

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034758.D
 Acq On : 27 Mar 2023 18:31
 Operator : JC/MD
 Sample : 02052-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1846

Quant Time: Mar 28 03:23:12 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	5.544	168	277519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	470412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	229285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	188627	46.721	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.440%
35) Dibromofluoromethane	5.385	113	135454	43.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.220%
50) Toluene-d8	8.647	98	564125	48.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.085	95	242566	51.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%

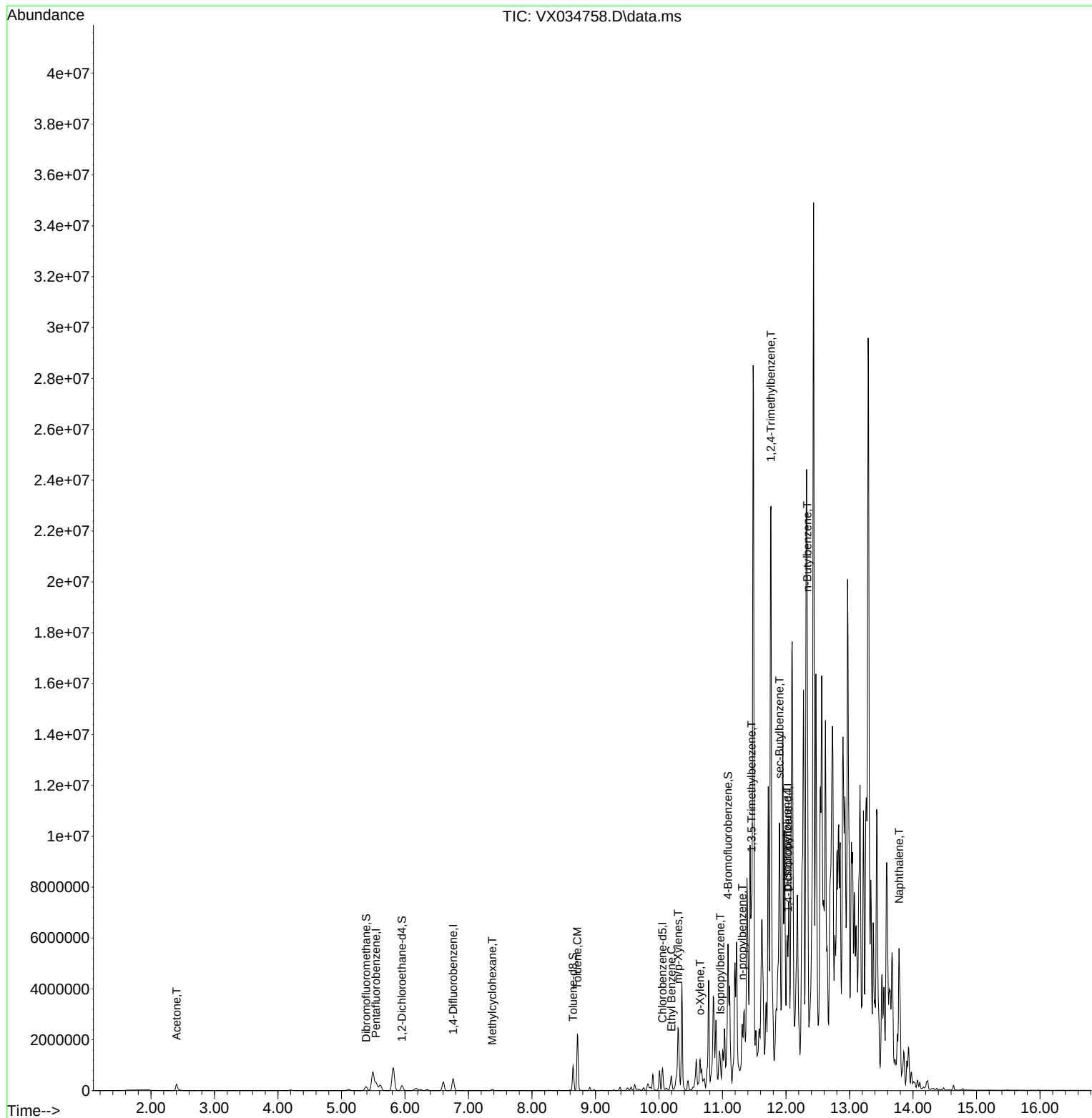
Target Compounds					Qvalue
16) Acetone	2.404	43	382584	201.170	ug/l 98
39) Methylcyclohexane	7.373	83	21998	3.853	ug/l 92
52) Toluene	8.714	92	813559	94.163	ug/l 99
67) Ethyl Benzene	10.195	91	282600	17.400	ug/l 97
68) m/p-Xylenes	10.299	106	533007	85.430	ug/l 99
69) o-Xylene	10.647	106	231321	36.945	ug/l 98
73) Isopropylbenzene	10.964	105	213290	12.036	ug/l 100
78) n-propylbenzene	11.311	91	1156710	56.519	ug/l 99
80) 1,3,5-Trimethylbenzene	11.457	105	1966271	132.286	ug/l 98
84) 1,2,4-Trimethylbenzene	11.762	105	8097878	533.080	ug/l 90
85) sec-Butylbenzene	11.896	105	1710518	93.362	ug/l 82
86) p-Isopropyltoluene	12.018	119	1500454	97.444	ug/l 99
89) n-Butylbenzene	12.335	91	4443782	324.629	ug/l # 63
95) Naphthalene	13.780	128	2869948	169.999	ug/l # 93

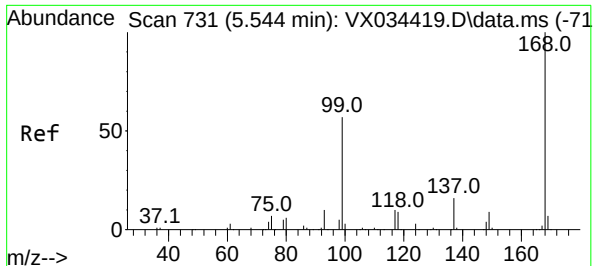
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

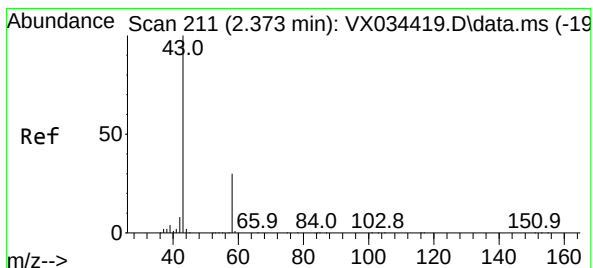
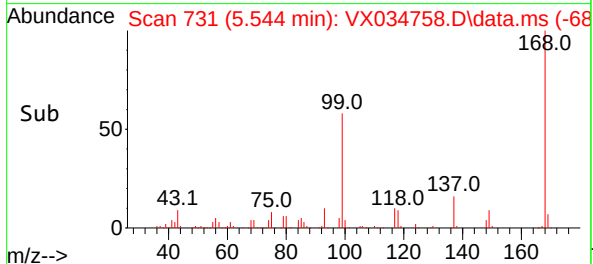
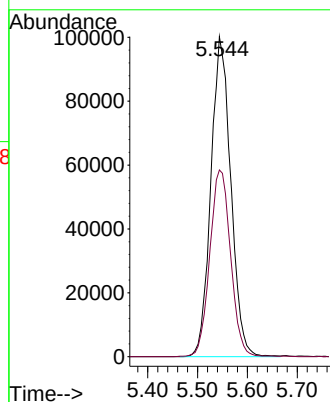
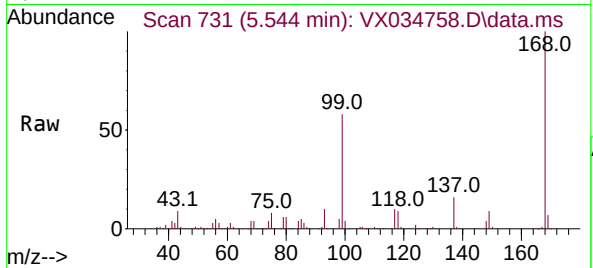




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

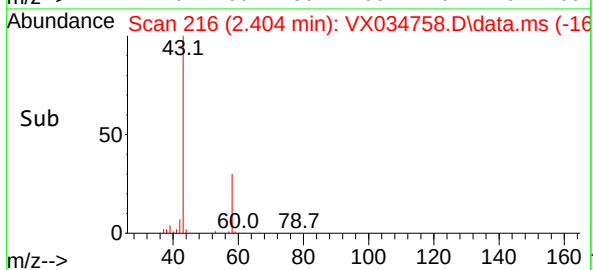
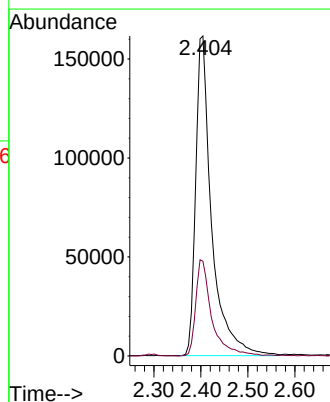
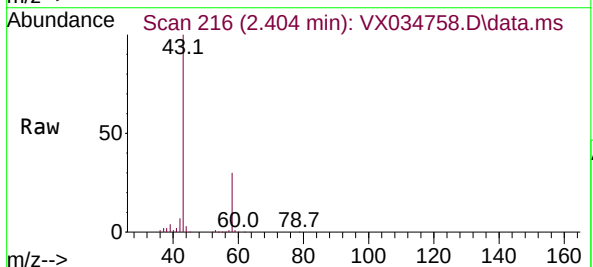
Instrument :
MSVOA_X
ClientSampleId :
AUD-1846

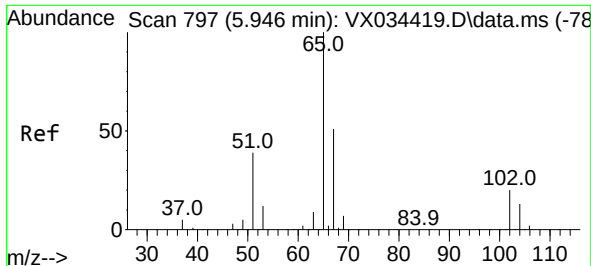
Tgt Ion:168 Resp: 277519
Ion Ratio Lower Upper
168 100
99 58.2 45.7 68.5



#16
Acetone
Concen: 201.170 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.031 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion: 43 Resp: 382584
Ion Ratio Lower Upper
43 100
58 29.6 24.7 37.1

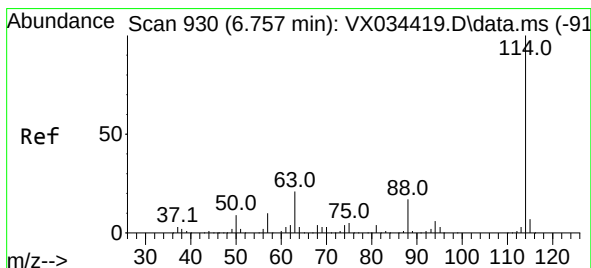
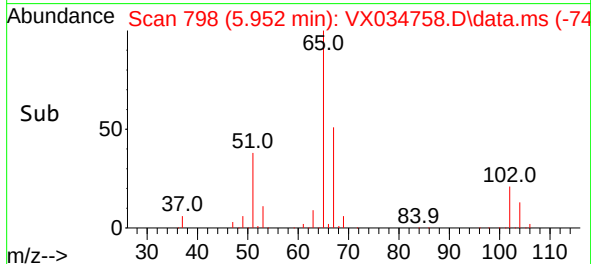
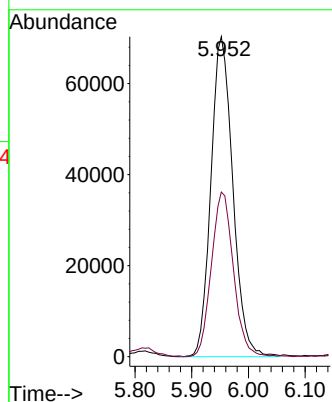
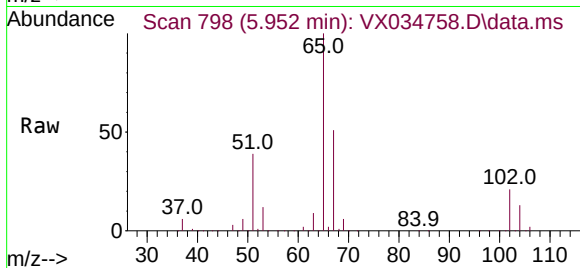




#33
 1,2-Dichloroethane-d4
 Concen: 46.721 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034758.D
 Acq: 27 Mar 2023 18:31

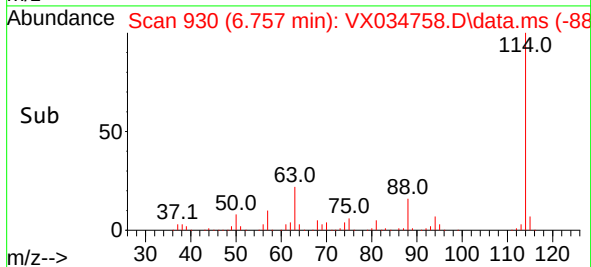
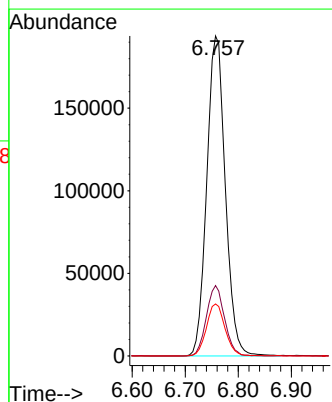
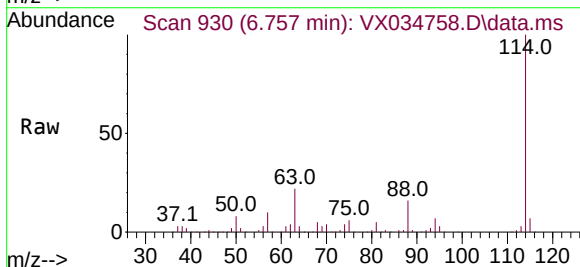
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1846

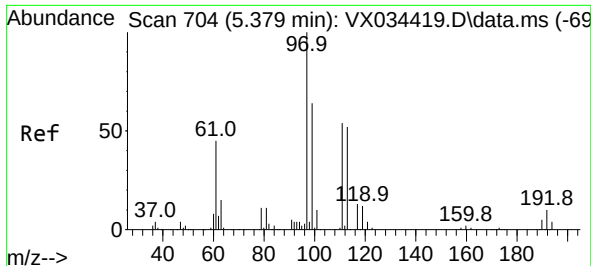
Tgt Ion: 65 Resp: 188627
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034758.D
 Acq: 27 Mar 2023 18:31

Tgt Ion: 114 Resp: 470412
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.2
 88 16.3 0.0 33.2

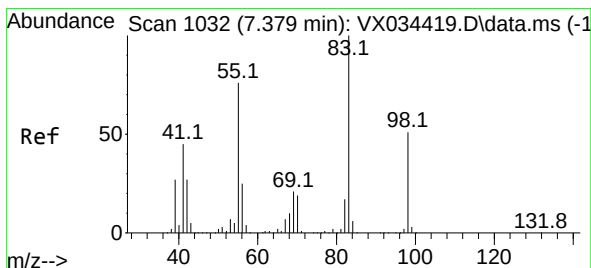
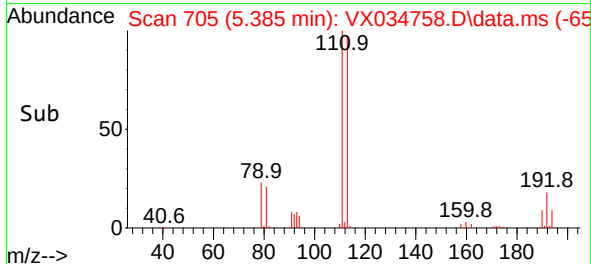
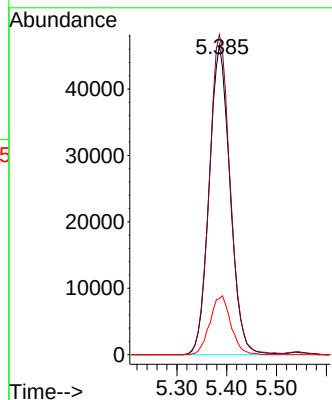
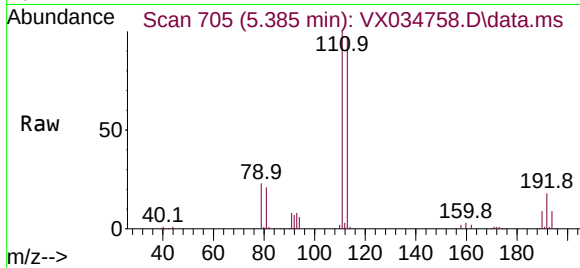




#35
Dibromofluoromethane
Concen: 43.612 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

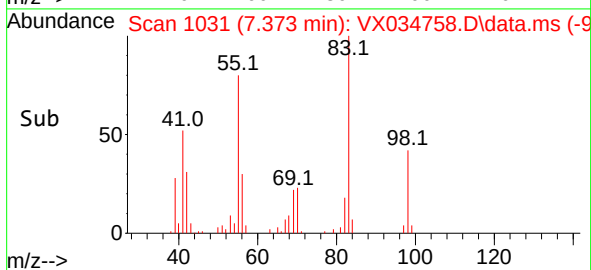
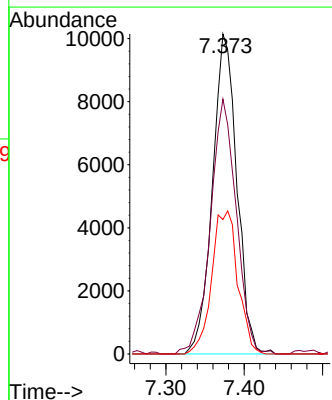
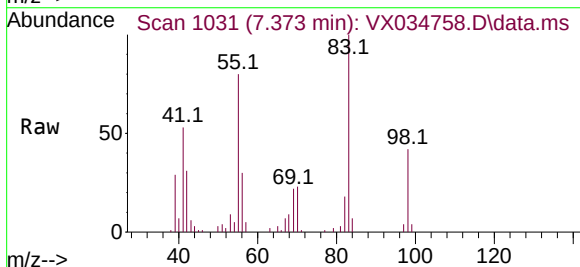
Instrument :
MSVOA_X
ClientSampleId :
AUD-1846

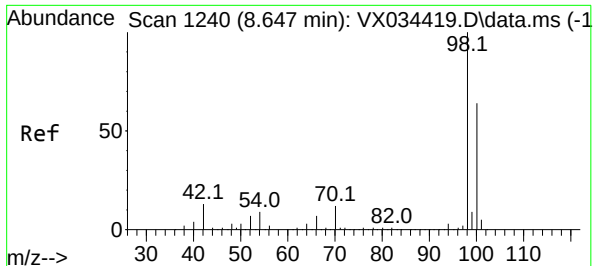
Tgt Ion:113 Resp: 135454
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 19.1 15.4 23.2



#39
Methylcyclohexane
Concen: 3.853 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion: 83 Resp: 21998
Ion Ratio Lower Upper
83 100
55 79.6 60.5 90.7
98 42.0 40.4 60.6

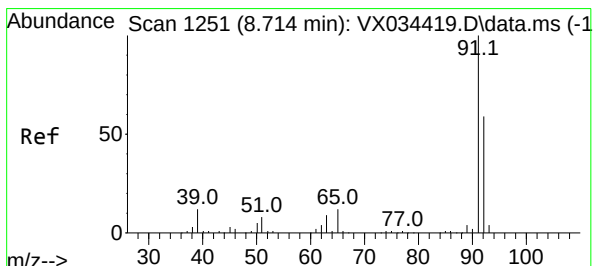
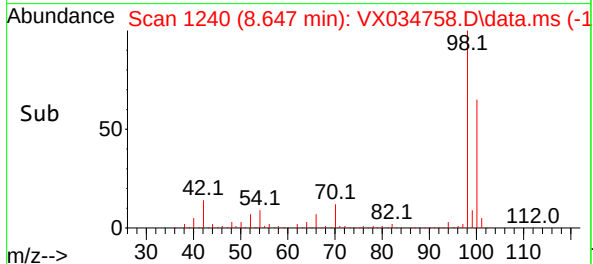
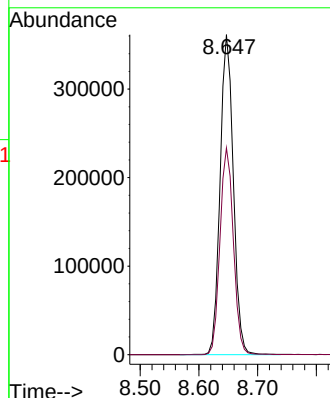
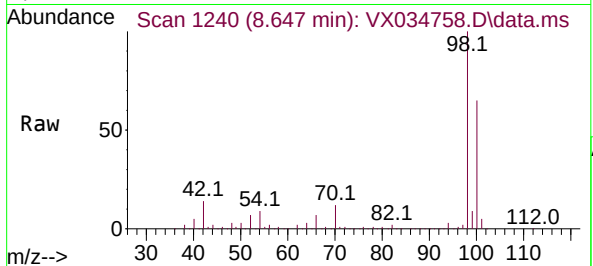




#50
Toluene-d8
Concen: 48.655 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

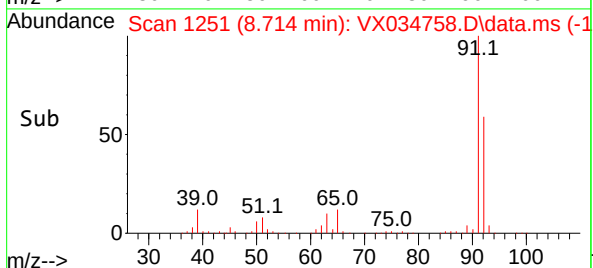
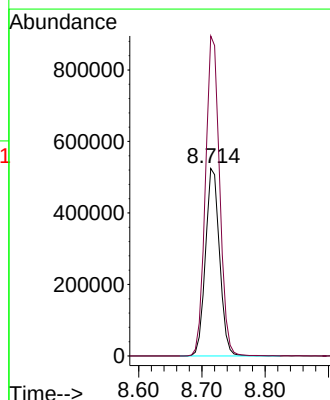
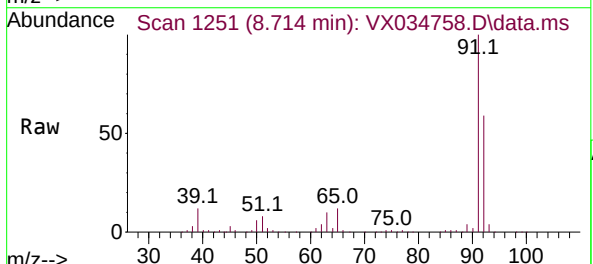
Instrument :
MSVOA_X
ClientSampleId :
AUD-1846

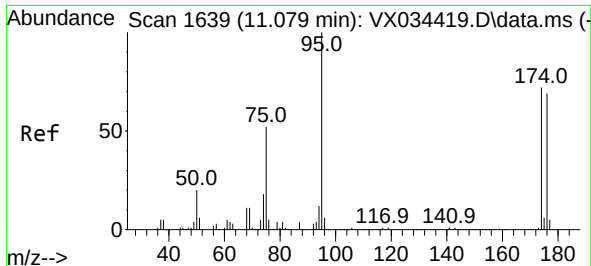
Tgt Ion: 98 Resp: 564125
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#52
Toluene
Concen: 94.163 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion: 92 Resp: 813559
Ion Ratio Lower Upper
92 100
91 171.9 136.8 205.2

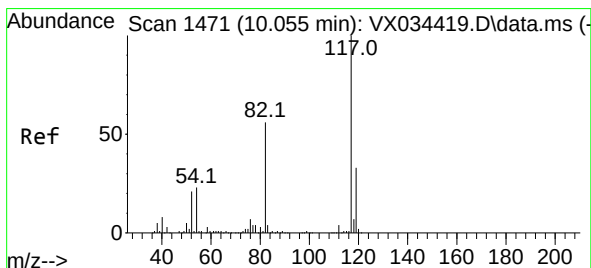
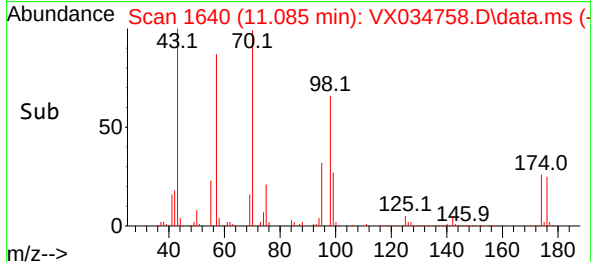
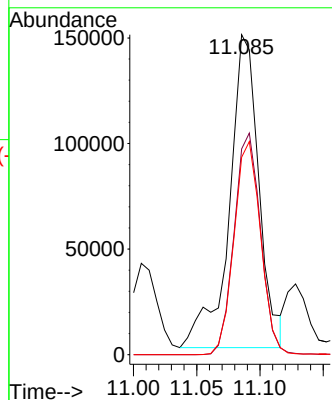
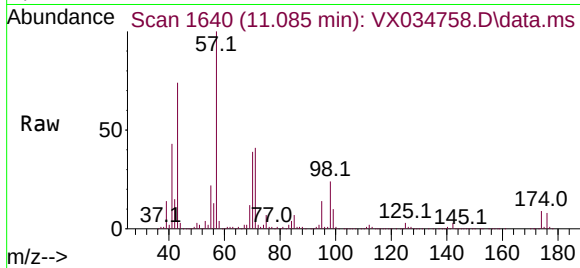




#62
4-Bromofluorobenzene
Concen: 51.794 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

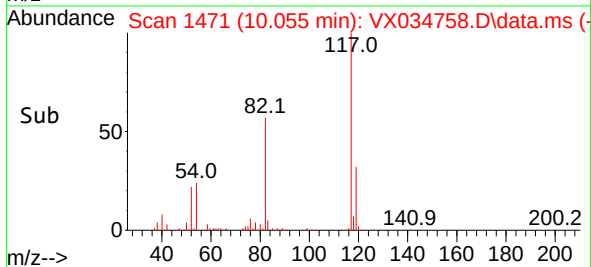
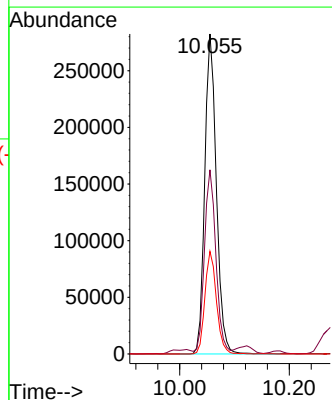
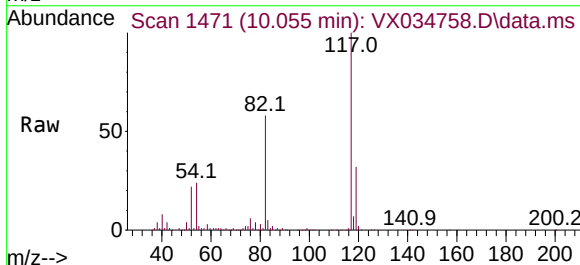
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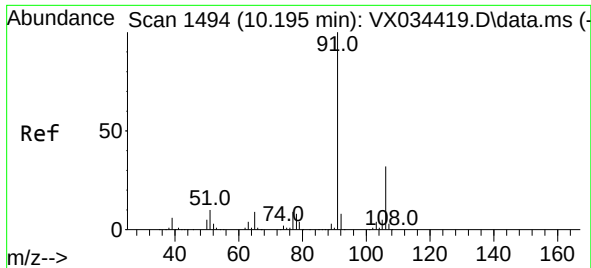
Tgt Ion: 95 Resp: 242566
Ion Ratio Lower Upper
95 100
174 63.1 0.0 147.4
176 61.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion:117 Resp: 413493
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.1 26.0 39.0

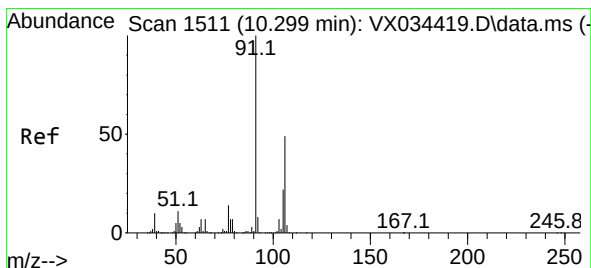
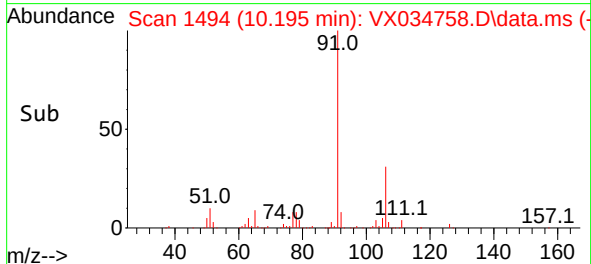
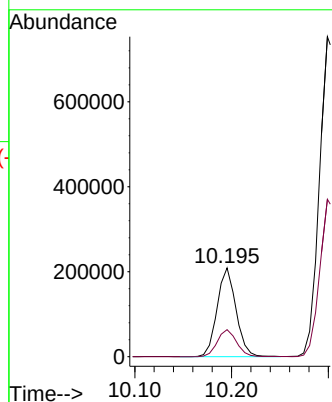
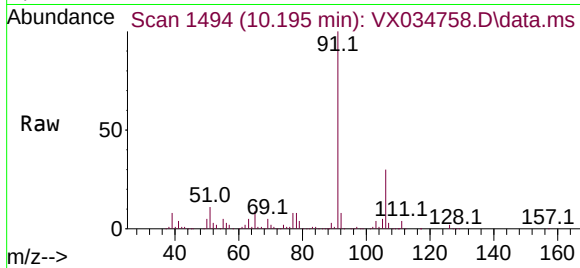




#67
Ethyl Benzene
Concen: 17.400 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

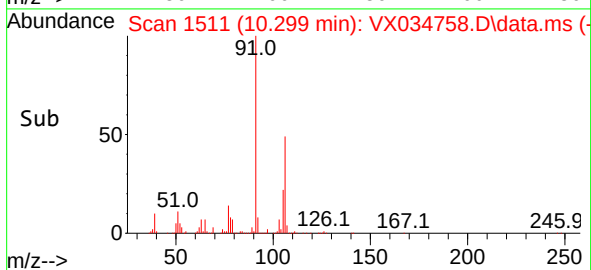
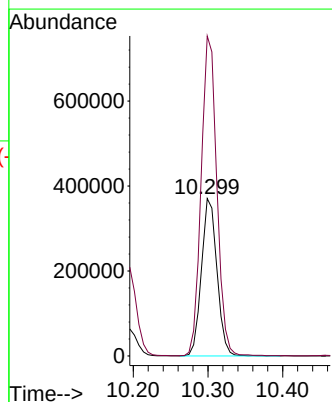
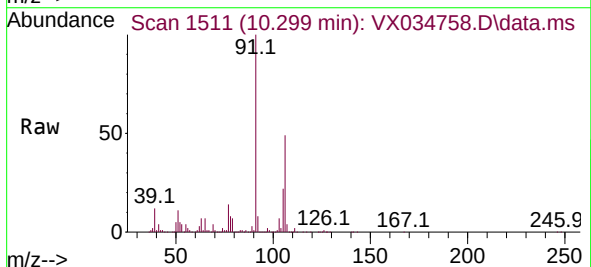
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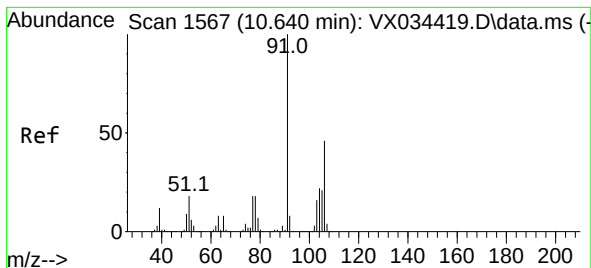
Tgt Ion: 91 Resp: 282600
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 85.430 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion: 106 Resp: 533007
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0





#69

o-Xylene

Concen: 36.945 ug/l

RT: 10.647 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034758.D

Acq: 27 Mar 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

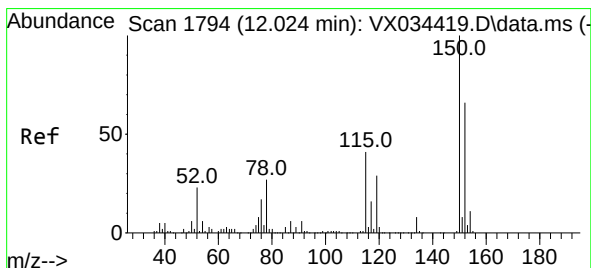
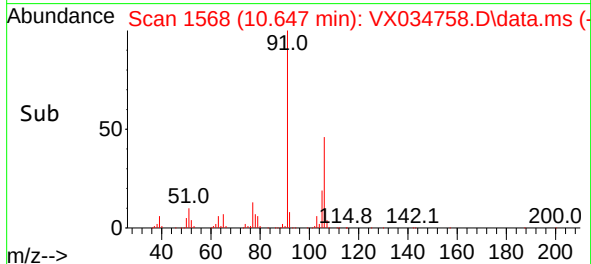
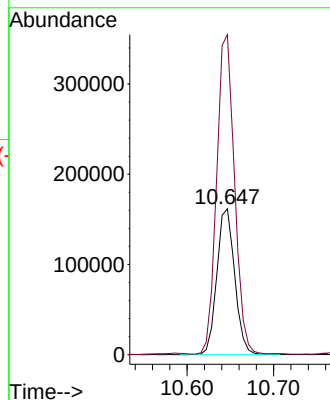
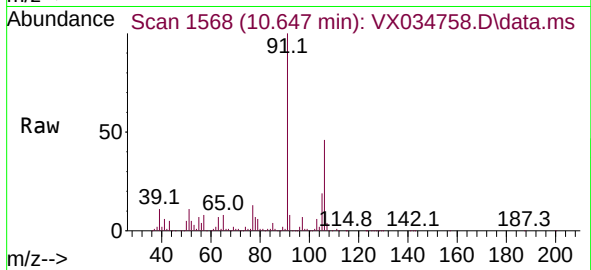
AUD-1846

Tgt Ion:106 Resp: 231321

Ion Ratio Lower Upper

106 100

91 219.6 108.5 325.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.030 min Scan# 1795

Delta R.T. 0.006 min

Lab File: VX034758.D

Acq: 27 Mar 2023 18:31

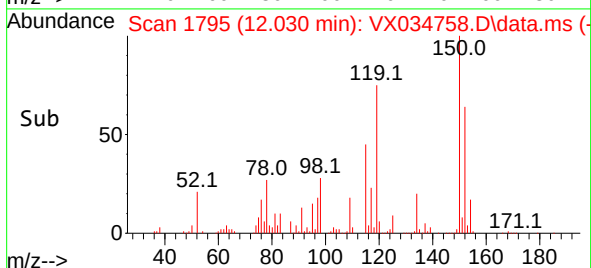
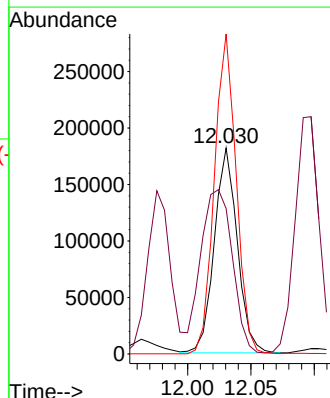
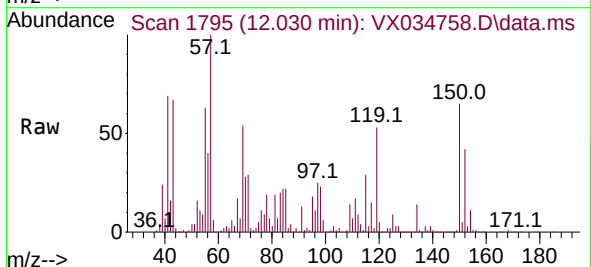
Tgt Ion:152 Resp: 229285

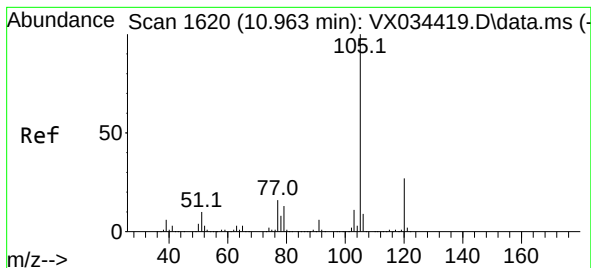
Ion Ratio Lower Upper

152 100

115 107.9 45.0 135.0

150 147.8 0.0 352.4





#73

Isopropylbenzene

Concen: 12.036 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034758.D

Acq: 27 Mar 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

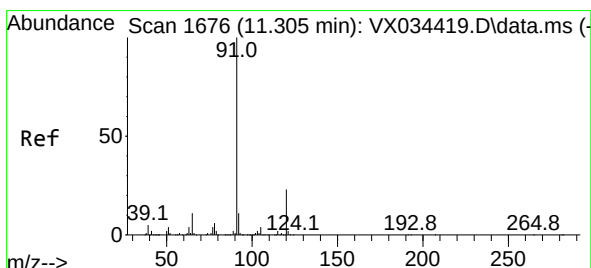
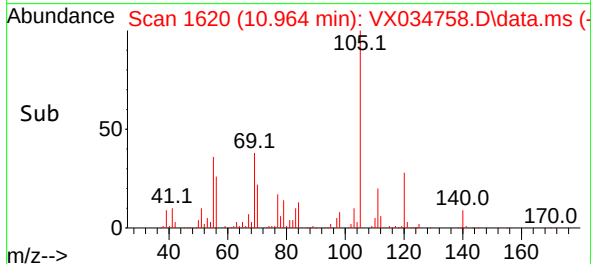
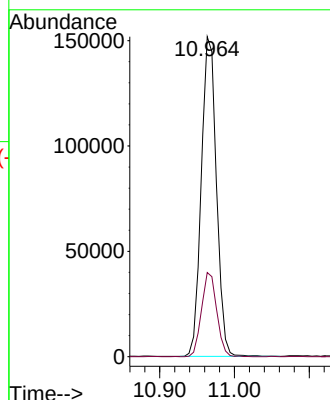
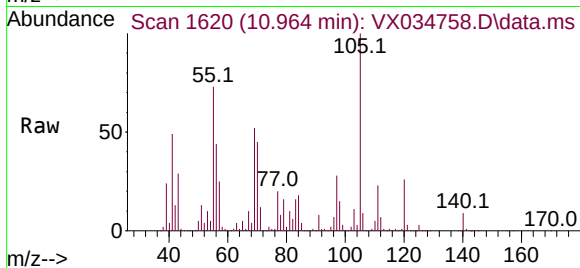
AUD-1846

Tgt Ion:105 Resp: 213290

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#78

n-propylbenzene

Concen: 56.519 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX034758.D

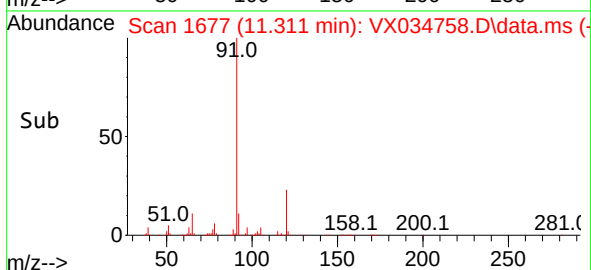
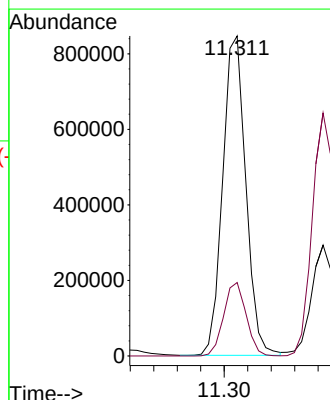
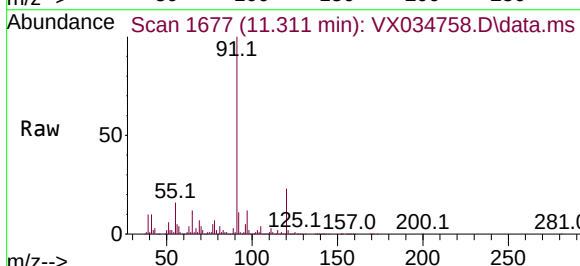
Acq: 27 Mar 2023 18:31

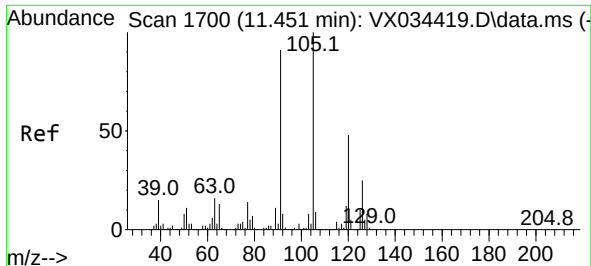
Tgt Ion: 91 Resp: 1156710

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5

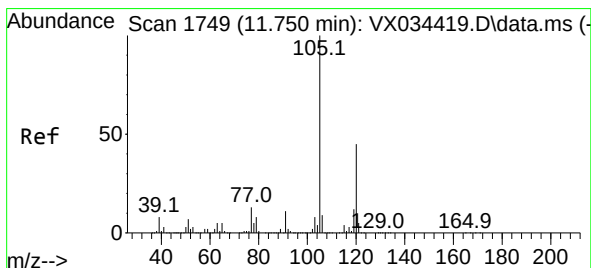
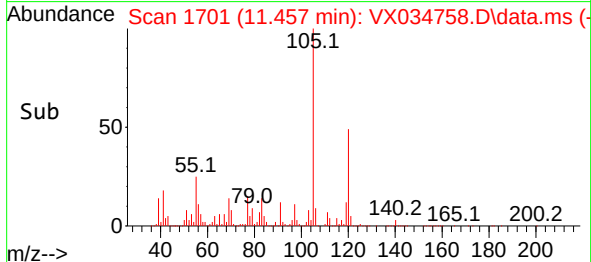
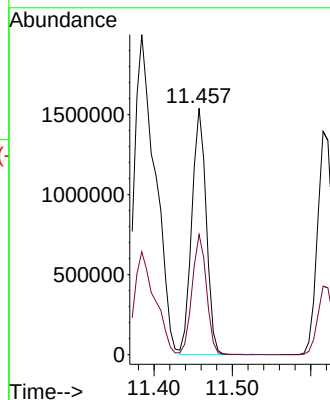
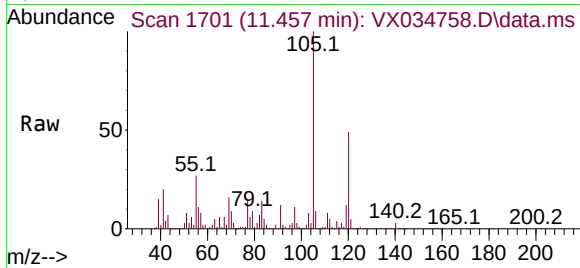




#80
 1,3,5-Trimethylbenzene
 Concen: 132.286 ug/l
 RT: 11.457 min Scan# 1700
 Delta R.T. 0.006 min
 Lab File: VX034758.D
 Acq: 27 Mar 2023 18:31

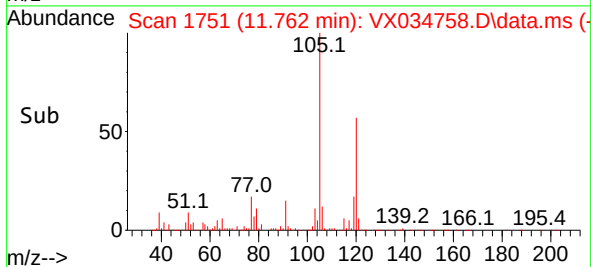
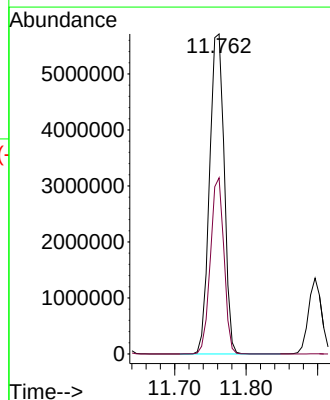
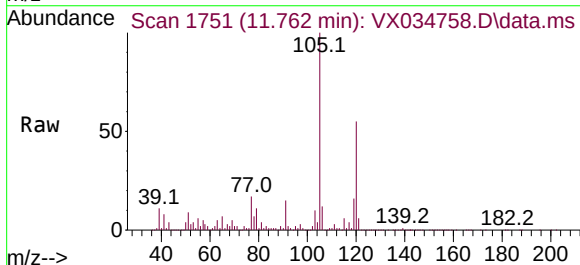
Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1846

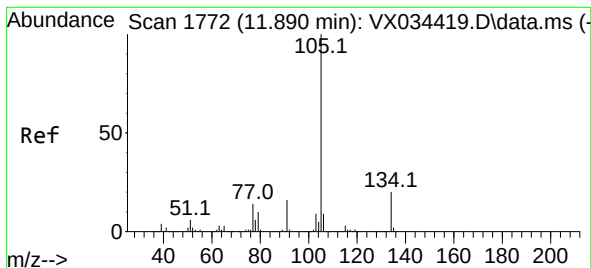
Tgt Ion:105 Resp: 1966271
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.7 71.1



#84
 1,2,4-Trimethylbenzene
 Concen: 533.080 ug/l
 RT: 11.762 min Scan# 1751
 Delta R.T. 0.012 min
 Lab File: VX034758.D
 Acq: 27 Mar 2023 18:31

Tgt Ion:105 Resp: 8097878
 Ion Ratio Lower Upper
 105 100
 120 51.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 93.362 ug/l

RT: 11.896 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX034758.D

Acq: 27 Mar 2023 18:31

Instrument :

MSVOA_X

ClientSampleId :

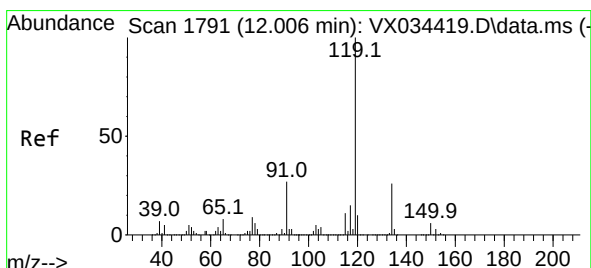
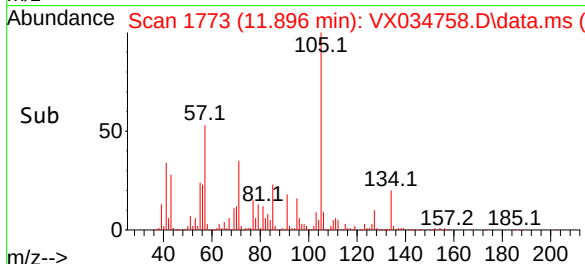
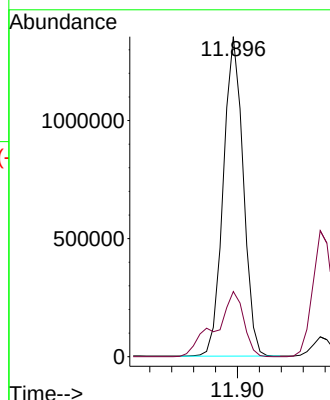
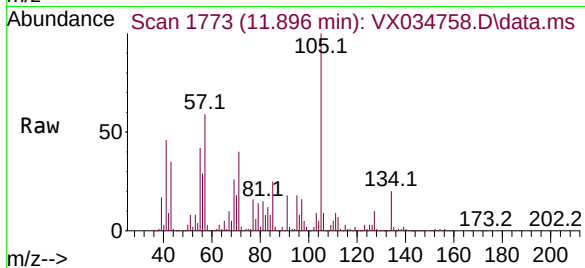
AUD-1846

Tgt Ion:105 Resp: 1710518

Ion Ratio Lower Upper

105 100

134 28.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 97.444 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.012 min

Lab File: VX034758.D

Acq: 27 Mar 2023 18:31

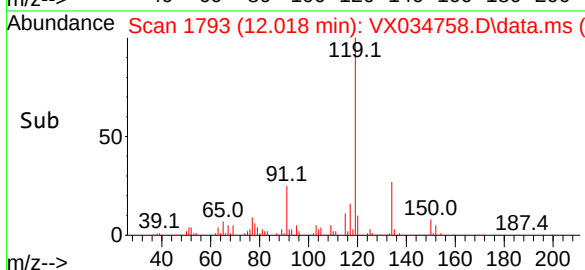
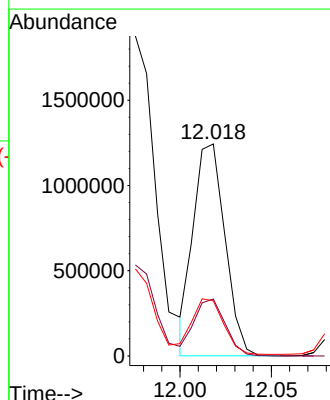
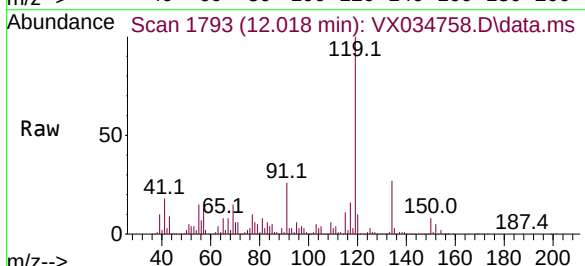
Tgt Ion:119 Resp: 1500454

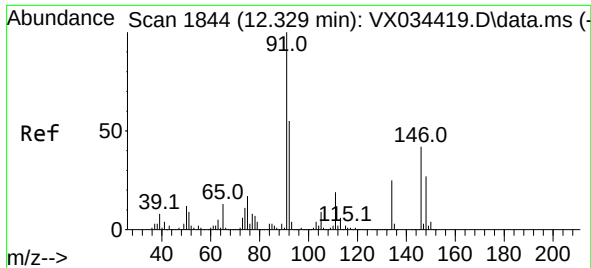
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 27.1 12.9 38.7

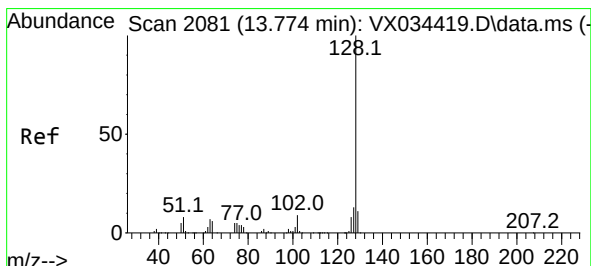
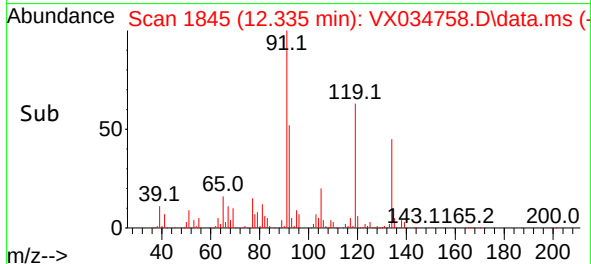
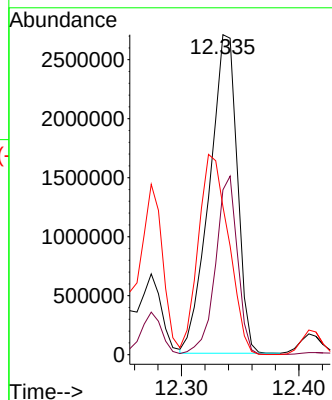
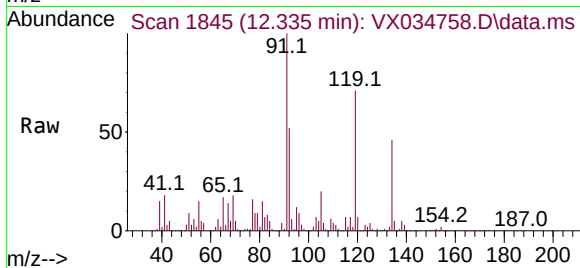




#89
n-Butylbenzene
Concen: 324.629 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Instrument :
MSVOA_X
ClientSampleId :
AUD-1846

Tgt Ion: 91 Resp: 4443782
Ion Ratio Lower Upper
91 100
92 44.2 27.7 83.0
134 68.2 13.0 38.9#



#95
Naphthalene
Concen: 169.999 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034758.D
Acq: 27 Mar 2023 18:31

Tgt Ion:128 Resp: 2869948
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.4
129 14.8 8.6 13.0#

