

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034756.D
 Acq On : 27 Mar 2023 17:45
 Operator : JC/MD
 Sample : 02065-02
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1161

Quant Time: Mar 28 03:22:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	274939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	463637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186253	46.565	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.140%
35) Dibromofluoromethane	5.391	113	129966	42.457	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.920%
50) Toluene-d8	8.647	98	552950	48.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.780%
62) 4-Bromofluorobenzene	11.085	95	199088	43.132	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.260%

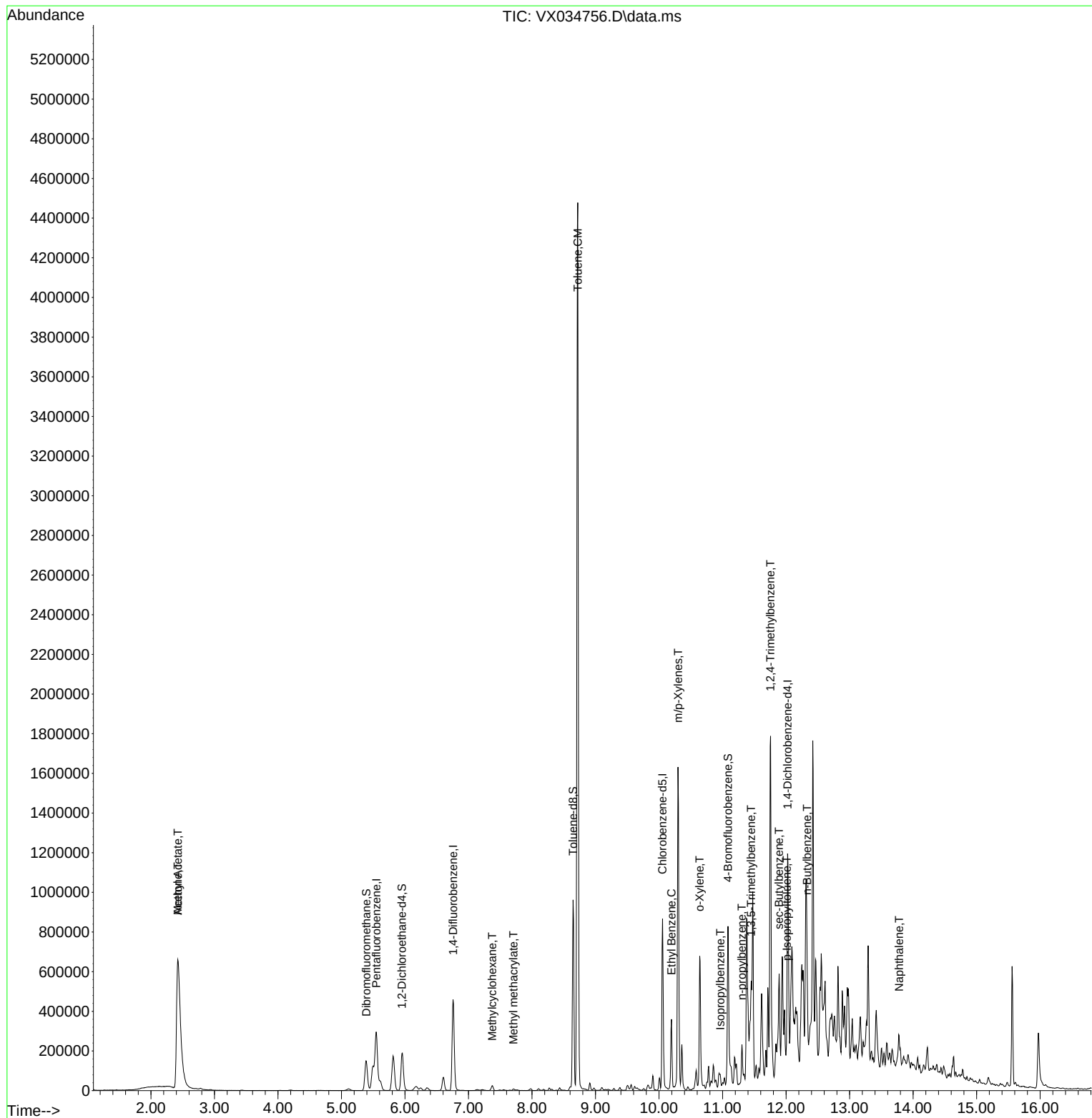
Target Compounds					Qvalue	
16) Acetone	2.422	43	1915856	1016.850	ug/l	96
18) Methyl Acetate	2.422	43	1526232	247.912	ug/l #	53
39) Methylcyclohexane	7.372	83	10421	1.852	ug/l	97
48) Methyl methacrylate	7.708	41	4842	1.157	ug/l	98
52) Toluene	8.720	92	1696876	199.271	ug/l	99
67) Ethyl Benzene	10.195	91	197775	12.555	ug/l	95
68) m/p-Xylenes	10.299	106	376995	62.299	ug/l	100
69) o-Xylene	10.640	106	153424	25.264	ug/l	100
73) Isopropylbenzene	10.963	105	30902	2.073	ug/l	96
78) n-propylbenzene	11.305	91	127737	7.421	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	171981	13.758	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	688427	53.885	ug/l	100
85) sec-Butylbenzene	11.890	105	36561	2.373	ug/l	79
86) p-Isopropyltoluene	12.012	119	21739	1.679	ug/l	99
89) n-Butylbenzene	12.329	91	93969	8.162	ug/l #	44
95) Naphthalene	13.780	128	101921	7.178	ug/l	98

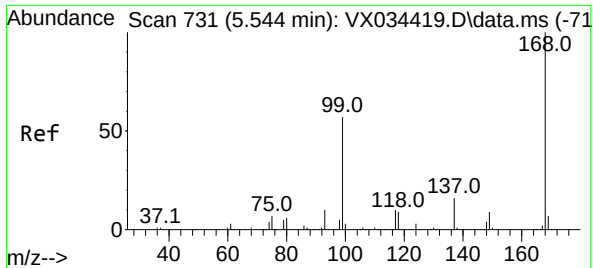
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
1161

Quant Time: Mar 28 03:22:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

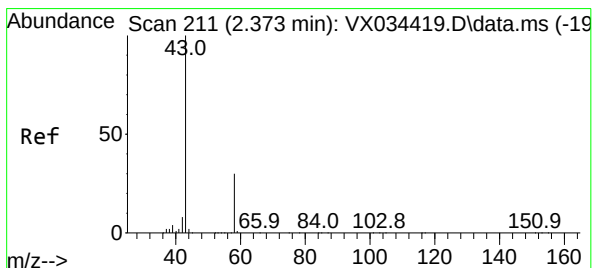
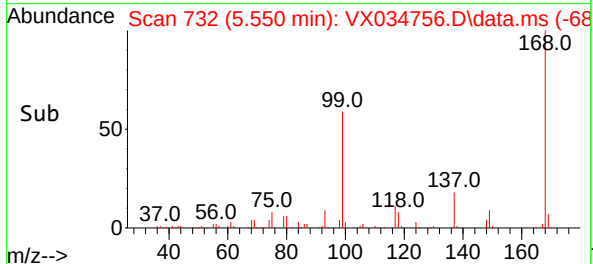
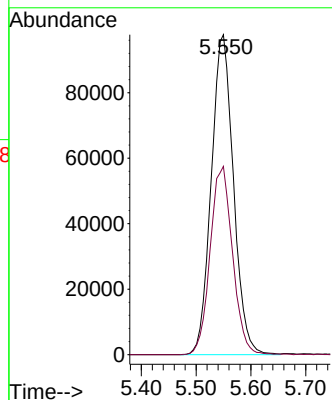
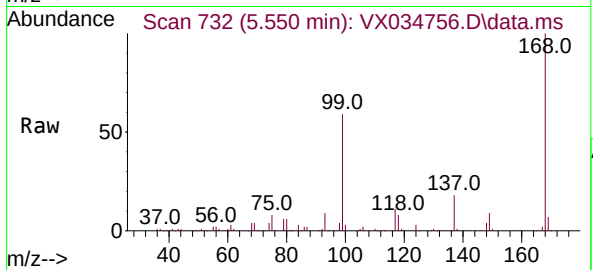




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

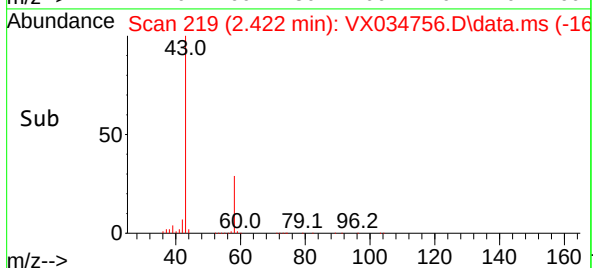
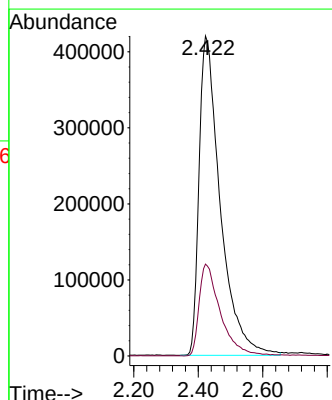
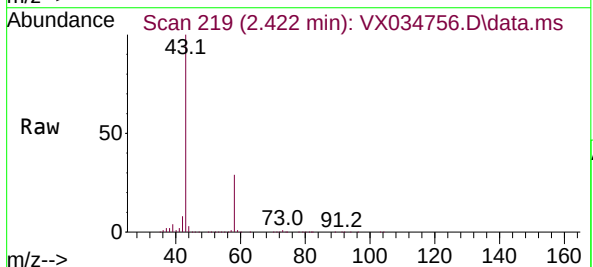
Instrument :
MSVOA_X
ClientSampleId :
1161

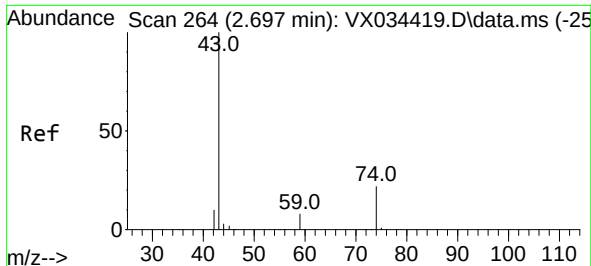
Tgt Ion:168 Resp: 274939
Ion Ratio Lower Upper
168 100
99 58.9 45.7 68.5



#16
Acetone
Concen: 1016.850 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.049 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 43 Resp: 1915856
Ion Ratio Lower Upper
43 100
58 28.7 24.7 37.1

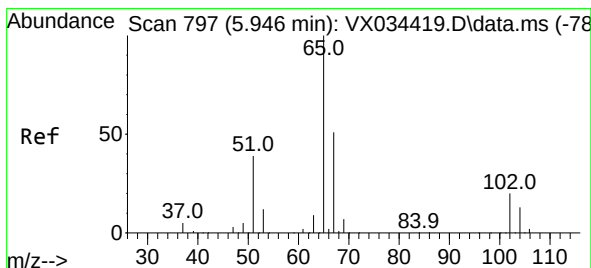
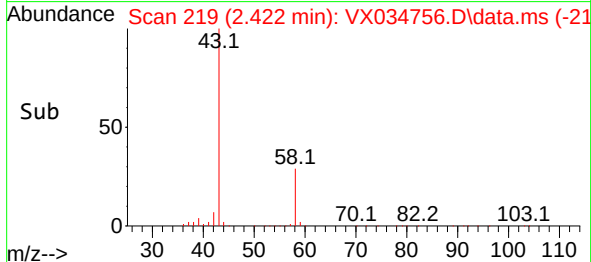
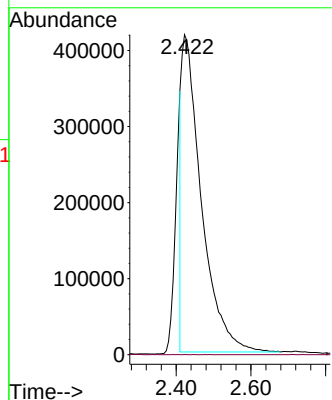
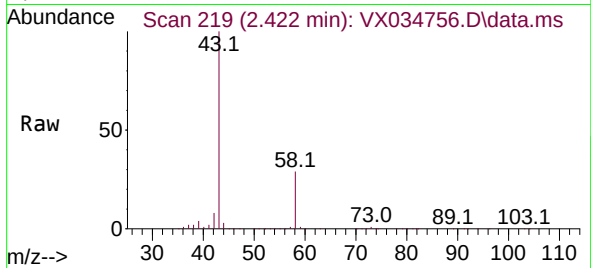




#18
Methyl Acetate
Concen: 247.912 ug/l
RT: 2.422 min Scan# 211
Delta R.T. -0.274 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

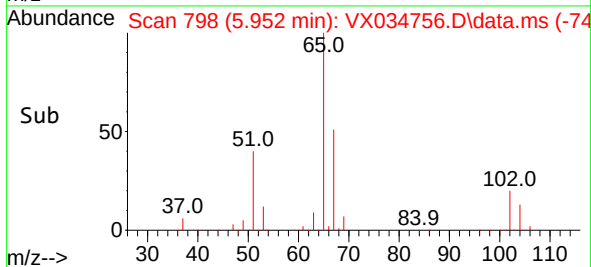
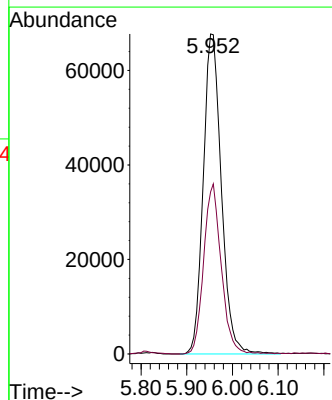
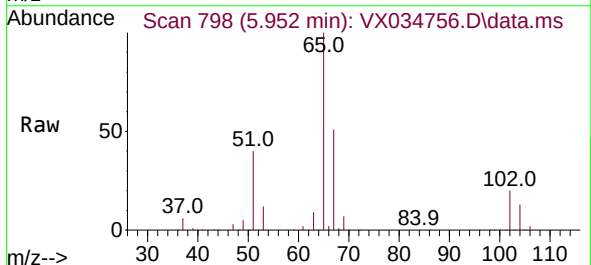
Instrument :
MSVOA_X
ClientSampleId :
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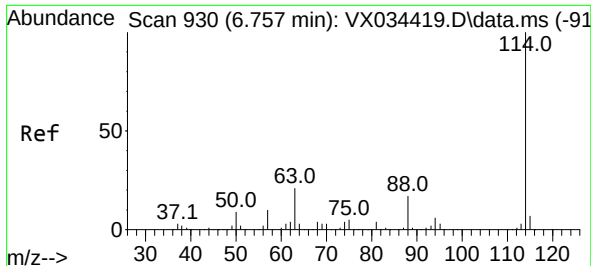
Tgt Ion: 43 Resp: 1526232
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#33
1,2-Dichloroethane-d4
Concen: 46.565 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 65 Resp: 186253
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

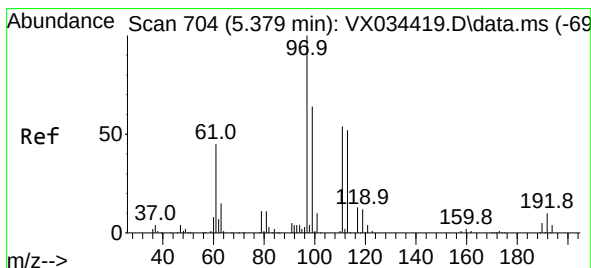
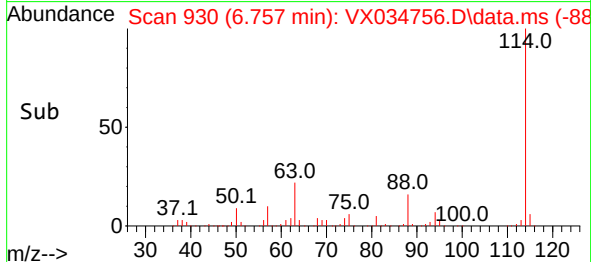
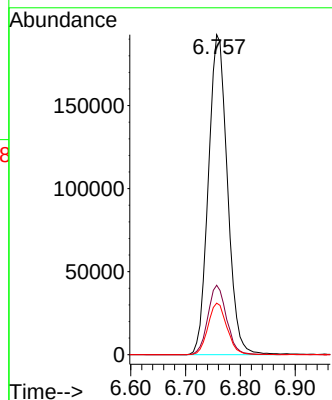
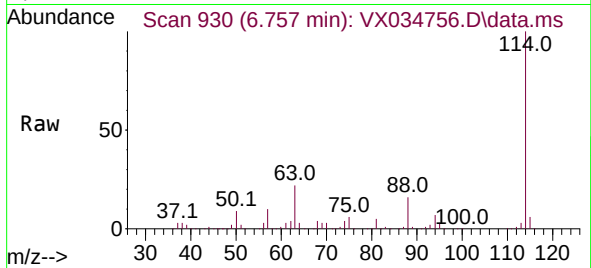




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

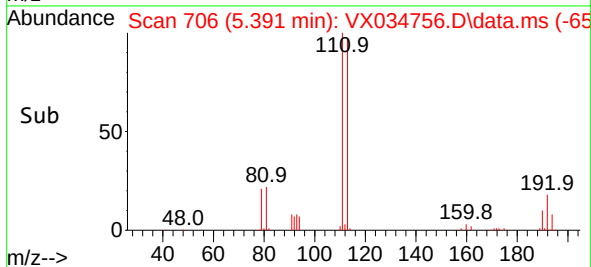
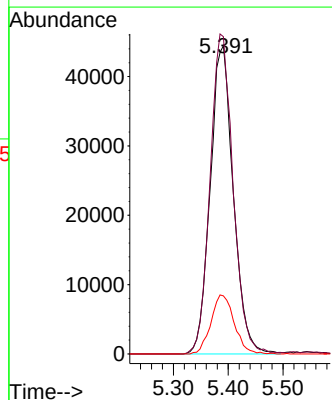
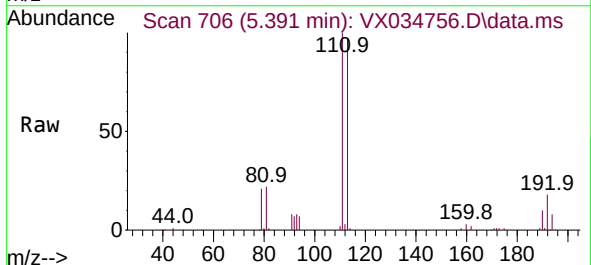
Instrument :
MSVOA_X
ClientSampleId :
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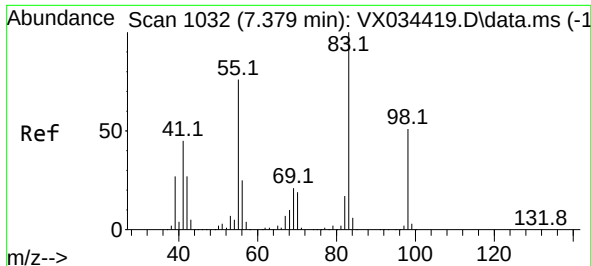
Tgt Ion:114 Resp: 463637
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.457 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion:113 Resp: 129966
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.3 15.4 23.2

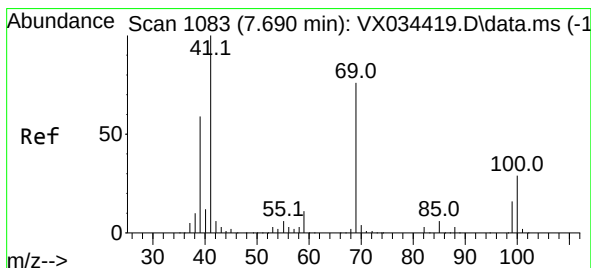
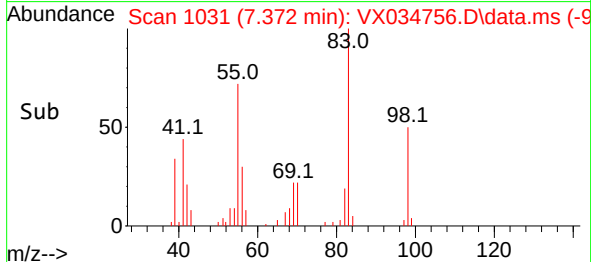
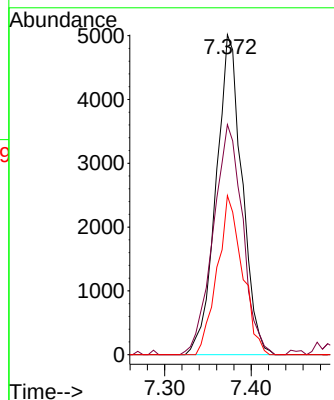
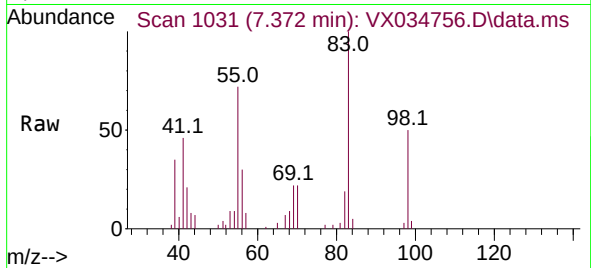




#39
Methylcyclohexane
Concen: 1.852 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

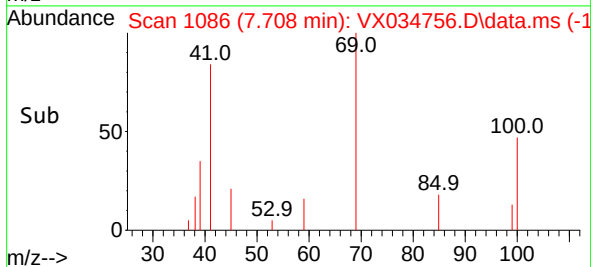
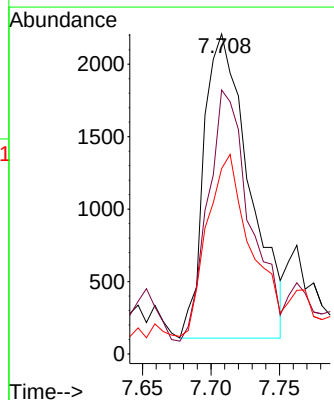
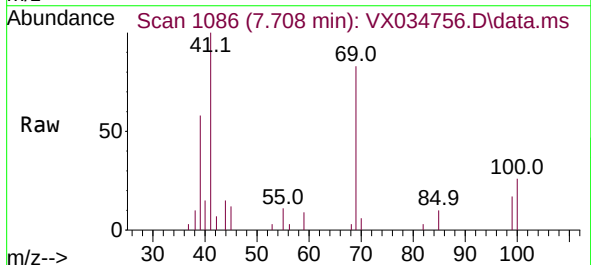
Instrument :
MSVOA_X
ClientSampleId :
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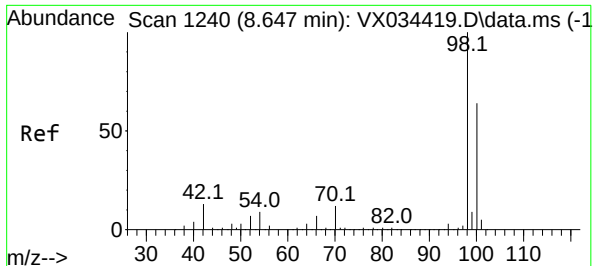
Tgt Ion: 83 Resp: 10421
Ion Ratio Lower Upper
83 100
55 71.9 60.5 90.7
98 49.7 40.4 60.6



#48
Methyl methacrylate
Concen: 1.157 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 41 Resp: 4842
Ion Ratio Lower Upper
41 100
69 77.0 62.2 93.4
39 57.7 47.7 71.5

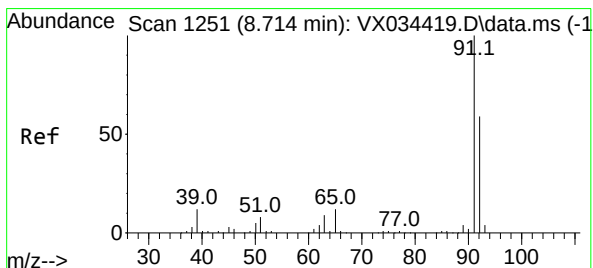
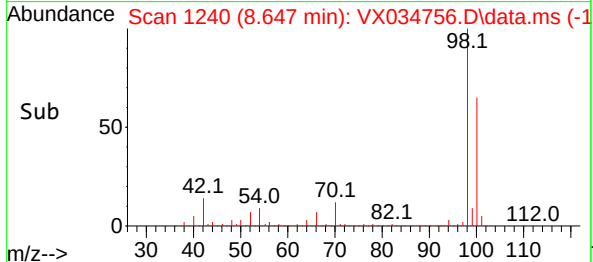
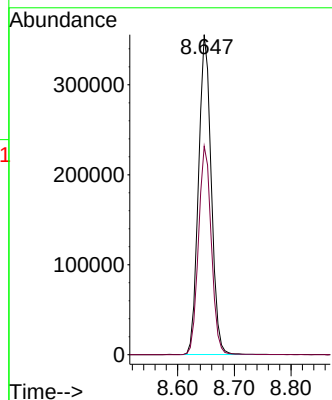
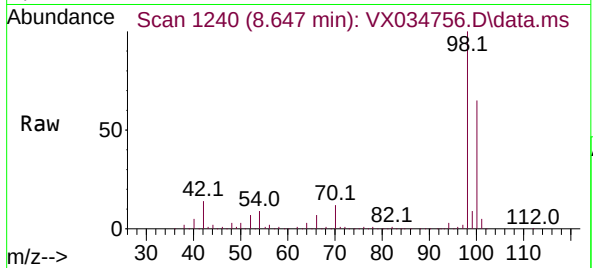




#50
Toluene-d8
Concen: 48.388 ug/l
RT: 8.647 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

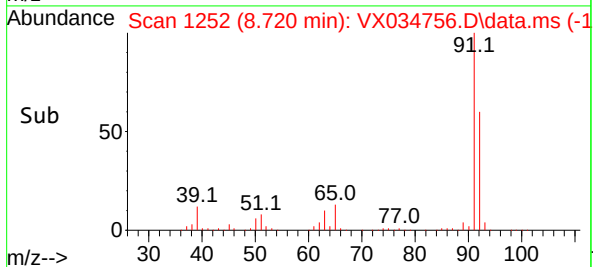
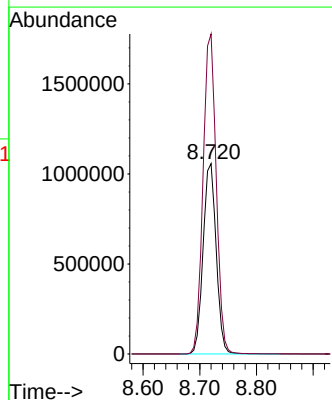
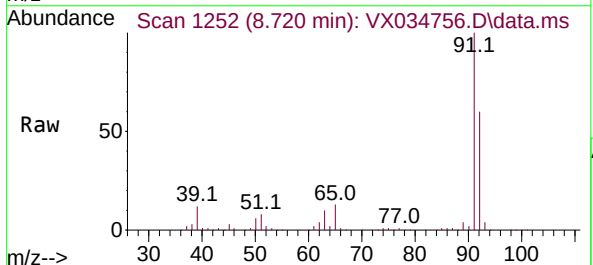
Instrument :
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ClientSampleId :
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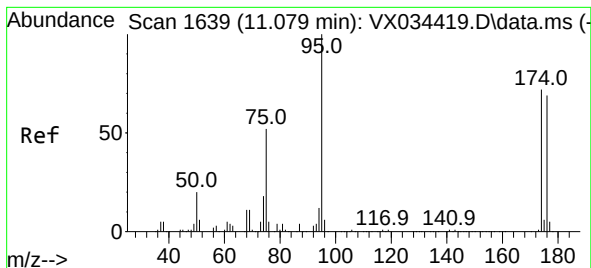
Tgt Ion: 98 Resp: 552950
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#52
Toluene
Concen: 199.271 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 92 Resp: 1696876
Ion Ratio Lower Upper
92 100
91 169.1 136.8 205.2

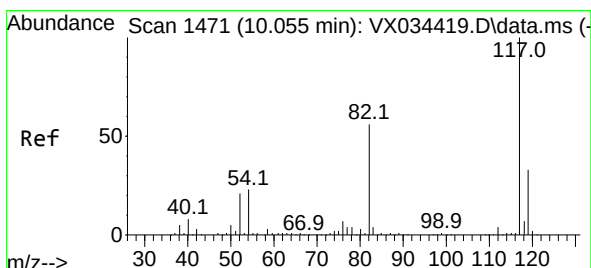
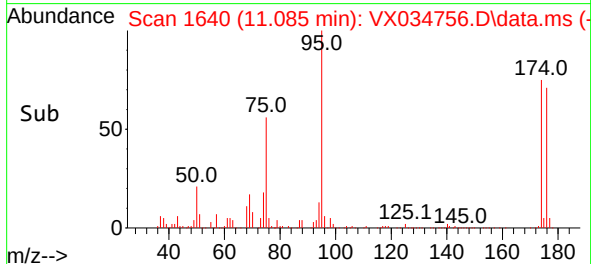
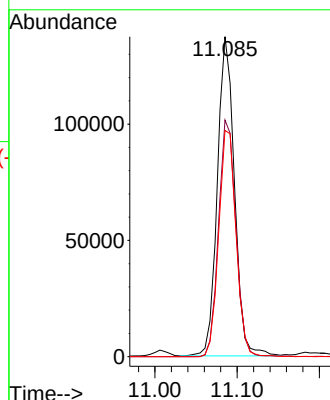
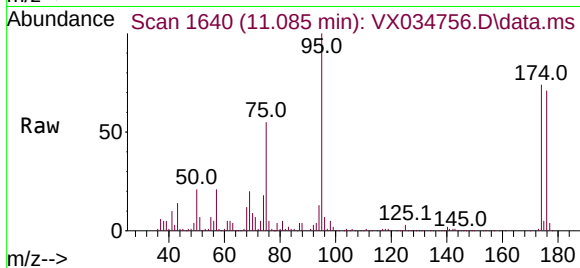




#62
4-Bromofluorobenzene
Concen: 43.132 ug/l
RT: 11.085 min Scan# 1161
Delta R.T. 0.006 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

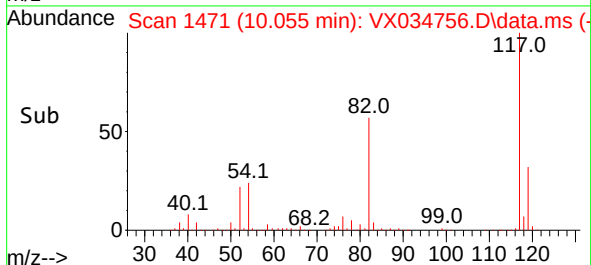
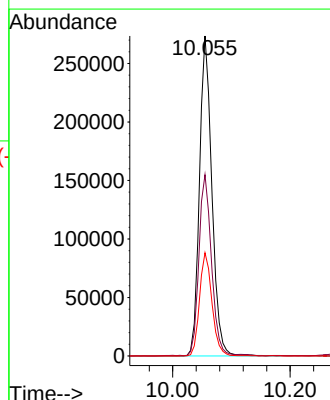
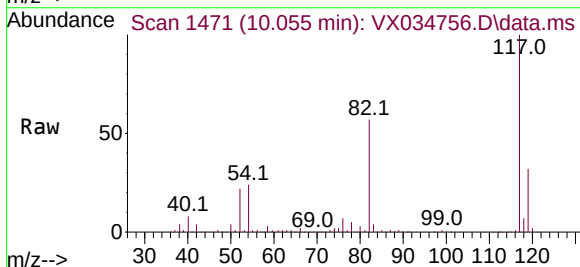
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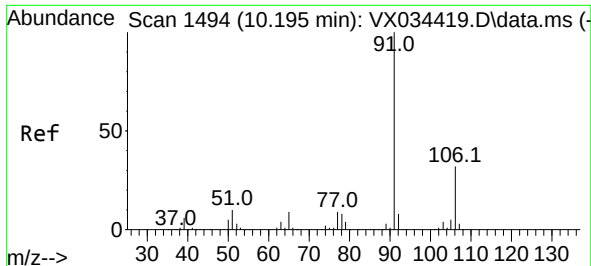
Tgt Ion: 95 Resp: 199088
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 117 Resp: 401053
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.3 26.0 39.0

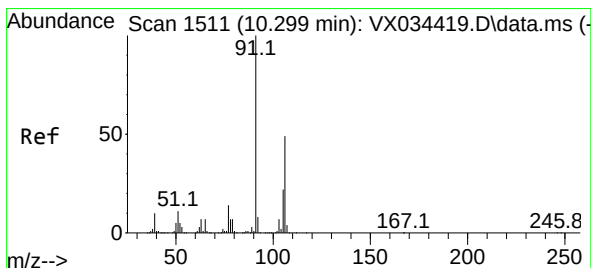
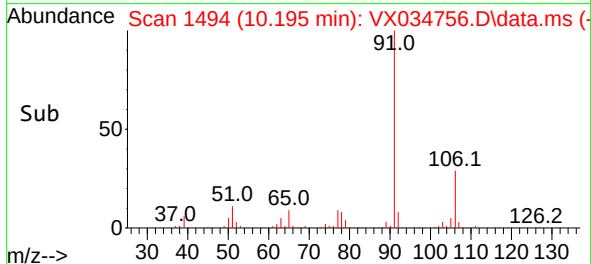
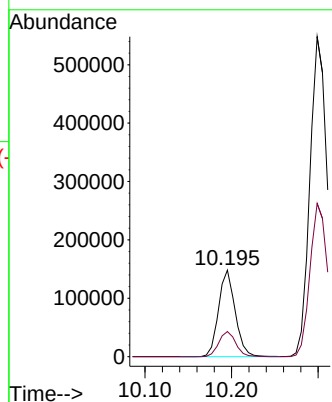
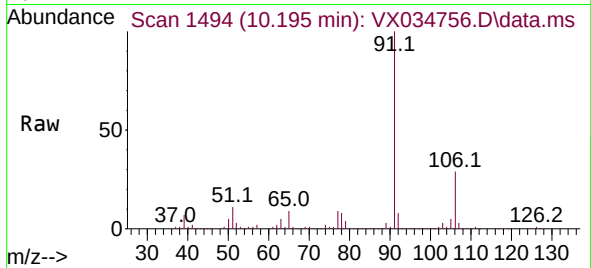




#67
Ethyl Benzene
Concen: 12.555 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

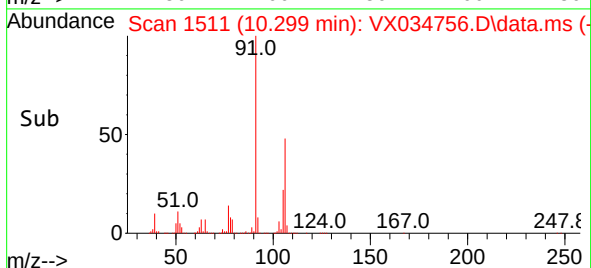
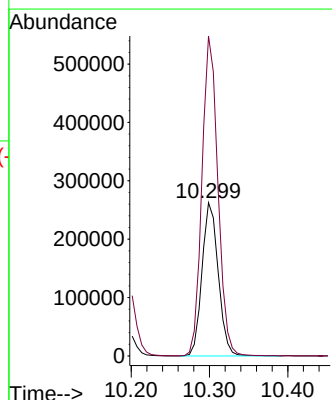
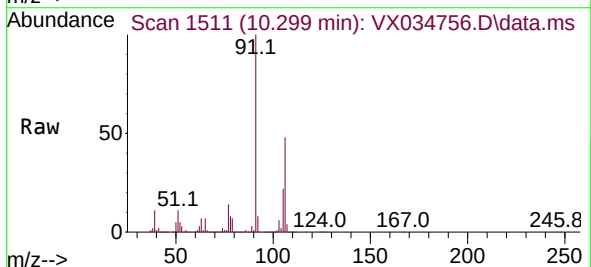
Instrument :
MSVOA_X
ClientSampleId :
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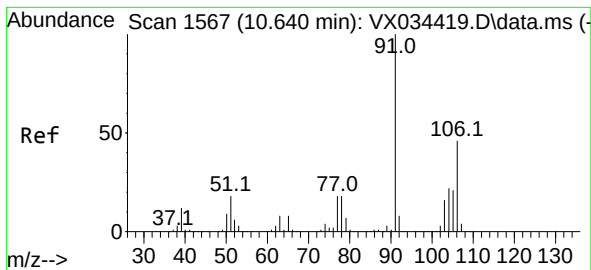
Tgt Ion: 91 Resp: 197775
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4



#68
m/p-Xylenes
Concen: 62.299 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion: 106 Resp: 376995
Ion Ratio Lower Upper
106 100
91 205.4 164.0 246.0

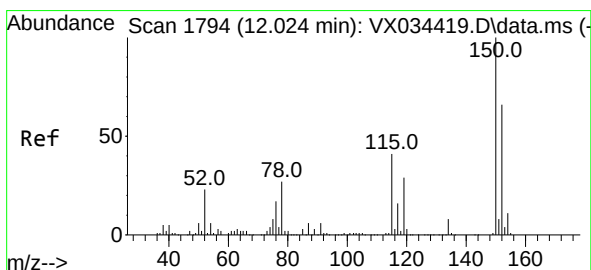
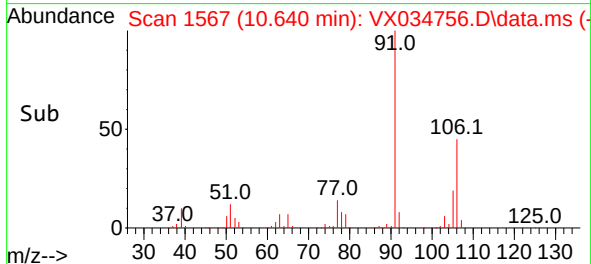
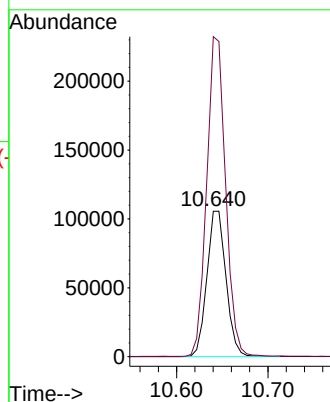
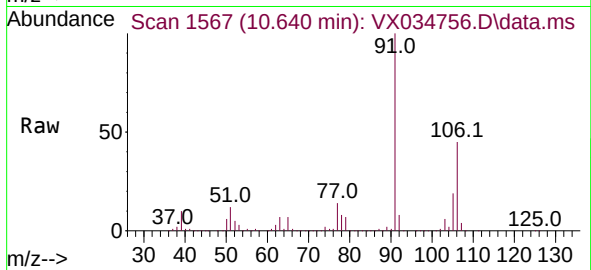




#69
o-Xylene
Concen: 25.264 ug/l
RT: 10.640 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

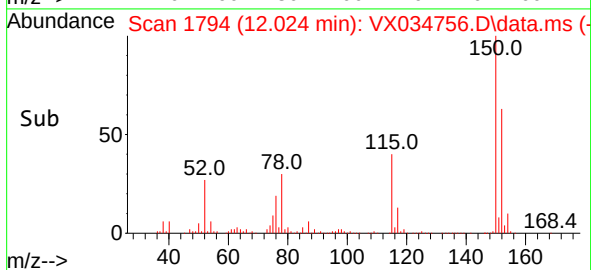
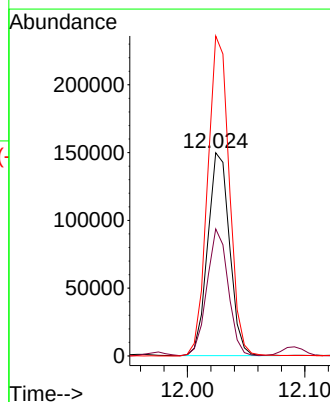
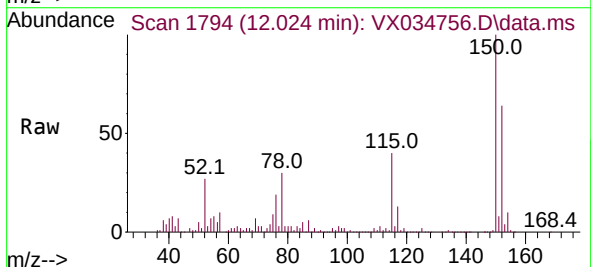
Instrument :
MSVOA_X
ClientSampleId :
1161

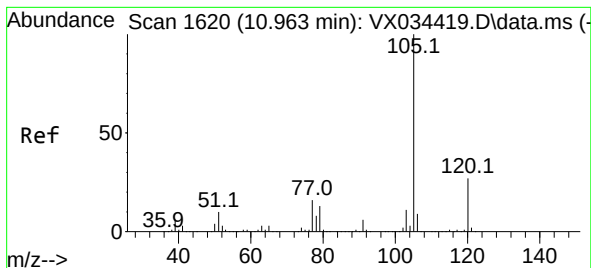
Tgt Ion:106 Resp: 153424
Ion Ratio Lower Upper
106 100
91 216.8 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034756.D
Acq: 27 Mar 2023 17:45

Tgt Ion:152 Resp: 192836
Ion Ratio Lower Upper
152 100
115 60.8 45.0 135.0
150 157.0 0.0 352.4





#73

Isopropylbenzene

Concen: 2.073 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

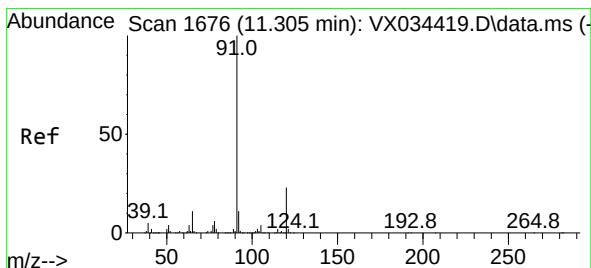
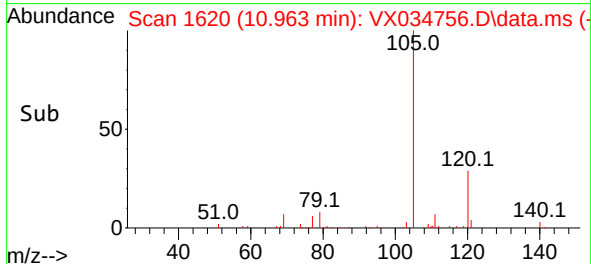
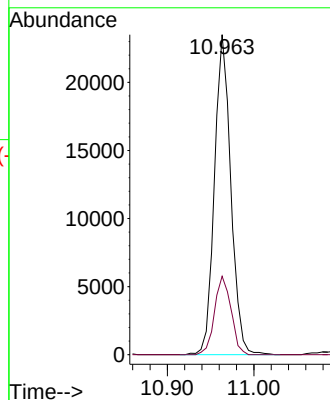
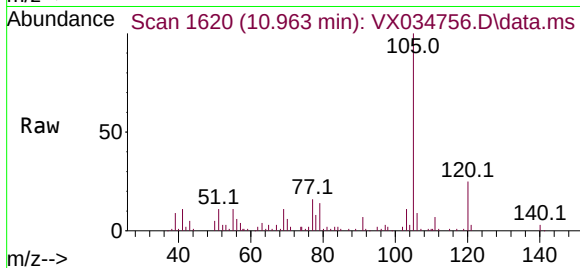
1161

Tgt Ion:105 Resp: 30902

Ion Ratio Lower Upper

105 100

120 24.6 13.3 39.9



#78

n-propylbenzene

Concen: 7.421 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034756.D

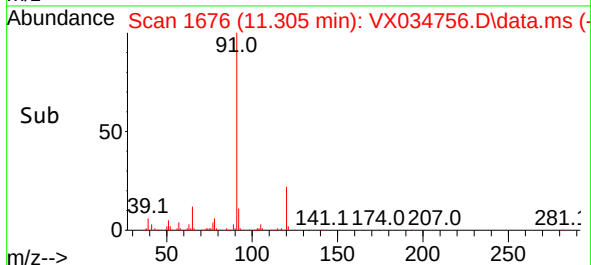
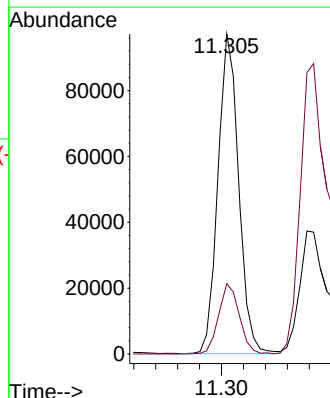
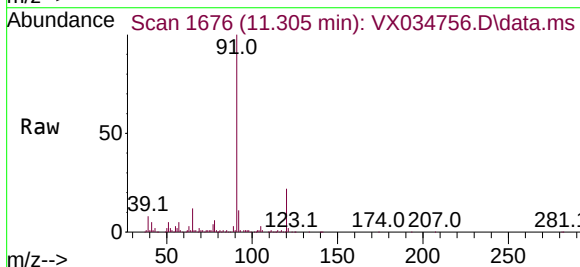
Acq: 27 Mar 2023 17:45

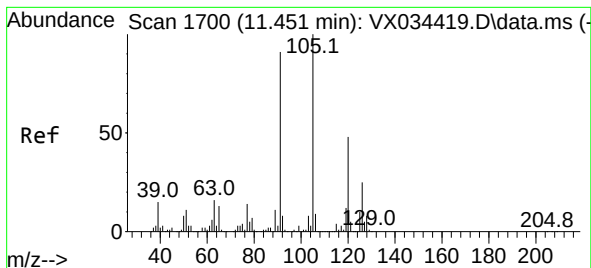
Tgt Ion: 91 Resp: 127737

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 13.758 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

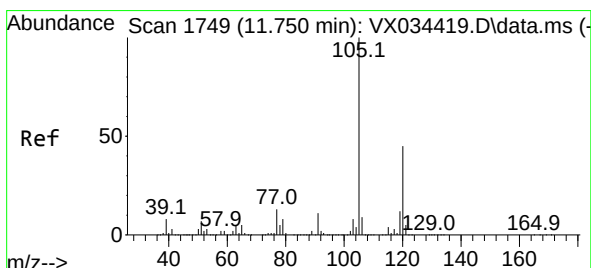
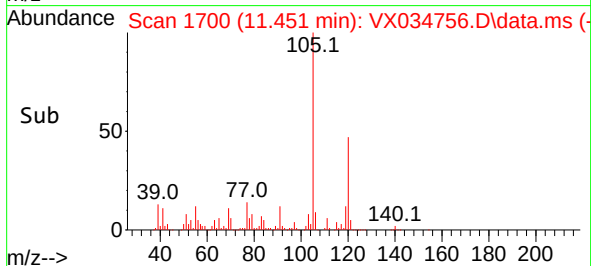
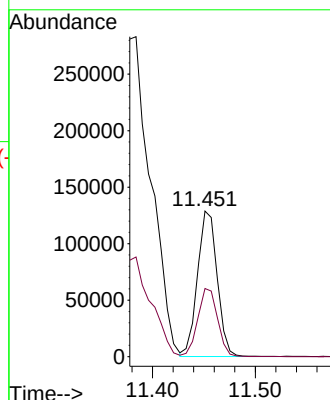
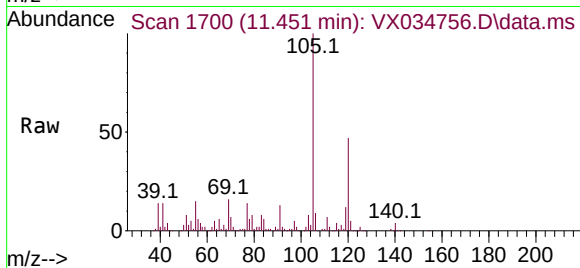
1161

Tgt Ion:105 Resp: 171981

Ion Ratio Lower Upper

105 100

120 47.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 53.885 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034756.D

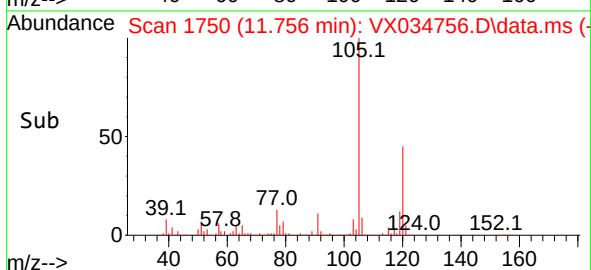
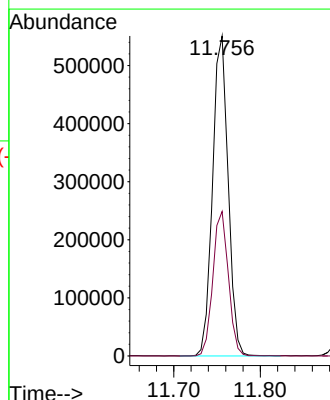
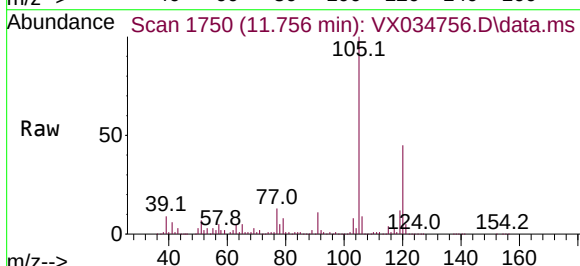
Acq: 27 Mar 2023 17:45

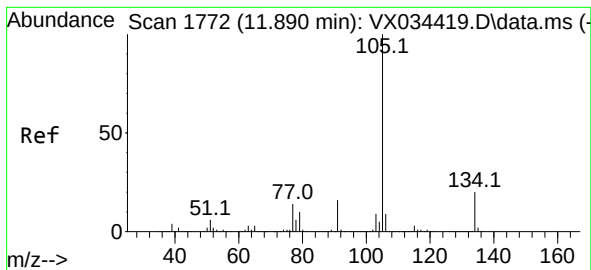
Tgt Ion:105 Resp: 688427

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.0





#85

sec-Butylbenzene

Concen: 2.373 ug/l

RT: 11.890 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

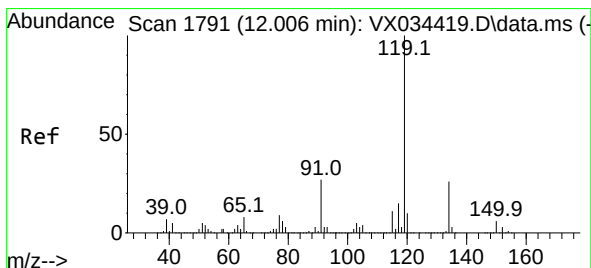
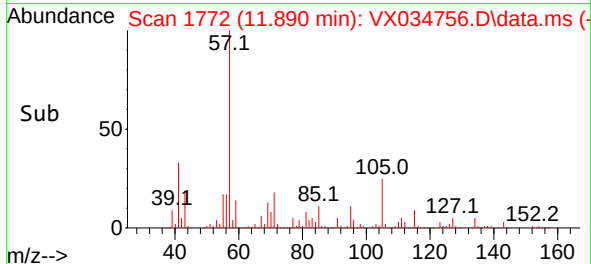
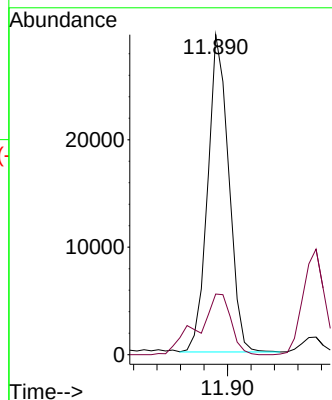
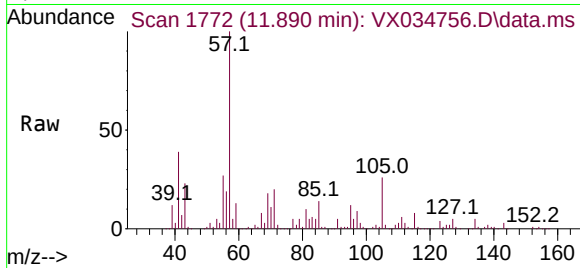
1161

Tgt Ion:105 Resp: 36561

Ion Ratio Lower Upper

105 100

134 29.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 1.679 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

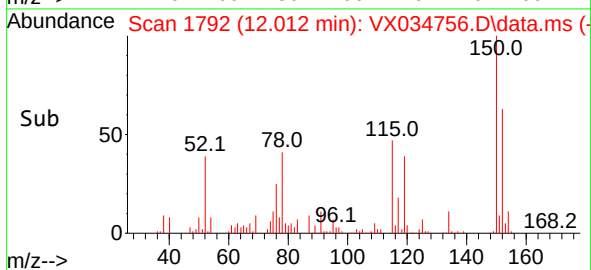
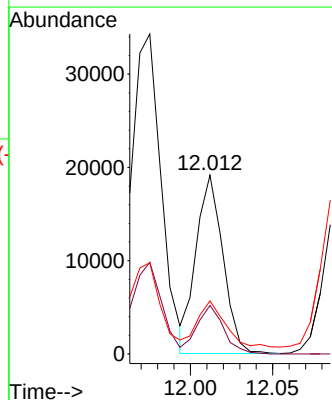
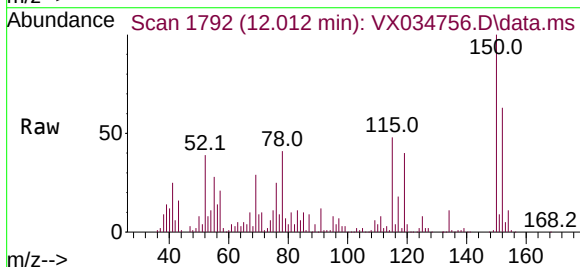
Tgt Ion:119 Resp: 21739

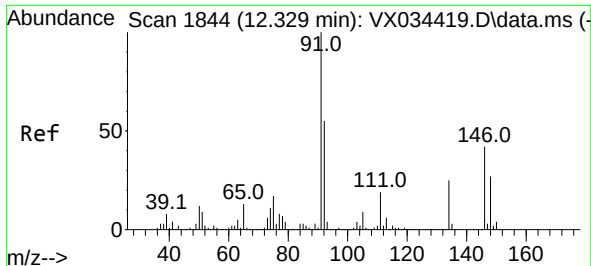
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 26.4 12.9 38.7





#89

n-Butylbenzene

Concen: 8.162 ug/l

RT: 12.329 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

1161

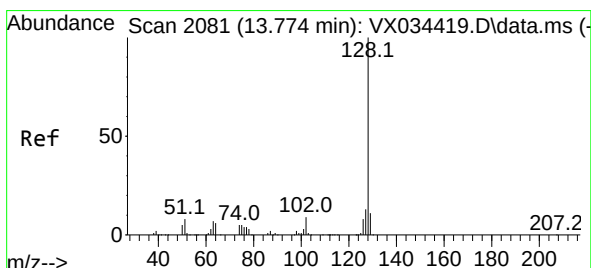
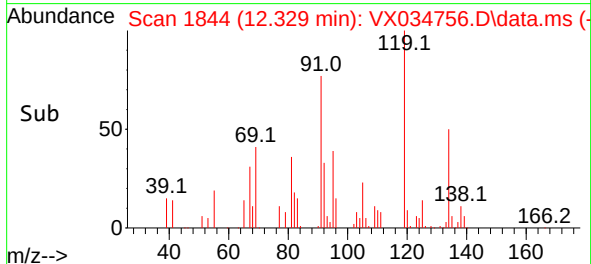
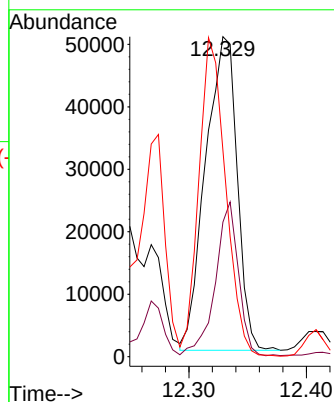
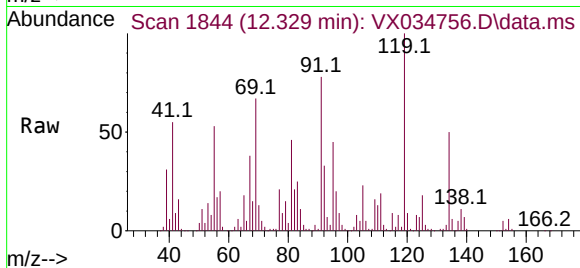
Tgt Ion: 91 Resp: 93969

Ion Ratio Lower Upper

91 100

92 35.6 27.7 83.0

134 85.5 13.0 38.9#



#95

Naphthalene

Concen: 7.178 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034756.D

Acq: 27 Mar 2023 17:45

Tgt Ion:128 Resp: 101921

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.5 8.6 13.0

