

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043176.D
 Acq On : 16 Apr 2021 18:10
 Operator : SY/MD
 Sample : M2026-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PZ-15

Quant Time: Apr 17 02:34:28 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)

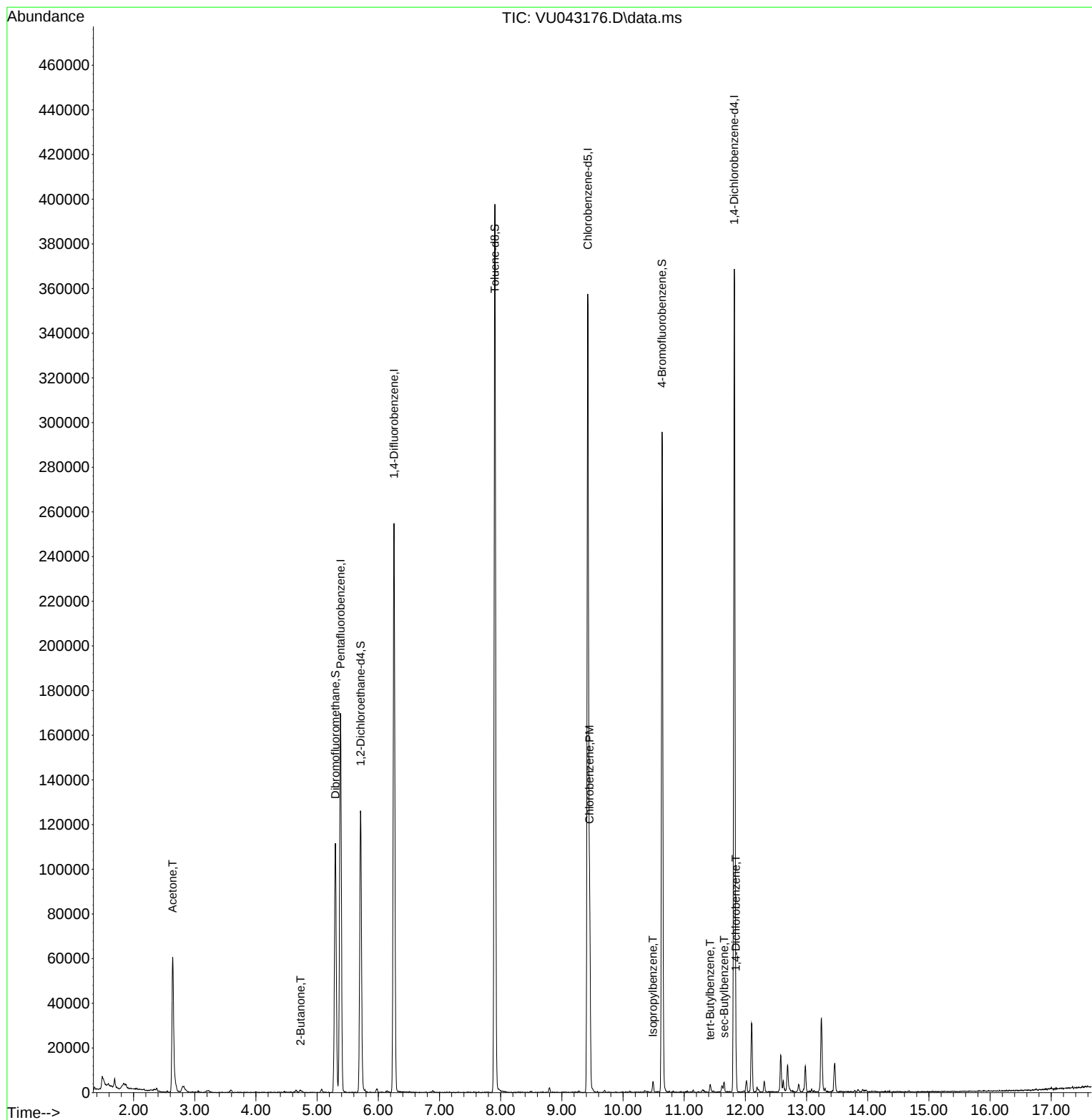
Internal Standards						
1) Pentafluorobenzene	5.382	168	115113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	190857	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	180936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98024	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.298	113	68272	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	7.906	98	240856	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	10.639	95	86668	42.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.30%	
Target Compounds						
						Qvalue
16) Acetone	2.639	43	79890	69.93	ug/l	99
25) 2-Butanone	4.729	43	2088	1.19	ug/l #	89
65) Chlorobenzene	9.452	112	40511	10.44	ug/l	100
73) Isopropylbenzene	10.491	105	3290	0.55	ug/l	100
83) tert-Butylbenzene	11.423	119	1604	0.31	ug/l #	65
85) sec-Butylbenzene	11.652	105	2802	0.46	ug/l	85
88) 1,4-Dichlorobenzene	11.844	146	3200	1.02	ug/l #	72

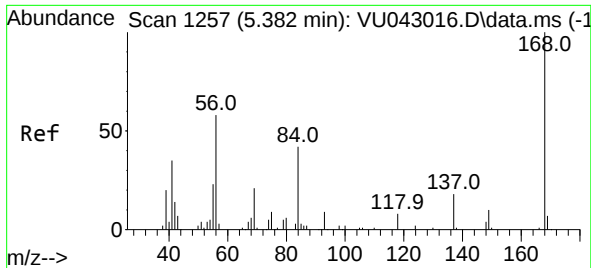
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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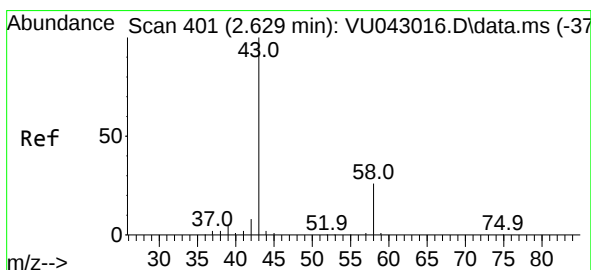
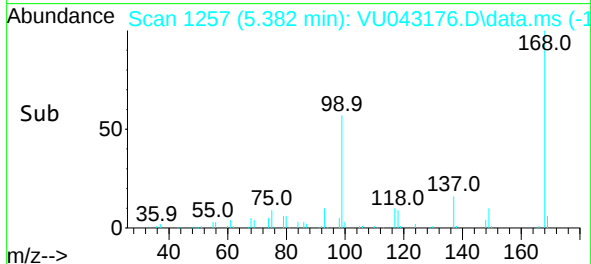
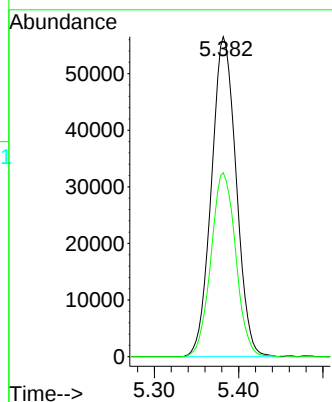
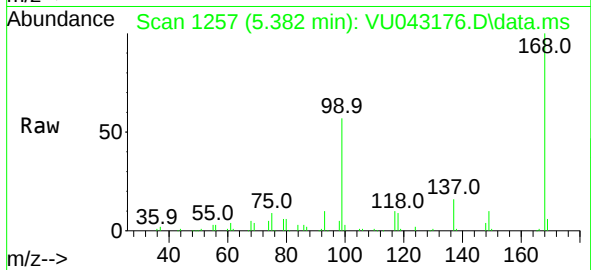




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

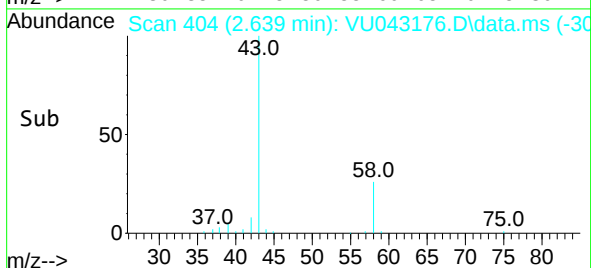
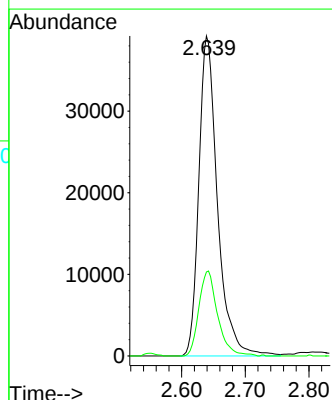
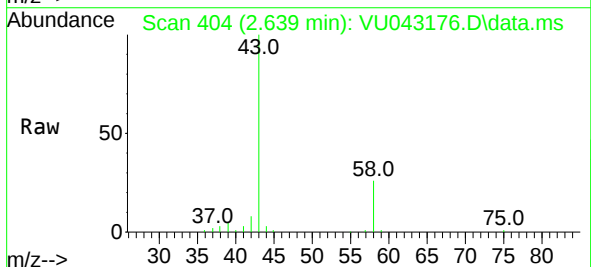
Instrument :
MSVOA_U
ClientSampled :
PZ-15

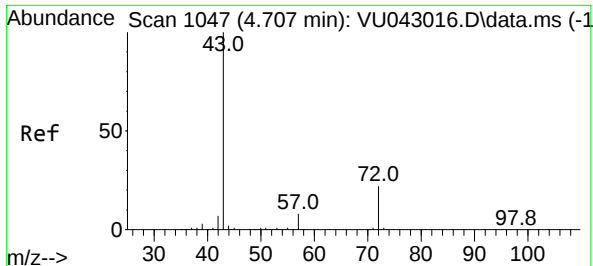
Tgt Ion:168 Resp: 115113
Ion Ratio Lower Upper
168 100
99 57.5 45.0 67.4



#16
Acetone
Concen: 69.93 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion: 43 Resp: 79890
Ion Ratio Lower Upper
43 100
58 26.2 21.5 32.3

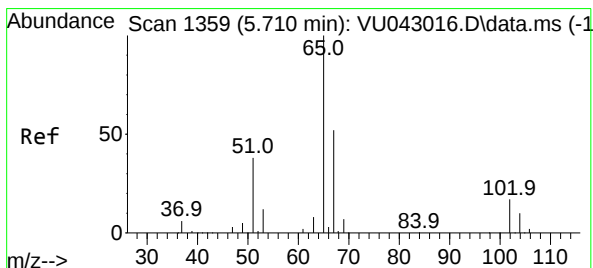
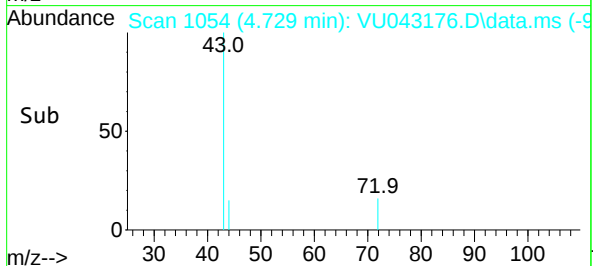
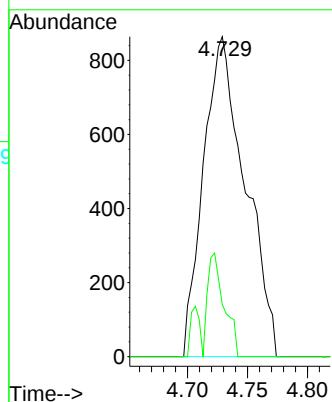
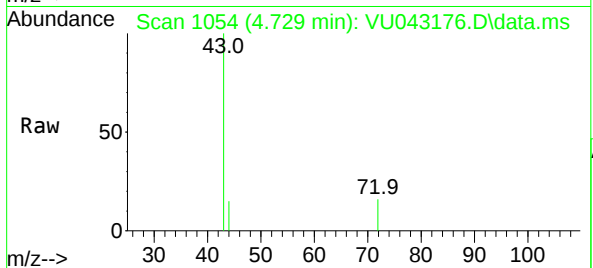




#25
2-Butanone
Concen: 1.19 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.022 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

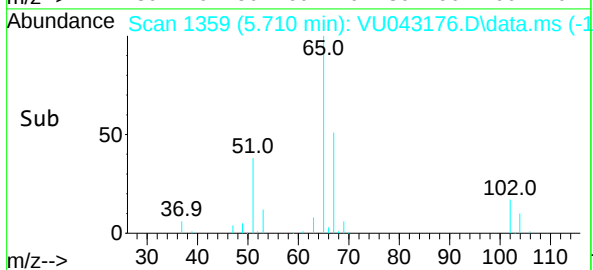
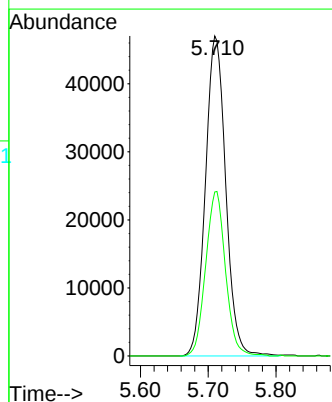
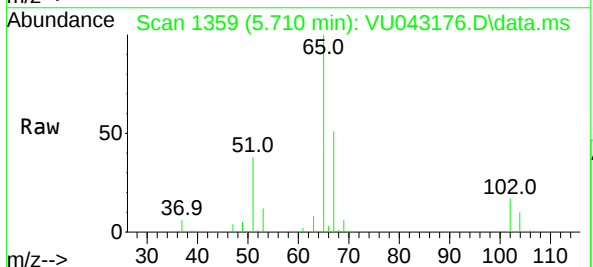
Instrument :
MSVOA_U
ClientSampled :
PZ-15

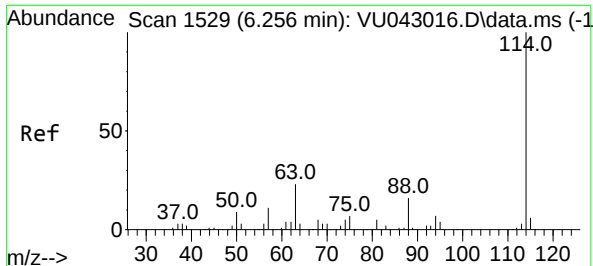
Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
72 16.3 17.4 26.0#



#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion: 65 Resp: 98024
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043176.D

Acq: 16 Apr 2021 18:10

Tgt Ion:114 Resp: 190857

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.2

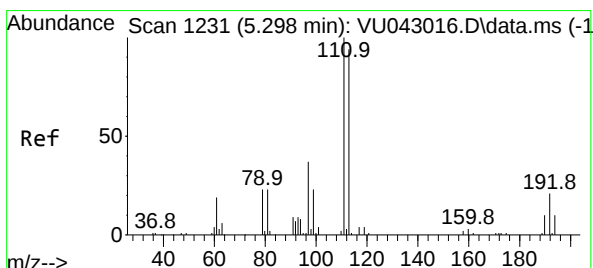
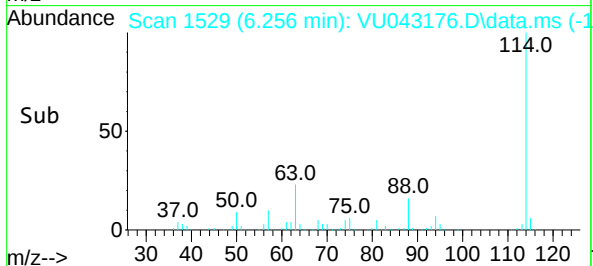
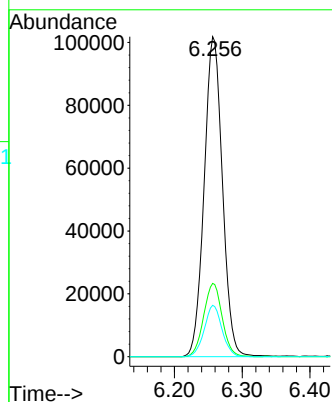
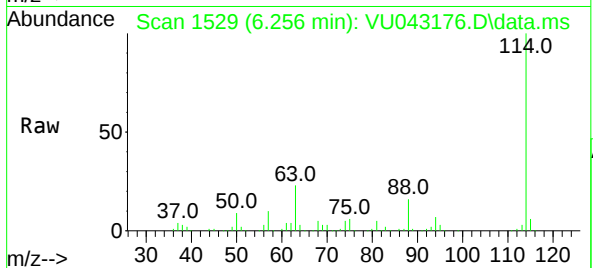
88 16.1 0.0 33.4

Instrument :

MSVOA_U

ClientSampled :

PZ-15



#35

Dibromofluoromethane

Concen: 47.60 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043176.D

Acq: 16 Apr 2021 18:10

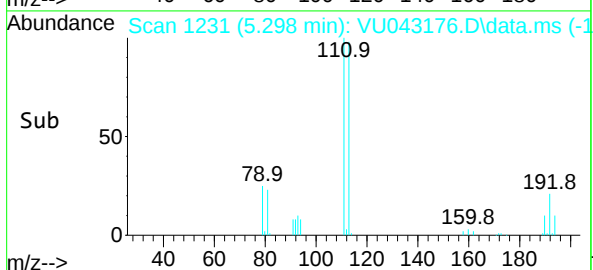
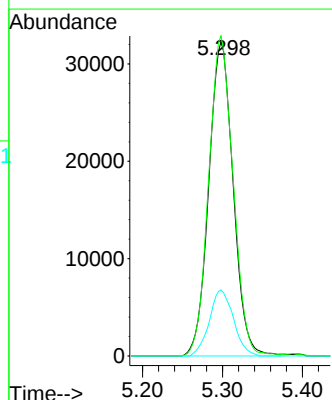
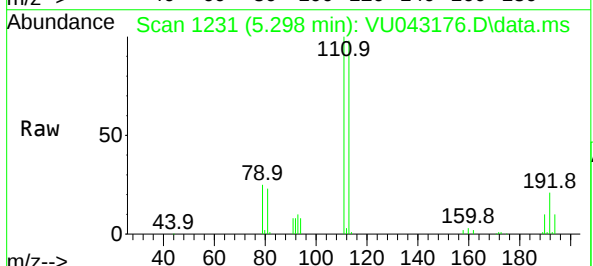
Tgt Ion:113 Resp: 68272

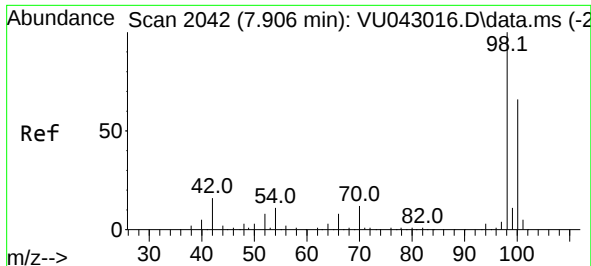
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 20.8 17.2 25.8

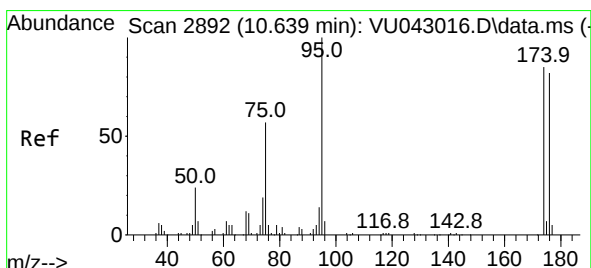
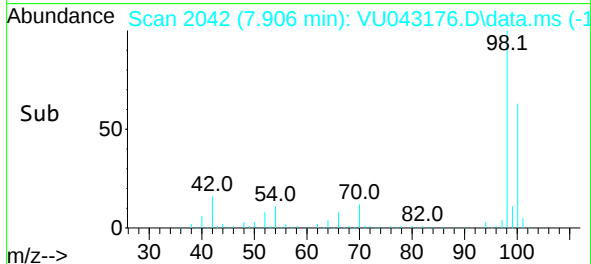
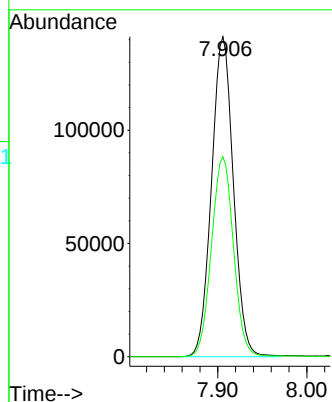
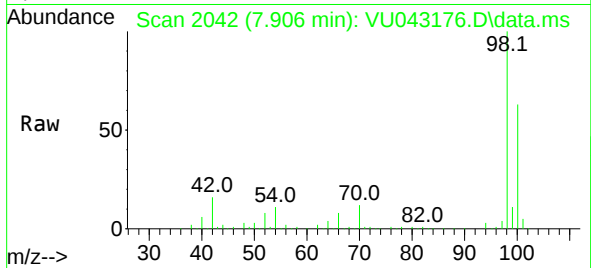




#50
Toluene-d8
Concen: 47.46 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

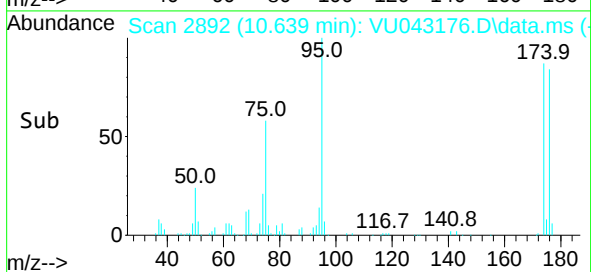
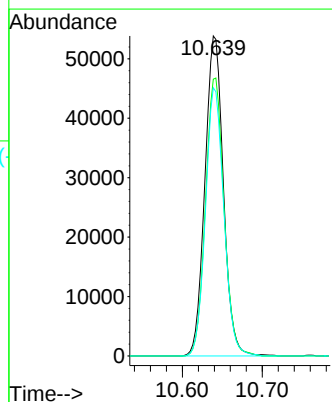
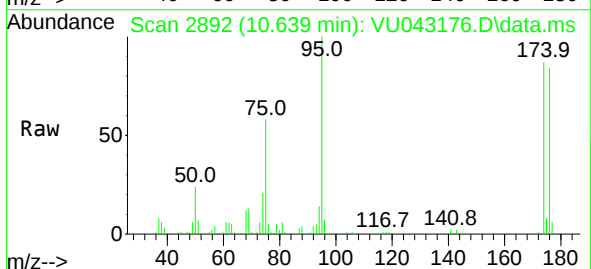
Instrument :
MSVOA_U
ClientSampleId :
PZ-15

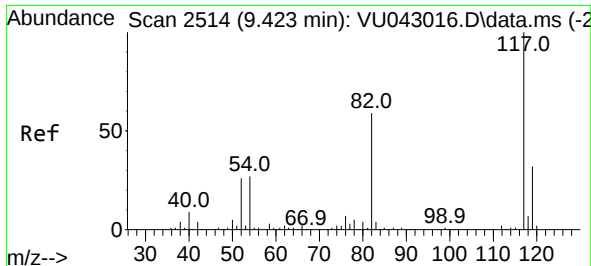
Tgt Ion: 98 Resp: 240856
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.65 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion: 95 Resp: 86668
Ion Ratio Lower Upper
95 100
174 86.9 0.0 172.2
176 83.2 0.0 168.8

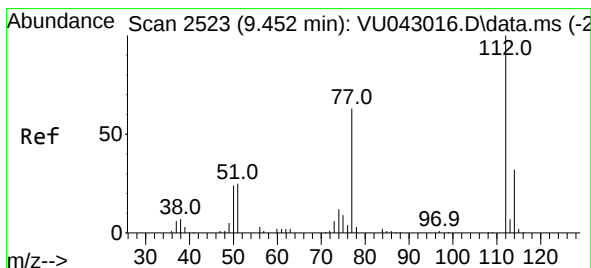
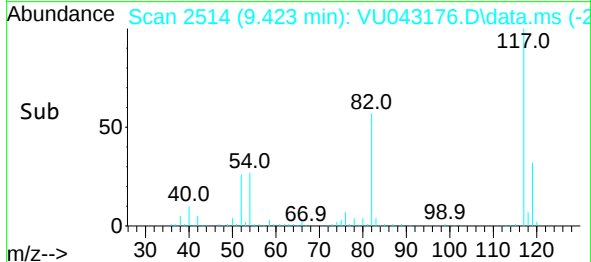
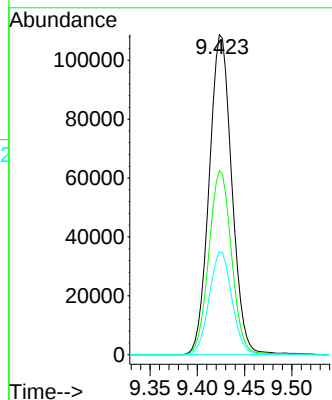
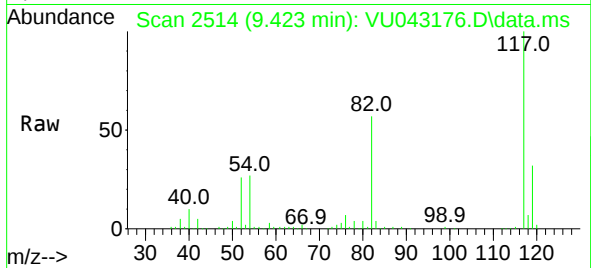




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

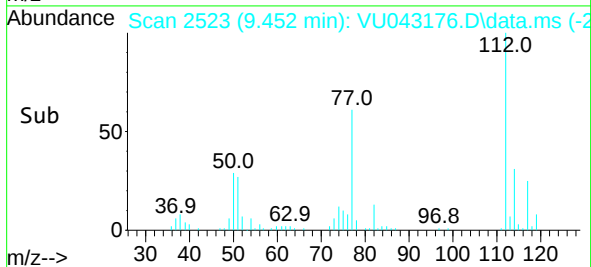
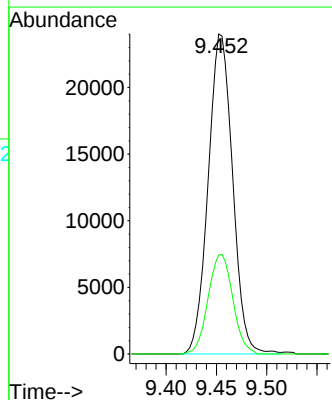
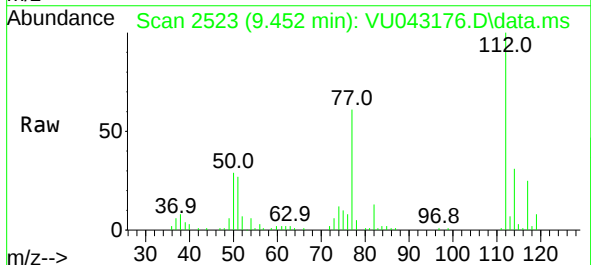
Instrument :
MSVOA_U
ClientSampleId :
PZ-15

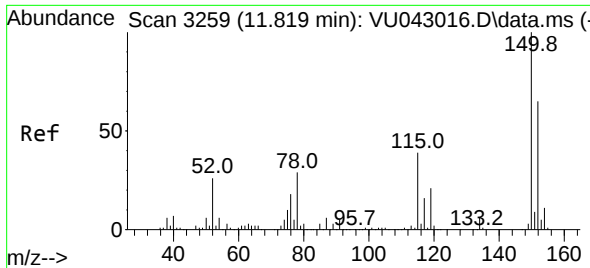
Tgt Ion:117 Resp: 180936
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 32.1 25.8 38.8



#65
Chlorobenzene
Concen: 10.44 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion:112 Resp: 40511
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

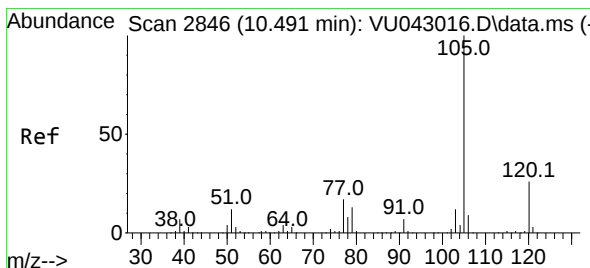
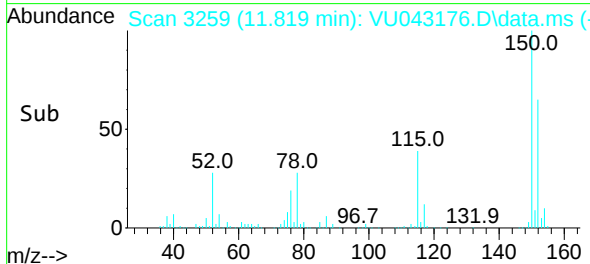
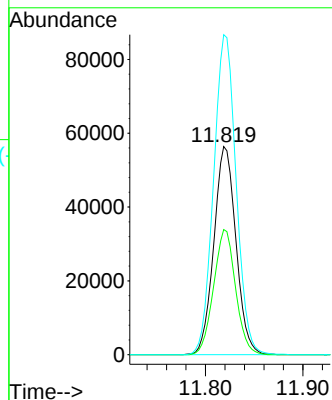
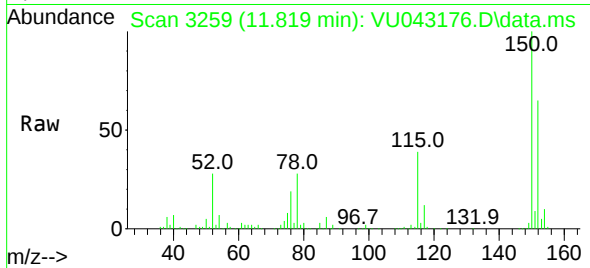




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

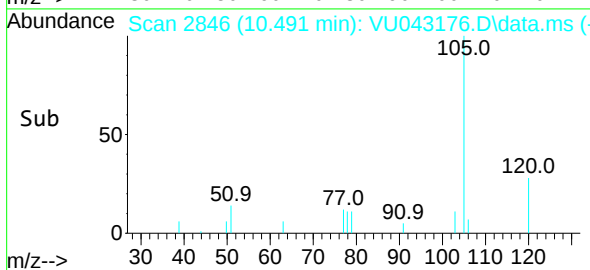
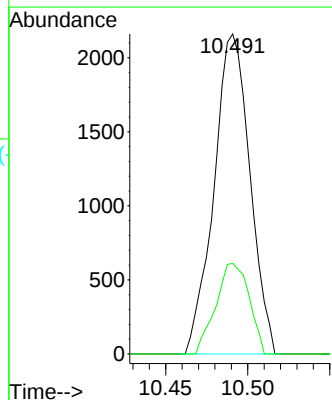
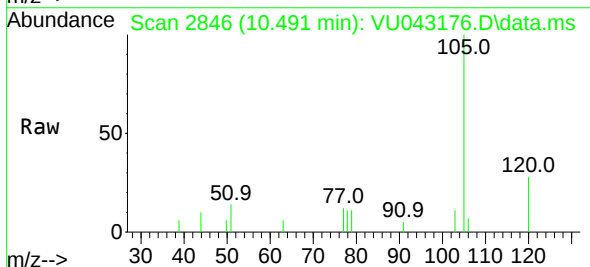
Instrument :
MSVOA_U
ClientSampled :
PZ-15

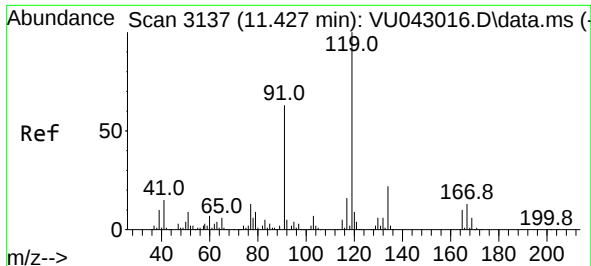
Tgt Ion:152 Resp: 88881
Ion Ratio Lower Upper
152 100
115 59.6 41.5 124.6
150 156.7 0.0 342.4



#73
Isopropylbenzene
Concen: 0.55 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion:105 Resp: 3290
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

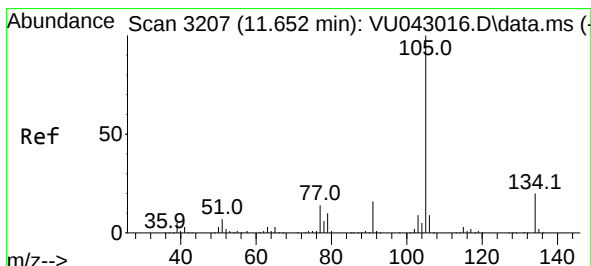
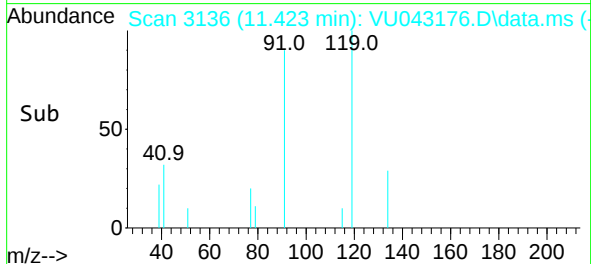
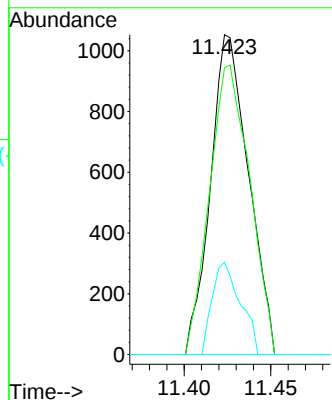
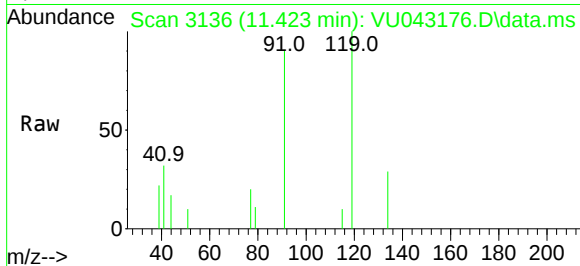




#83
tert-Butylbenzene
Concen: 0.31 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.004 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

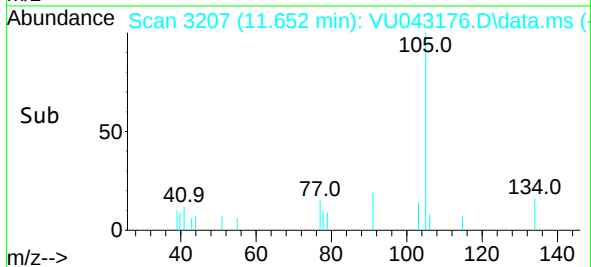
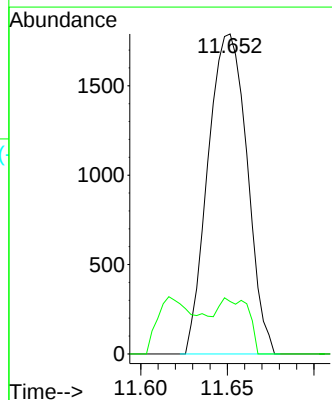
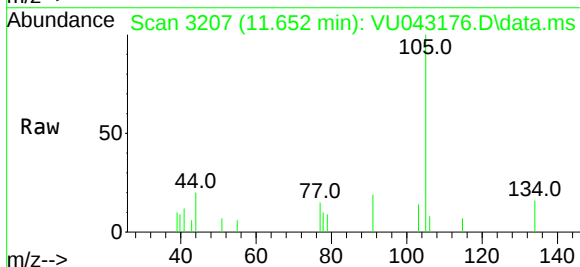
Instrument :
MSVOA_U
ClientSampled :
PZ-15

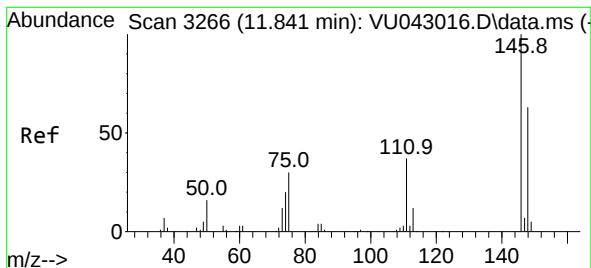
Tgt Ion:119 Resp: 1604
Ion Ratio Lower Upper
119 100
91 96.1 30.3 90.9#
134 21.4 11.4 34.1



#85
sec-Butylbenzene
Concen: 0.46 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU043176.D
Acq: 16 Apr 2021 18:10

Tgt Ion:105 Resp: 2802
Ion Ratio Lower Upper
105 100
134 13.2 10.0 30.0





#88

1,4-Dichlorobenzene

Concen: 1.02 ug/l

RT: 11.844 min Scan# 3267

Delta R.T. 0.003 min

Lab File: VU043176.D

Acq: 16 Apr 2021 18:10

Tgt Ion:146 Resp: 3200

Ion Ratio Lower Upper

146 100

111 78.7 19.7 59.0#

148 70.8 32.8 98.3

