

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033920.D
 Acq On : 26 Jan 2023 19:24
 Operator : JC/MD
 Sample : 01321-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33903

Quant Time: Jan 27 03:00:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

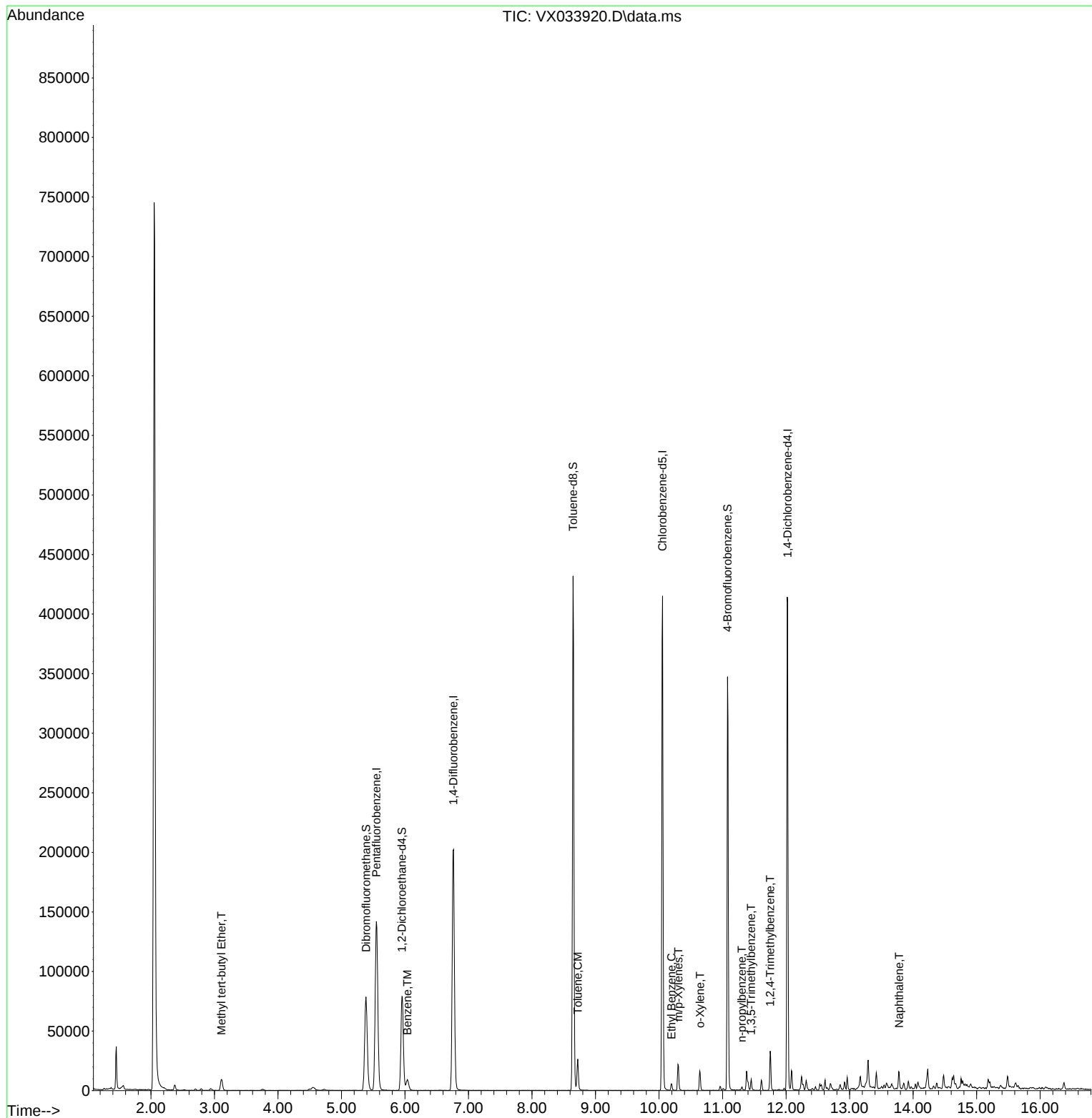
Internal Standards						
1) Pentafluorobenzene	5.550	168	157833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75193	45.247	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.500%
35) Dibromofluoromethane	5.385	113	68928	48.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	8.647	98	258753	50.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	90365	47.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.920%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	10374	2.326	ug/l	100
40) Benzene	6.037	78	11282	1.884	ug/l	97
52) Toluene	8.720	92	10251	2.651	ug/l	98
67) Ethyl Benzene	10.195	91	3868	0.537	ug/l #	88
68) m/p-Xylenes	10.305	106	5839	2.072	ug/l	97
69) o-Xylene	10.646	106	4263	1.525	ug/l	93
78) n-propylbenzene	11.305	91	2025	0.252	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4121	0.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	15189	2.706	ug/l	98
95) Naphthalene	13.780	128	10690	1.716	ug/l	99

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

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33903

Quant Time: Jan 27 03:00:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

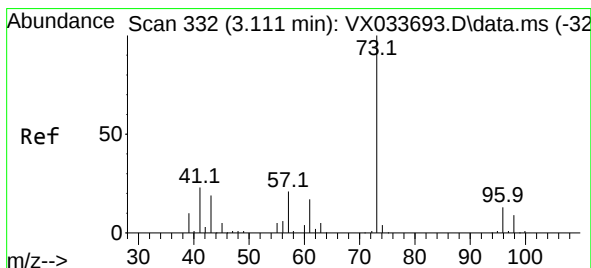
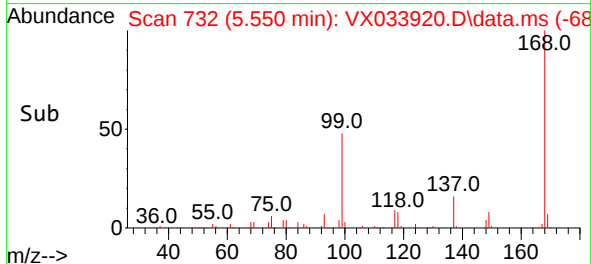
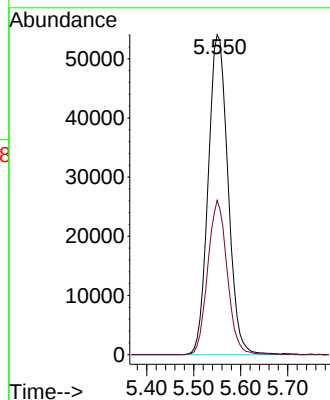
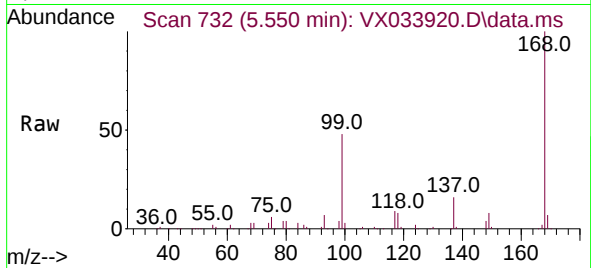




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

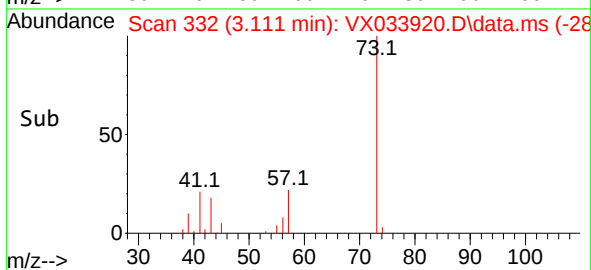
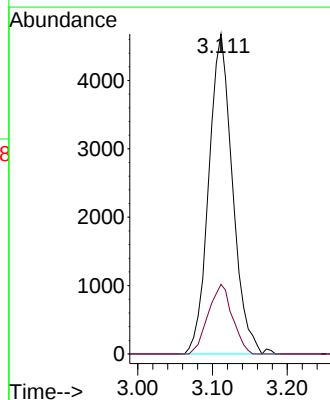
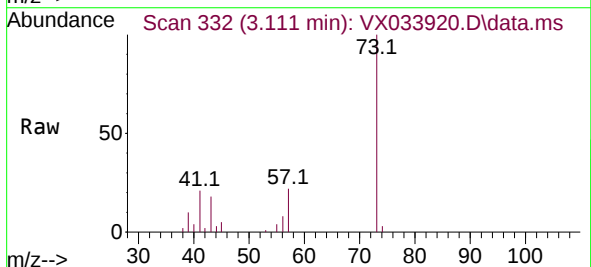
Instrument :
MSVOA_X
ClientSampleId :
33903

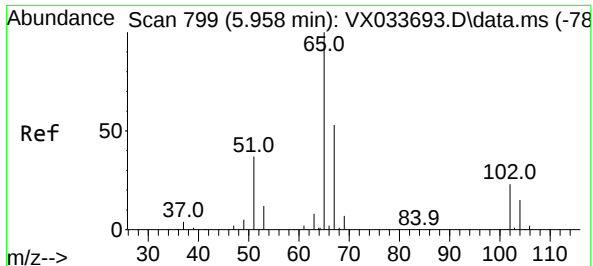
Tgt Ion:168 Resp: 157833
Ion Ratio Lower Upper
168 100
99 48.3 39.6 59.4



#19
Methyl tert-butyl Ether
Concen: 2.326 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Tgt Ion: 73 Resp: 10374
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 45.247 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033920.D

Acq: 26 Jan 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

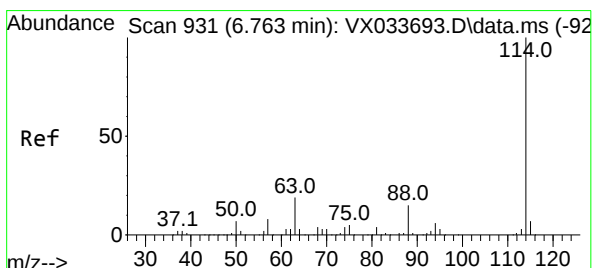
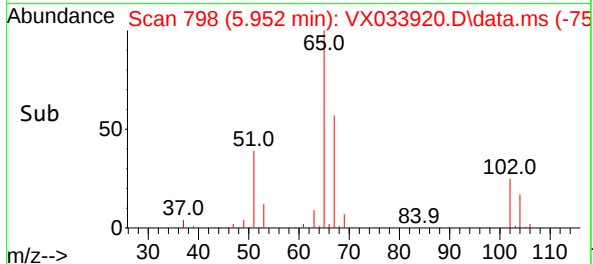
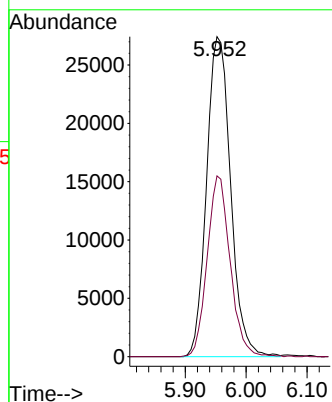
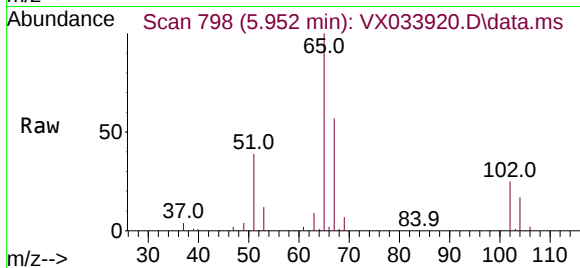
33903

Tgt Ion: 65 Resp: 75193

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033920.D

Acq: 26 Jan 2023 19:24

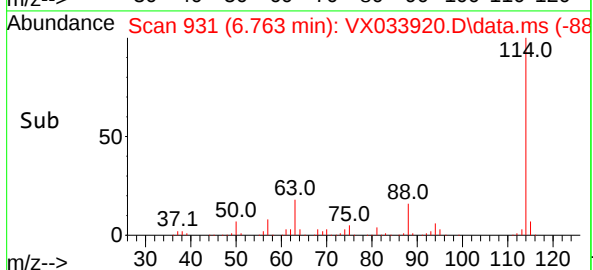
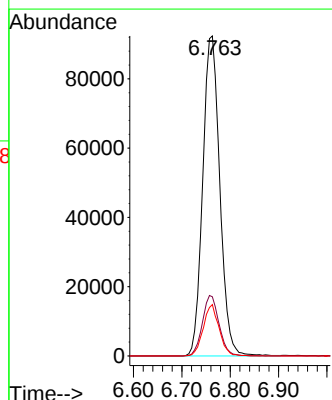
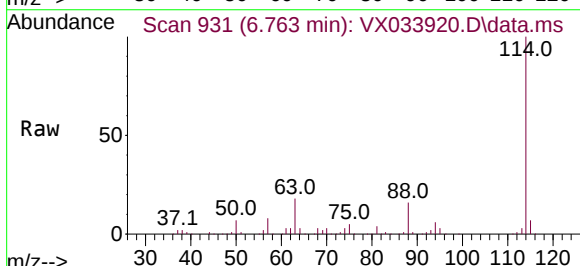
Tgt Ion: 114 Resp: 226690

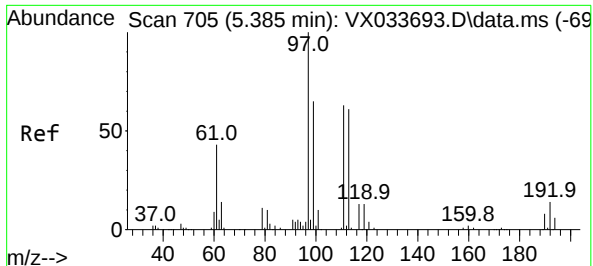
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.968 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033920.D

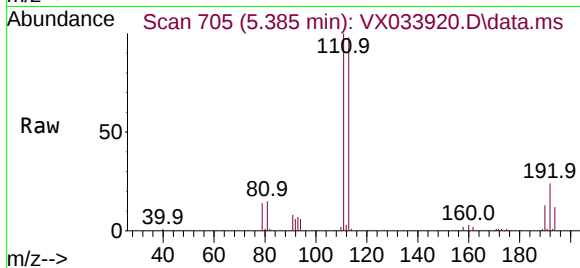
Acq: 26 Jan 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

33903



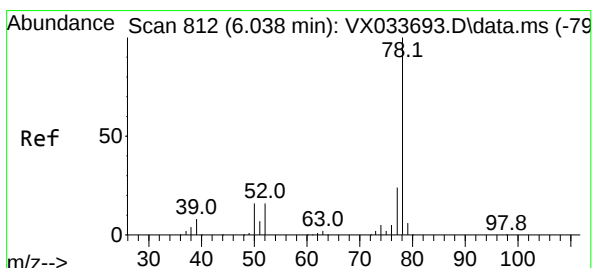
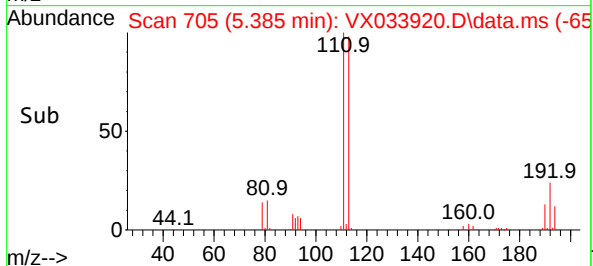
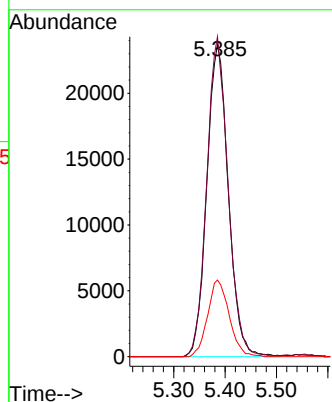
Tgt Ion:113 Resp: 68928

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

192 24.6 19.0 28.4



#40

Benzene

Concen: 1.884 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033920.D

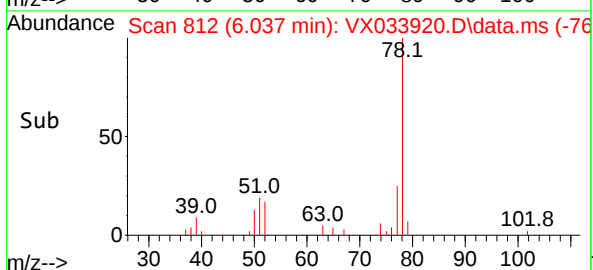
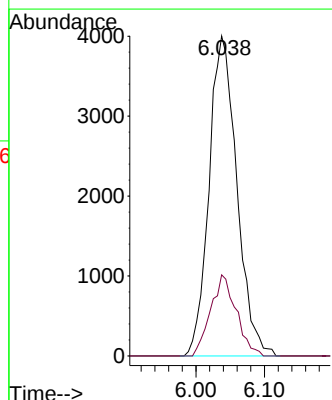
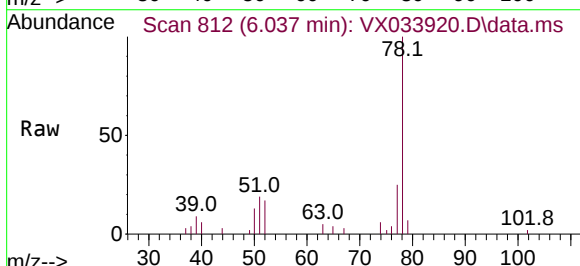
Acq: 26 Jan 2023 19:24

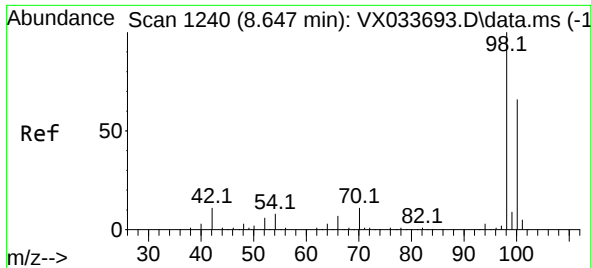
Tgt Ion: 78 Resp: 11282

Ion Ratio Lower Upper

78 100

77 25.4 19.0 28.4

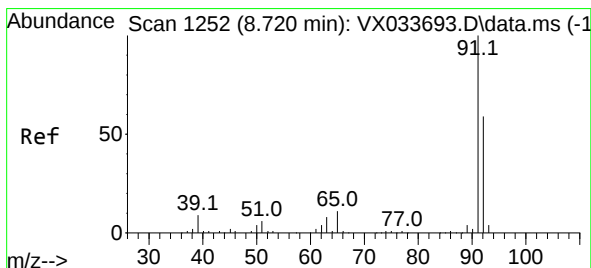
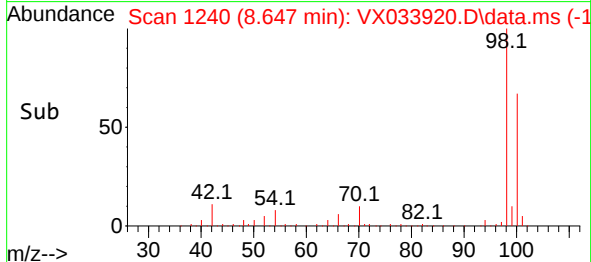
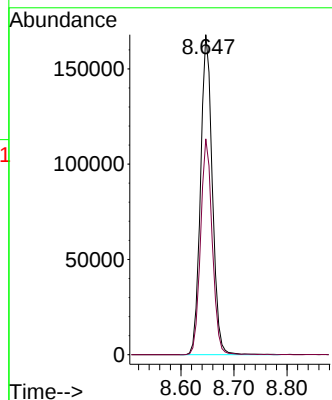
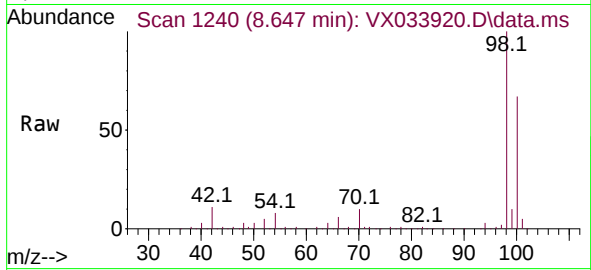




#50
Toluene-d8
Concen: 50.452 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

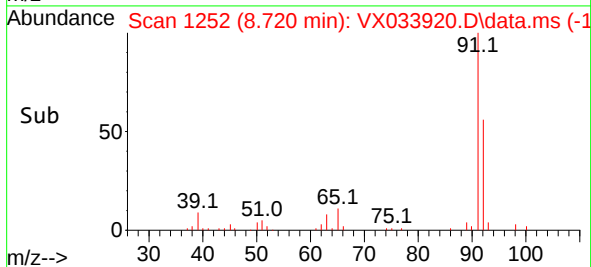
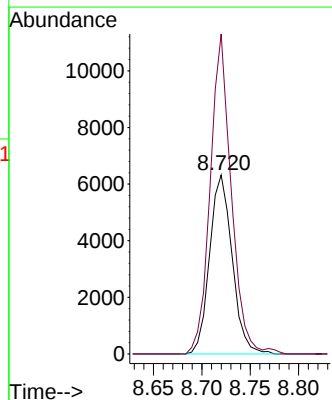
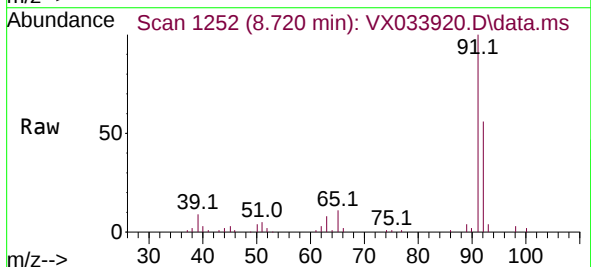
Instrument :
MSVOA_X
ClientSampleId :
33903

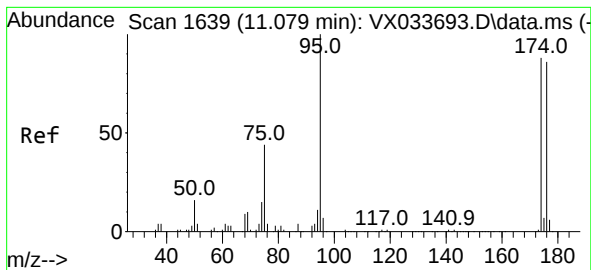
Tgt Ion: 98 Resp: 258753
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#52
Toluene
Concen: 2.651 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Tgt Ion: 92 Resp: 10251
Ion Ratio Lower Upper
92 100
91 167.1 135.5 203.3

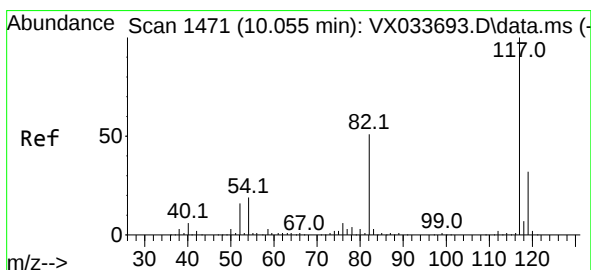
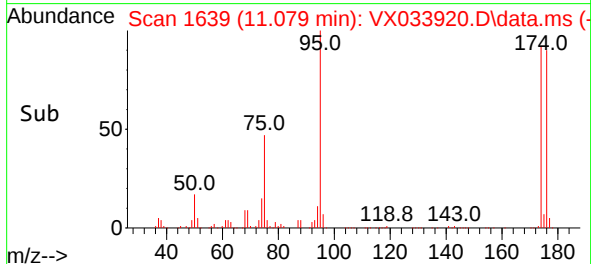
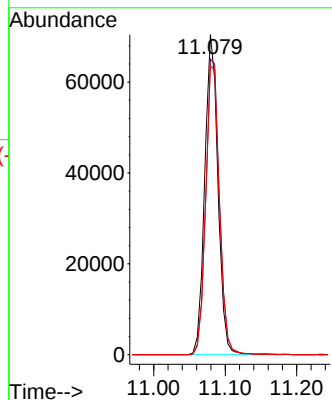
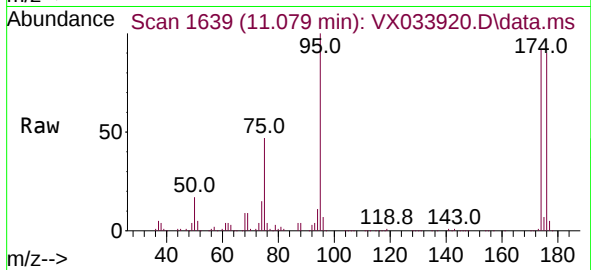




#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

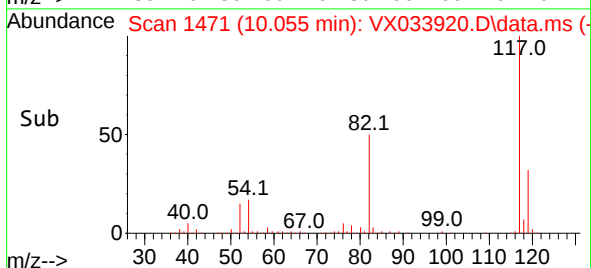
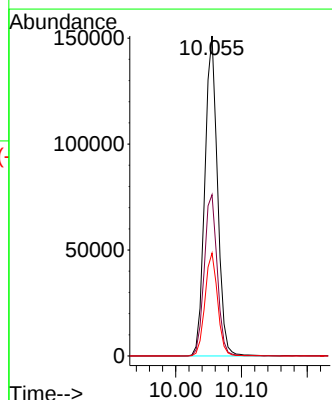
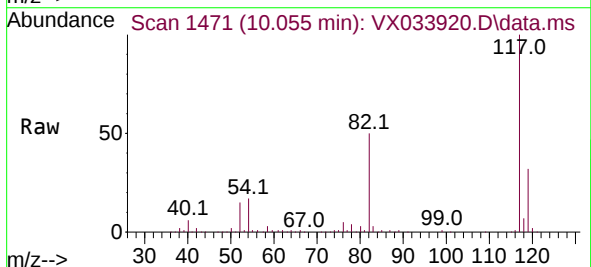
Instrument :
MSVOA_X
ClientSampleId :
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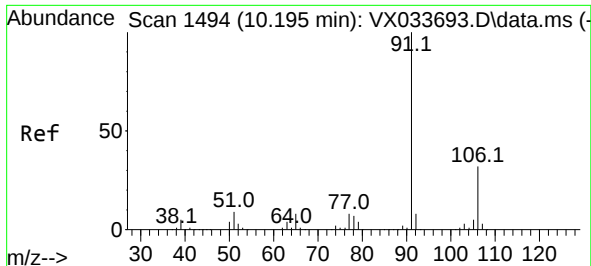
Tgt Ion: 95 Resp: 90365
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.4
176 93.7 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Tgt Ion: 117 Resp: 202711
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.2 25.6 38.4





#67

Ethyl Benzene

Concen: 0.537 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033920.D

Acq: 26 Jan 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

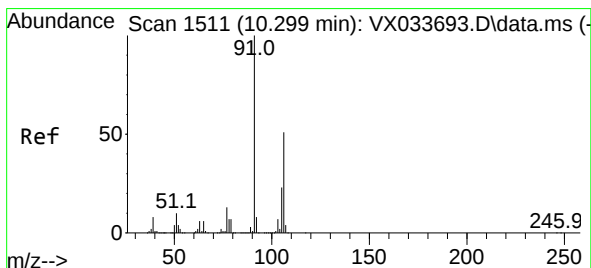
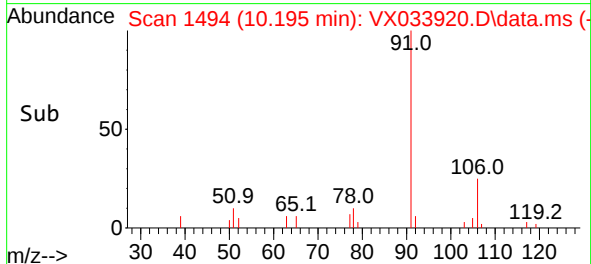
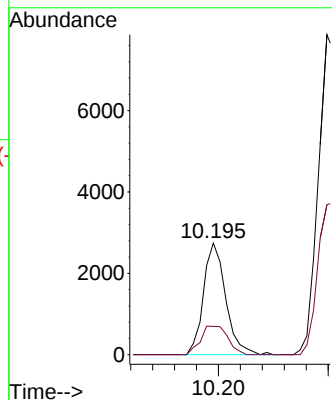
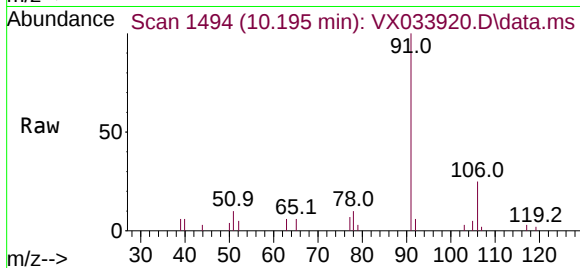
33903

Tgt Ion: 91 Resp: 3868

Ion Ratio Lower Upper

91 100

106 25.3 25.8 38.8#



#68

m/p-Xylenes

Concen: 2.072 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX033920.D

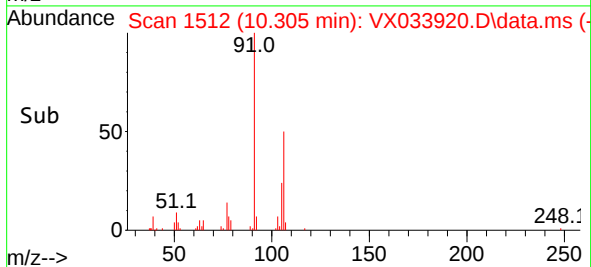
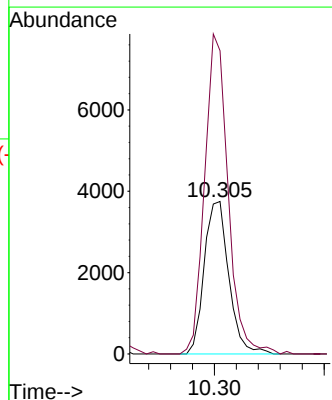
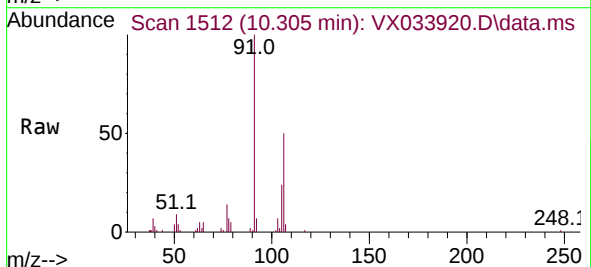
Acq: 26 Jan 2023 19:24

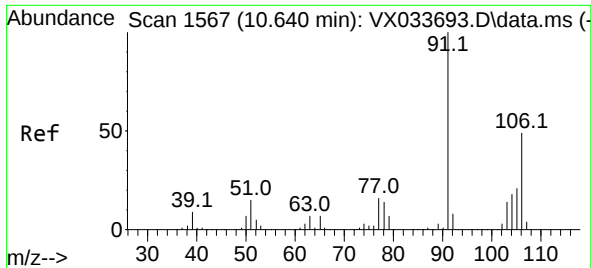
Tgt Ion: 106 Resp: 5839

Ion Ratio Lower Upper

106 100

91 200.3 156.4 234.6

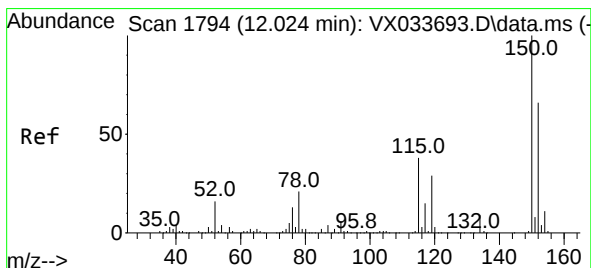
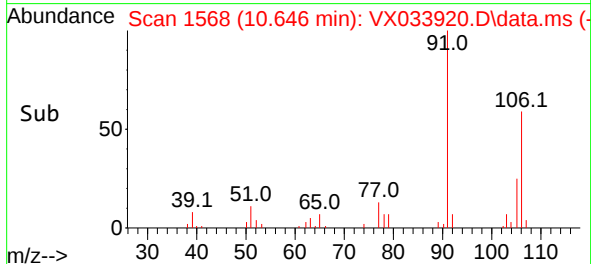
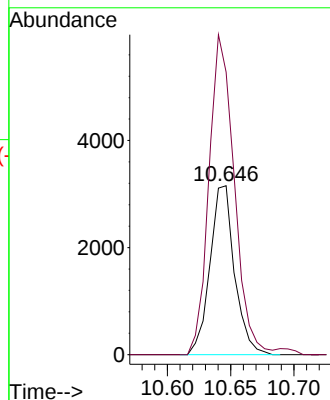
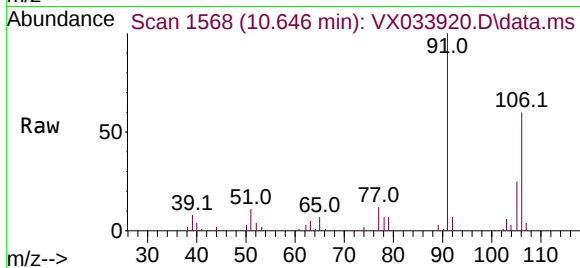




#69
o-Xylene
Concen: 1.525 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

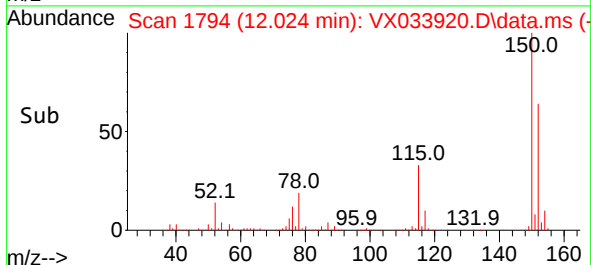
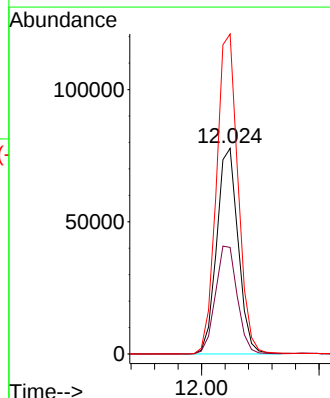
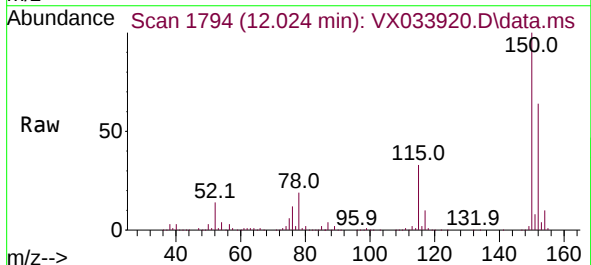
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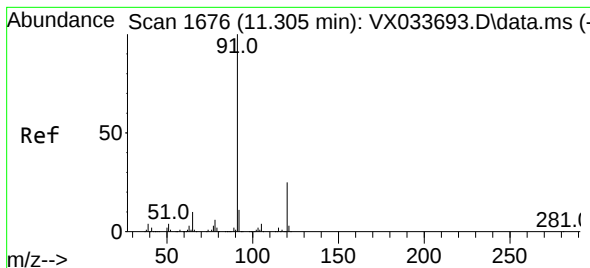
Tgt Ion:106 Resp: 4263
Ion Ratio Lower Upper
106 100
91 194.8 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Tgt Ion:152 Resp: 98618
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 156.9 0.0 348.2





#78

n-propylbenzene

Concen: 0.252 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033920.D

Acq: 26 Jan 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

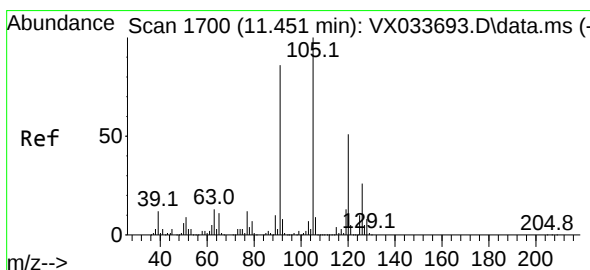
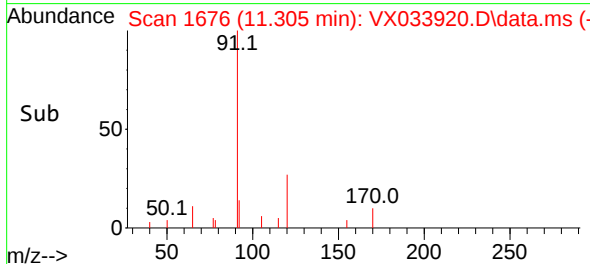
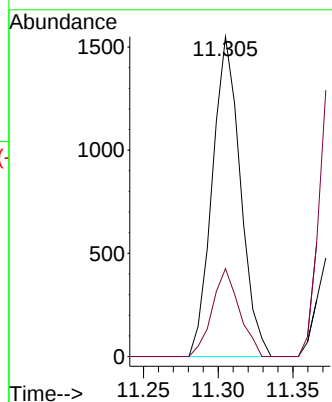
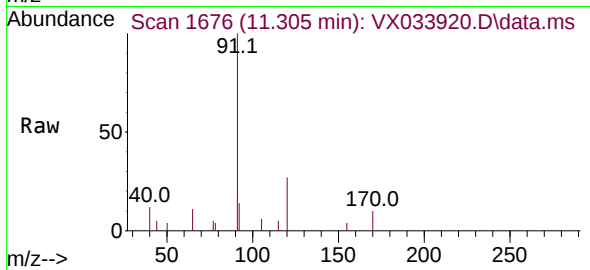
33903

Tgt Ion: 91 Resp: 2025

Ion Ratio Lower Upper

91 100

120 26.6 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 0.694 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033920.D

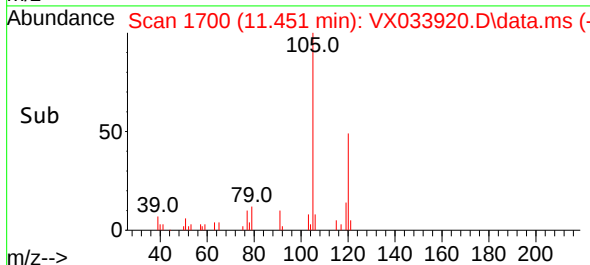
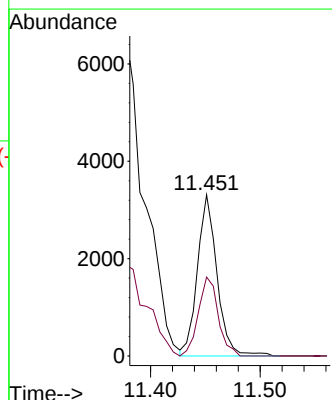
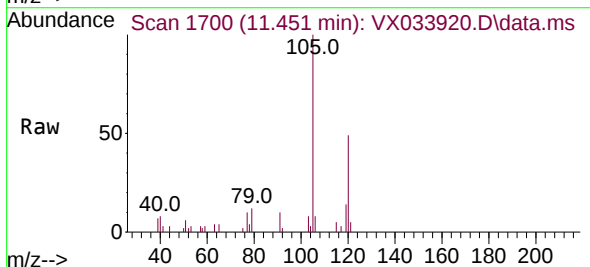
Acq: 26 Jan 2023 19:24

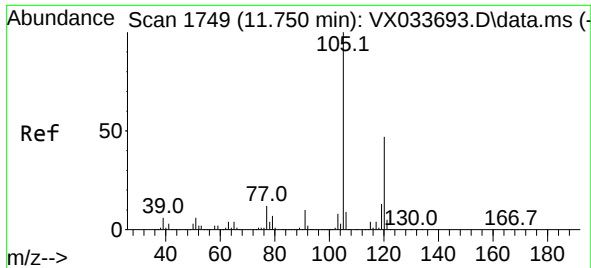
Tgt Ion: 105 Resp: 4121

Ion Ratio Lower Upper

105 100

120 49.6 25.6 76.8

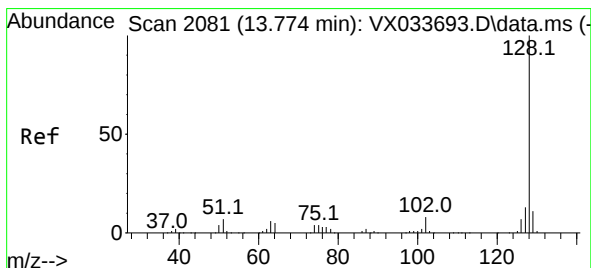
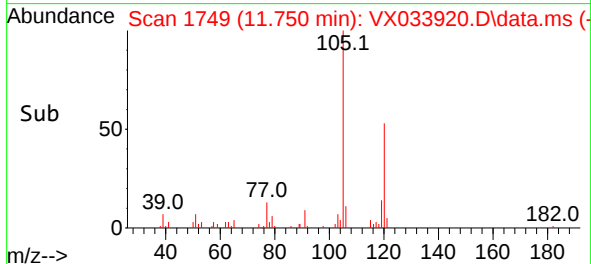
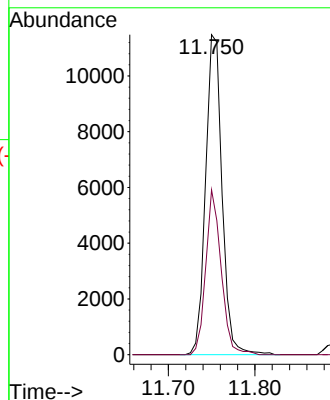
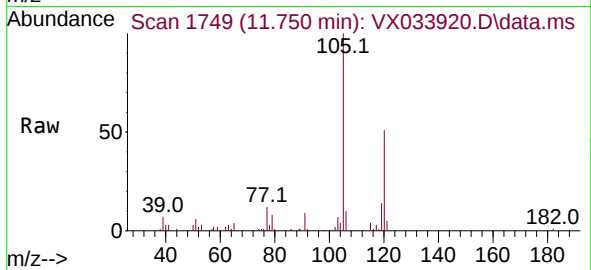




#84
1,2,4-Trimethylbenzene
Concen: 2.706 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :
33903

Tgt Ion:105 Resp: 15189
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.2



#95
Naphthalene
Concen: 1.716 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033920.D
Acq: 26 Jan 2023 19:24

Tgt Ion:128 Resp: 10690
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.7 13.1

