

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045543.D
 Acq On : 04 Nov 2021 00:22
 Operator : SY/MD
 Sample : M4470-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

Quant Time: Nov 05 13:57:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

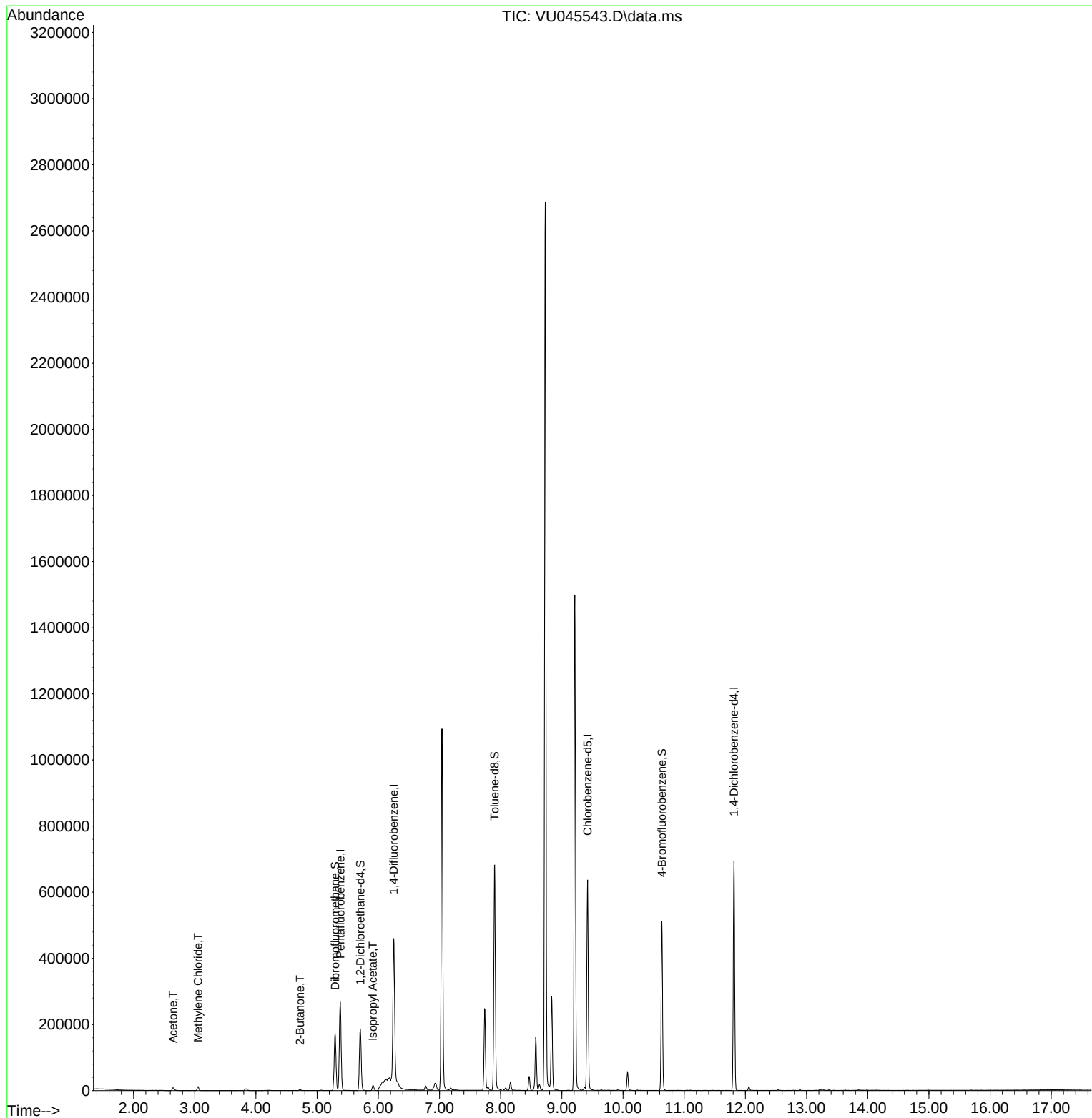
Internal Standards						
1) Pentafluorobenzene	5.379	168	183226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	348750	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	352932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	174023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	138827	46.540	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.295	113	112474	50.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	7.903	98	453821	52.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.380%
62) 4-Bromofluorobenzene	10.636	95	181796	54.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.720%
Target Compounds						
					Qvalue	
16) Acetone	2.646	43	13882	10.251	ug/l	93
20) Methylene Chloride	3.054	84	6584	2.440	ug/l	86
25) 2-Butanone	4.723	43	4946	2.419	ug/l	90
43) Isopropyl Acetate	5.912	43	16923	2.793	ug/l	95

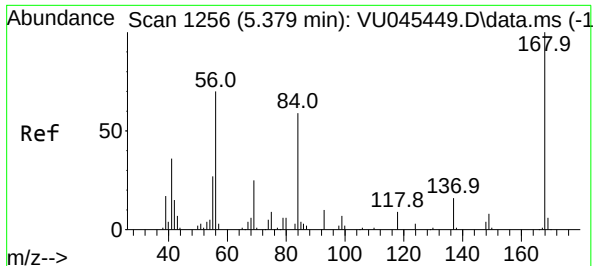
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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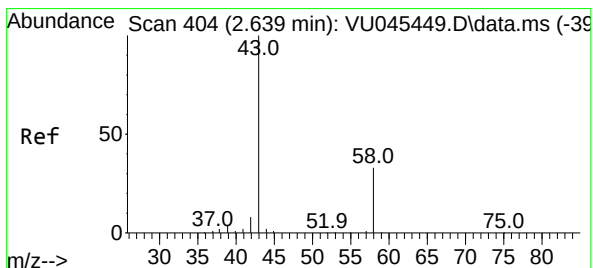
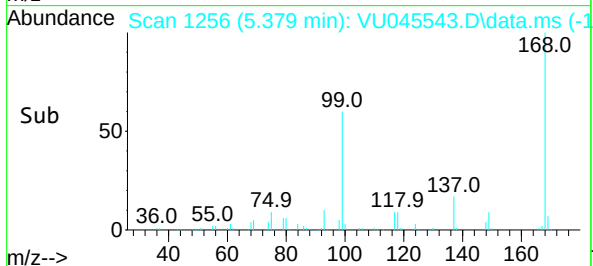
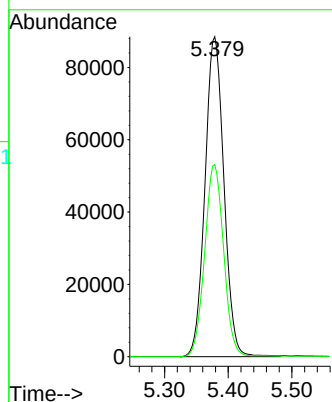
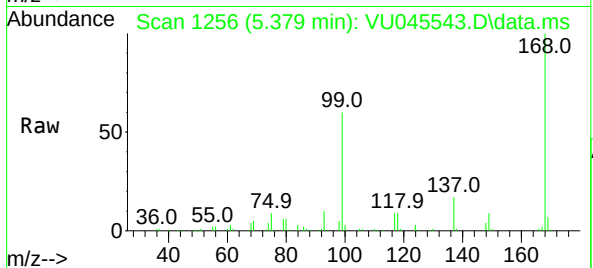




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

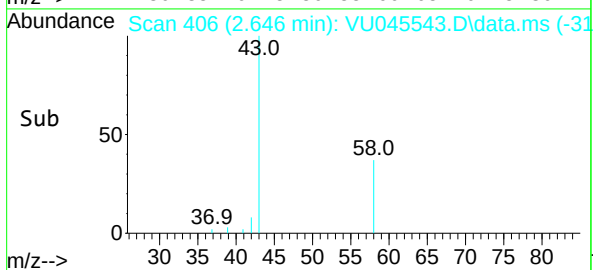
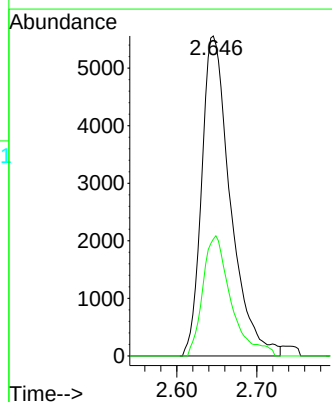
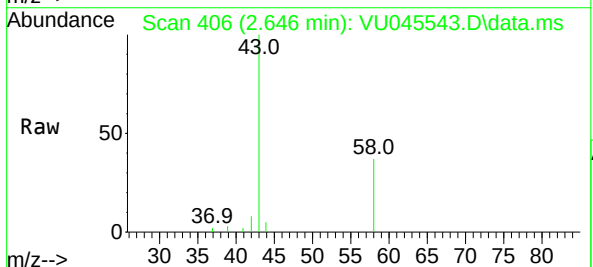
Instrument :
MSVOA_U
ClientSampleId :
TP-1

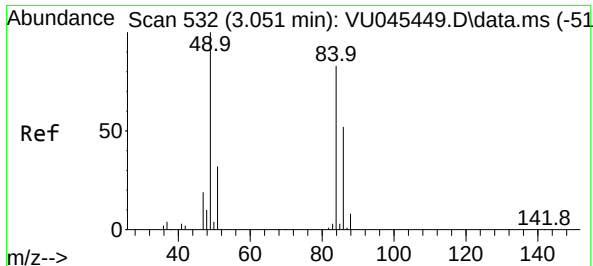
Tgt Ion:168 Resp: 183226
Ion Ratio Lower Upper
168 100
99 60.0 51.0 76.6



#16
Acetone
Concen: 10.251 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.007 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

Tgt Ion: 43 Resp: 13882
Ion Ratio Lower Upper
43 100
58 36.5 26.2 39.2





#20

Methylene Chloride

Concen: 2.440 ug/l

RT: 3.054 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU045543.D

Acq: 04 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 6584

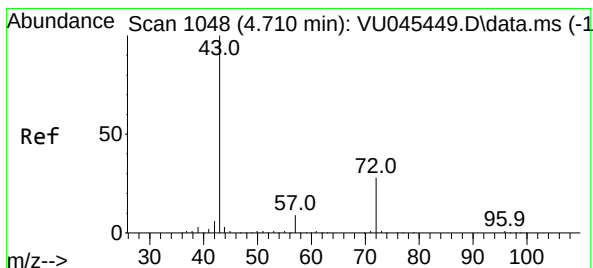
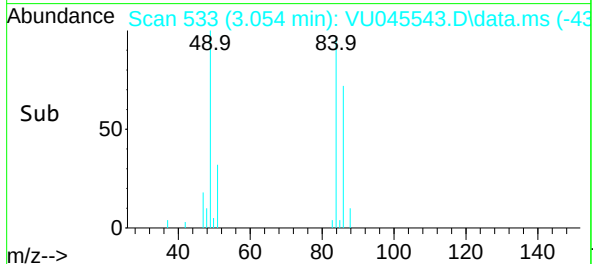
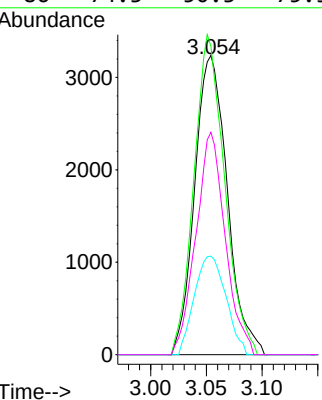
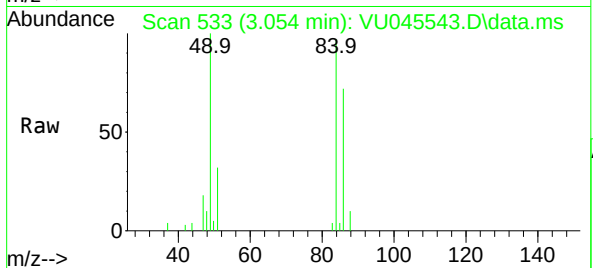
Ion Ratio Lower Upper

84 100

49 103.1 96.4 144.6

51 33.0 30.5 45.7

86 74.3 50.3 75.5



#25

2-Butanone

Concen: 2.419 ug/l

RT: 4.723 min Scan# 1052

Delta R.T. 0.013 min

Lab File: VU045543.D

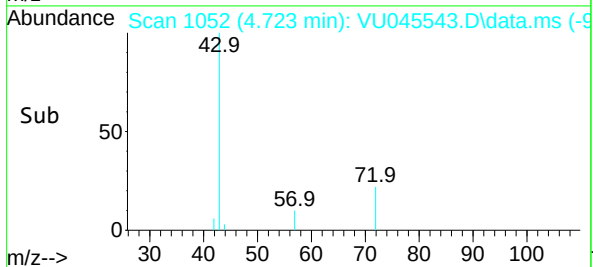
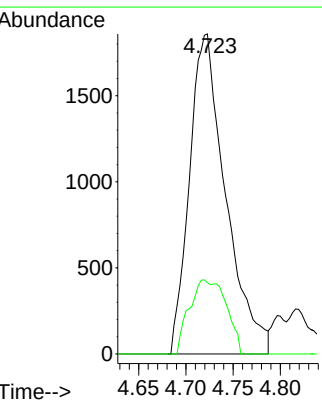
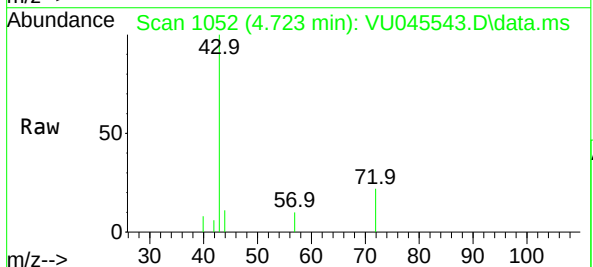
Acq: 04 Nov 2021 00:22

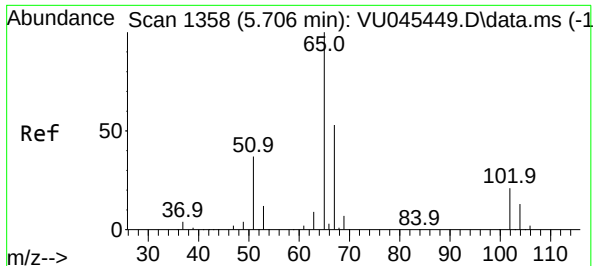
Tgt Ion: 43 Resp: 4946

Ion Ratio Lower Upper

43 100

72 22.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 46.540 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045543.D

Acq: 04 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

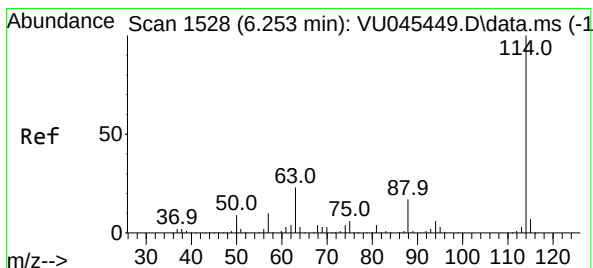
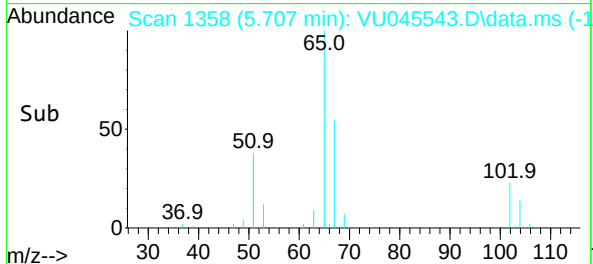
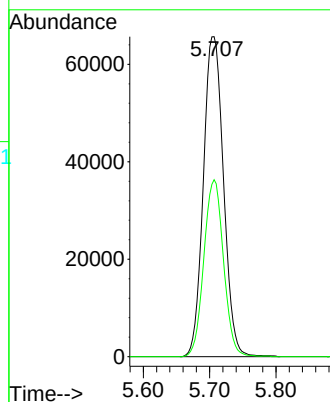
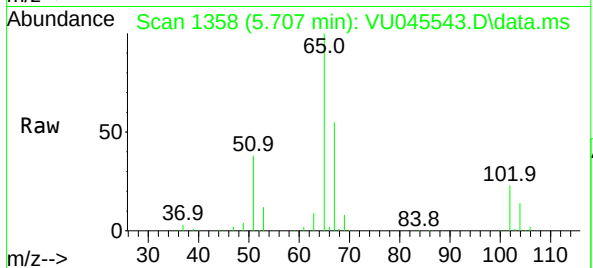
TP-1

Tgt Ion: 65 Resp: 138827

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045543.D

Acq: 04 Nov 2021 00:22

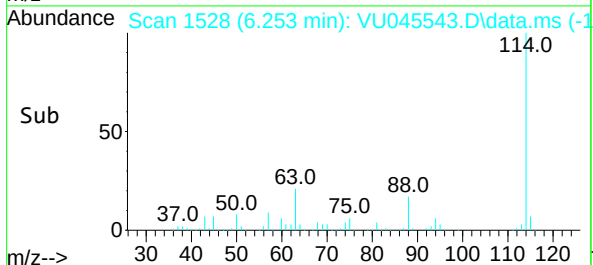
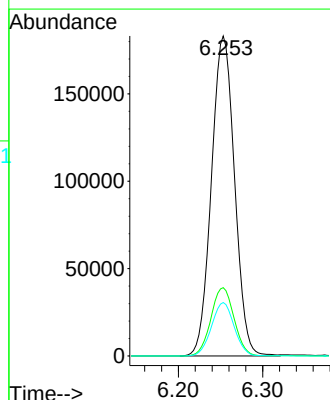
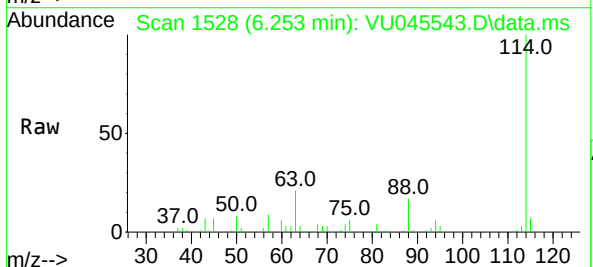
Tgt Ion: 114 Resp: 348750

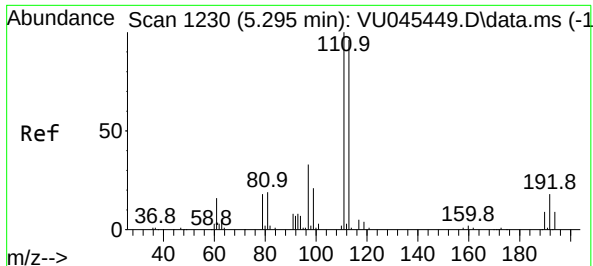
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.6

88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.721 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045543.D

Acq: 04 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

TP-1

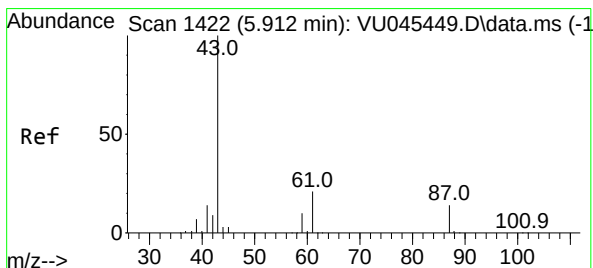
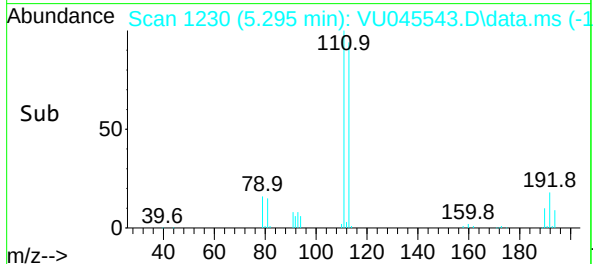
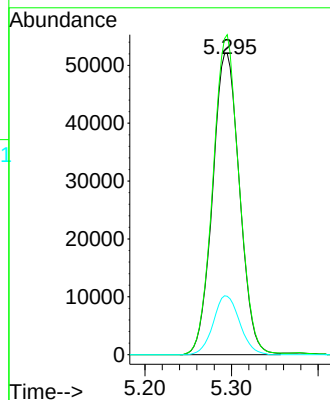
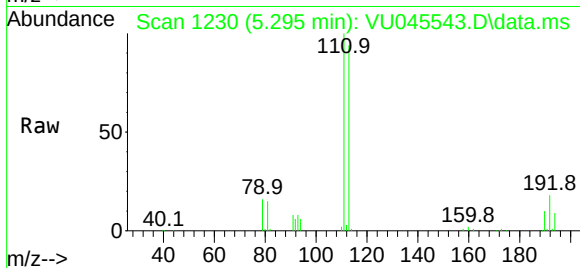
Tgt Ion:113 Resp: 112474

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 19.2 14.8 22.2



#43

Isopropyl Acetate

Concen: 2.793 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045543.D

Acq: 04 Nov 2021 00:22

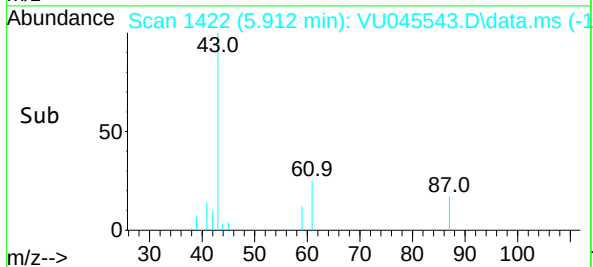
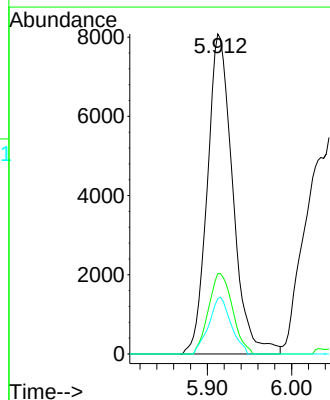
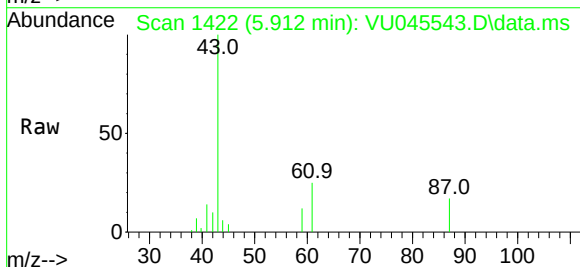
Tgt Ion: 43 Resp: 16923

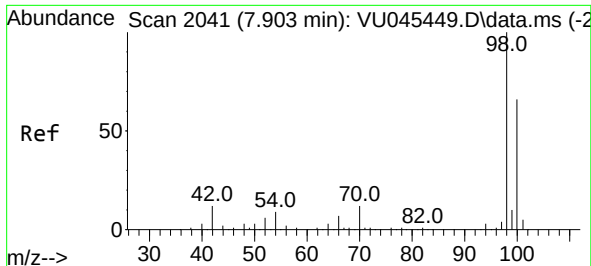
Ion Ratio Lower Upper

43 100

61 23.7 16.9 25.3

87 15.4 11.0 16.4

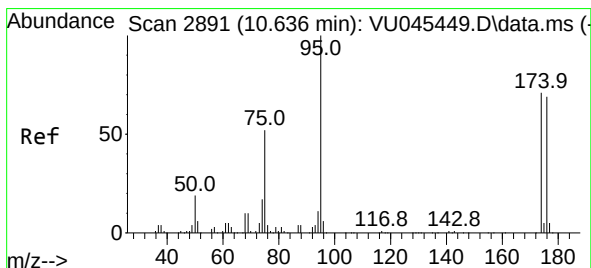
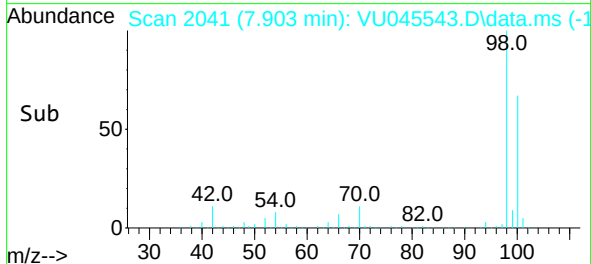
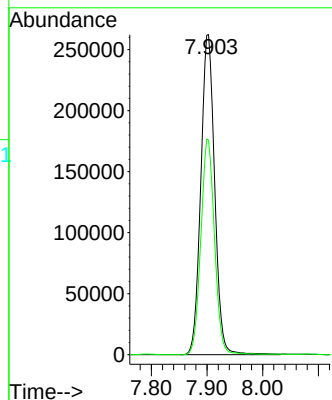
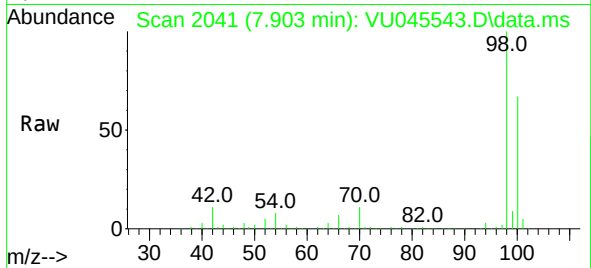




#50
Toluene-d8
Concen: 52.189 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

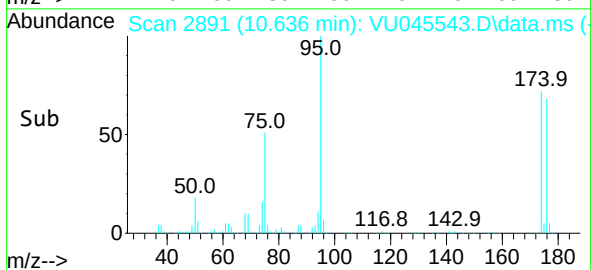
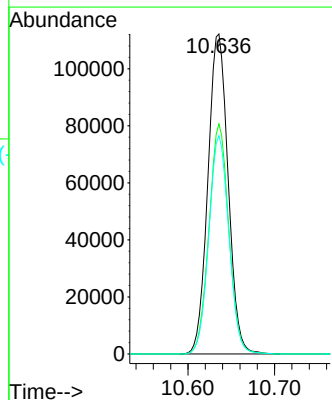
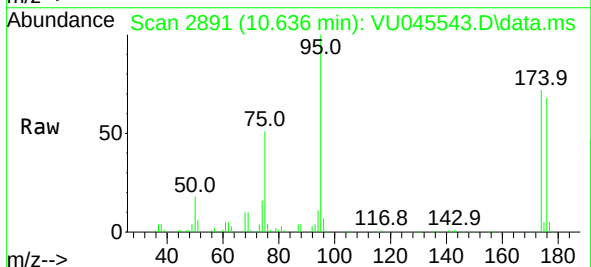
Instrument :
MSVOA_U
ClientSampleId :
TP-1

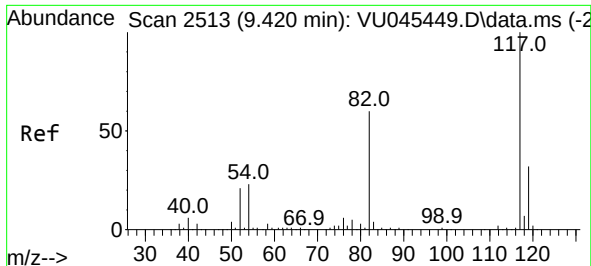
Tgt Ion: 98 Resp: 453821
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.864 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

Tgt Ion: 95 Resp: 181796
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 67.5 0.0 138.2

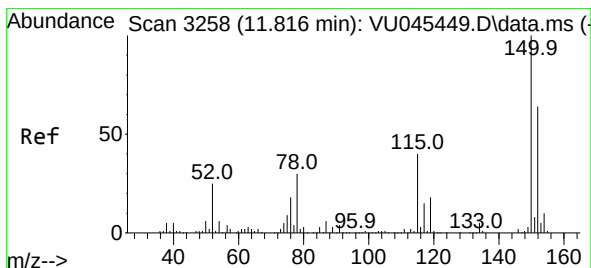
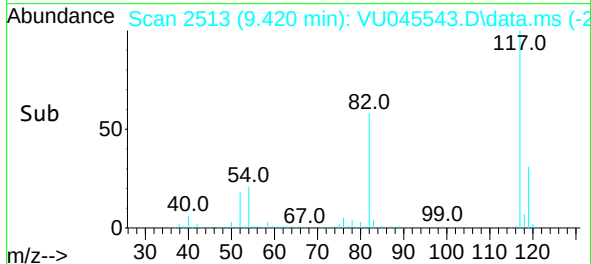
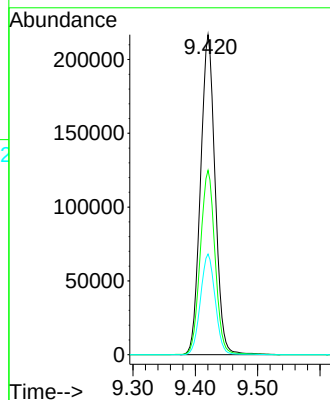
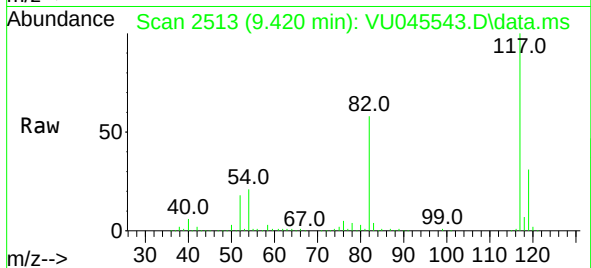




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

Instrument :
MSVOA_U
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Tgt Ion:117 Resp: 352932
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.8
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.003 min
Lab File: VU045543.D
Acq: 04 Nov 2021 00:22

Tgt Ion:152 Resp: 174023
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 157.5 0.0 346.8

