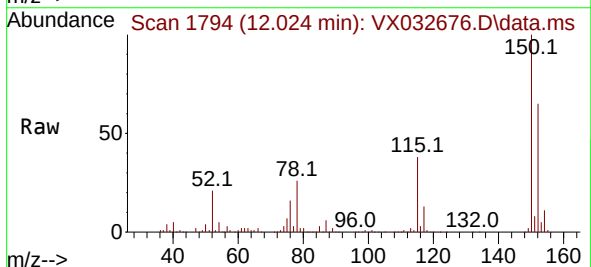
Instrument :
MSVOA_X
ClientSampleId :
FMI121

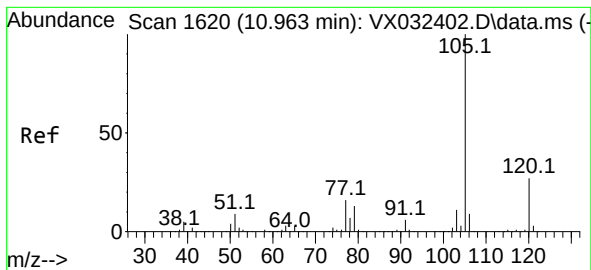
Tgt Ion:106 Resp: 23678
Ion Ratio Lower Upper
106 100
91 226.7 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032676.D
Acq: 09 Nov 2022 13:58

Tgt Ion:152 Resp: 82214
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 156.2 0.0 351.8





#73

Isopropylbenzene

Concen: 1.474 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

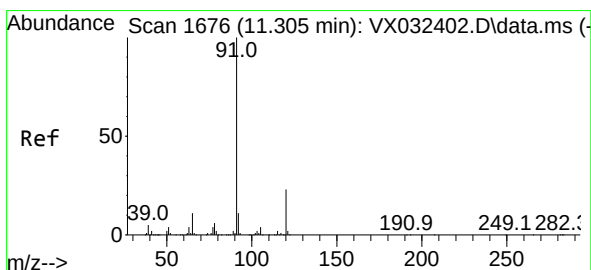
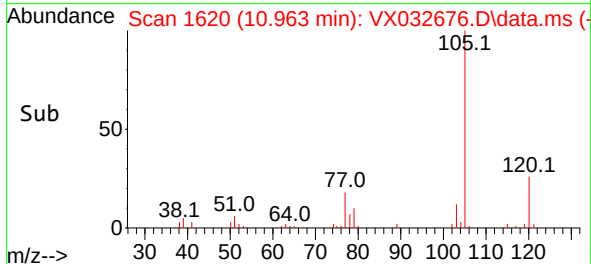
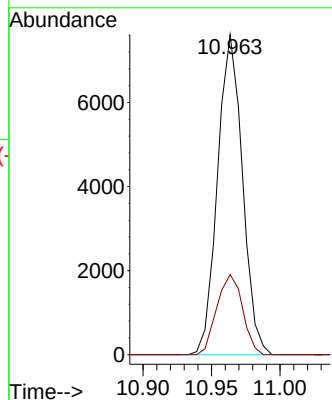
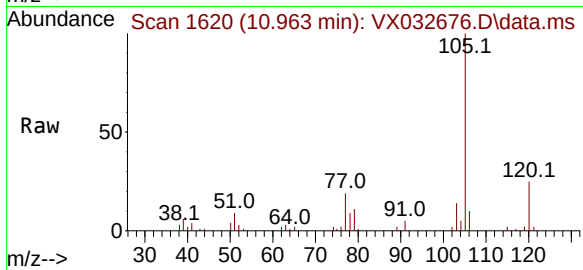
FMI121

Tgt Ion:105 Resp: 9605

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.3



#78

n-propylbenzene

Concen: 3.337 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032676.D

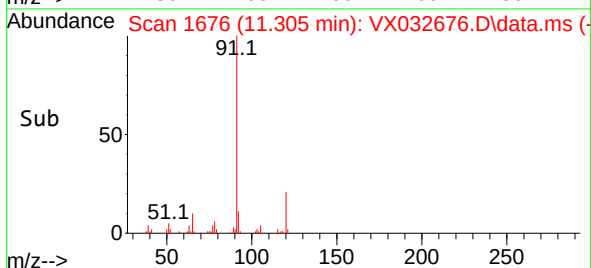
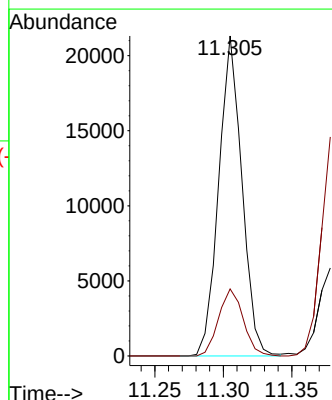
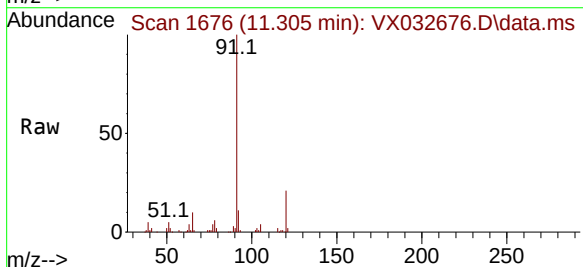
Acq: 09 Nov 2022 13:58

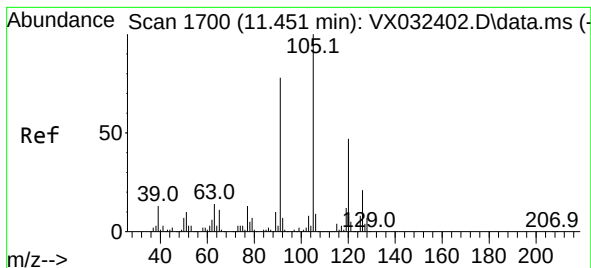
Tgt Ion: 91 Resp: 25049

Ion Ratio Lower Upper

91 100

120 22.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 6.150 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

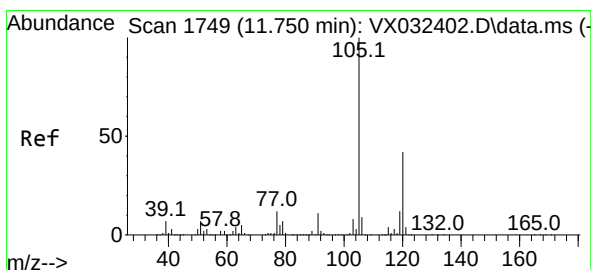
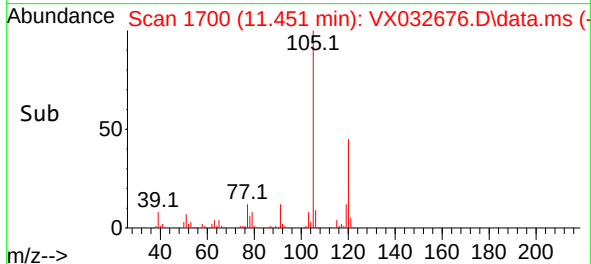
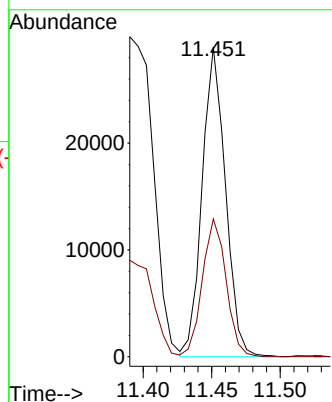
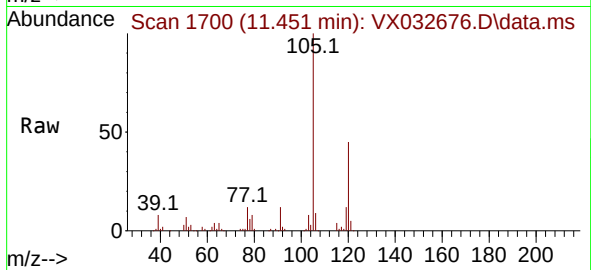
FMI121

Tgt Ion:105 Resp: 34243

Ion Ratio Lower Upper

105 100

120 45.4 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 22.932 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX032676.D

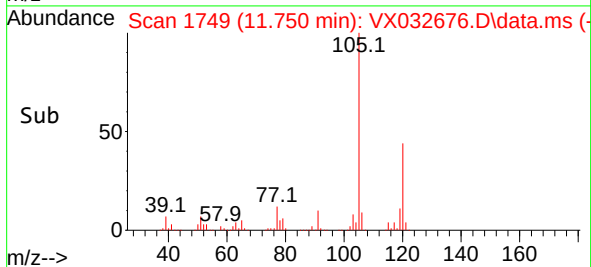
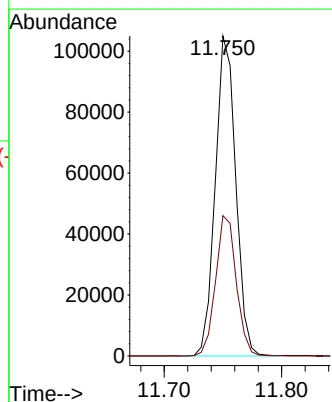
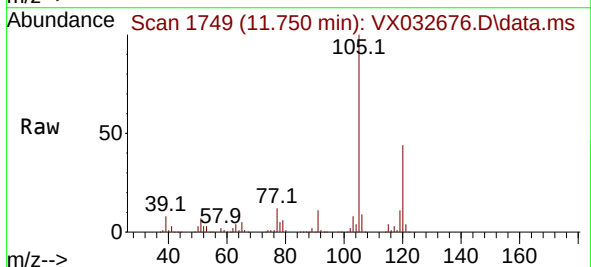
Acq: 09 Nov 2022 13:58

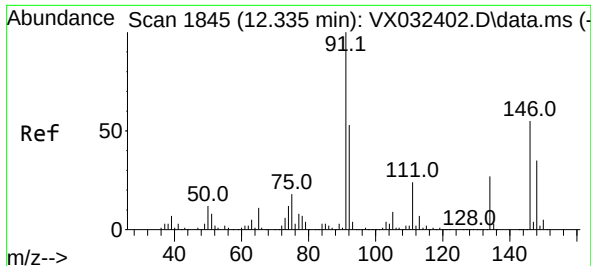
Tgt Ion:105 Resp: 126993

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.5





#89

n-Butylbenzene

Concen: 1.652 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

FMI121

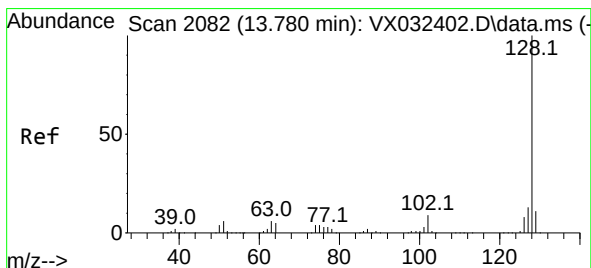
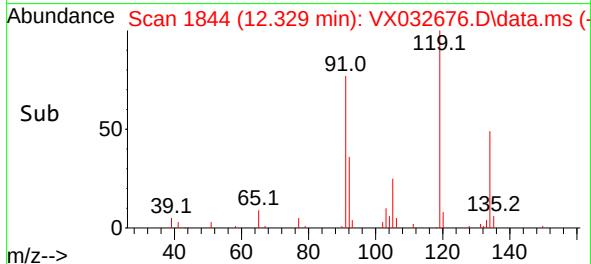
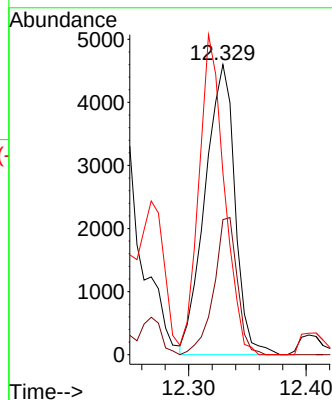
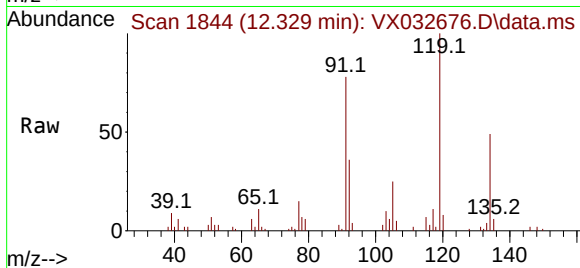
Tgt Ion: 91 Resp: 8155

Ion Ratio Lower Upper

91 100

92 37.1 26.2 78.6

134 93.1 12.9 38.6#



#95

Naphthalene

Concen: 6.400 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032676.D

Acq: 09 Nov 2022 13:58

Tgt Ion: 128 Resp: 41306

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 8.9 13.3

