

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024112.D
 Acq On : 03 Sep 2021 19:01
 Operator : JC/MD
 Sample : M3646-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 99-01

Quant Time: Sep 04 01:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

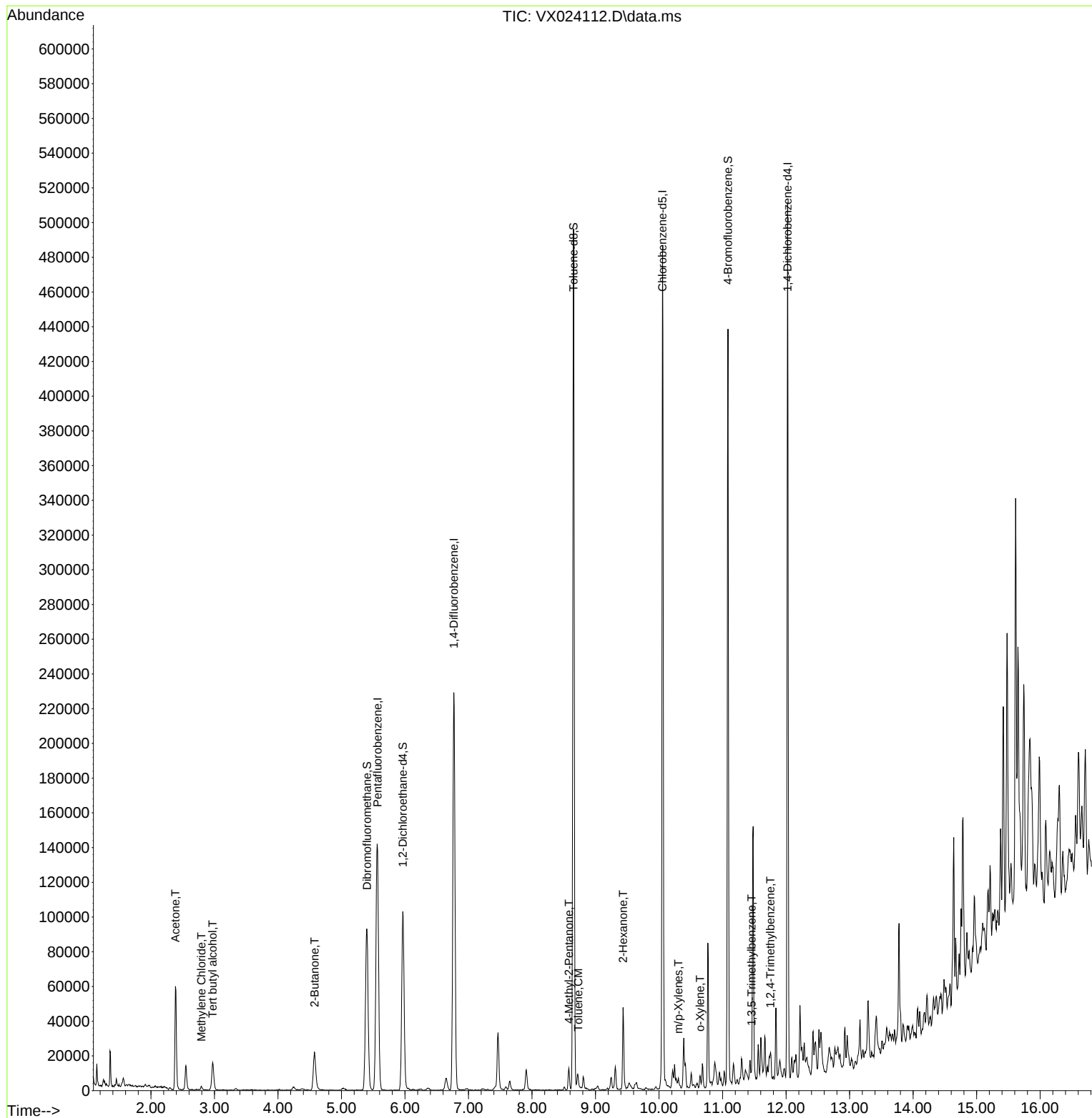
Internal Standards						
1) Pentafluorobenzene	5.568	168	135771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103116	54.417	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.840%			
35) Dibromofluoromethane	5.403	113	78950	52.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.653	98	281696	49.235	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	105014	49.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	17241	44.990	ug/l	97
16) Acetone	2.386	43	63007	74.364	ug/l	88
20) Methylene Chloride	2.794	84	932	0.576	ug/l #	92
25) 2-Butanone	4.574	43	35632	27.765	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	7707	2.948	ug/l	88
52) Toluene	8.726	92	1133	0.281	ug/l #	75
59) 2-Hexanone	9.433	43	24581	12.233	ug/l	84
68) m/p-Xylenes	10.305	106	1136	0.391	ug/l	96
69) o-Xylene	10.646	106	1261	0.442	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	1801	0.296	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	3273	0.540	ug/l	98

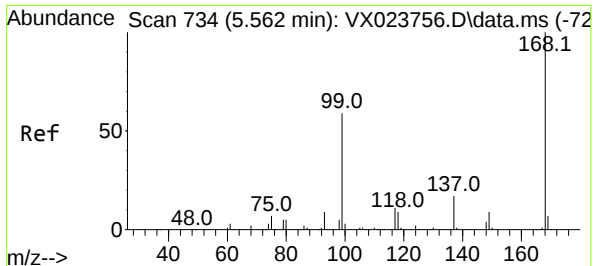
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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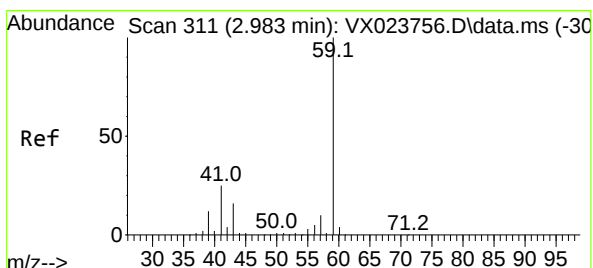
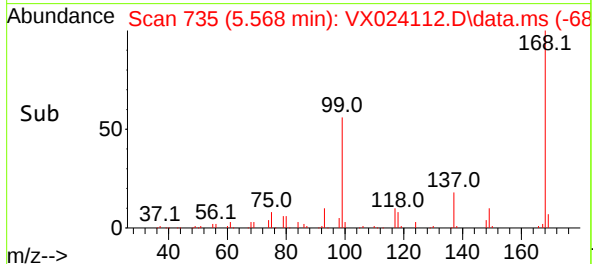
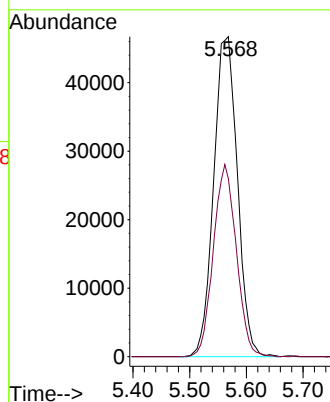
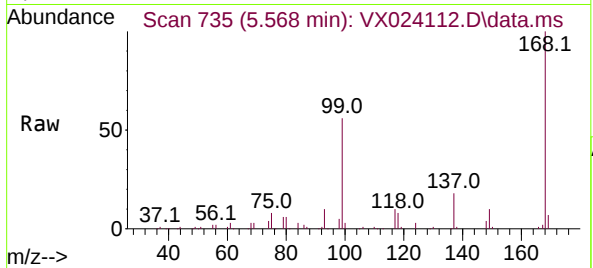




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

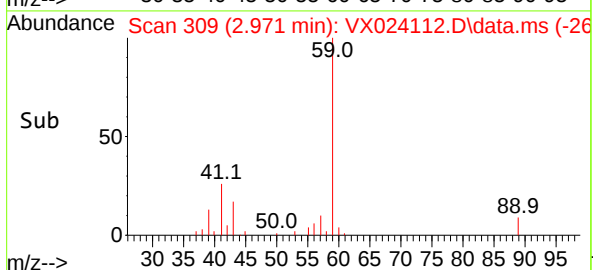
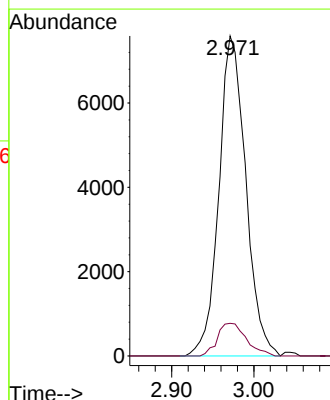
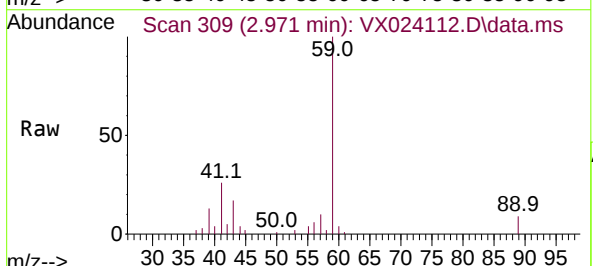
Instrument :
MSVOA_X
ClientSampleId :
99-01

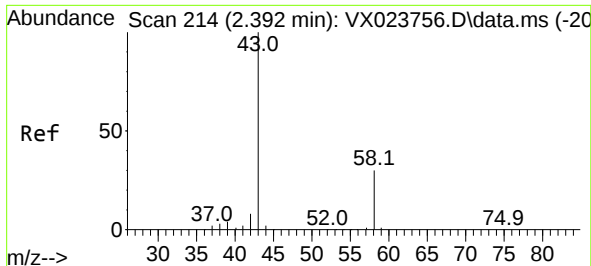
Tgt Ion:168 Resp: 135771
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 44.990 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion: 59 Resp: 17241
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.8

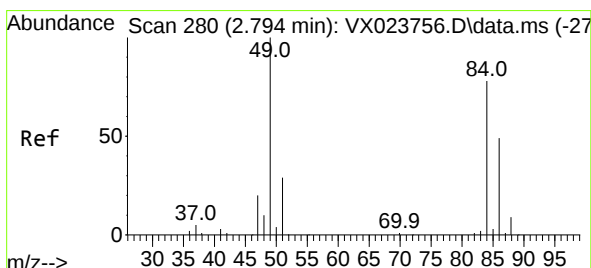
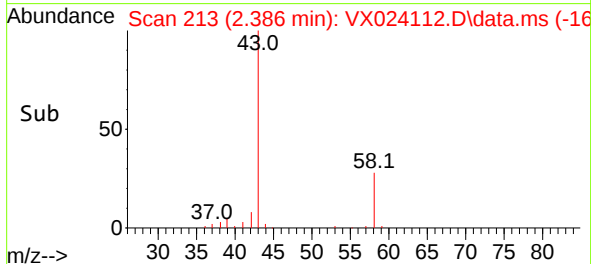
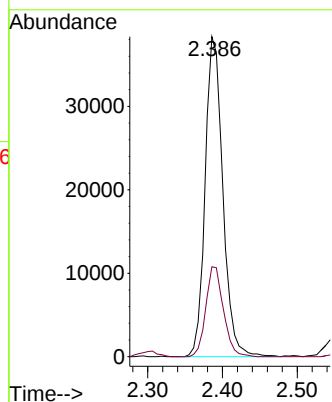
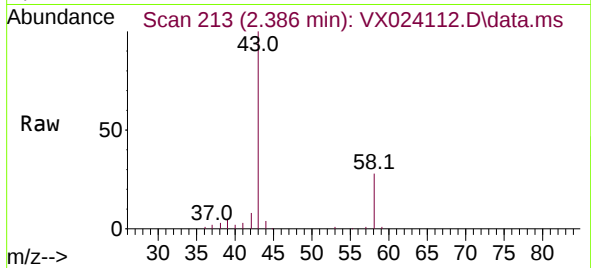




#16
Acetone
Concen: 74.364 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

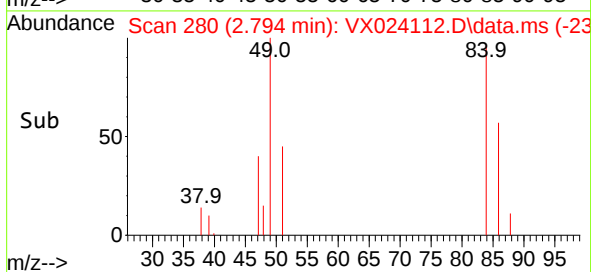
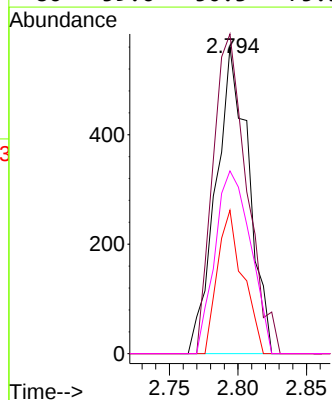
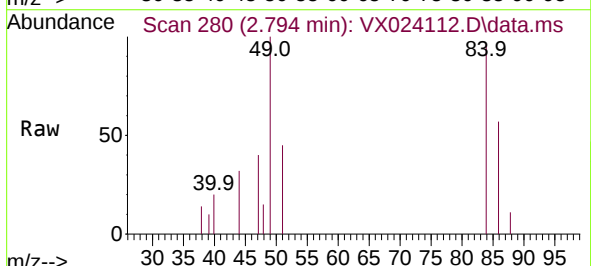
Instrument :
MSVOA_X
ClientSampled :
99-01

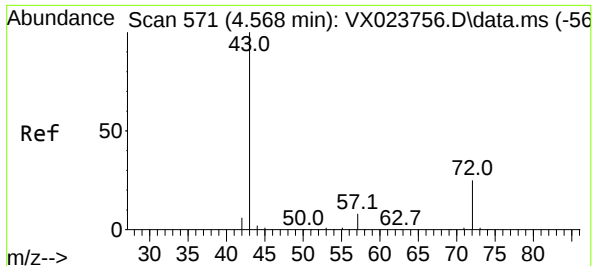
Tgt Ion: 43 Resp: 63007
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.576 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
49 104.3 88.6 132.8
51 46.8 27.0 40.6#
86 59.6 50.3 75.5

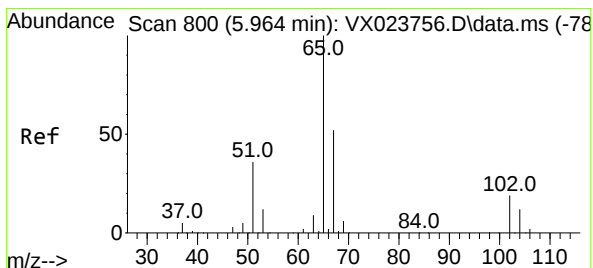
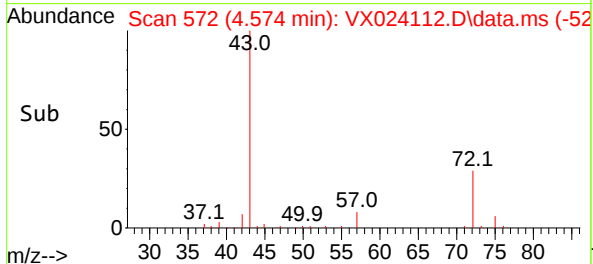
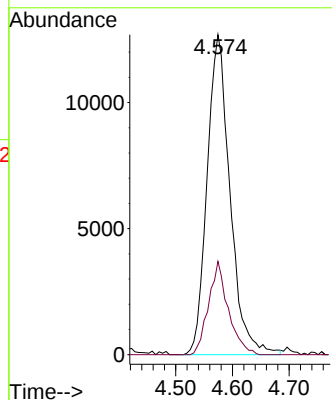
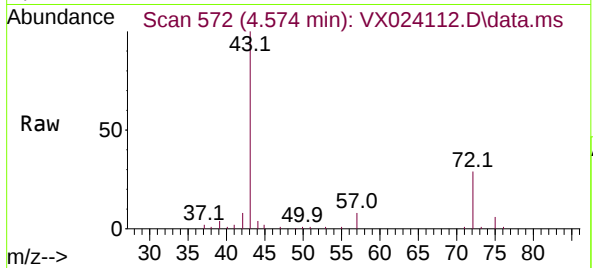




#25
2-Butanone
Concen: 27.765 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

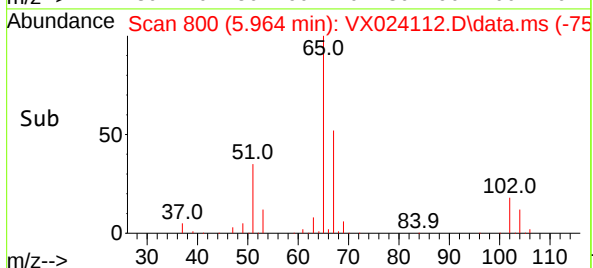
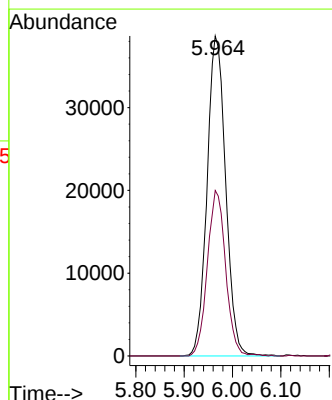
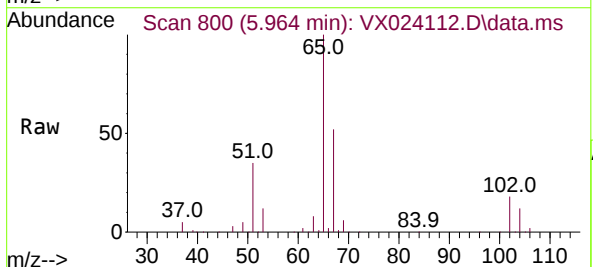
Instrument :
MSVOA_X
ClientSampled :
99-01

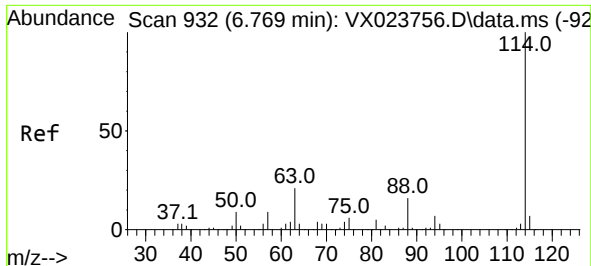
Tgt Ion: 43 Resp: 35632
Ion Ratio Lower Upper
43 100
72 29.2 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 54.417 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion: 65 Resp: 103116
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

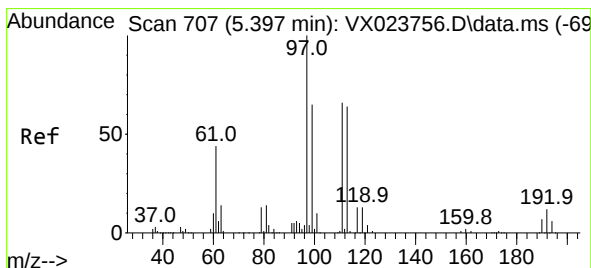
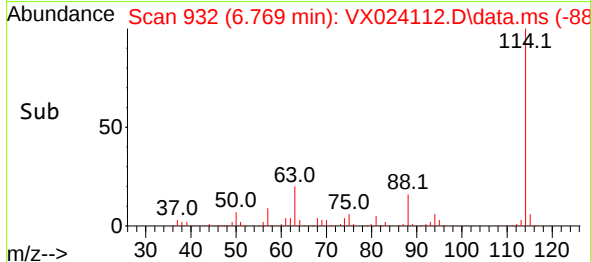
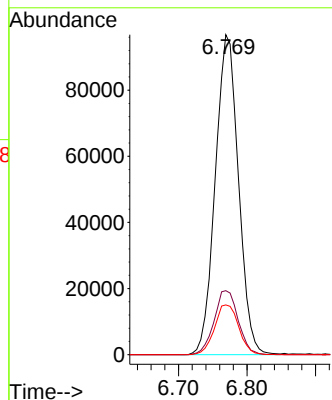
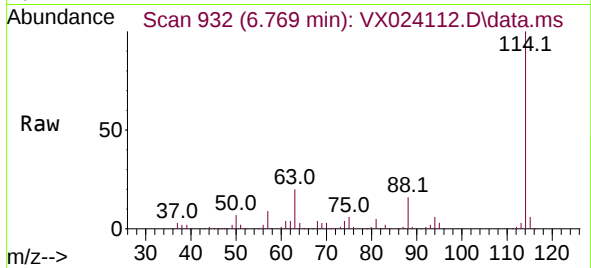




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

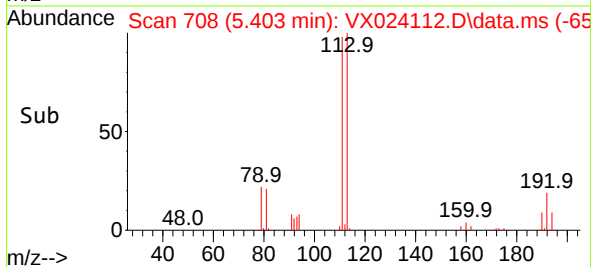
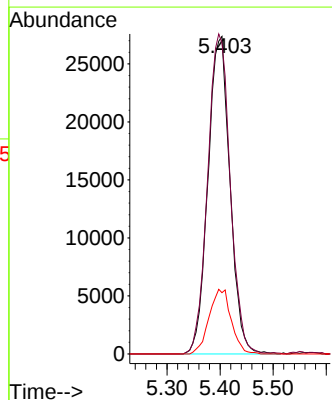
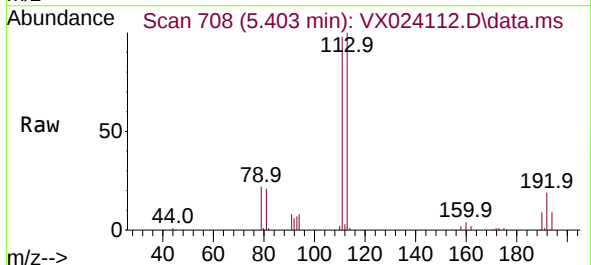
Instrument :
MSVOA_X
ClientSampled :
99-01

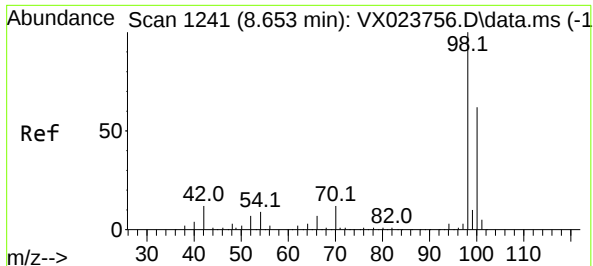
Tgt Ion:114 Resp: 227121
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.519 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion:113 Resp: 78950
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.5 16.7 25.1





#50

Toluene-d8

Concen: 49.235 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024112.D

Acq: 03 Sep 2021 19:01

Instrument :

MSVOA_X

ClientSampleId :

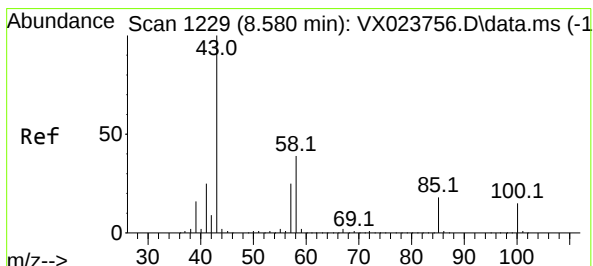
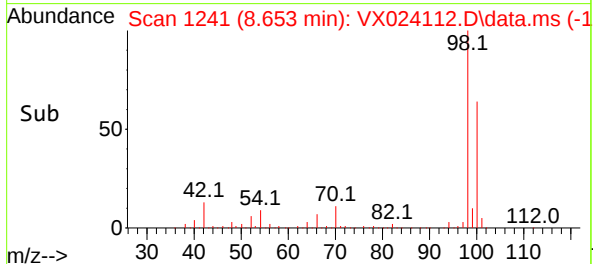
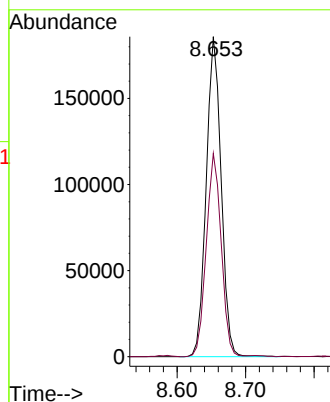
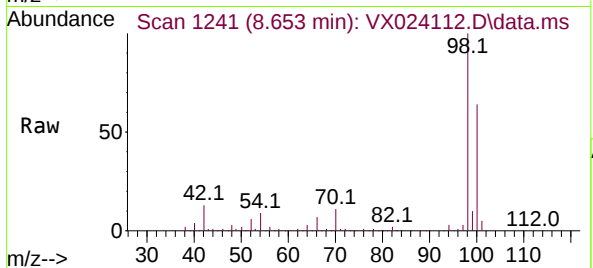
99-01

Tgt Ion: 98 Resp: 281696

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 2.948 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX024112.D

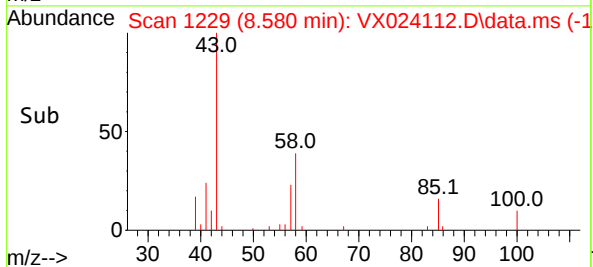
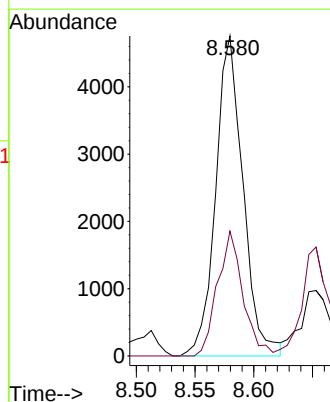
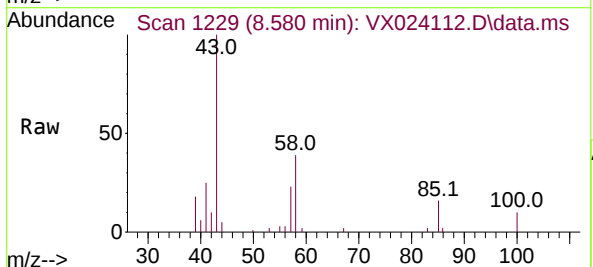
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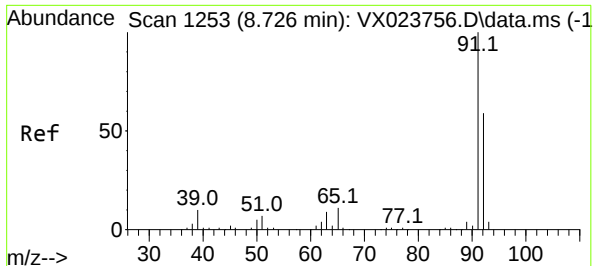
Tgt Ion: 43 Resp: 7707

Ion Ratio Lower Upper

43 100

58 36.3 35.4 53.0

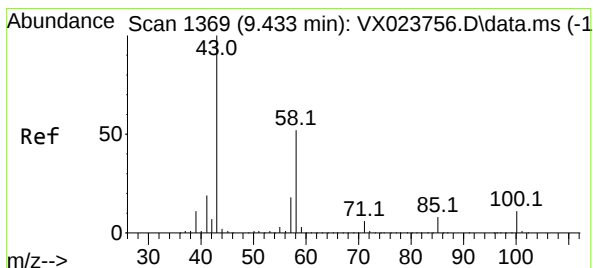
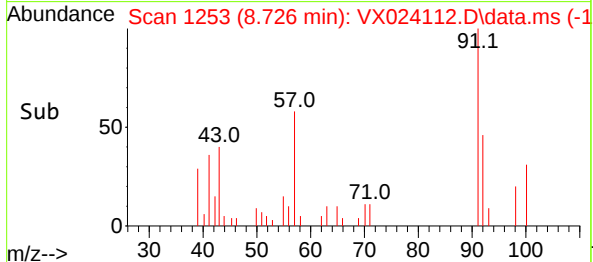
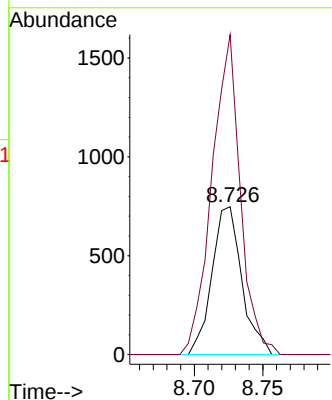
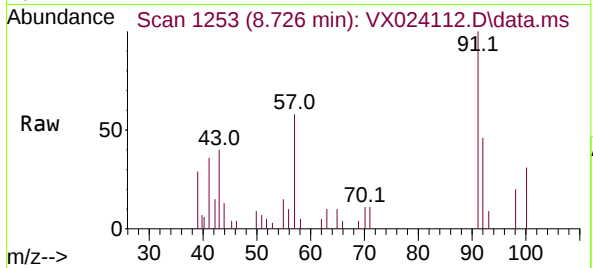




#52
Toluene
Concen: 0.281 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

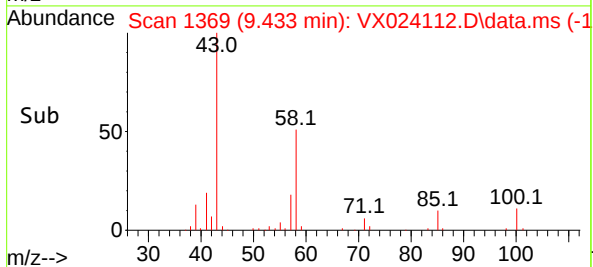
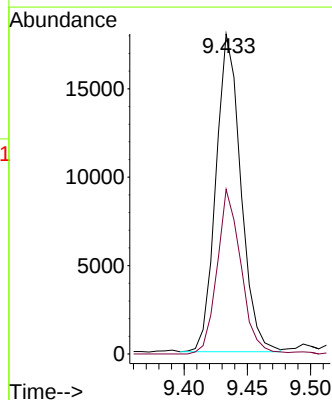
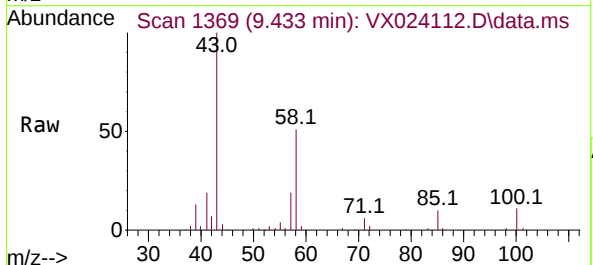
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99-01

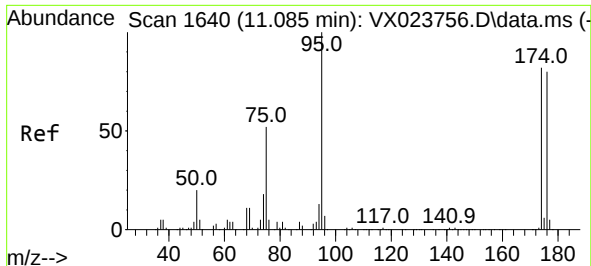
Tgt Ion: 92 Resp: 1133
Ion Ratio Lower Upper
92 100
91 206.2 137.1 205.7#



#59
2-Hexanone
Concen: 12.233 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion: 43 Resp: 24581
Ion Ratio Lower Upper
43 100
58 49.6 30.9 92.8

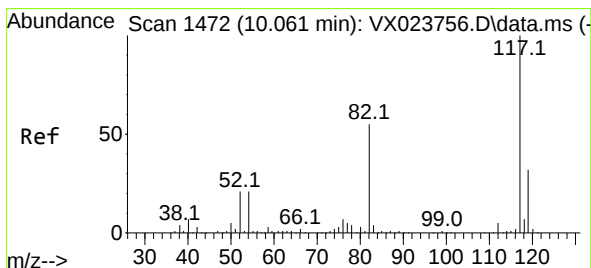
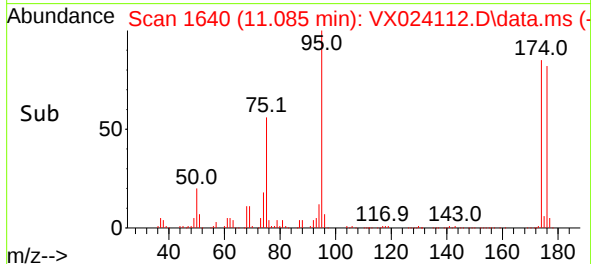
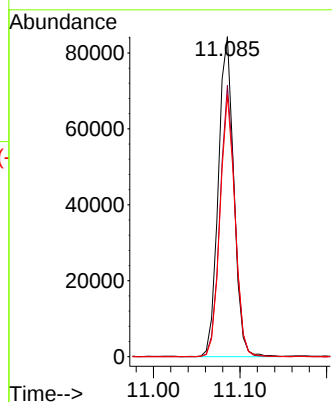
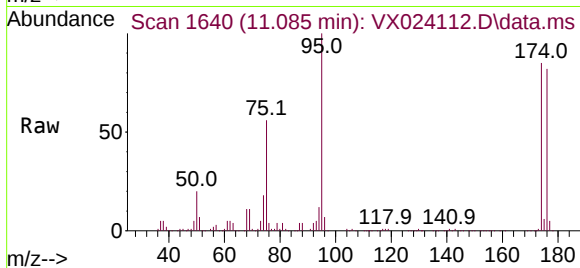




#62
4-Bromofluorobenzene
Concen: 49.859 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

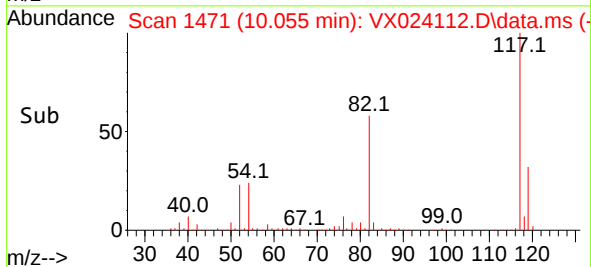
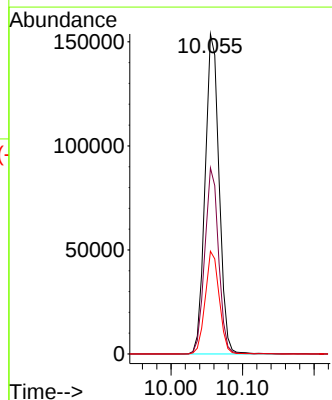
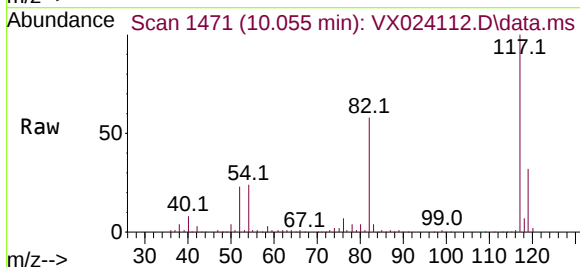
Instrument :
MSVOA_X
ClientSampleId :
99-01

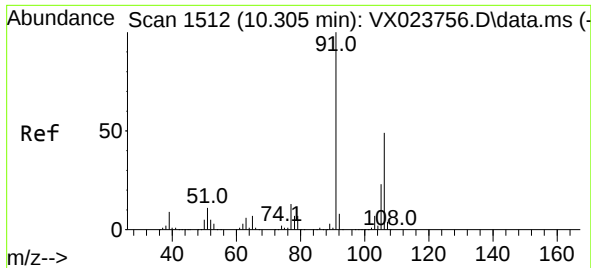
Tgt Ion: 95 Resp: 105014
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion: 117 Resp: 209130
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.1 26.6 39.8

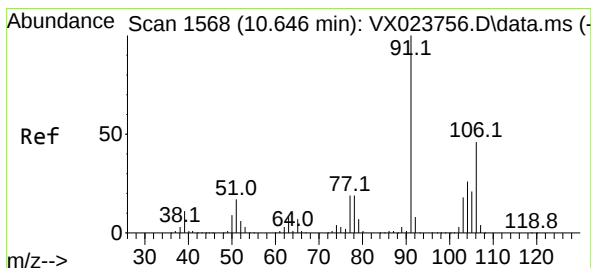
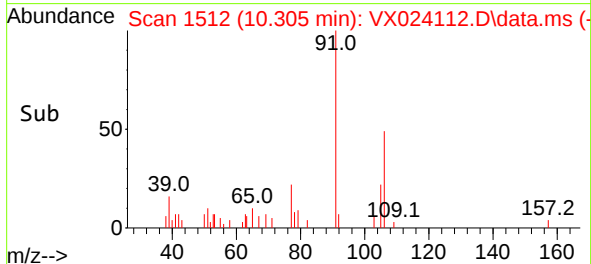
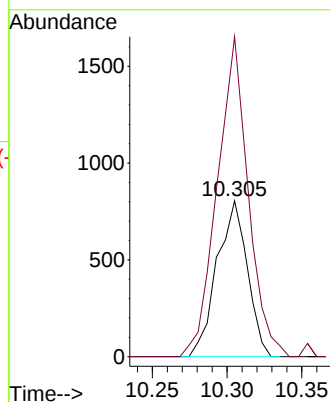
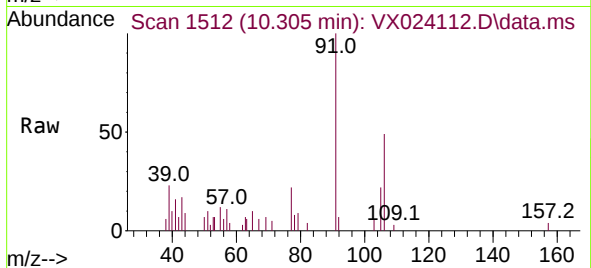




#68
m/p-Xylenes
Concen: 0.391 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

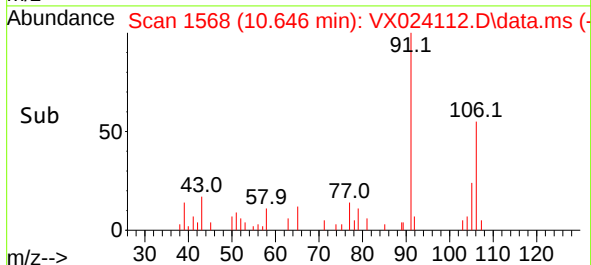
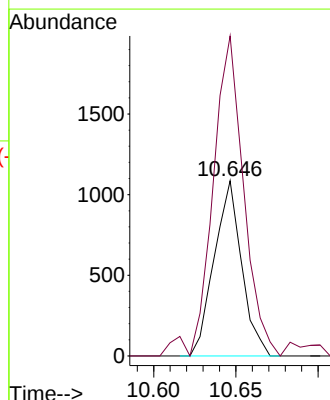
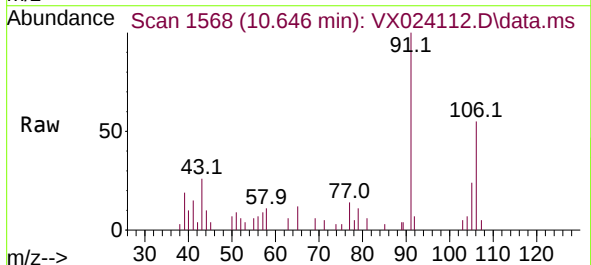
Instrument :
MSVOA_X
ClientSampleId :
99-01

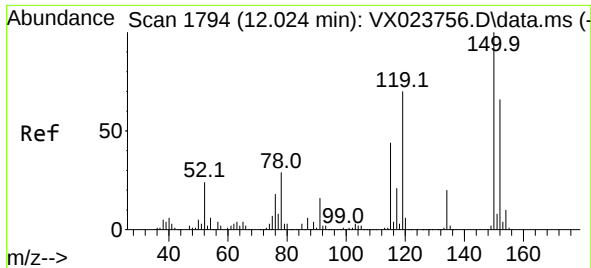
Tgt Ion:106 Resp: 1136
Ion Ratio Lower Upper
106 100
91 209.3 162.8 244.2



#69
o-Xylene
Concen: 0.442 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024112.D
Acq: 03 Sep 2021 19:01

Tgt Ion:106 Resp: 1261
Ion Ratio Lower Upper
106 100
91 205.8 108.1 324.2

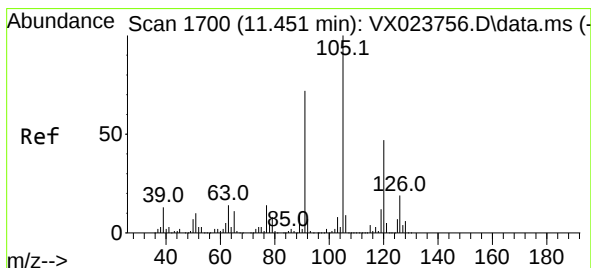
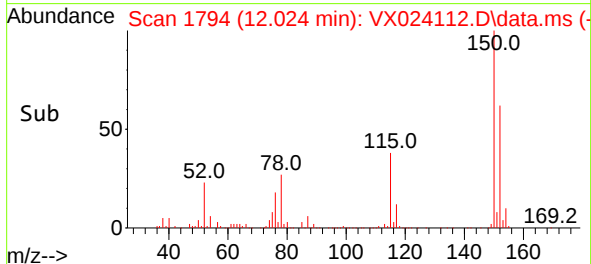
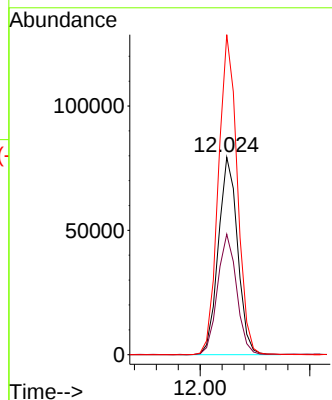
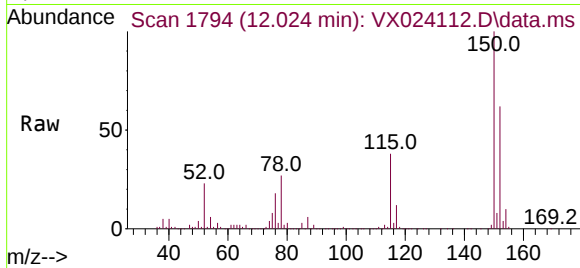




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024112.D
 Acq: 03 Sep 2021 19:01

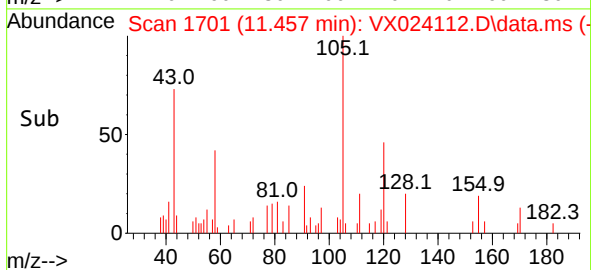
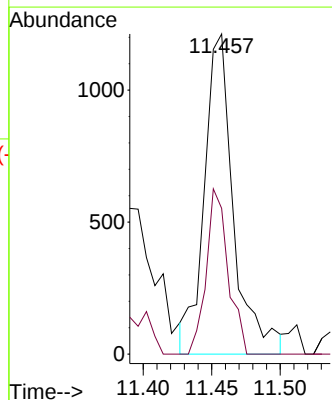
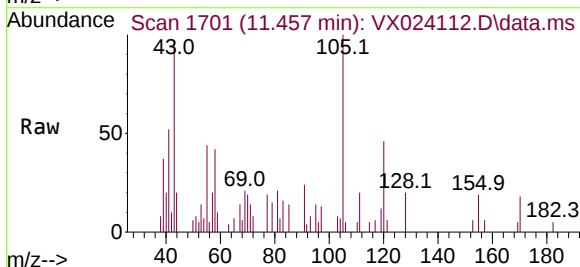
Instrument :
 MSVOA_X
 ClientSampled :
 99-01

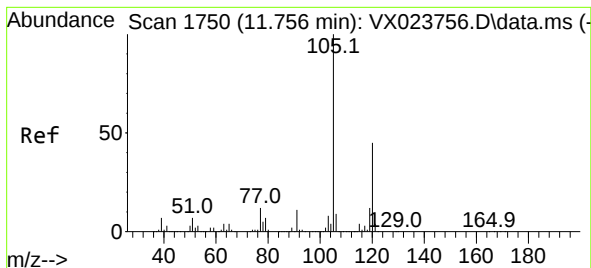
Tgt Ion:152 Resp: 96957
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 159.0 0.0 349.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.296 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX024112.D
 Acq: 03 Sep 2021 19:01

Tgt Ion:105 Resp: 1801
 Ion Ratio Lower Upper
 105 100
 120 38.5 23.8 71.5





#84

1,2,4-Trimethylbenzene

Concen: 0.540 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX024112.D

Acq: 03 Sep 2021 19:01

Tgt Ion:105 Resp: 3273

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.3

Instrument :

MSVOA_X

ClientSampleId :

99-01

