

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025312.D
 Acq On : 24 Nov 2021 06:14
 Operator : JC/MD
 Sample : M4802-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RRT-01

Quant Time: Nov 24 09:56:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

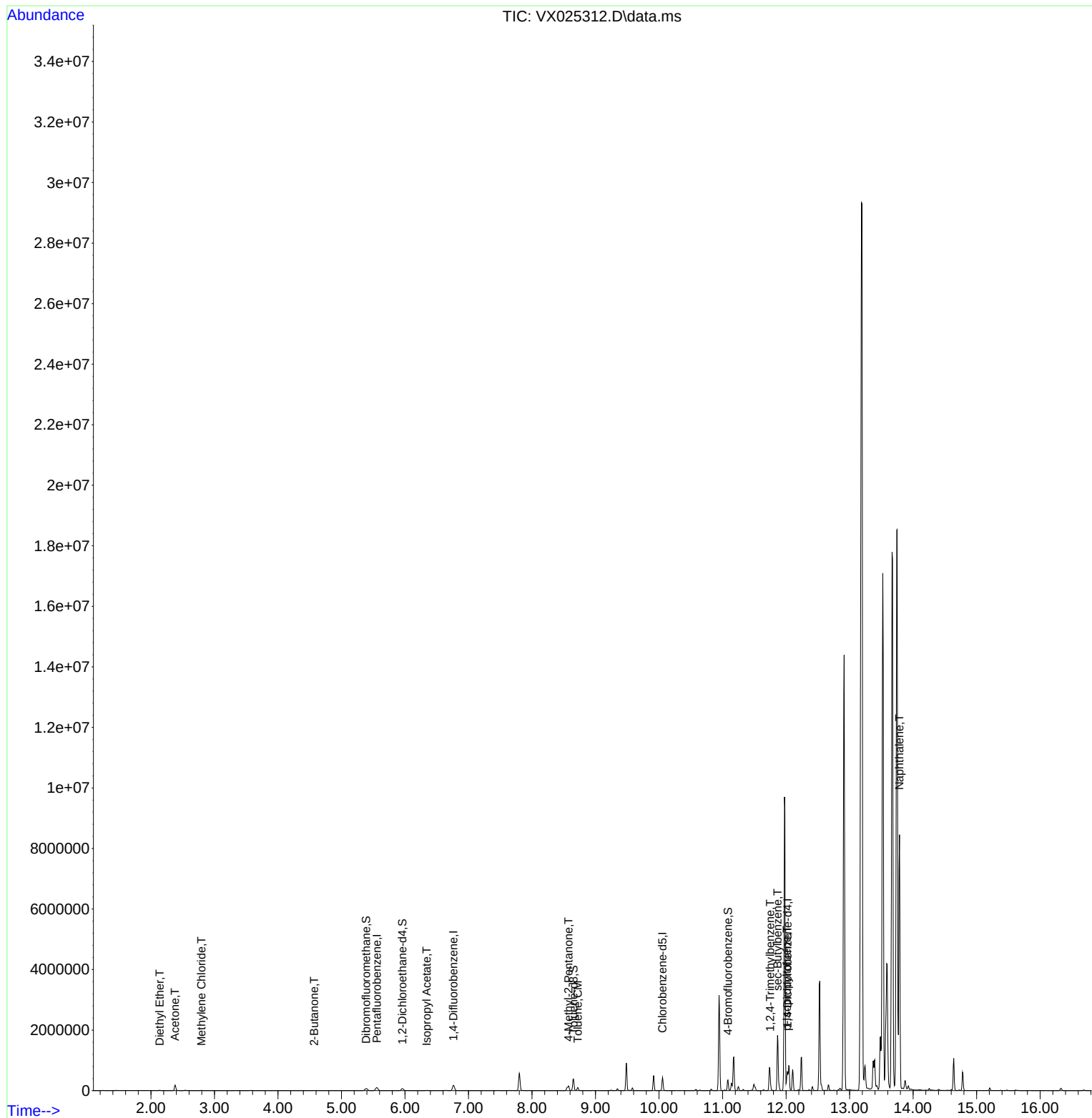
Internal Standards						
1) Pentafluorobenzene	5.556	168	104876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64339	58.201	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.400%	
35) Dibromofluoromethane	5.385	113	61956	52.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	8.653	98	233978	52.510	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	11.085	95	95153	56.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.900%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.136	74	4285	5.660	ug/l	99
16) Acetone	2.380	43	191759	312.177	ug/l	95
20) Methylene Chloride	2.794	84	4819	4.173	ug/l	93
25) 2-Butanone	4.568	43	5154	5.803	ug/l	93
43) Isopropyl Acetate	6.342	43	10976	3.440	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	113127	56.540	ug/l	88
52) Toluene	8.720	92	39624	11.889	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	24464	3.918	ug/l	73
85) sec-Butylbenzene	11.866	105	75473	9.670	ug/l	84
86) p-Isopropyltoluene	12.012	119	129962	19.380	ug/l #	75
95) Naphthalene	13.786	128	4940158	699.166	ug/l	96

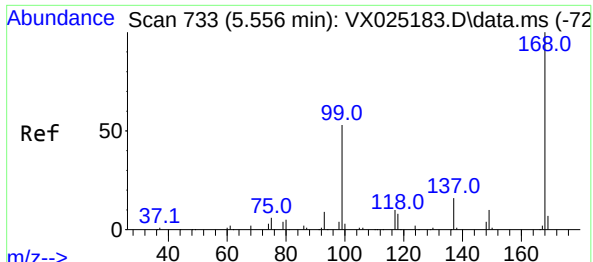
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
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Quant Time: Nov 24 09:56:51 2021
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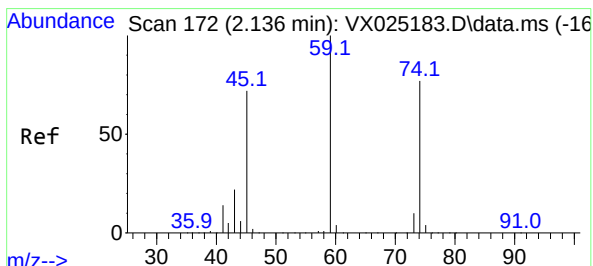
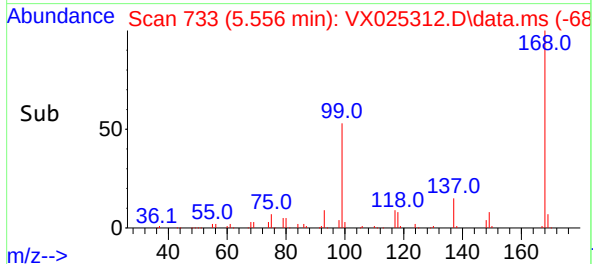
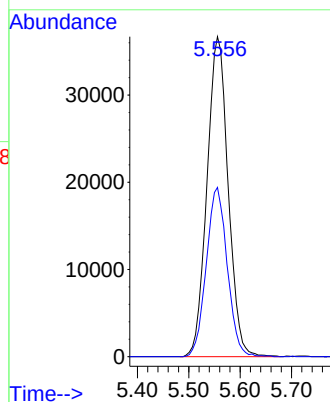
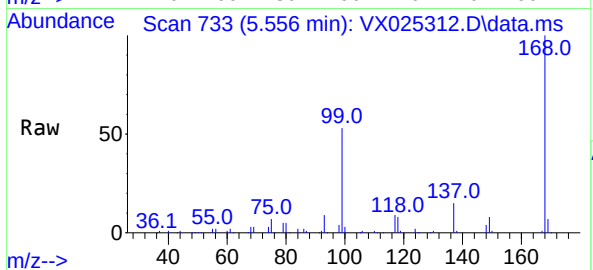




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

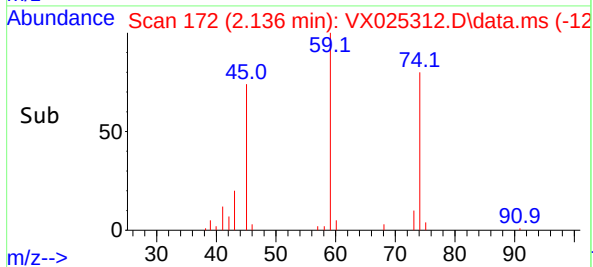
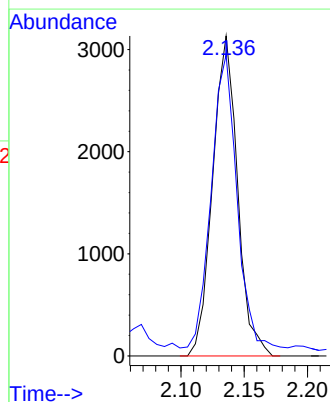
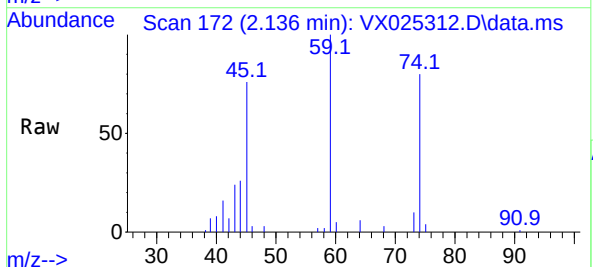
Instrument :
MSVOA_X
ClientSampleId :
RRT-01

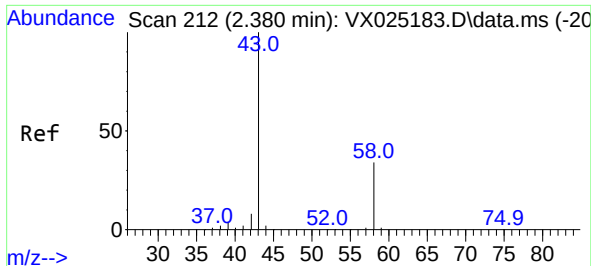
Tgt Ion:168 Resp: 104876
Ion Ratio Lower Upper
168 100
99 52.9 46.4 69.6



#8
Diethyl Ether
Concen: 5.660 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion: 74 Resp: 4285
Ion Ratio Lower Upper
74 100
45 94.6 47.6 142.9

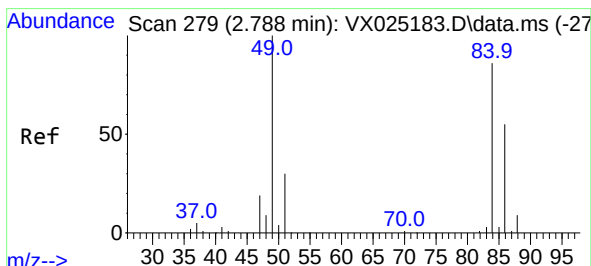
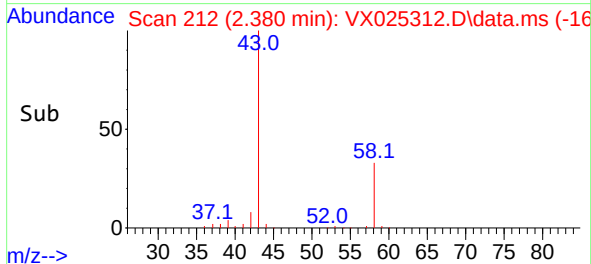
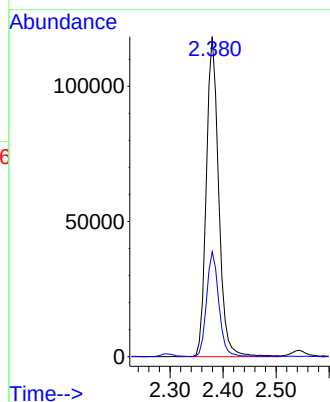
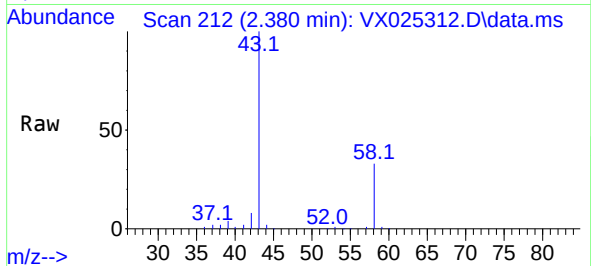




#16
Acetone
Concen: 312.177 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

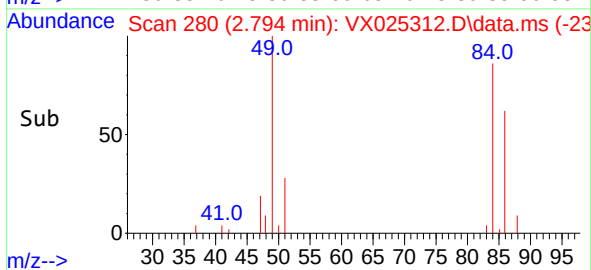
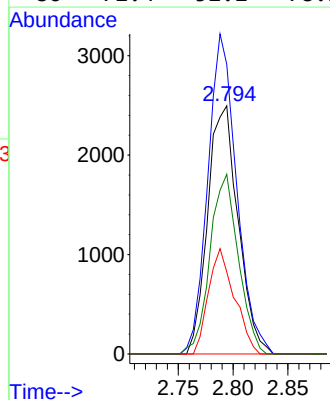
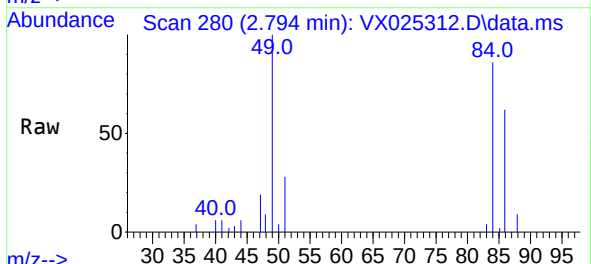
Instrument : MSVOA_X
ClientSampleId : RRT-01

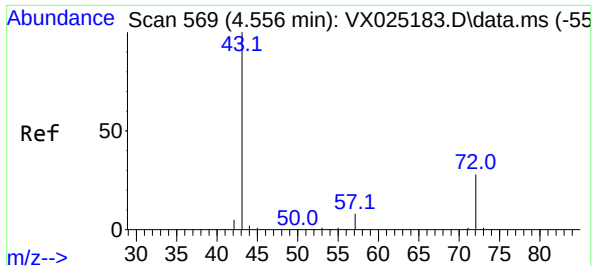
Tgt Ion: 43 Resp: 191759
Ion Ratio Lower Upper
43 100
58 32.7 24.0 36.0



#20
Methylene Chloride
Concen: 4.173 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion: 84 Resp: 4819
Ion Ratio Lower Upper
84 100
49 116.7 98.2 147.2
51 33.1 30.2 45.4
86 72.4 52.2 78.2





#25

2-Butanone

Concen: 5.803 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX025312.D

Acq: 24 Nov 2021 06:14

Instrument :

MSVOA_X

ClientSampleId :

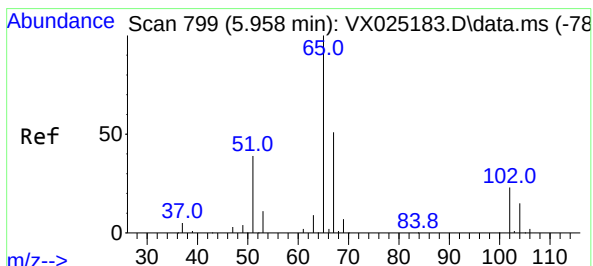
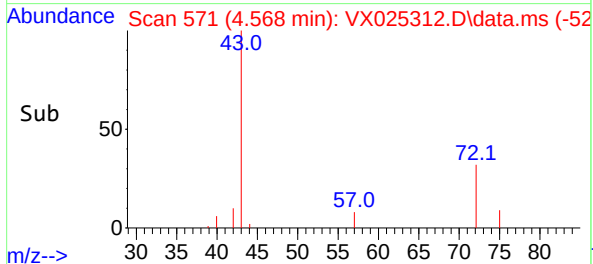
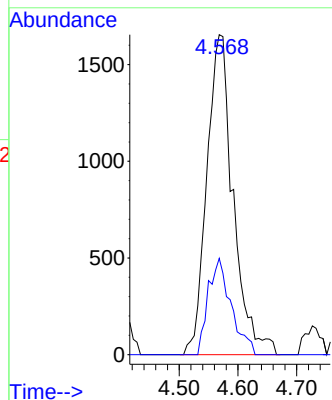
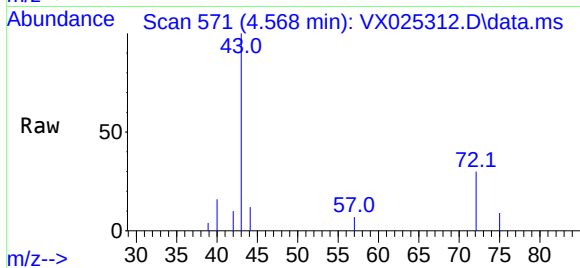
RRT-01

Tgt Ion: 43 Resp: 5154

Ion Ratio Lower Upper

43 100

72 30.1 21.2 31.8



#33

1,2-Dichloroethane-d4

Concen: 58.201 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025312.D

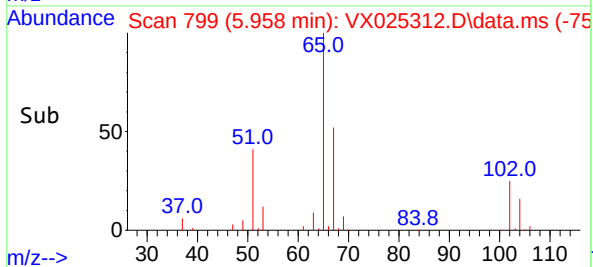
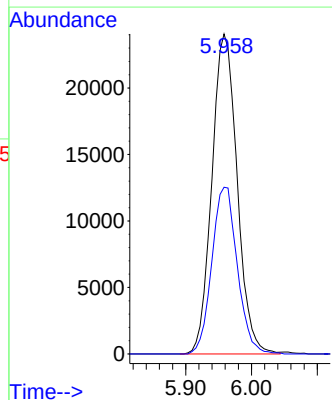
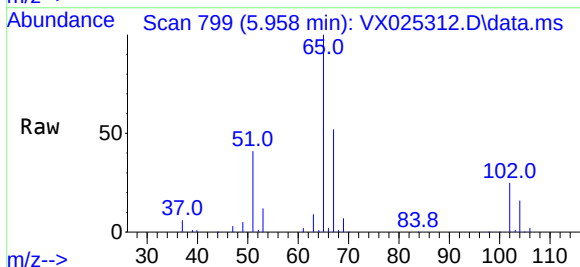
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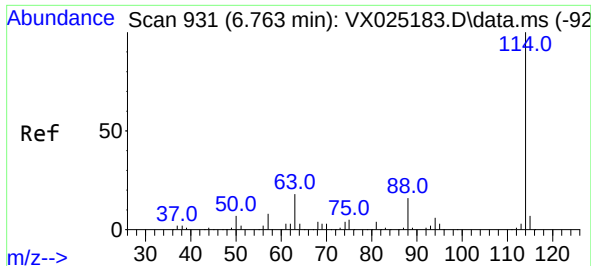
Tgt Ion: 65 Resp: 64339

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0

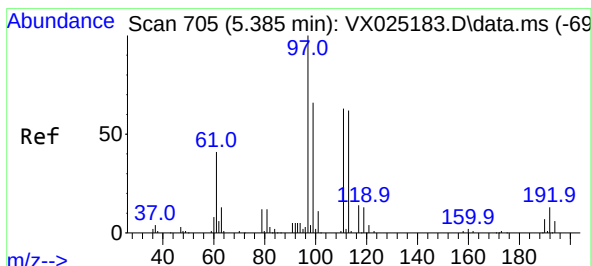
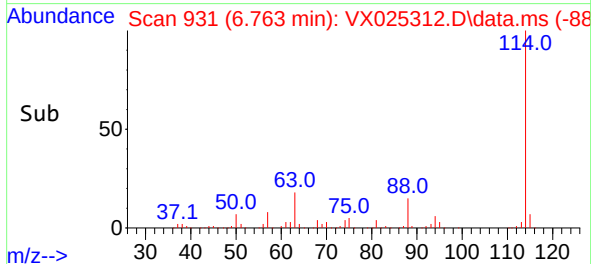
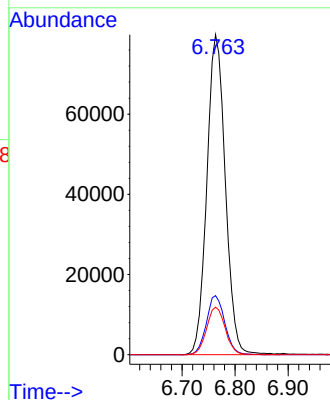
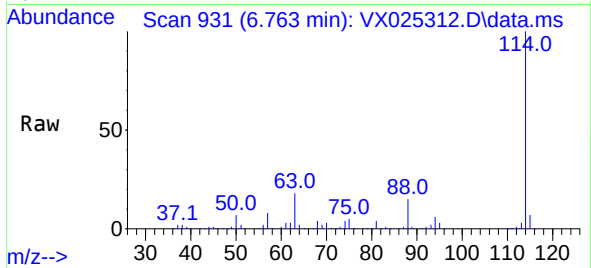




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

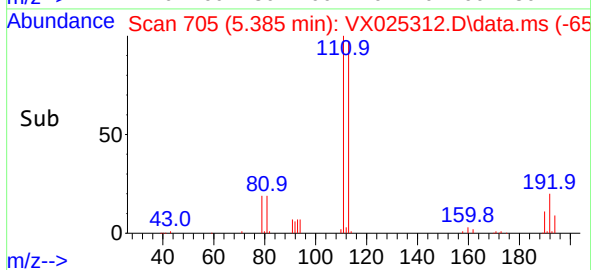
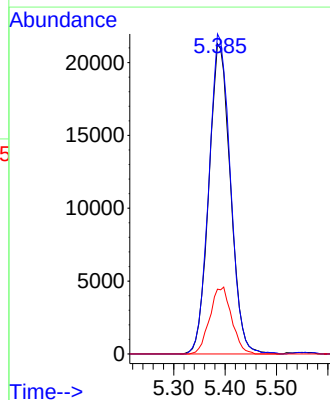
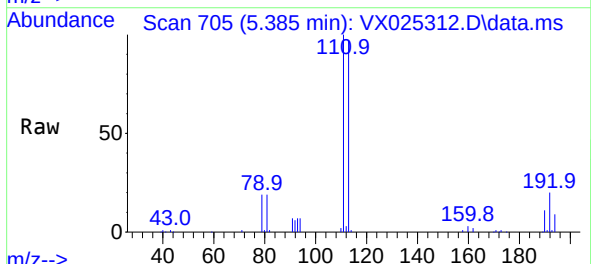
Instrument :
MSVOA_X
ClientSampleId :
RRT-01

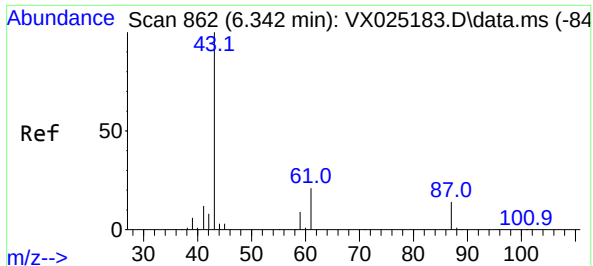
Tgt Ion:114 Resp: 193153
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion:113 Resp: 61956
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.8 15.6 23.4

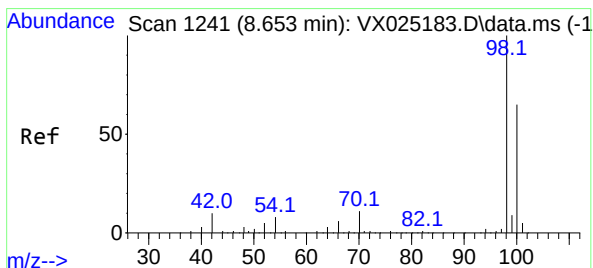
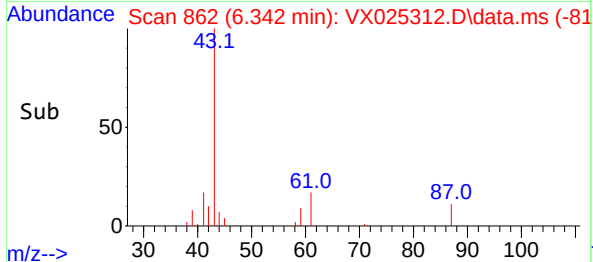
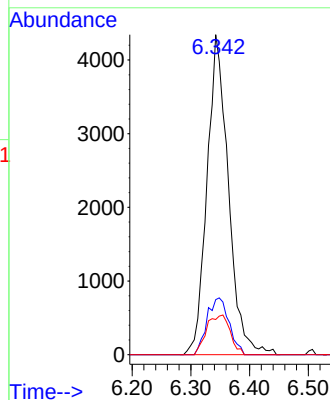
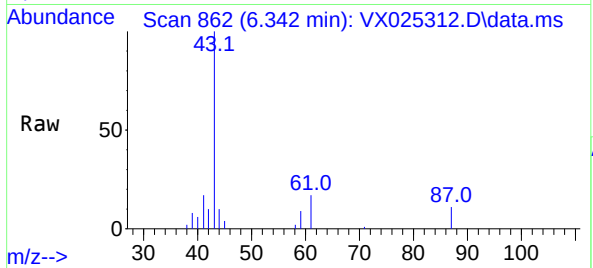




#43
Isopropyl Acetate
Concen: 3.440 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

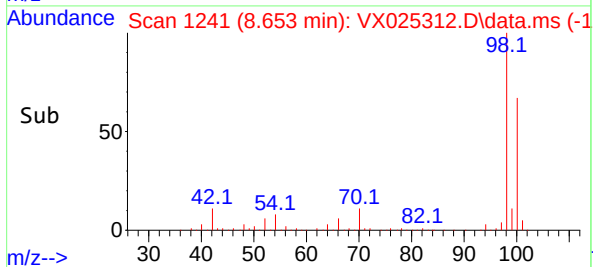
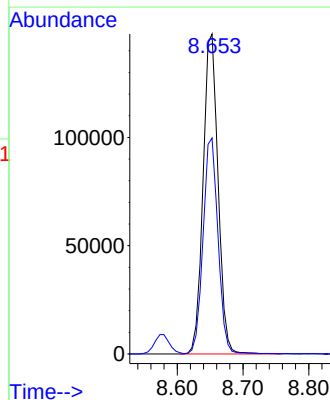
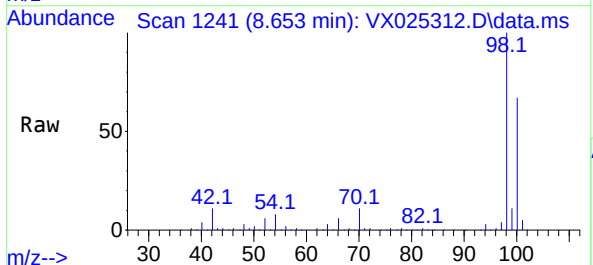
Instrument :
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ClientSampleId :
RRT-01

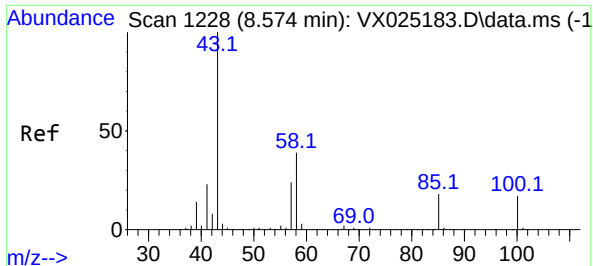
Tgt Ion: 43 Resp: 10976
Ion Ratio Lower Upper
43 100
61 18.2 15.3 22.9
87 13.7 10.9 16.3



#50
Toluene-d8
Concen: 52.510 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion: 98 Resp: 233978
Ion Ratio Lower Upper
98 100
100 67.3 51.4 77.0

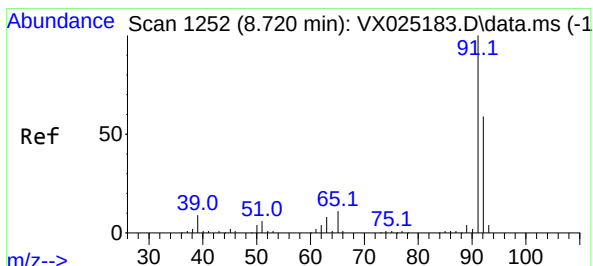
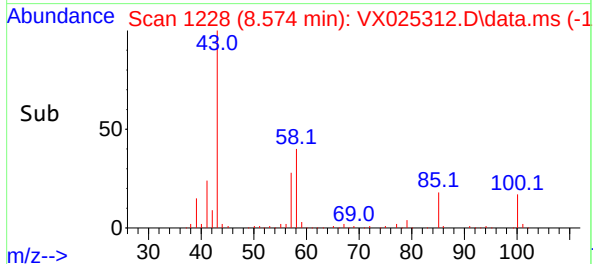
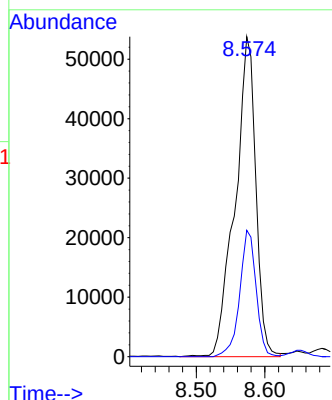
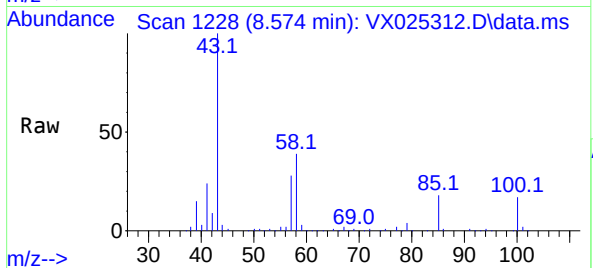




#51
4-Methyl-2-Pentanone
Concen: 56.540 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

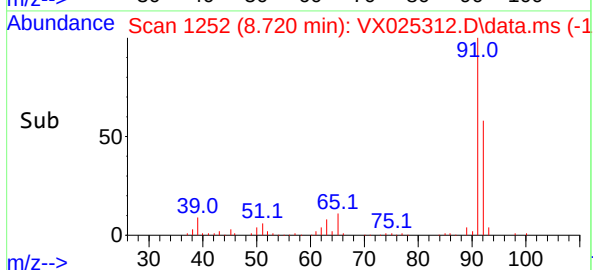
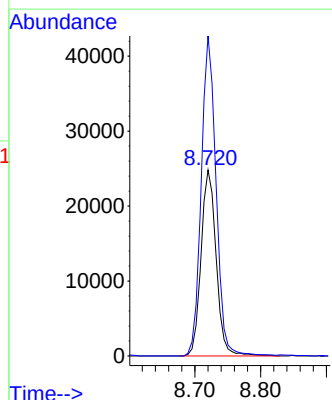
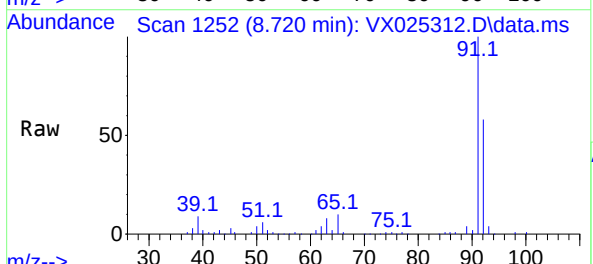
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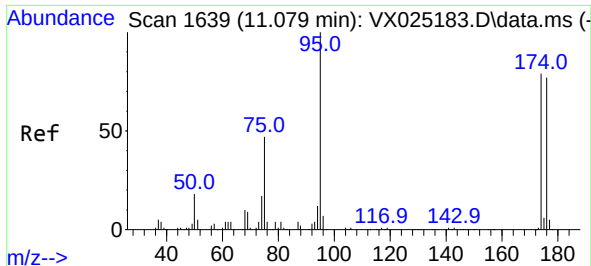
Tgt Ion: 43 Resp: 113127
Ion Ratio Lower Upper
43 100
58 31.3 30.9 46.3



#52
Toluene
Concen: 11.889 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion: 92 Resp: 39624
Ion Ratio Lower Upper
92 100
91 169.5 138.6 208.0

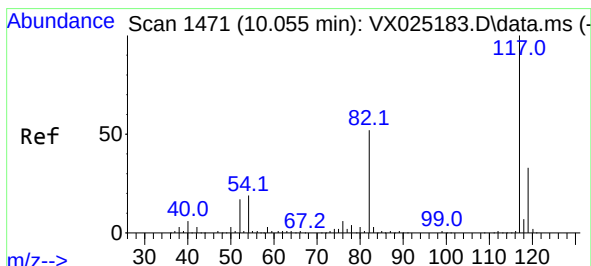
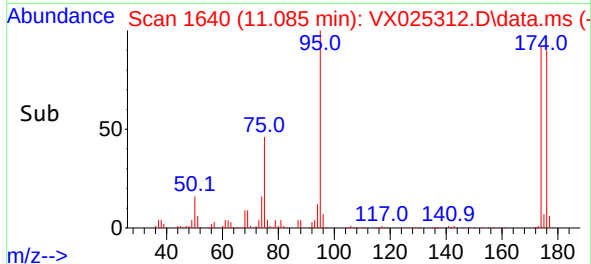
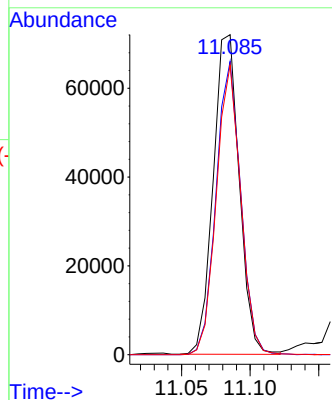
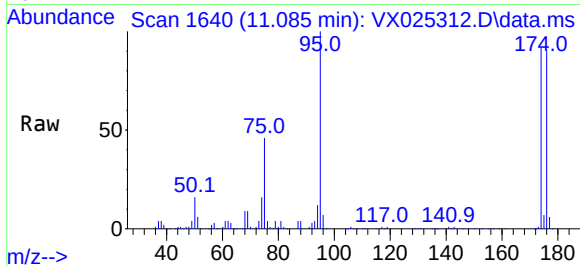




#62
4-Bromofluorobenzene
Concen: 56.447 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

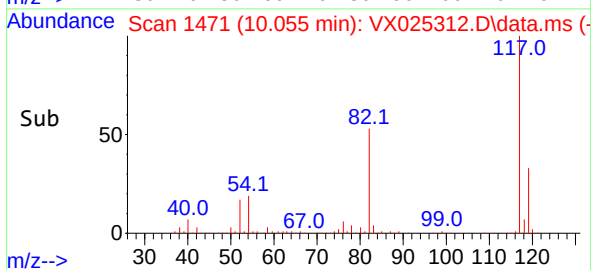
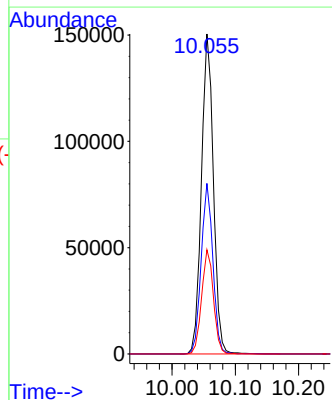
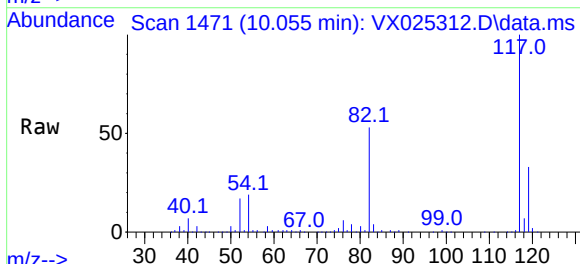
Instrument :
MSVOA_X
ClientSampleId :
RRT-01

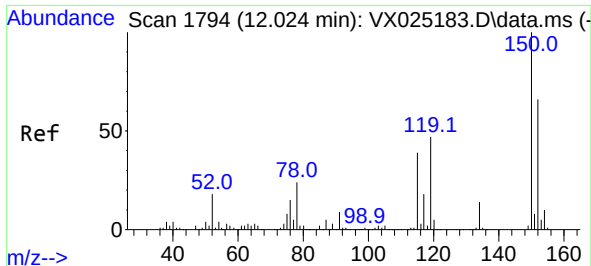
Tgt Ion: 95 Resp: 95153
Ion Ratio Lower Upper
95 100
174 86.6 0.0 158.0
176 84.6 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion: 117 Resp: 198280
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 32.6 24.8 37.2

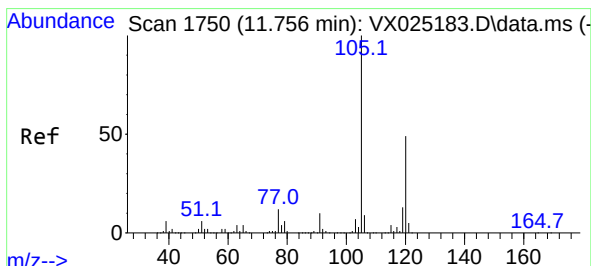
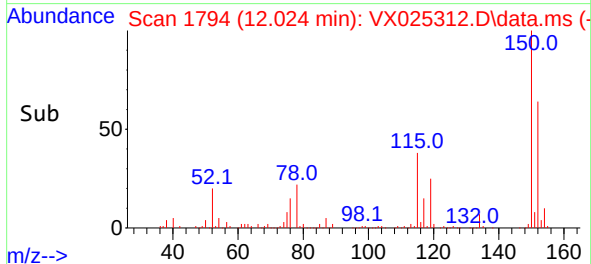
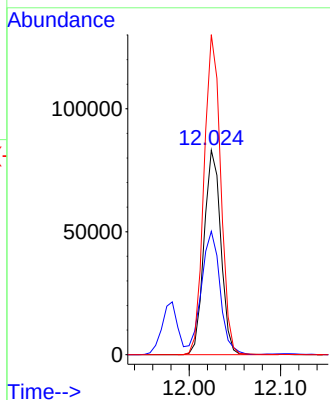
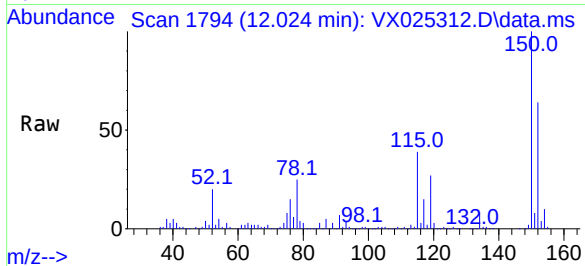




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

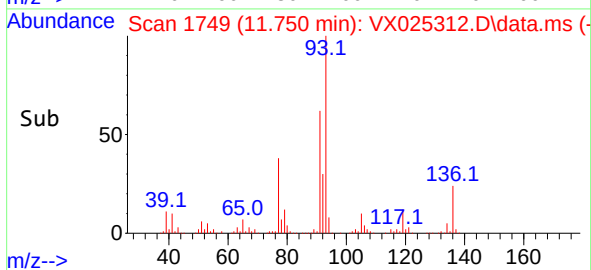
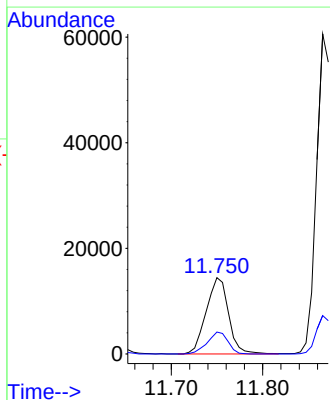
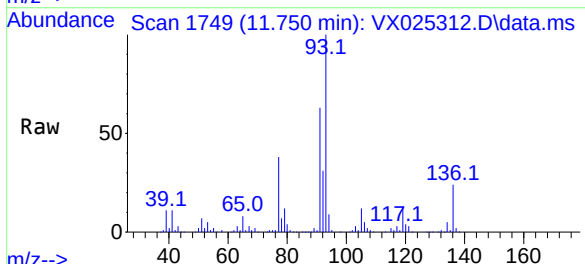
Instrument :
MSVOA_X
ClientSampleId :
RRT-01

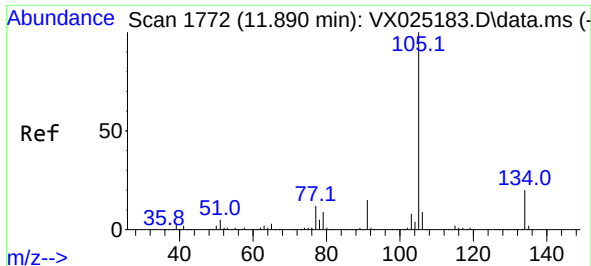
Tgt Ion:152 Resp: 105452
Ion Ratio Lower Upper
152 100
115 67.9 43.3 129.8
150 156.1 0.0 351.2



#84
1,2,4-Trimethylbenzene
Concen: 3.918 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX025312.D
Acq: 24 Nov 2021 06:14

Tgt Ion:105 Resp: 24464
Ion Ratio Lower Upper
105 100
120 26.5 22.1 66.3

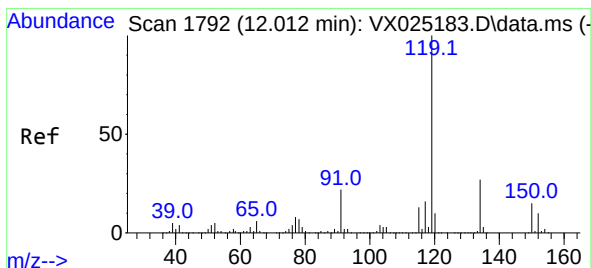
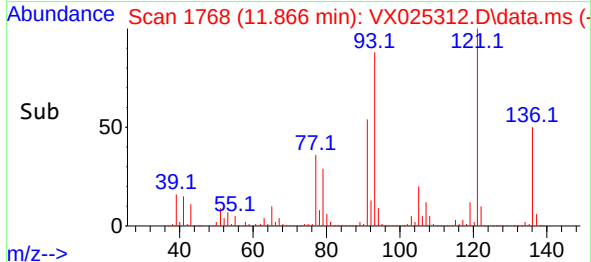
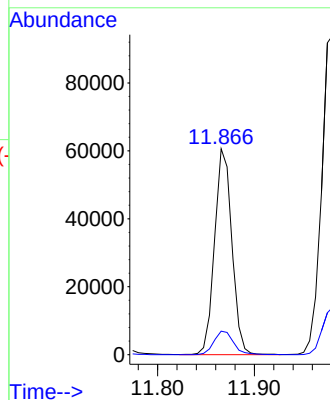
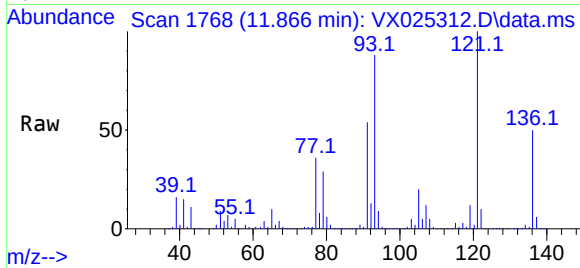




#85
 sec-Butylbenzene
 Concen: 9.670 ug/l
 RT: 11.866 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX025312.D
 Acq: 24 Nov 2021 06:14

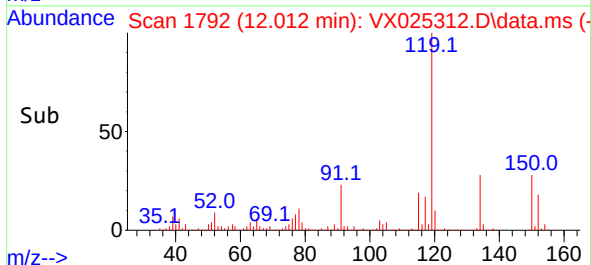
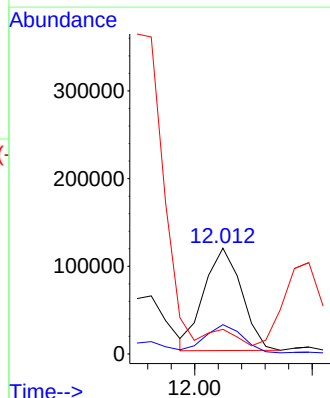
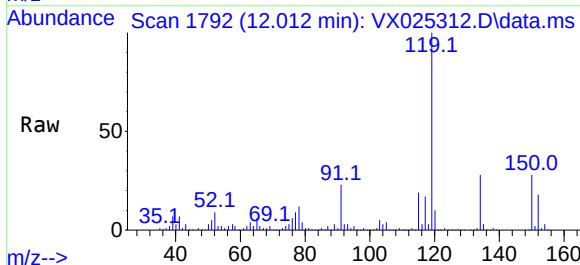
Instrument :
 MSVOA_X
 ClientSampleId :
 RRT-01

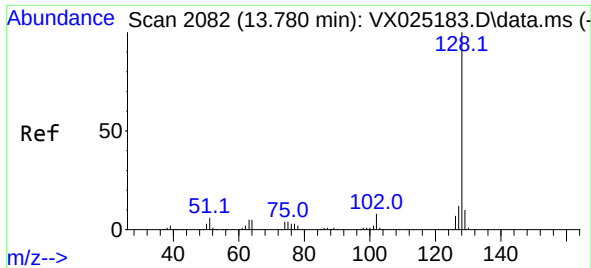
Tgt Ion:105 Resp: 75473
 Ion Ratio Lower Upper
 105 100
 134 13.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.380 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025312.D
 Acq: 24 Nov 2021 06:14

Tgt Ion:119 Resp: 129962
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 0.0 12.4 37.0#





#95

Naphthalene

Concen: 699.166 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX025312.D

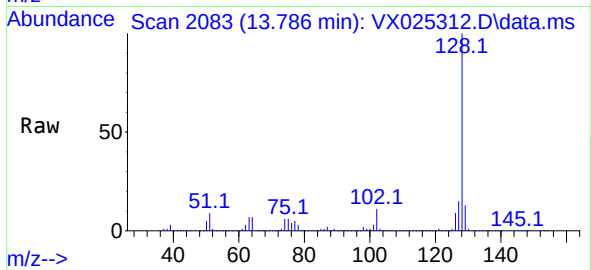
Acq: 24 Nov 2021 06:14

Instrument :

MSVOA_X

ClientSampleId :

RRT-01



Tgt Ion:128 Resp: 4940158

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 12.4 8.8 13.2

