

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035082.D
 Acq On : 14 Apr 2023 14:46
 Operator : JC/MD
 Sample : 02345-02
 Misc : 1.62g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1611

Quant Time: Apr 17 05:10:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

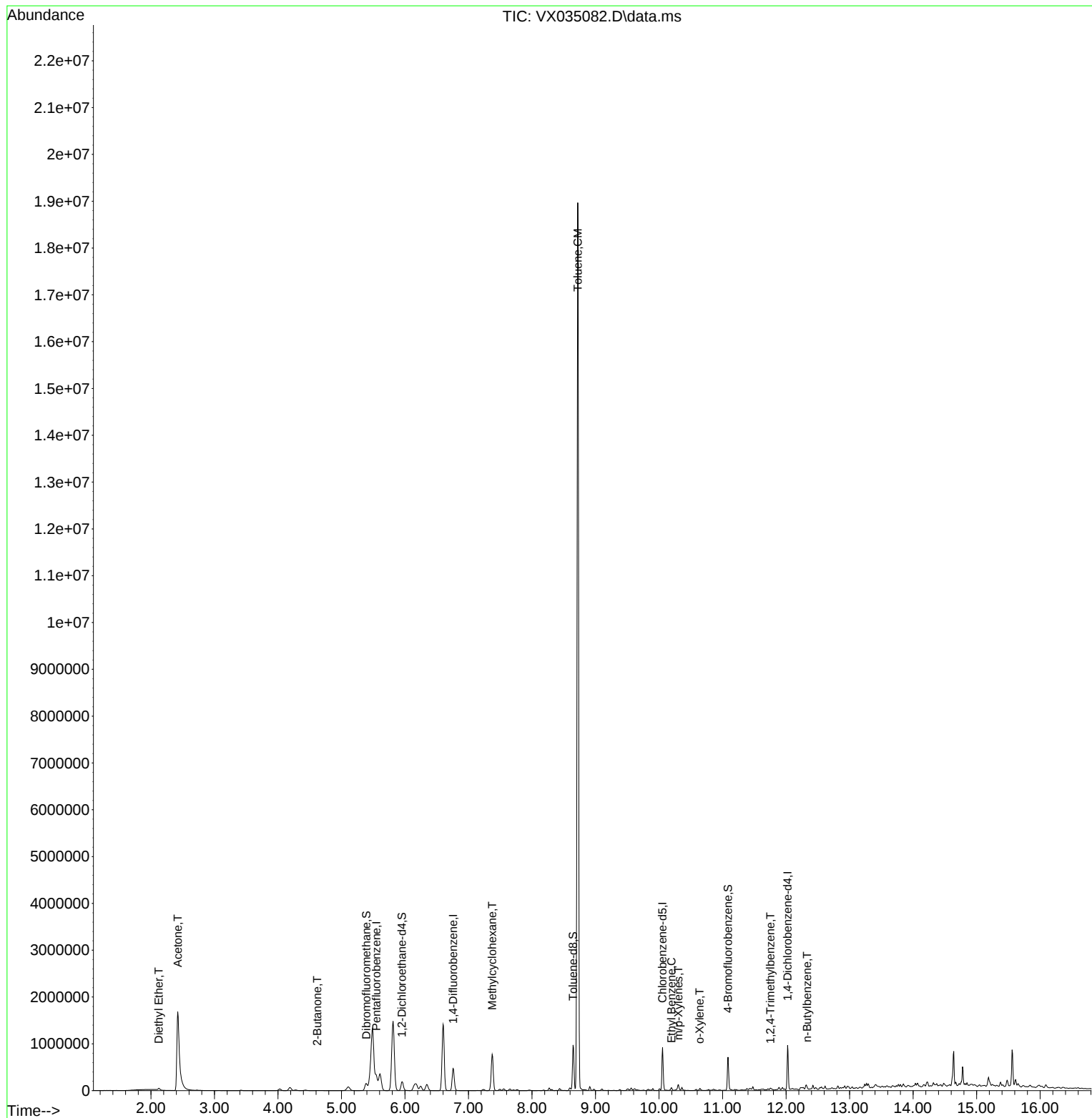
Internal Standards						
1) Pentafluorobenzene	5.550	168	295125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186713	41.368	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.740%		
35) Dibromofluoromethane	5.391	113	136434	42.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.080%		
50) Toluene-d8	8.647	98	583489	49.293	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.580%		
62) 4-Bromofluorobenzene	11.085	95	212143	46.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.620%		
Target Compounds						
8) Diethyl Ether	2.123	74	9915	4.794	ug/l	58
16) Acetone	2.422	43	3274418	1785.845	ug/l	99
25) 2-Butanone	4.617	43	7971	2.989	ug/l	97
39) Methylcyclohexane	7.372	83	353961	70.157	ug/l	96
52) Toluene	8.720	92	7756241	872.198	ug/l	84
67) Ethyl Benzene	10.195	91	30955	1.938	ug/l	99
68) m/p-Xylenes	10.305	106	28561	4.680	ug/l	98
69) o-Xylene	10.640	106	10260	1.716	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	13990	1.120	ug/l	97
89) n-Butylbenzene	12.329	91	10247	1.002	ug/l #	43

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

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1611

Quant Time: Apr 17 05:10:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

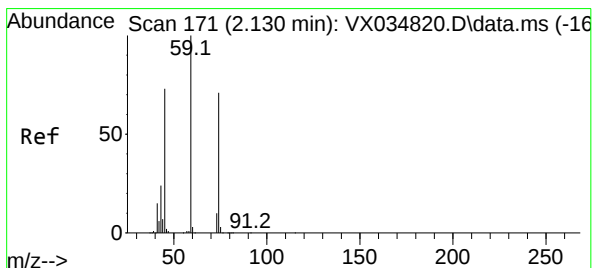
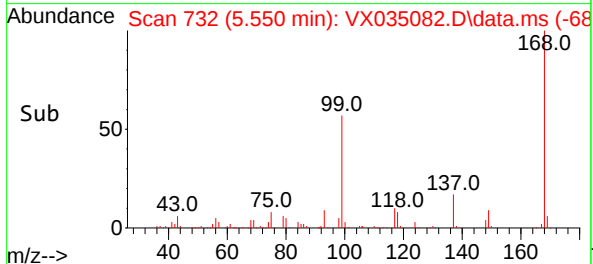
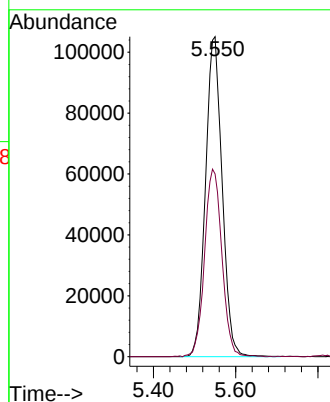
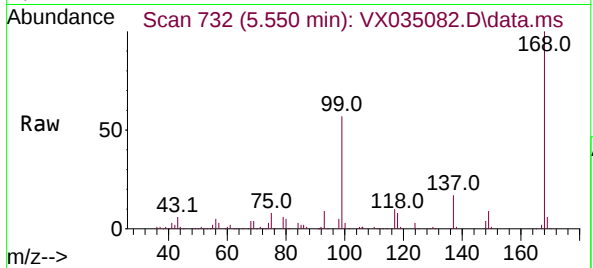




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

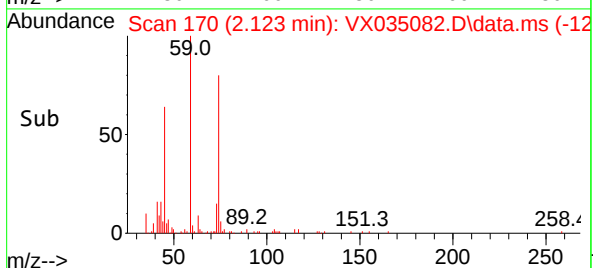
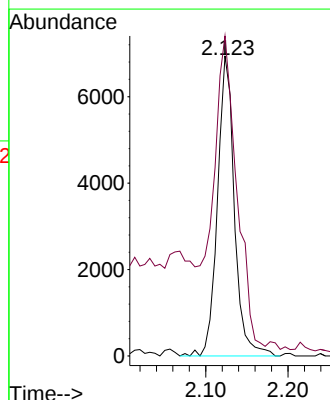
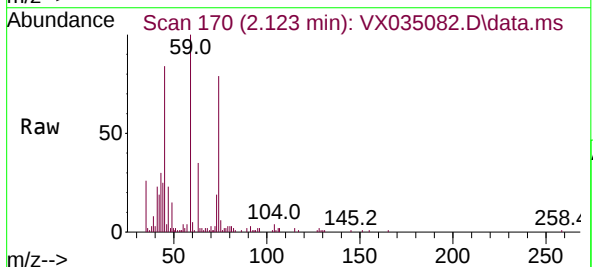
Instrument :
MSVOA_X
ClientSampleId :
1611

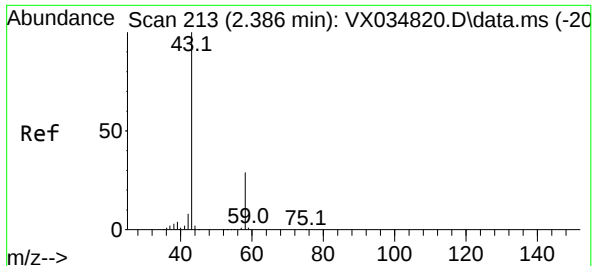
Tgt Ion:168 Resp: 295125
Ion Ratio Lower Upper
168 100
99 57.0 45.7 68.5



#8
Diethyl Ether
Concen: 4.794 ug/l
RT: 2.123 min Scan# 170
Delta R.T. -0.006 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion: 74 Resp: 9915
Ion Ratio Lower Upper
74 100
45 141.3 49.8 149.3

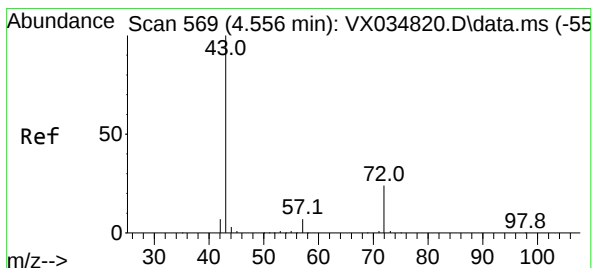
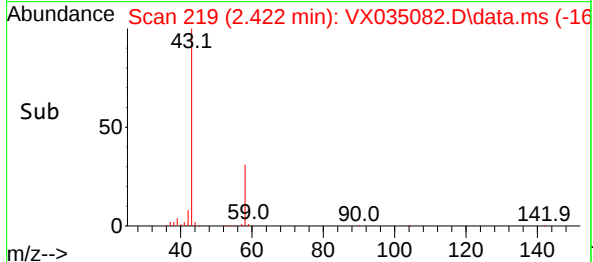
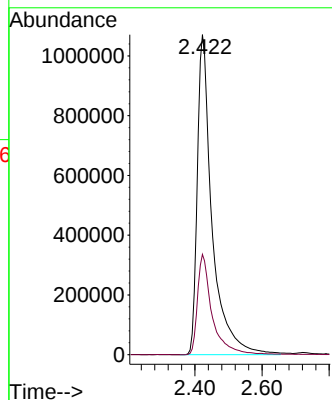
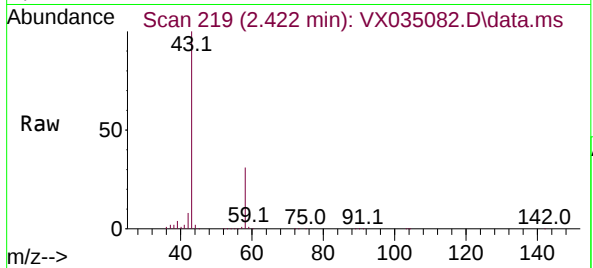




#16
Acetone
Concen: 1785.845 ug/l
RT: 2.422 min Scan# 213
Delta R.T. 0.036 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

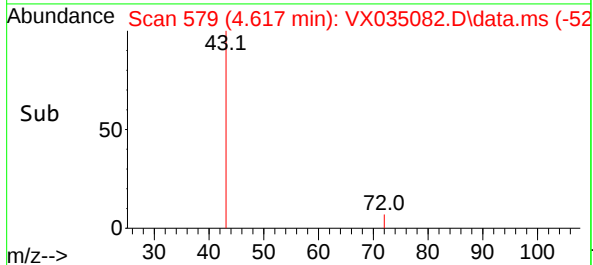
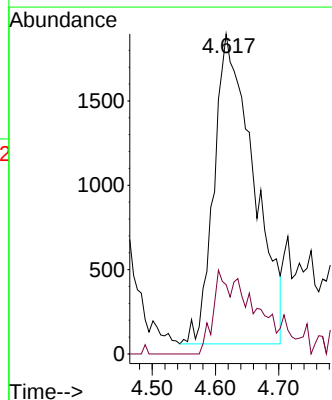
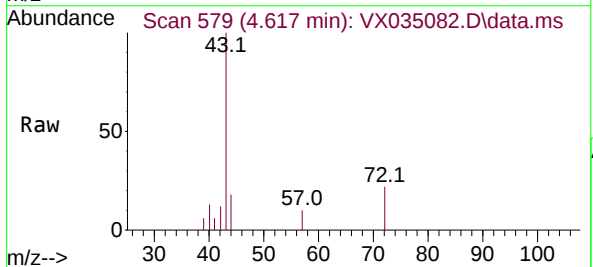
Instrument :
MSVOA_X
ClientSampleId :
1611

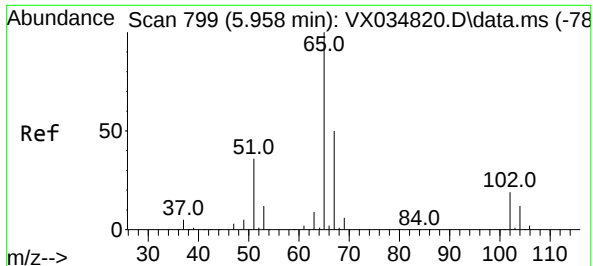
Tgt Ion: 43 Resp: 3274418
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1



#25
2-Butanone
Concen: 2.989 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.061 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion: 43 Resp: 7971
Ion Ratio Lower Upper
43 100
72 22.4 19.3 28.9

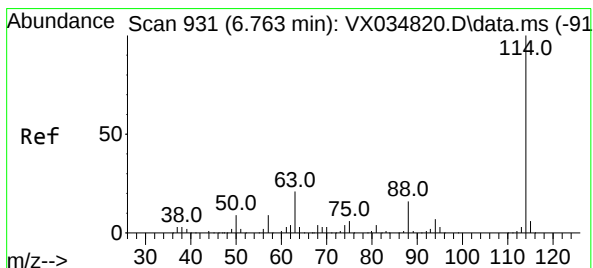
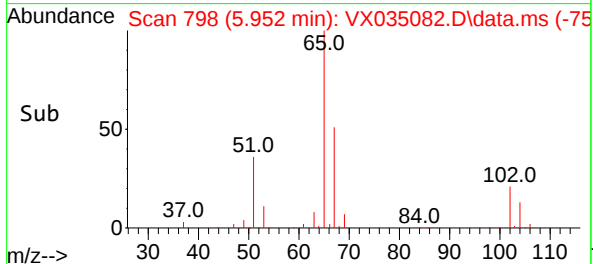
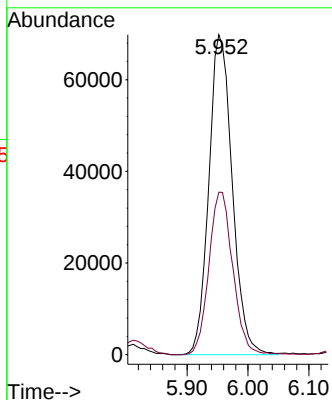
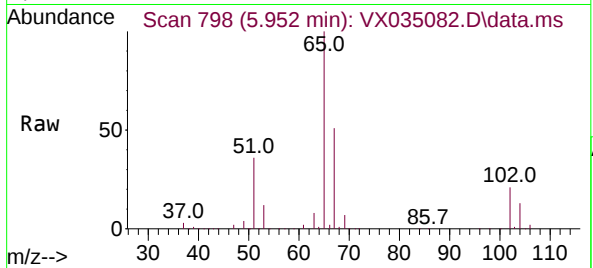




#33
 1,2-Dichloroethane-d4
 Concen: 41.368 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035082.D
 Acq: 14 Apr 2023 14:46

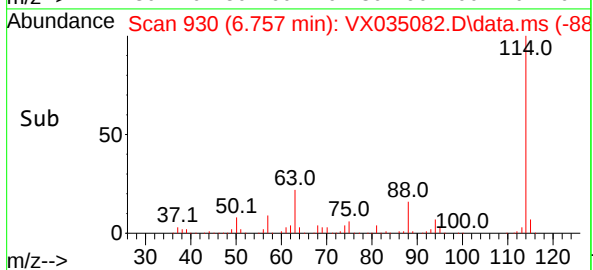
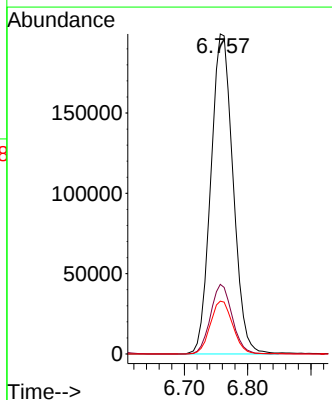
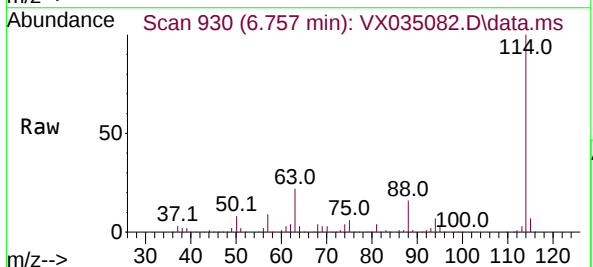
Instrument :
 MSVOA_X
 ClientSampleId :
 1611

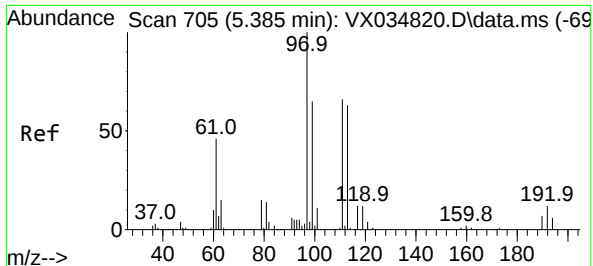
Tgt Ion: 65 Resp: 186713
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035082.D
 Acq: 14 Apr 2023 14:46

Tgt Ion: 114 Resp: 484860
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.2
 88 16.5 0.0 33.2

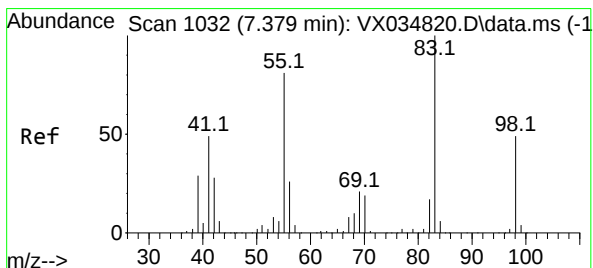
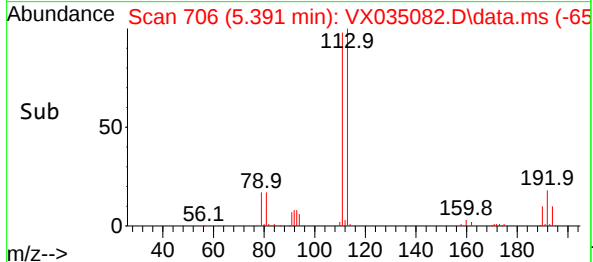
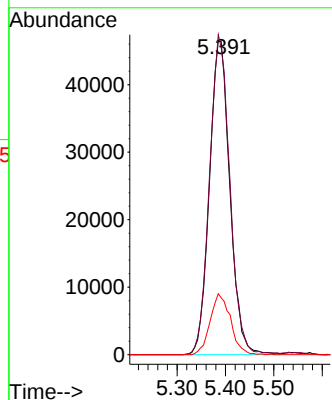
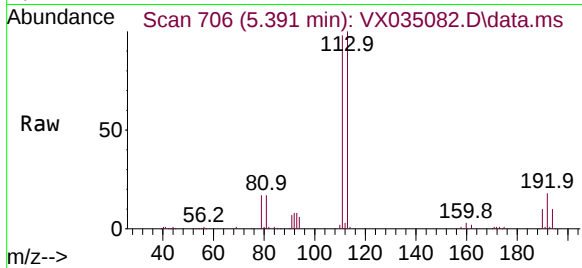




#35
Dibromofluoromethane
Concen: 42.543 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

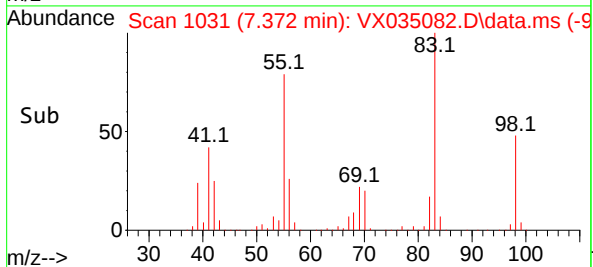
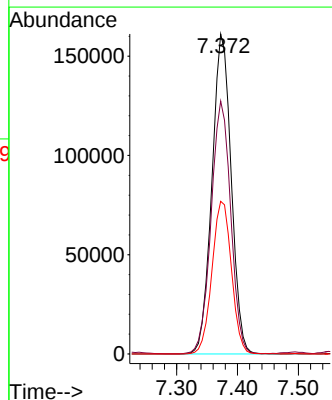
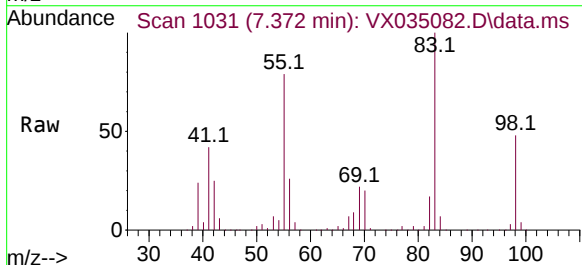
Instrument :
MSVOA_X
ClientSampleId :
1611

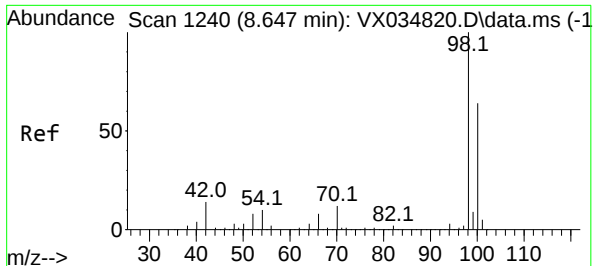
Tgt Ion:113 Resp: 136434
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 19.3 15.4 23.2



#39
Methylcyclohexane
Concen: 70.157 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion: 83 Resp: 353961
Ion Ratio Lower Upper
83 100
55 79.0 60.5 90.7
98 47.7 40.4 60.6

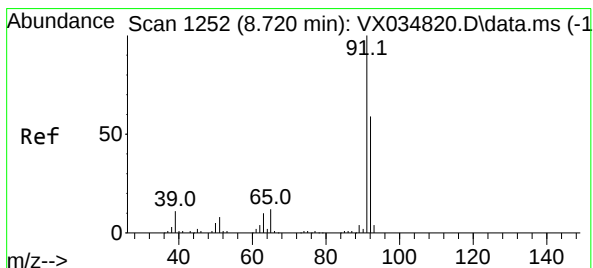
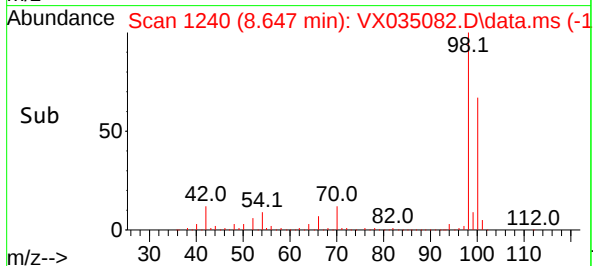
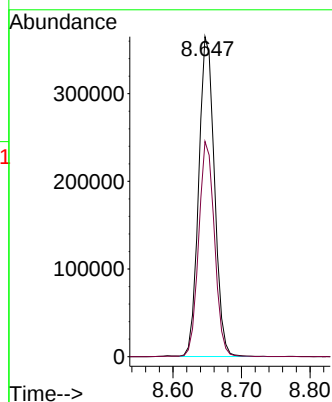
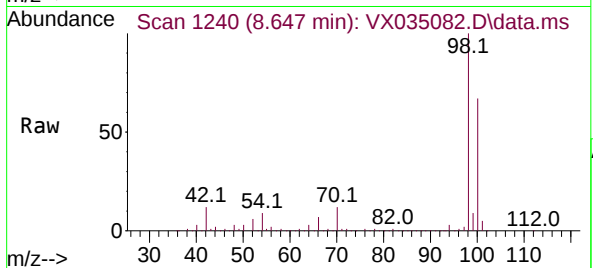




#50
Toluene-d8
Concen: 49.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

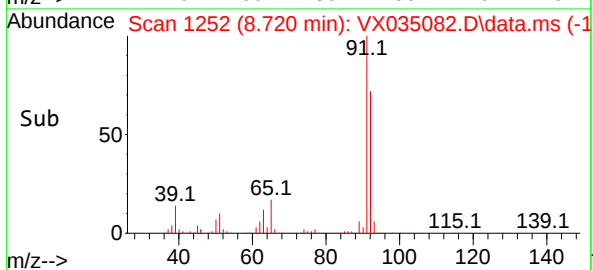
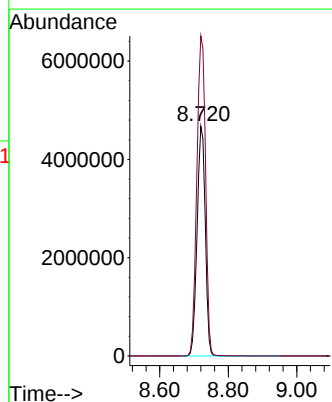
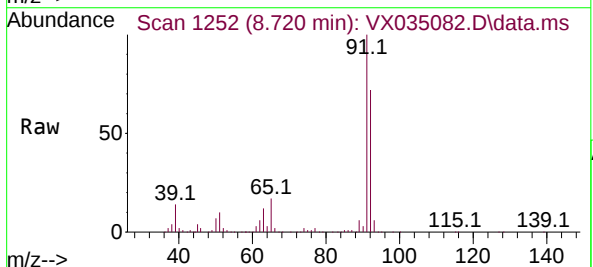
Instrument :
MSVOA_X
ClientSampleId :
1611

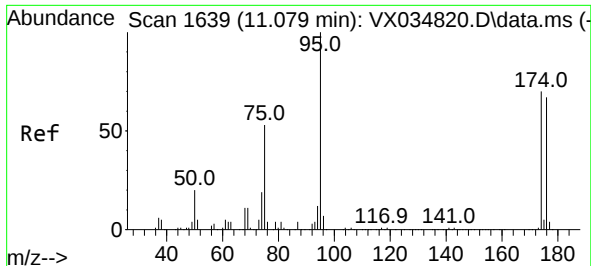
Tgt Ion: 98 Resp: 583489
Ion Ratio Lower Upper
98 100
100 67.7 52.5 78.7



#52
Toluene
Concen: 872.198 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion: 92 Resp: 7756241
Ion Ratio Lower Upper
92 100
91 148.6 136.8 205.2

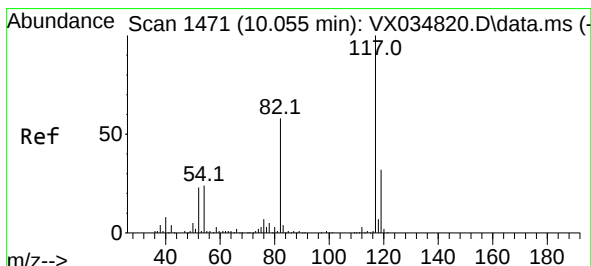
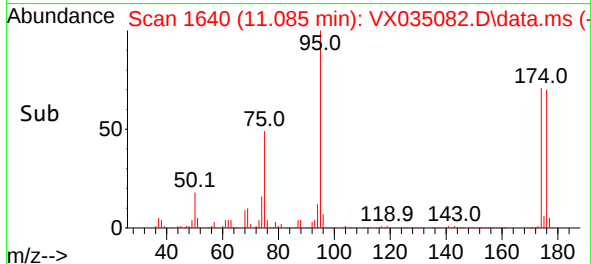
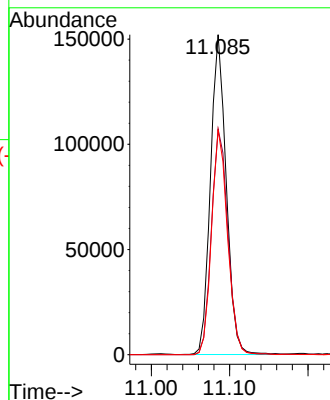
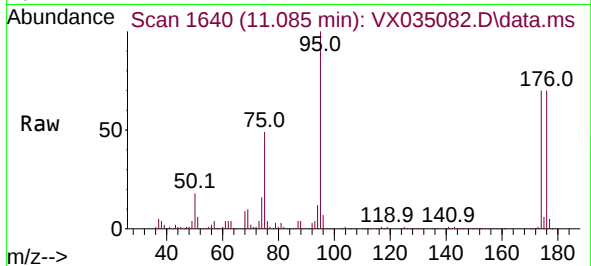




#62
4-Bromofluorobenzene
Concen: 46.313 ug/l
RT: 11.085 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

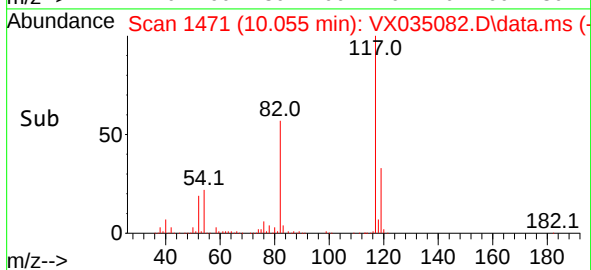
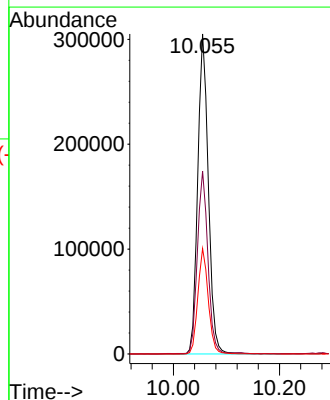
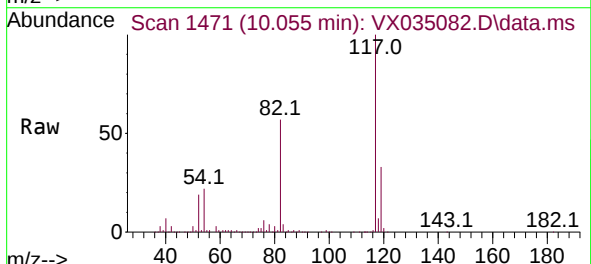
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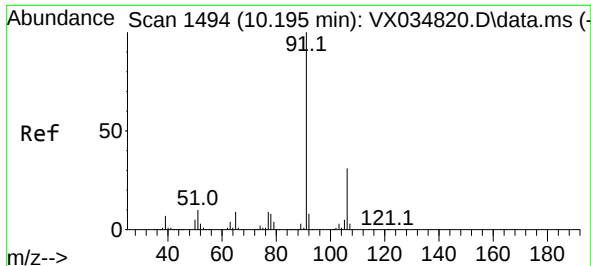
Tgt Ion: 95 Resp: 212143
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 71.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion:117 Resp: 423868
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.9 26.0 39.0

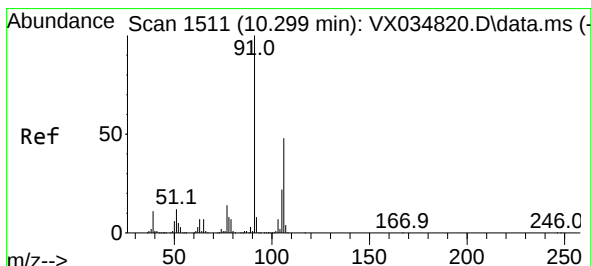
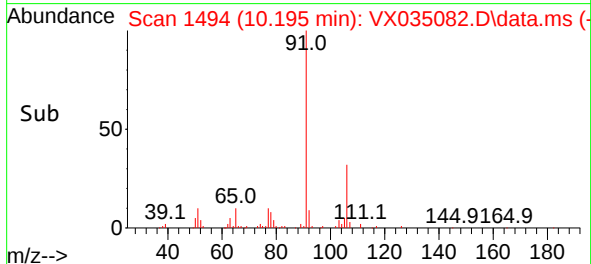
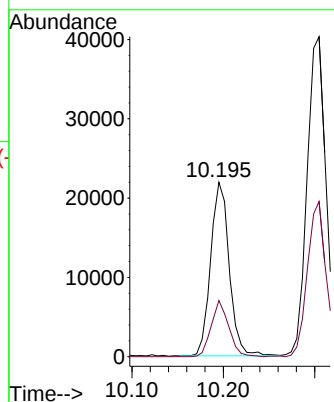
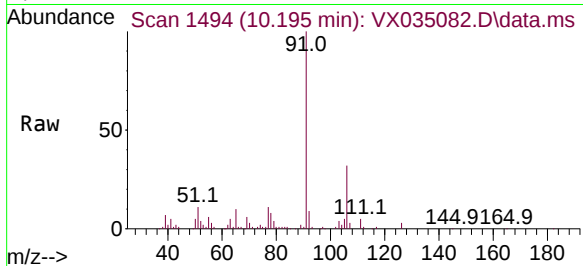




#67
Ethyl Benzene
Concen: 1.938 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

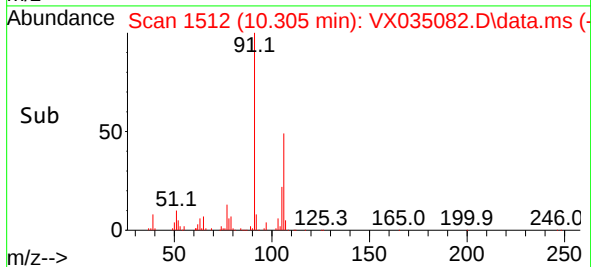
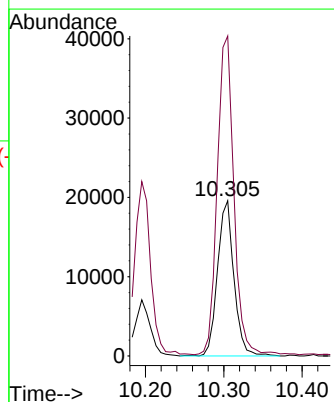
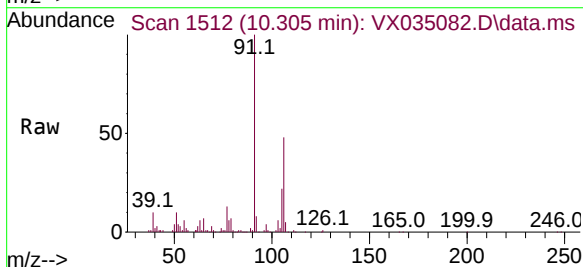
Instrument :
MSVOA_X
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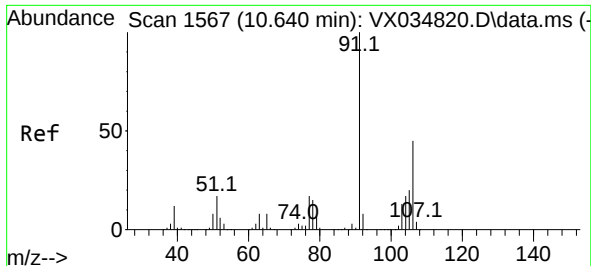
Tgt Ion: 91 Resp: 30955
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4



#68
m/p-Xylenes
Concen: 4.680 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion: 106 Resp: 28561
Ion Ratio Lower Upper
106 100
91 207.8 164.0 246.0

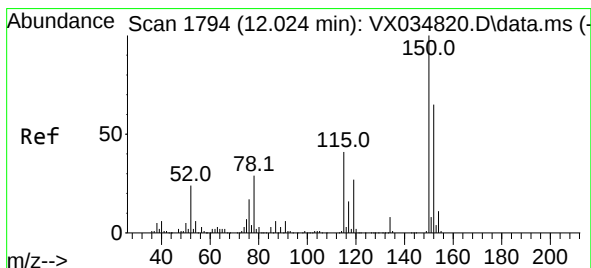
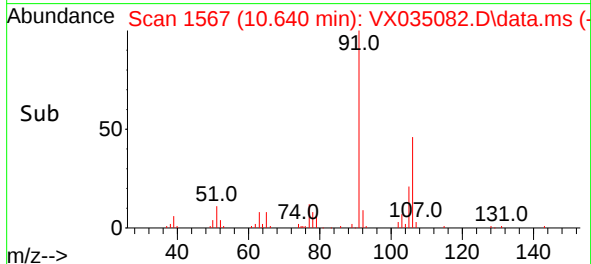
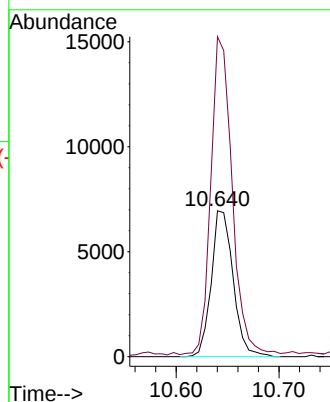
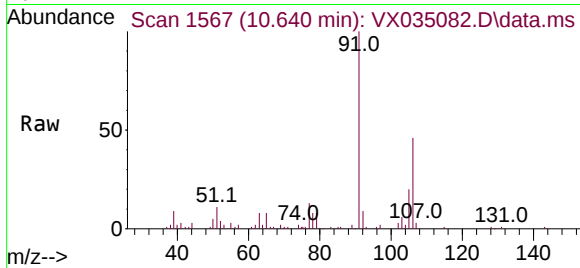




#69
o-Xylene
Concen: 1.716 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

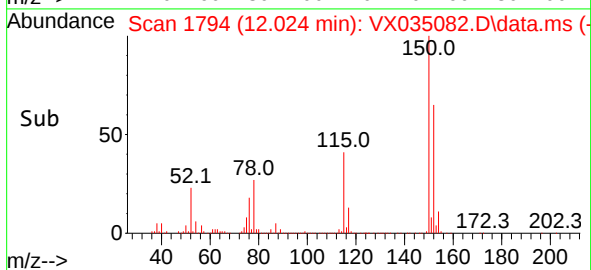
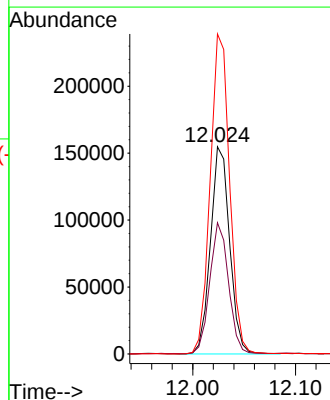
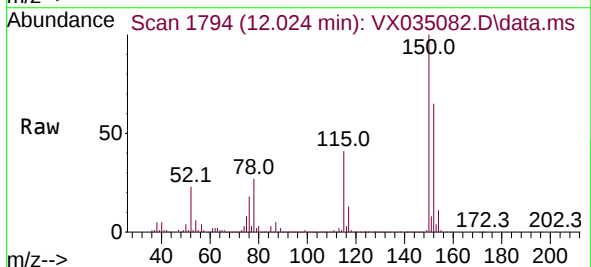
Instrument :
MSVOA_X
ClientSampleId :
1611

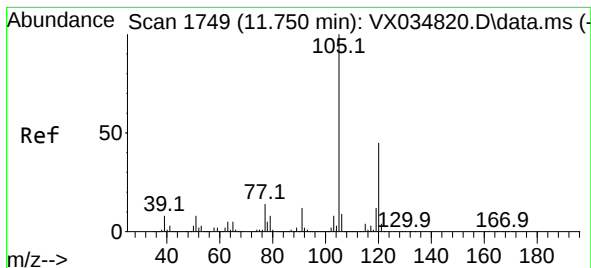
Tgt Ion:106 Resp: 10260
Ion Ratio Lower Upper
106 100
91 211.8 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035082.D
Acq: 14 Apr 2023 14:46

Tgt Ion:152 Resp: 200602
Ion Ratio Lower Upper
152 100
115 61.5 45.0 135.0
150 156.2 0.0 352.4





#84

1,2,4-Trimethylbenzene

Concen: 1.120 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035082.D

Acq: 14 Apr 2023 14:46

Instrument :

MSVOA_X

ClientSampleId :

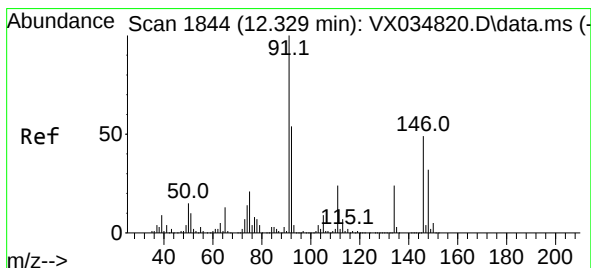
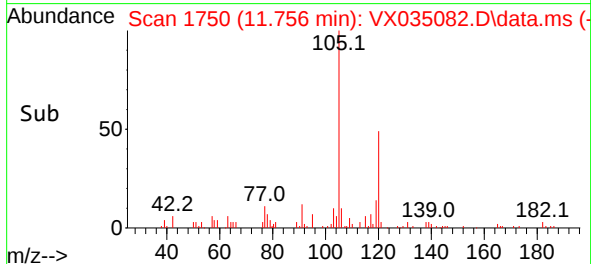
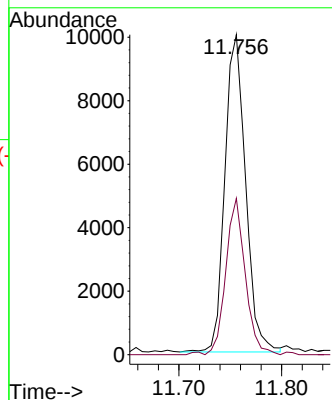
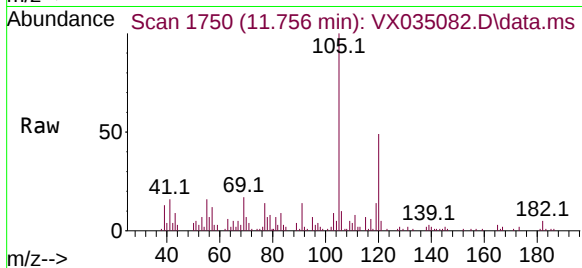
1611

Tgt Ion:105 Resp: 13990

Ion Ratio Lower Upper

105 100

120 46.4 22.4 67.0



#89

n-Butylbenzene

Concen: 1.002 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX035082.D

Acq: 14 Apr 2023 14:46

Tgt Ion: 91 Resp: 10247

Ion Ratio Lower Upper

91 100

92 39.3 27.7 83.0

134 92.3 13.0 38.9#

