

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043164.D
 Acq On : 16 Apr 2021 13:33
 Operator : SY/MD
 Sample : M2061-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB-01-041521

Quant Time: Apr 17 02:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

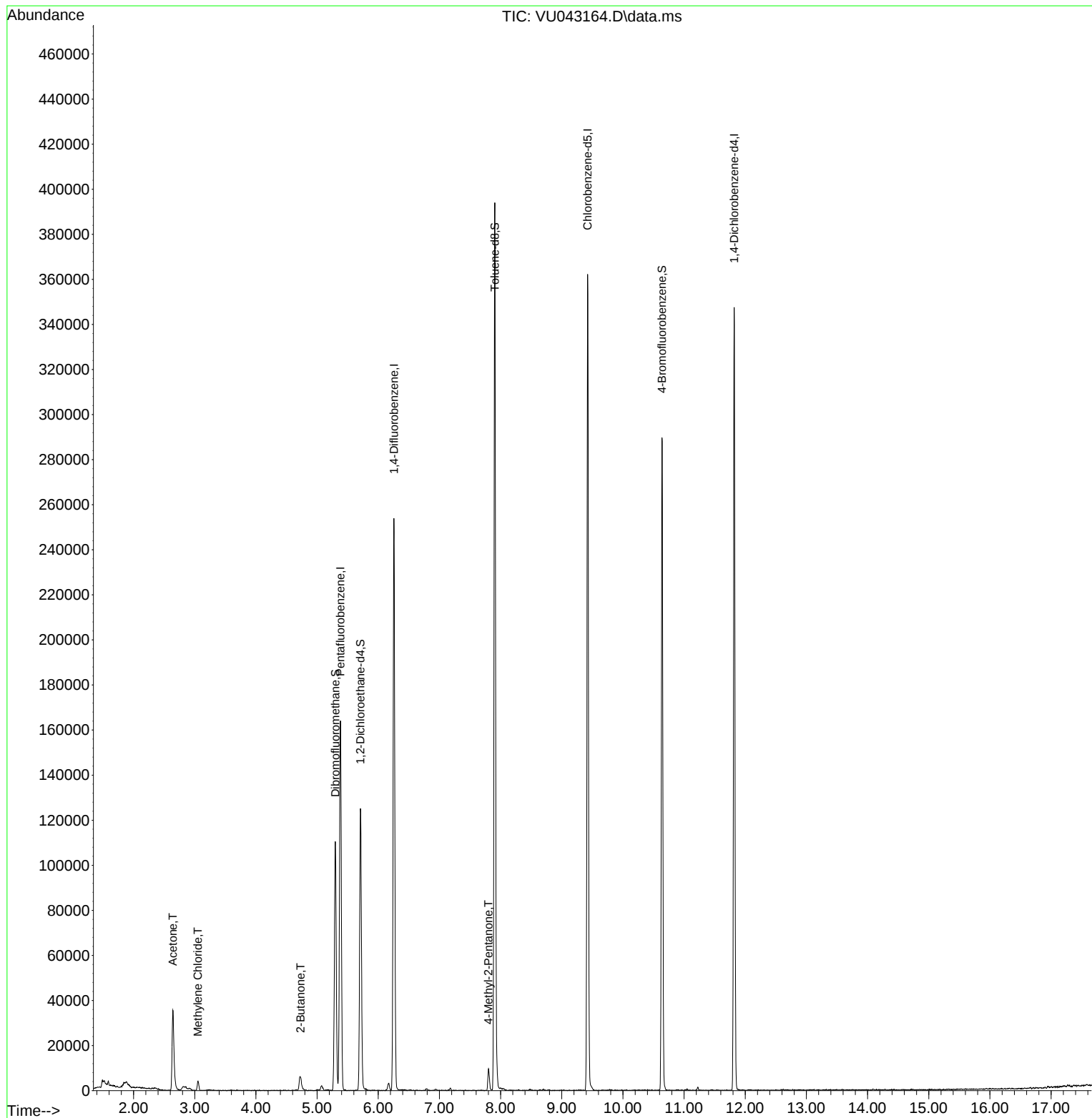
Internal Standards						
1) Pentafluorobenzene	5.382	168	111585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	186834	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	177963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	83925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	96579	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	5.298	113	66397	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	7.906	98	237246	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	10.639	95	85792	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
Target Compounds						
16) Acetone	2.642	43	51449	46.36	ug/l	97
20) Methylene Chloride	3.051	84	1827	1.37	ug/l #	86
25) 2-Butanone	4.729	43	12025	7.06	ug/l	91
51) 4-Methyl-2-Pentanone	7.803	43	7211	2.02	ug/l	95

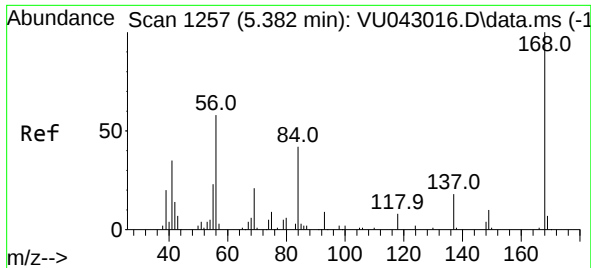
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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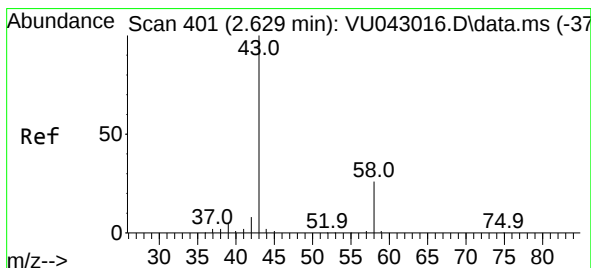
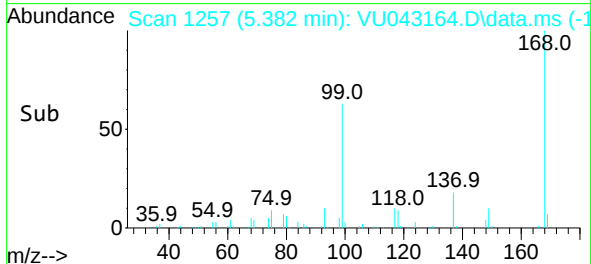
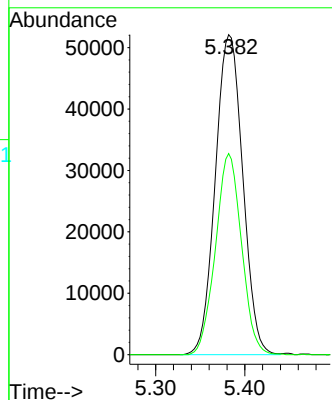
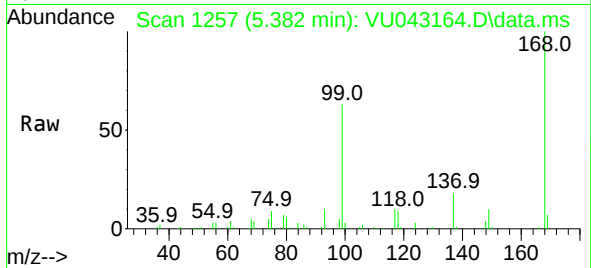




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

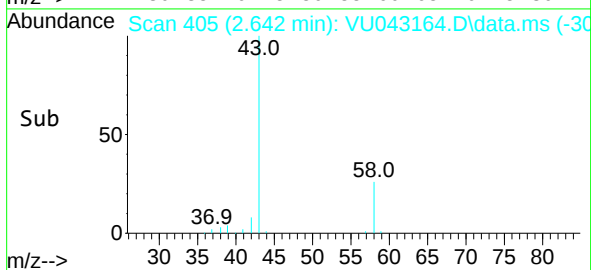
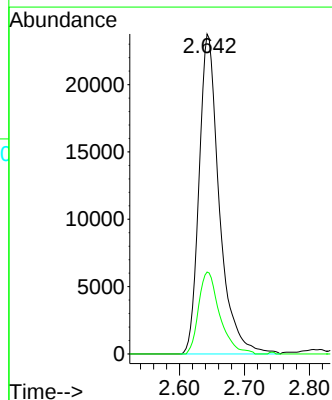
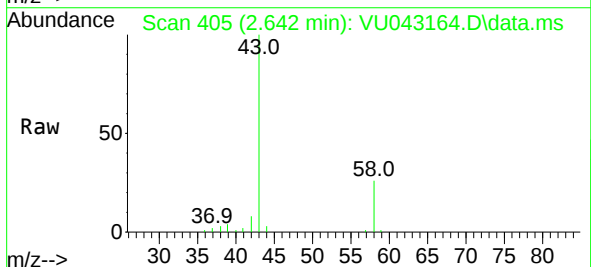
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

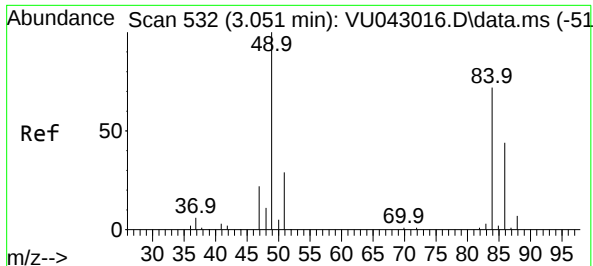
Tgt Ion:168 Resp: 111585
Ion Ratio Lower Upper
168 100
99 62.8 45.0 67.4



#16
Acetone
Concen: 46.36 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 43 Resp: 51449
Ion Ratio Lower Upper
43 100
58 25.6 21.5 32.3





#20

Methylene Chloride

Concen: 1.37 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

Lab File: VU043164.D

Acq: 16 Apr 2021 13:33

Tgt Ion: 84 Resp: 1827

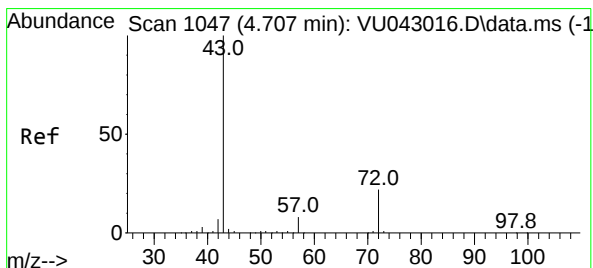
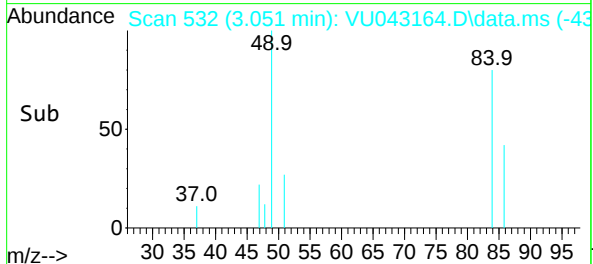
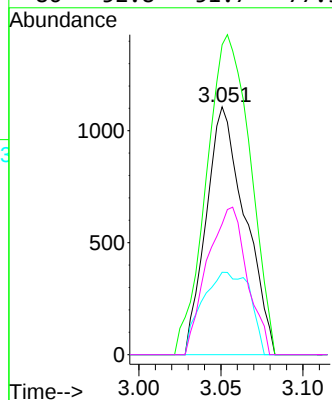
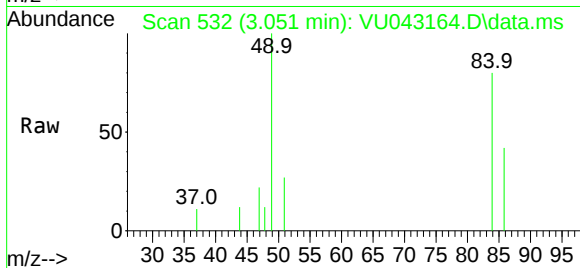
Ion Ratio Lower Upper

84 100

49 125.0 112.6 169.0

51 33.2 33.7 50.5#

86 52.8 51.7 77.5



#25

2-Butanone

Concen: 7.06 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.022 min

Lab File: VU043164.D

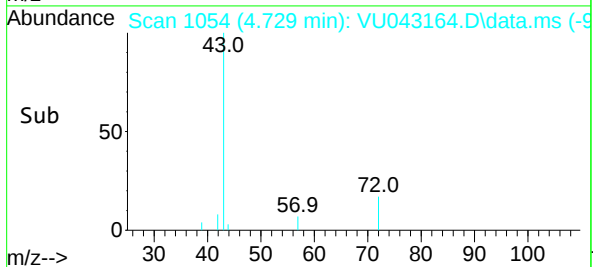
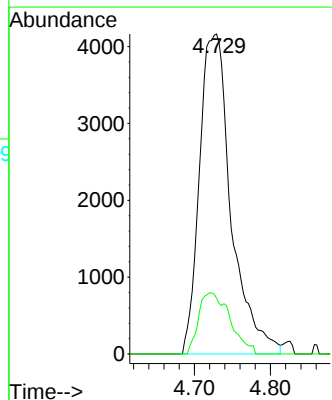
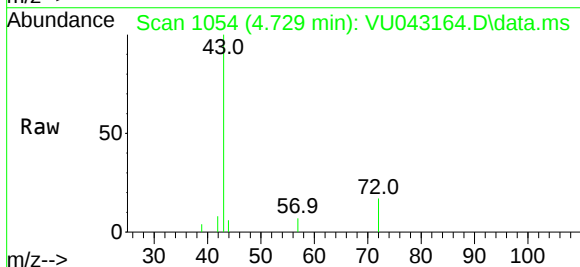
Acq: 16 Apr 2021 13:33

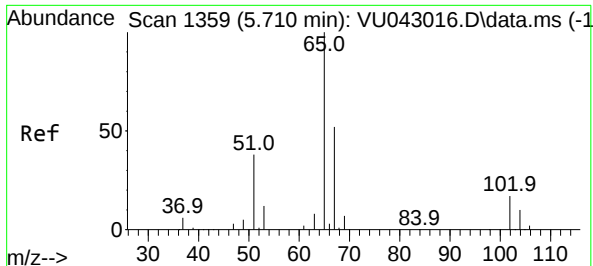
Tgt Ion: 43 Resp: 12025

Ion Ratio Lower Upper

43 100

72 17.5 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 51.49 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043164.D

Acq: 16 Apr 2021 13:33

Tgt Ion: 65 Resp: 96579

Ion Ratio Lower Upper

65 100

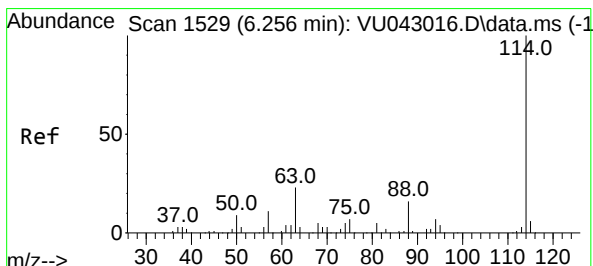
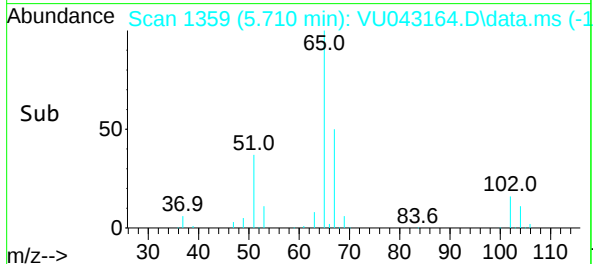
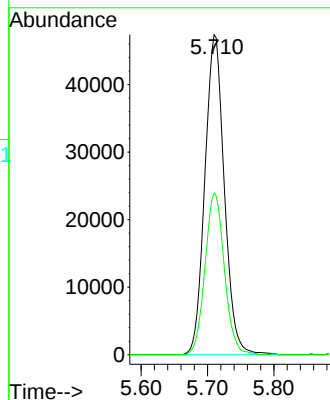
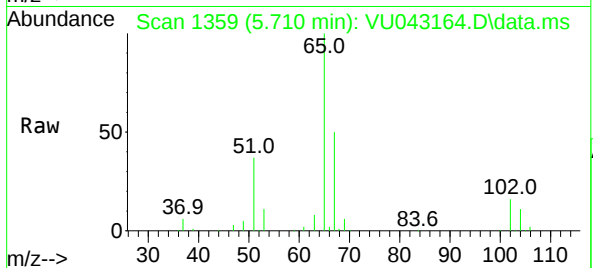
67 50.2 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

EB-01-041521



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043164.D

Acq: 16 Apr 2021 13:33

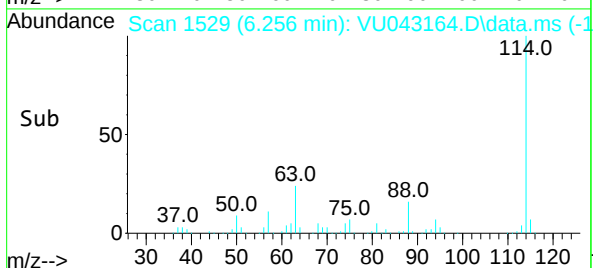
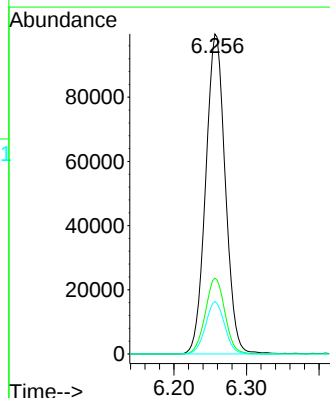
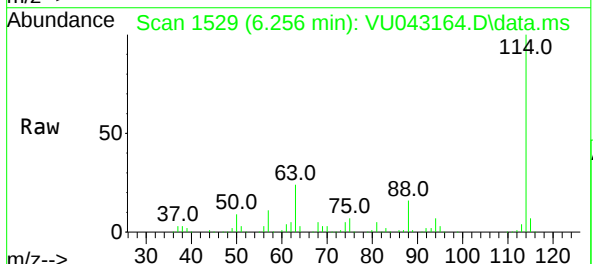
Tgt Ion: 114 Resp: 186834

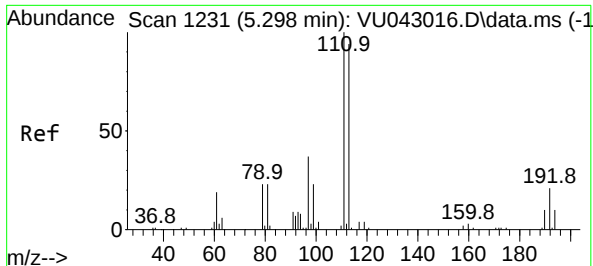
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.2

88 16.4 0.0 33.4

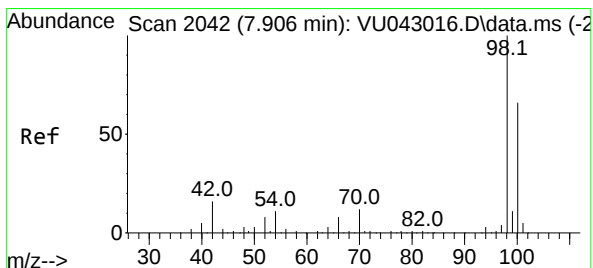
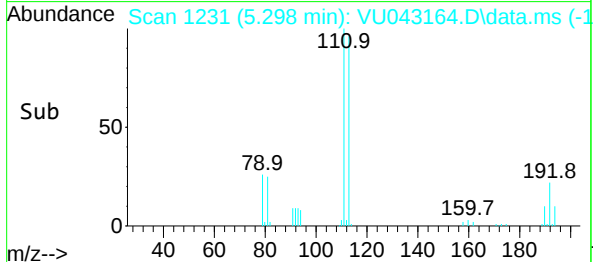
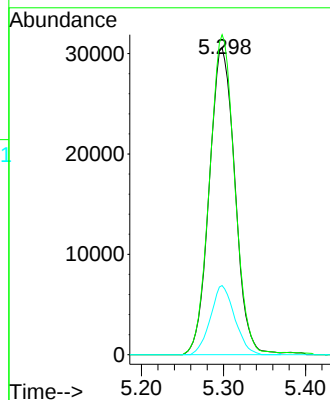
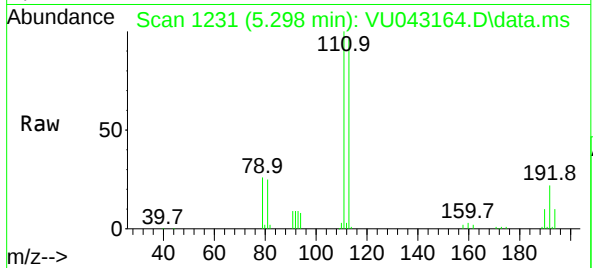




#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

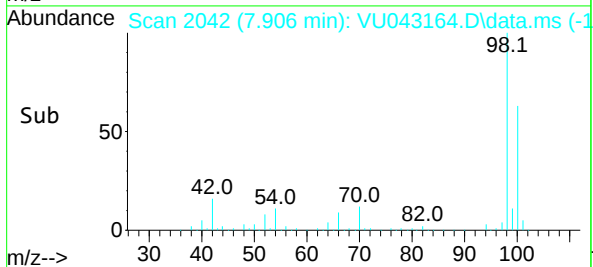
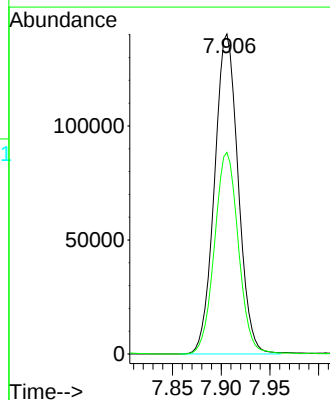
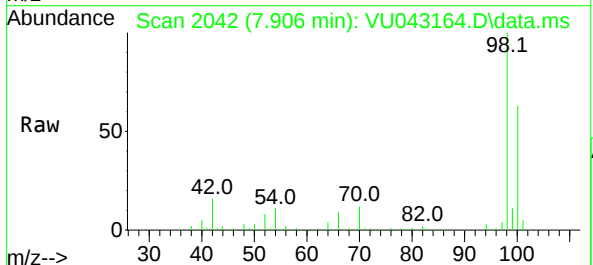
Instrument :
MSVOA_U
ClientSampleId :
EB-01-041521

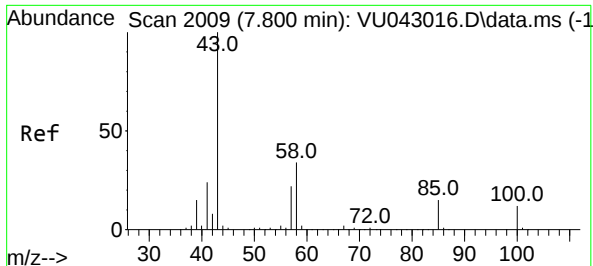
Tgt Ion:	113	Resp:	66397
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	21.3	17.2	25.8



#50
Toluene-d8
Concen: 47.76 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion:	98	Resp:	237246
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.2	75.2

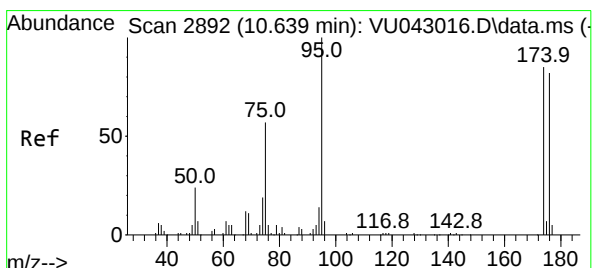
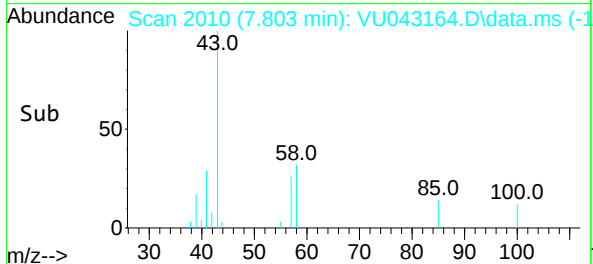
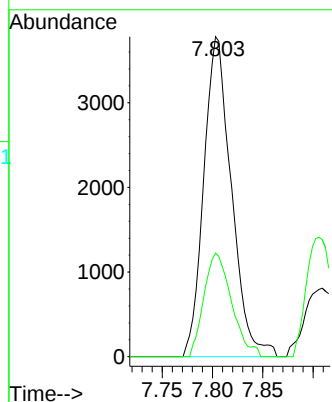
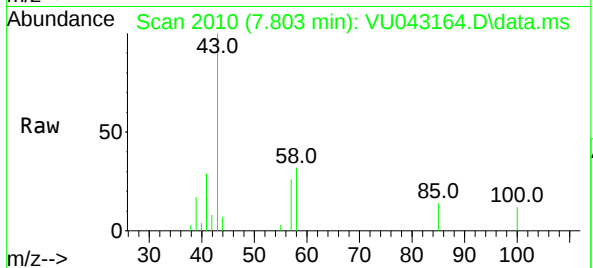




#51
4-Methyl-2-Pentanone
Concen: 2.02 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

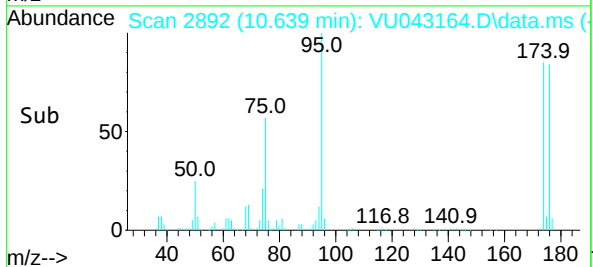
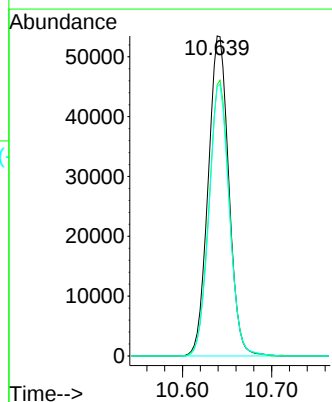
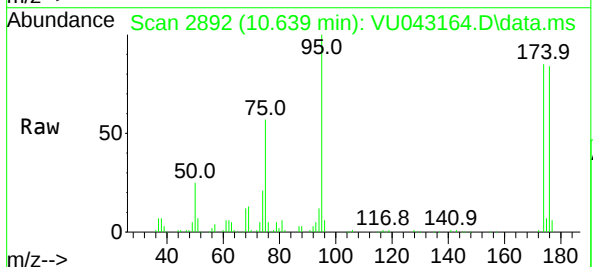
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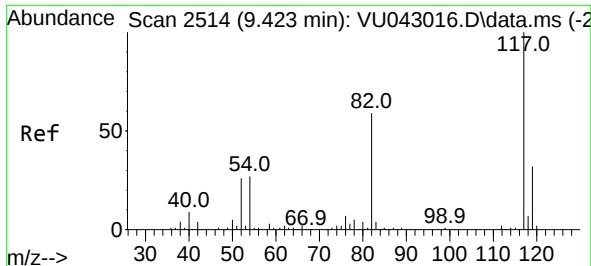
Tgt Ion: 43 Resp: 7211
Ion Ratio Lower Upper
43 100
58 32.4 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion: 95 Resp: 85792
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.2
176 83.8 0.0 168.8

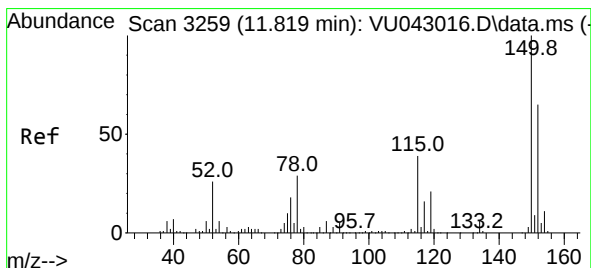
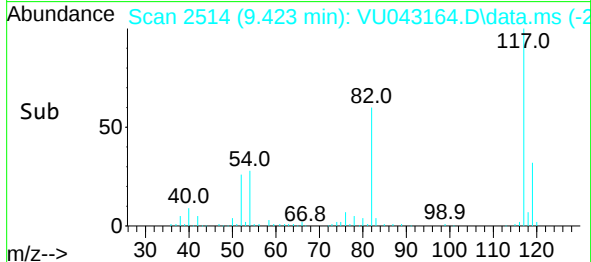
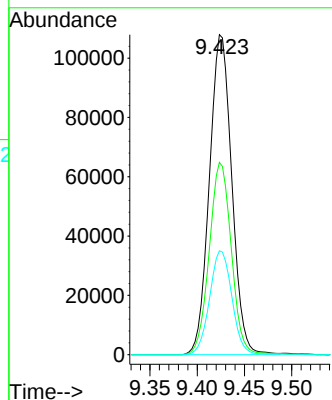
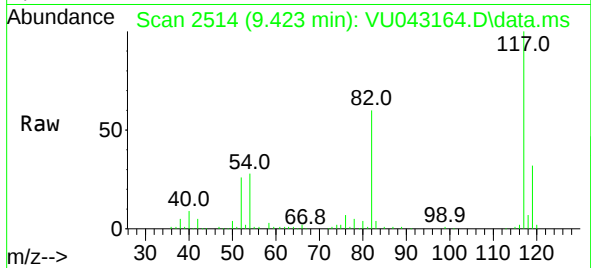




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Instrument :
MSVOA_U
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Tgt Ion:117 Resp: 177963
Ion Ratio Lower Upper
117 100
82 60.1 45.8 68.6
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043164.D
Acq: 16 Apr 2021 13:33

Tgt Ion:152 Resp: 83925
Ion Ratio Lower Upper
152 100
115 57.7 41.5 124.6
150 157.2 0.0 342.4

