

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045545.D
 Acq On : 04 Nov 2021 01:08
 Operator : SY/MD
 Sample : M4472-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-KS

Quant Time: Nov 05 13:58:17 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)

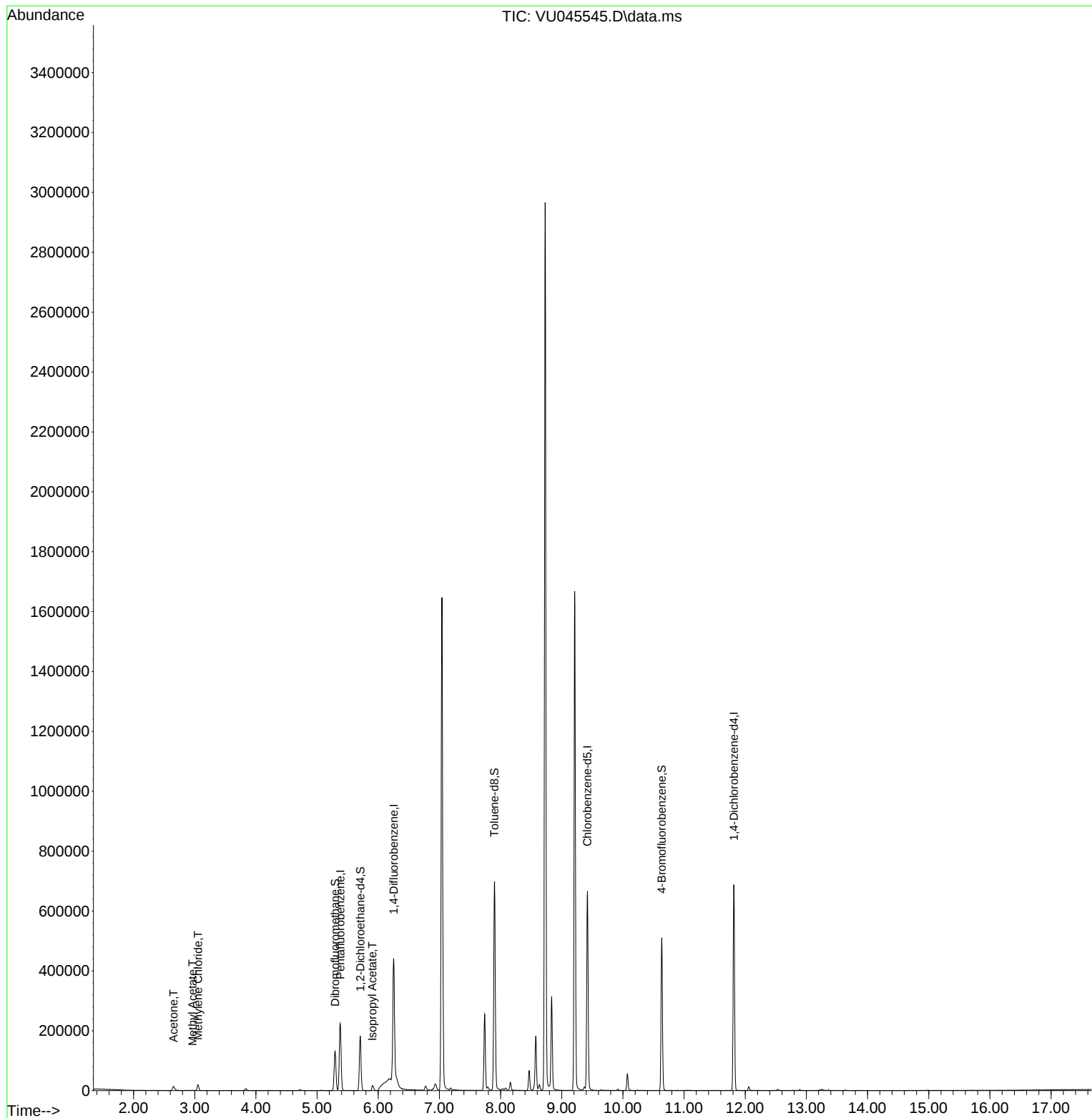
Internal Standards						
1) Pentafluorobenzene	5.378	168	164516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	338707	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	364971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	173426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	126223	47.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.260%
35) Dibromofluoromethane	5.295	113	86635	40.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.460%
50) Toluene-d8	7.899	98	465675	55.140	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.280%
62) 4-Bromofluorobenzene	10.635	95	179913	55.905	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.820%
Target Compounds						
					Qvalue	
16) Acetone	2.652	43	24261	19.952	ug/l	91
18) Methyl Acetate	2.964	43	1027	0.227	ug/l #	81
20) Methylene Chloride	3.054	84	9951	4.107	ug/l	96
43) Isopropyl Acetate	5.906	43	18785	3.192	ug/l #	90

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

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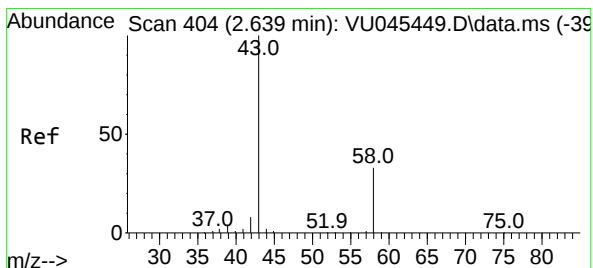
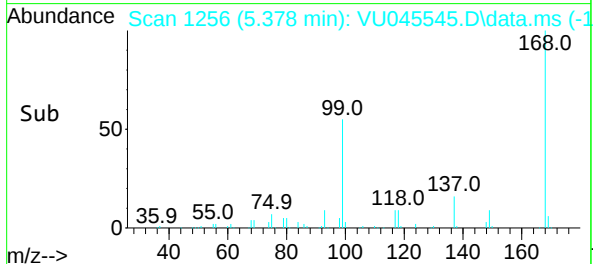
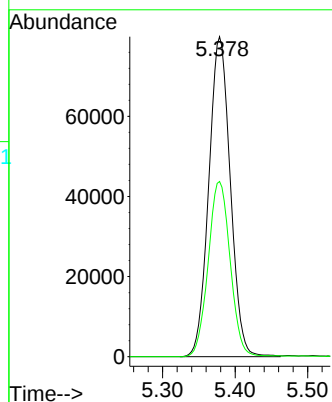
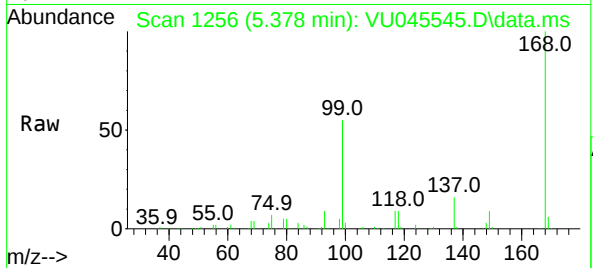




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

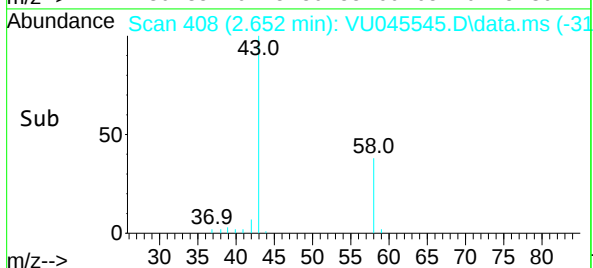
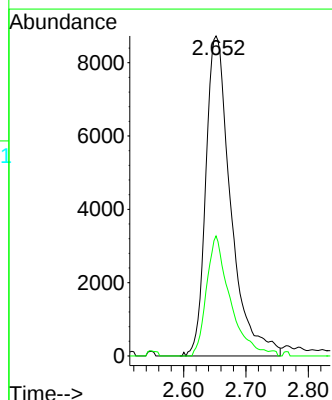
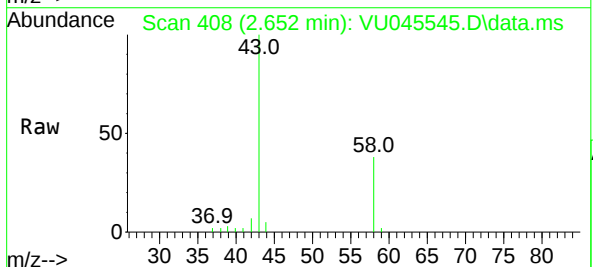
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KS

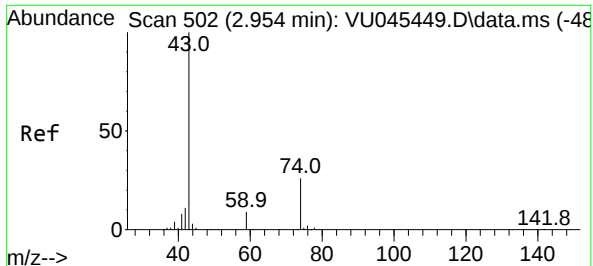
Tgt Ion:168 Resp: 164516
Ion Ratio Lower Upper
168 100
99 54.7 51.0 76.6



#16
Acetone
Concen: 19.952 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.013 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

Tgt Ion: 43 Resp: 24261
Ion Ratio Lower Upper
43 100
58 37.5 26.2 39.2

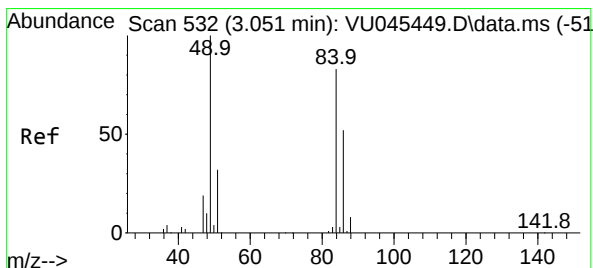
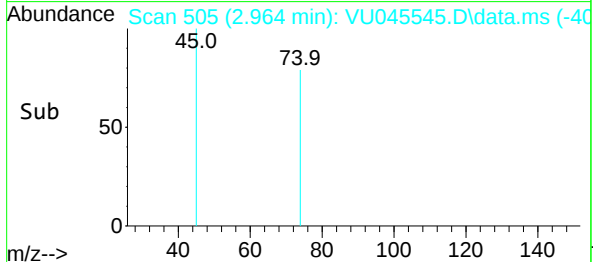
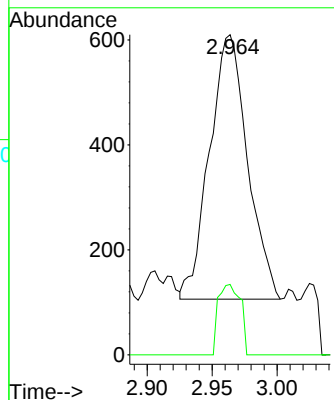
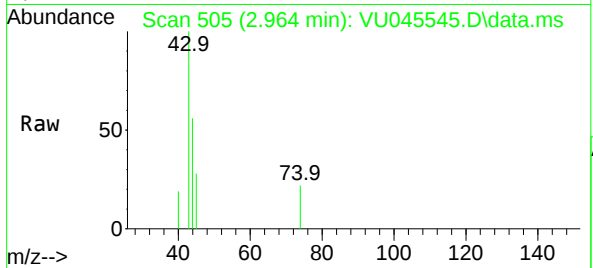




#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 2.964 min Scan# 502
Delta R.T. 0.010 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

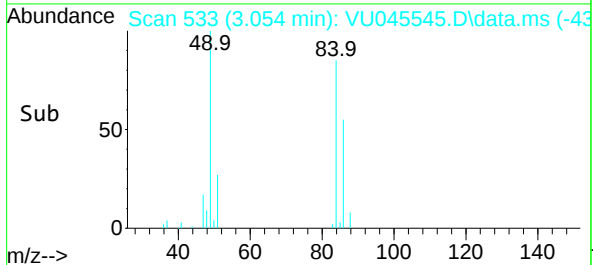
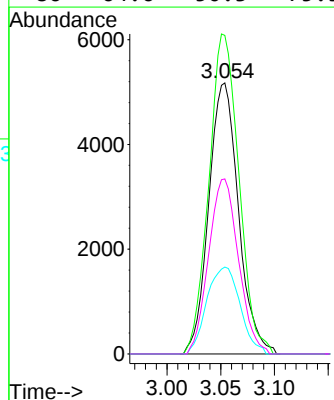
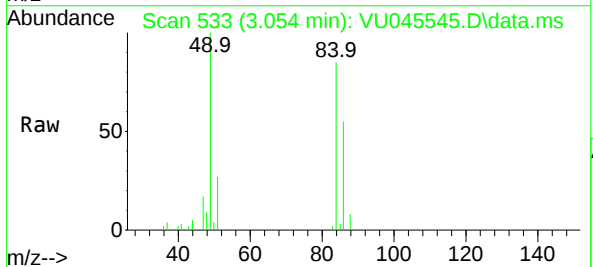
Instrument :
MSVOA_U
ClientSampleId :
WC-2-KS

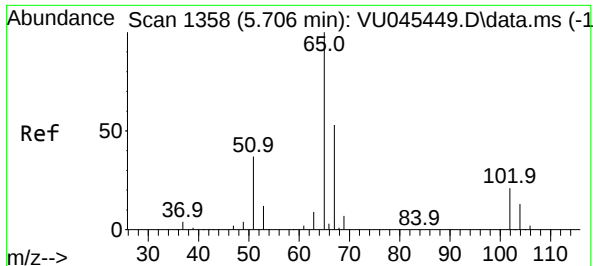
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
74 15.5 20.2 30.2#



#20
Methylene Chloride
Concen: 4.107 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

Tgt Ion: 84 Resp: 9951
Ion Ratio Lower Upper
84 100
49 117.5 96.4 144.6
51 32.1 30.5 45.7
86 64.6 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 47.127 ug/l

RT: 5.706 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045545.D

Acq: 04 Nov 2021 01:08

Instrument :

MSVOA_U

ClientSampleId :

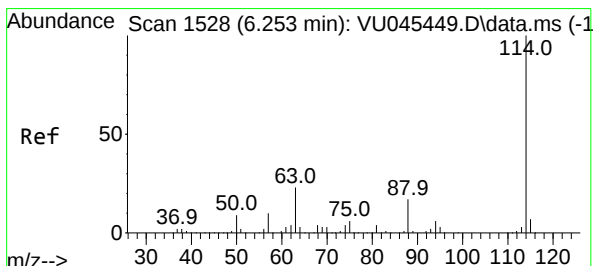
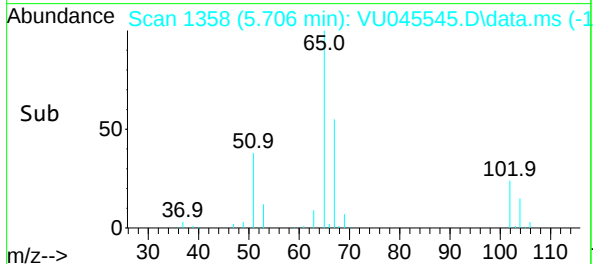
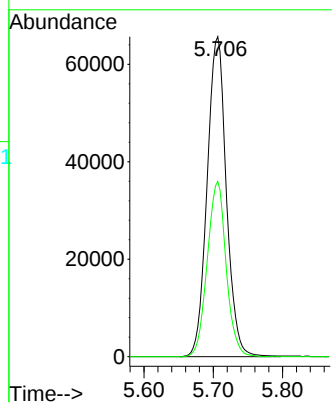
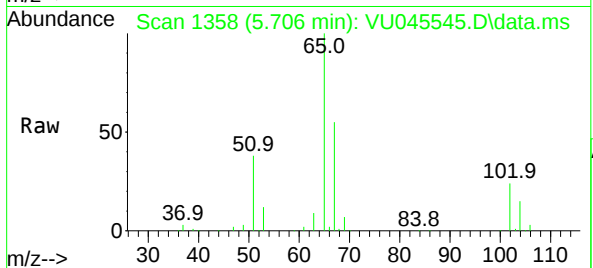
WC-2-KS

Tgt Ion: 65 Resp: 126223

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: VU045545.D

Acq: 04 Nov 2021 01:08

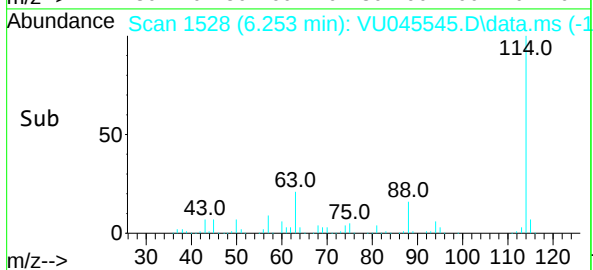
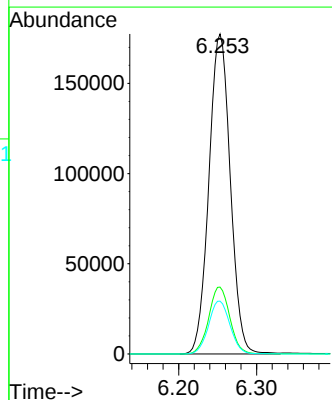
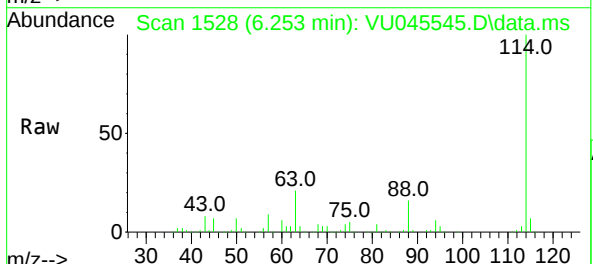
Tgt Ion: 114 Resp: 338707

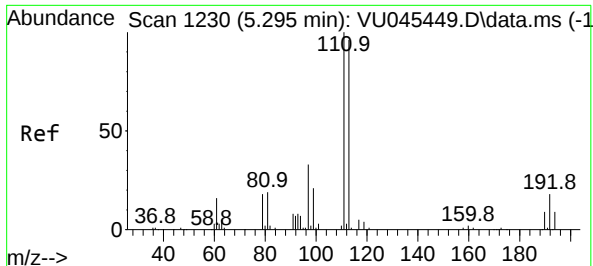
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.6

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 40.227 ug/l

RT: 5.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045545.D

Acq: 04 Nov 2021 01:08

Instrument :

MSVOA_U

ClientSampleId :

WC-2-KS

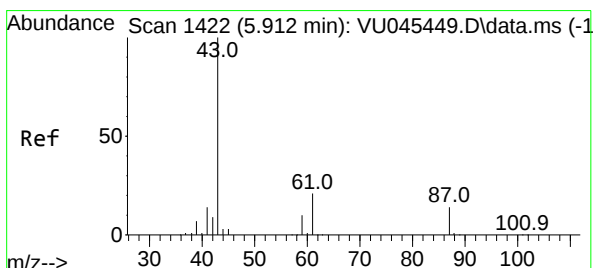
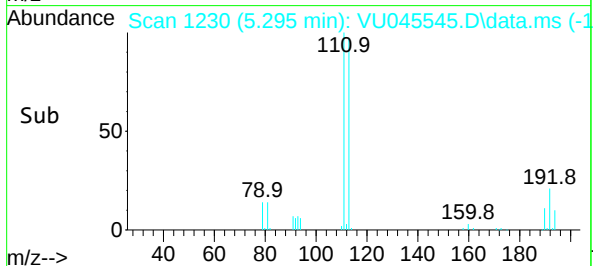
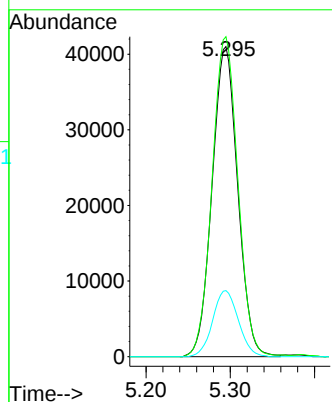
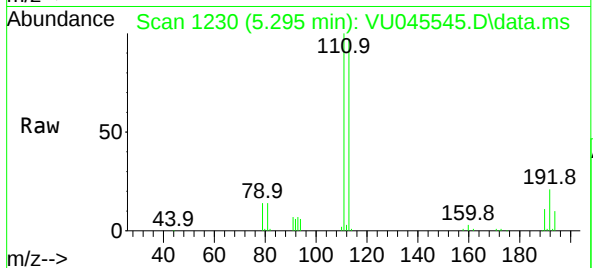
Tgt Ion:113 Resp: 86635

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 21.4 14.8 22.2



#43

Isopropyl Acetate

Concen: 3.192 ug/l

RT: 5.906 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VU045545.D

Acq: 04 Nov 2021 01:08

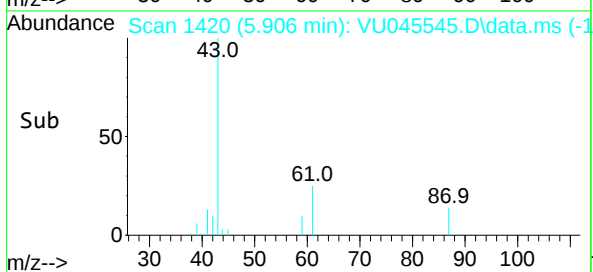
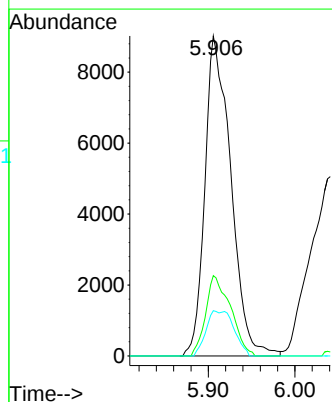
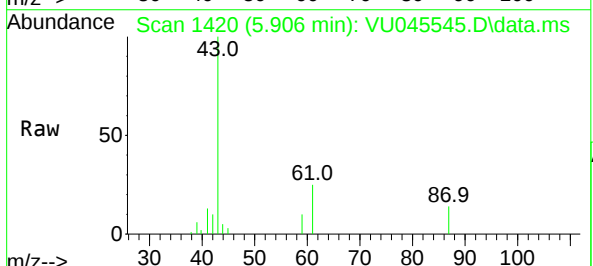
Tgt Ion: 43 Resp: 18785

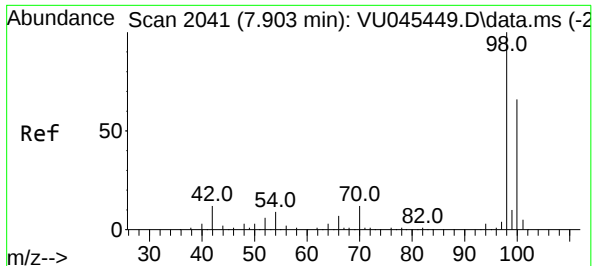
Ion Ratio Lower Upper

43 100

61 24.1 16.9 25.3

87 7.4 11.0 16.4#





#50

Toluene-d8

Concen: 55.140 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045545.D

Acq: 04 Nov 2021 01:08

Instrument :

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ClientSampleId :

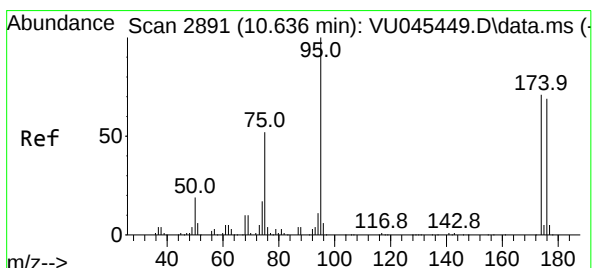
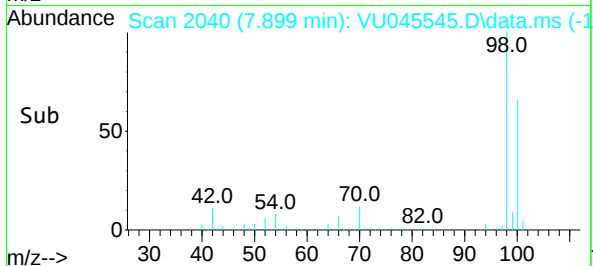
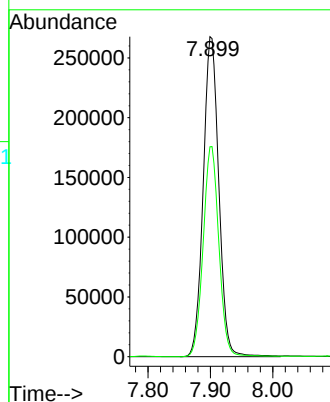
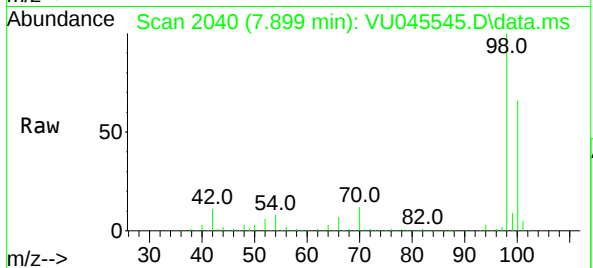
WC-2-KS

Tgt Ion: 98 Resp: 465675

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 55.905 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU045545.D

Acq: 04 Nov 2021 01:08

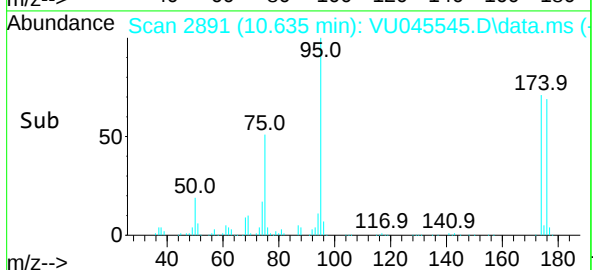
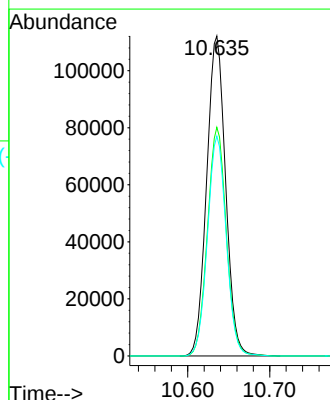
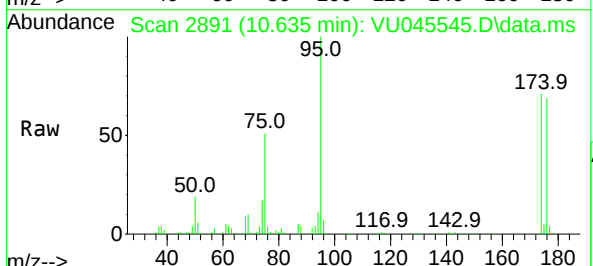
Tgt Ion: 95 Resp: 179913

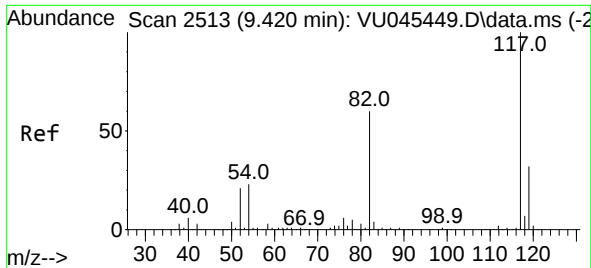
Ion Ratio Lower Upper

95 100

174 71.1 0.0 141.8

176 67.9 0.0 138.2

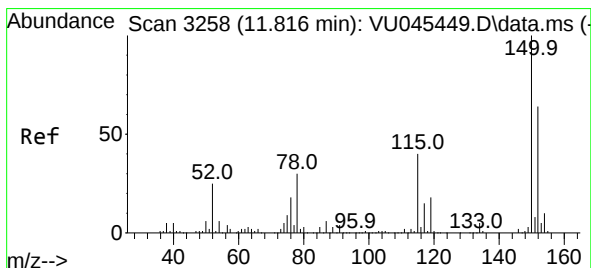
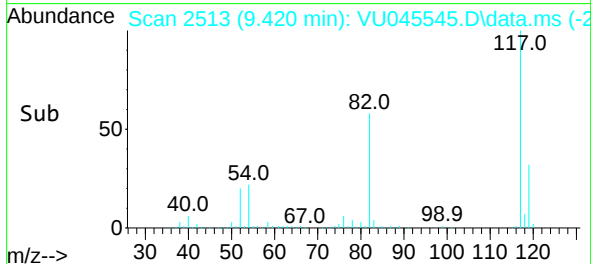
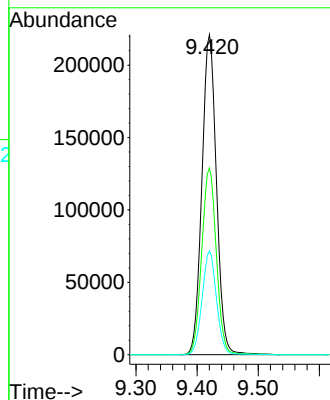
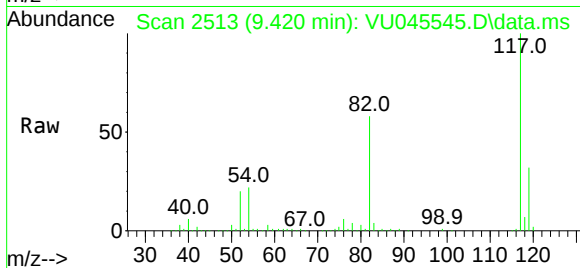




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

Instrument :
MSVOA_U
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Tgt Ion:117 Resp: 364971
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. -0.000 min
Lab File: VU045545.D
Acq: 04 Nov 2021 01:08

Tgt Ion:152 Resp: 173426
Ion Ratio Lower Upper
152 100
115 63.4 42.7 128.1
150 159.4 0.0 346.8

