

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041621\
 Data File : VU043158.D
 Acq On : 16 Apr 2021 11:03
 Operator : SY/MD
 Sample : VU0416WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBL01

Quant Time: Apr 17 02:28:18 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)

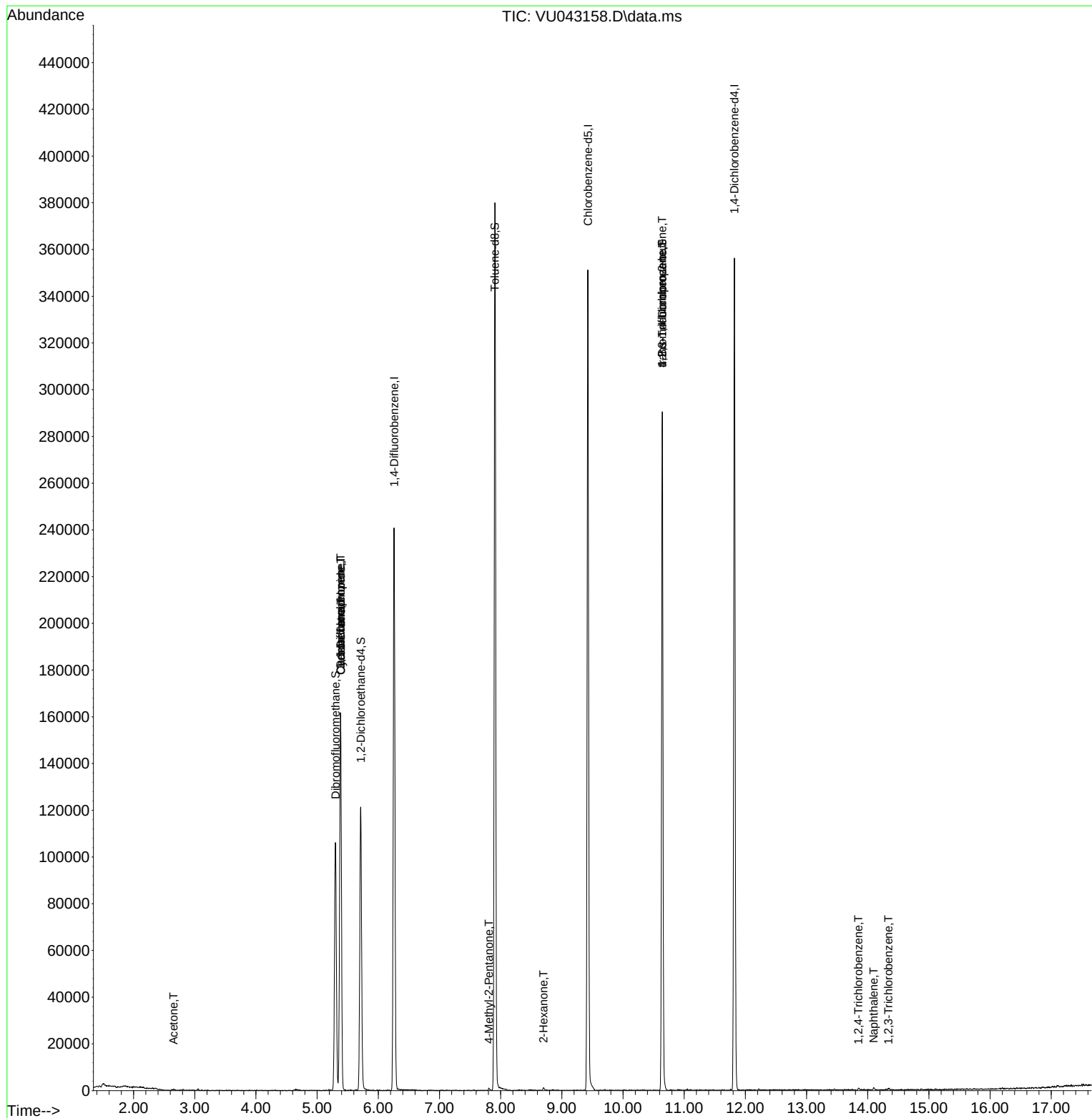
Internal Standards						
1) Pentafluorobenzene	5.382	168	110055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	181527	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	178113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	88486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	94765	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	5.301	113	65708	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	7.906	98	233099	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	10.642	95	84566	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
Target Compounds						Qvalue
3) Chloromethane	1.520	50	223	Below Cal	#	41
16) Acetone	2.652	43	648	0.29	ug/l	93
31) Cyclohexane	5.385	56	2948	1.29	ug/l #	32
36) 1,1-Dichloropropene	5.382	75	9251	4.80	ug/l #	48
38) Carbon Tetrachloride	5.385	117	10878	5.27	ug/l #	16
51) 4-Methyl-2-Pentanone	7.806	43	1040	0.30	ug/l #	58
59) 2-Hexanone	8.700	43	1025	0.36	ug/l	90
76) 1,2,3-Trichloropropane	10.642	75	49975	19.33	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.642	75	49975	56.79	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.844	180	216	1.61	ug/l #	18
94) Hexachlorobutadiene	14.034	225	65	Below Cal	#	18
95) Naphthalene	14.098	128	1399	2.95	ug/l #	75
96) 1,2,3-Trichlorobenzene	14.339	180	430	1.67	ug/l #	57

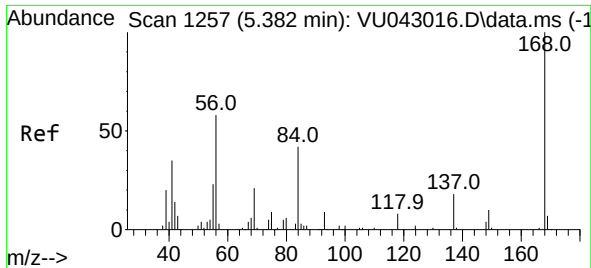
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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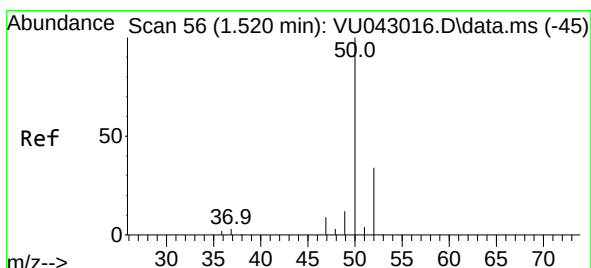
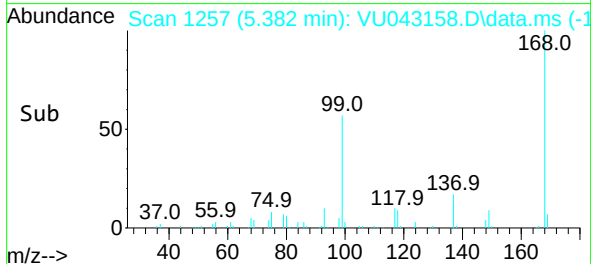
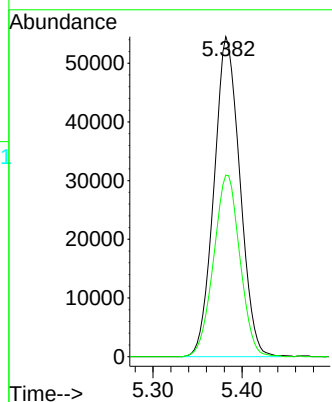
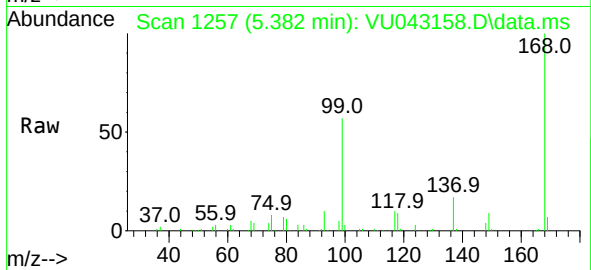




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

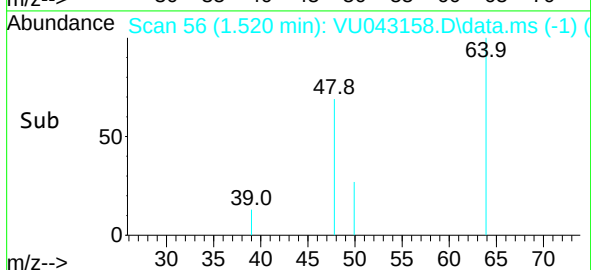
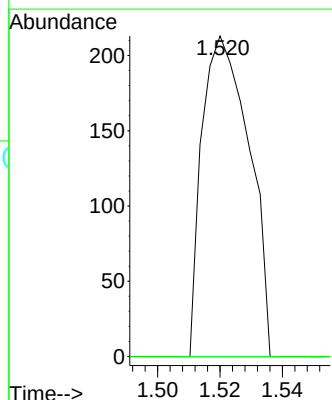
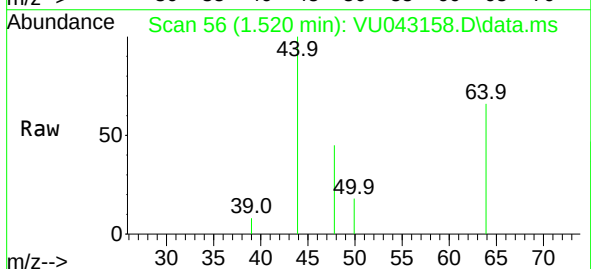
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

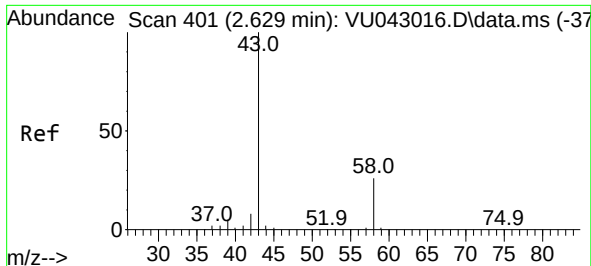
Tgt Ion:168 Resp: 110055
Ion Ratio Lower Upper
168 100
99 56.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

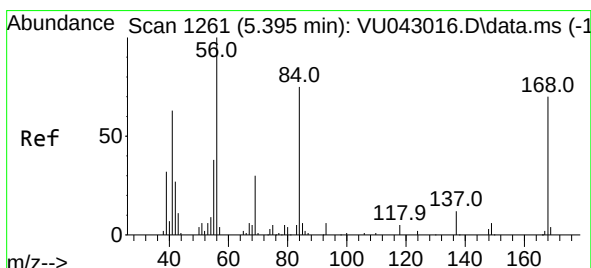
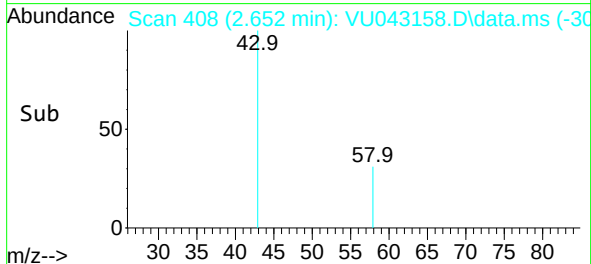
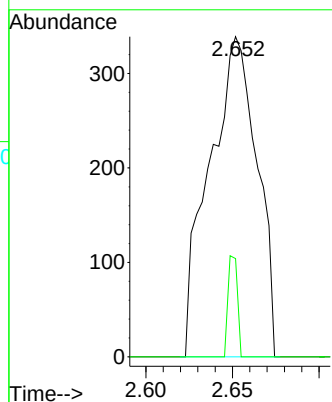
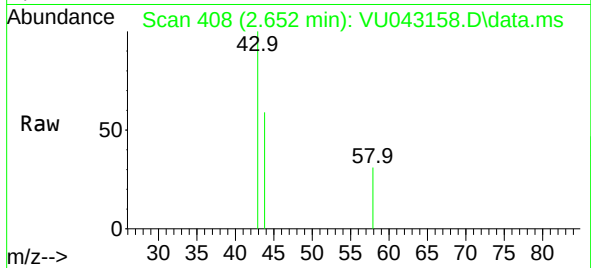




#16
Acetone
Concen: 0.29 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.023 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

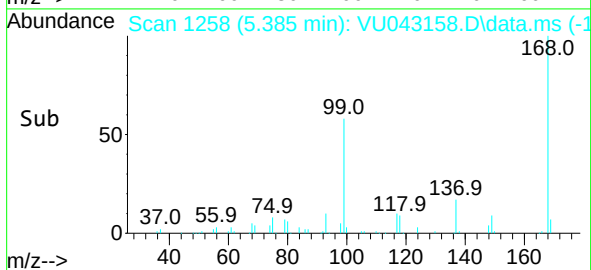
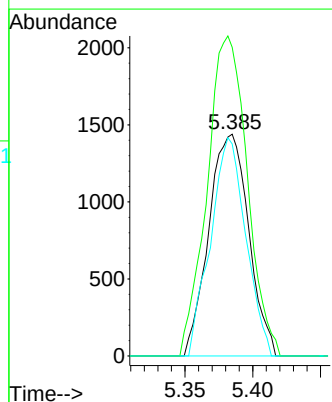
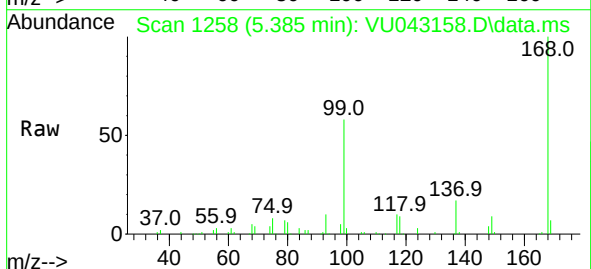
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

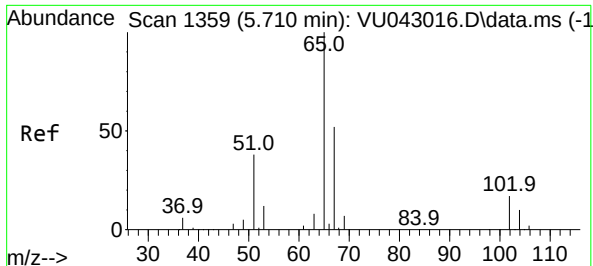
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 30.7 21.5 32.3



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion: 56 Resp: 2948
Ion Ratio Lower Upper
56 100
69 139.2 24.9 37.3#
84 95.6 63.7 95.5#

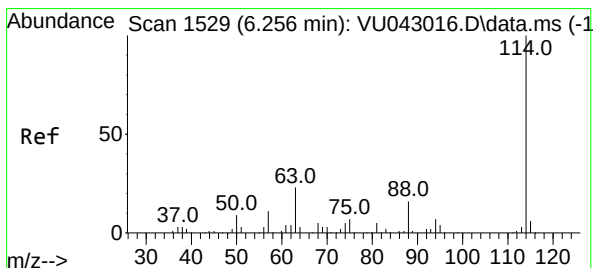
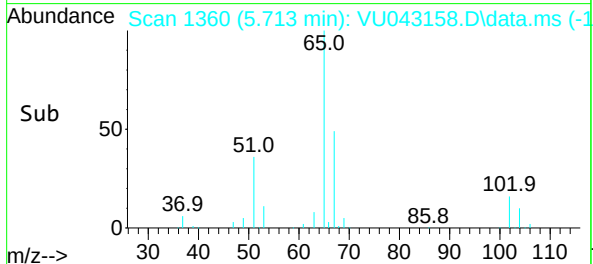
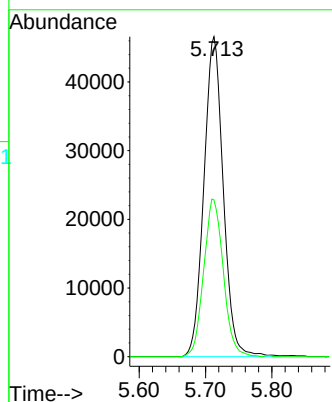
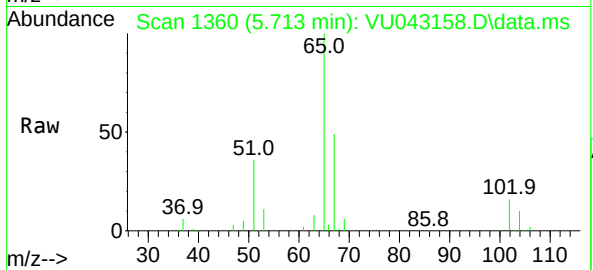




#33
1,2-Dichloroethane-d4
Concen: 51.22 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

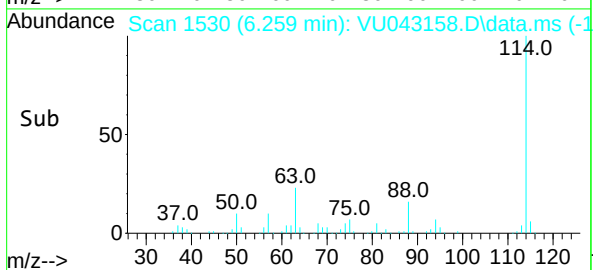
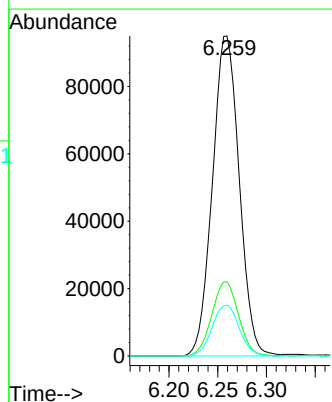
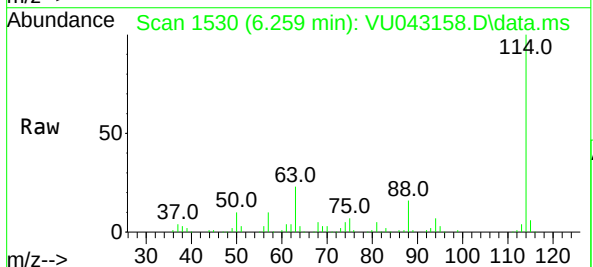
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

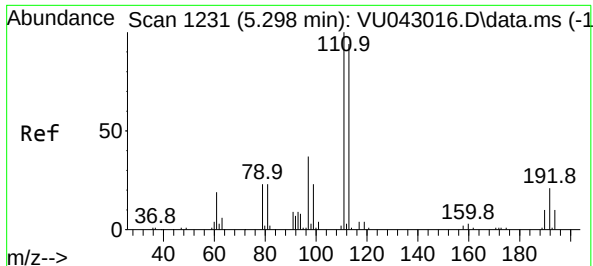
Tgt Ion: 65 Resp: 94765
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion: 114 Resp: 181527
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.2
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.17 ug/l

RT: 5.301 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VU043158.D

Acq: 16 Apr 2021 11:03

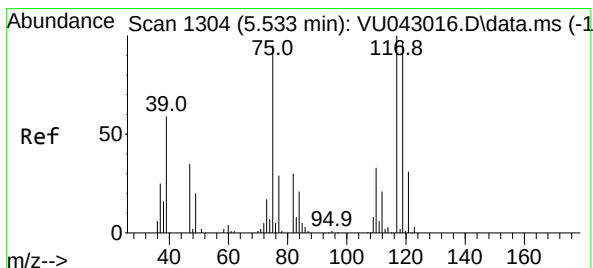
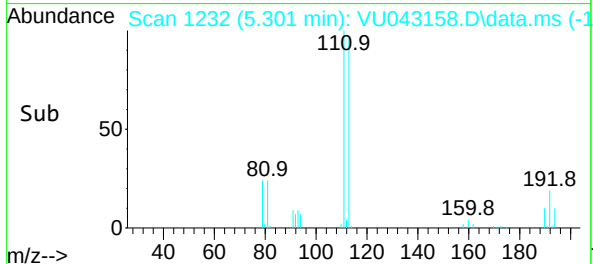
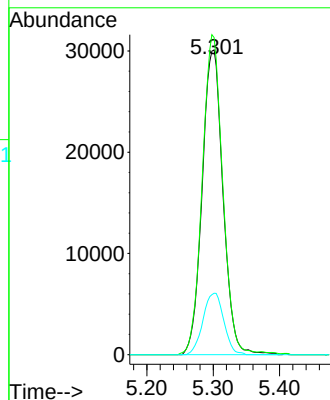
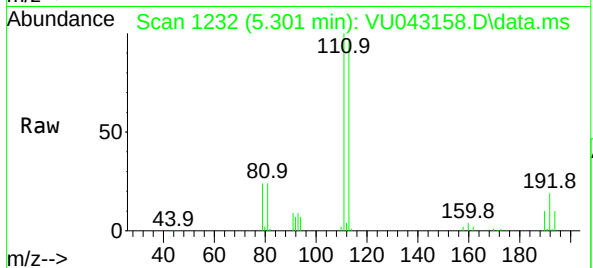
Tgt Ion:113 Resp: 65708

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 20.1 17.2 25.8



#36

1,1-Dichloropropene

Concen: 4.80 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.151 min

Lab File: VU043158.D

Acq: 16 Apr 2021 11:03

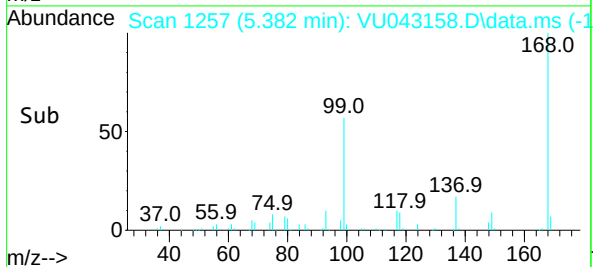
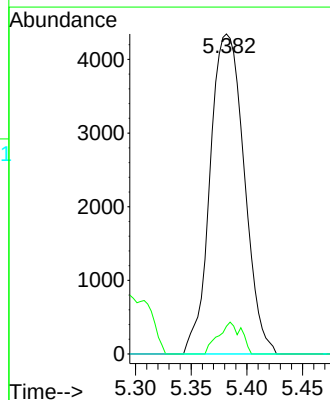
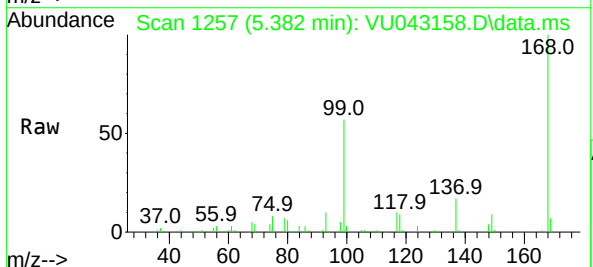
Tgt Ion: 75 Resp: 9251

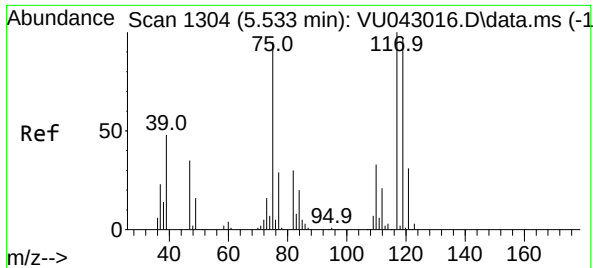
Ion Ratio Lower Upper

75 100

110 6.7 16.8 50.3#

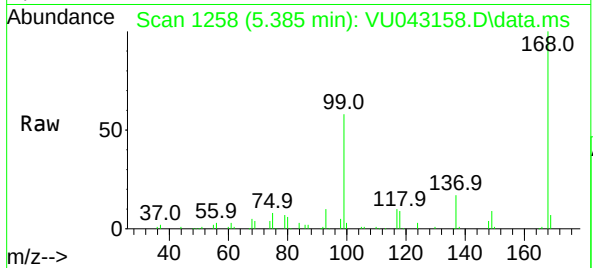
77 0.0 24.8 37.2#



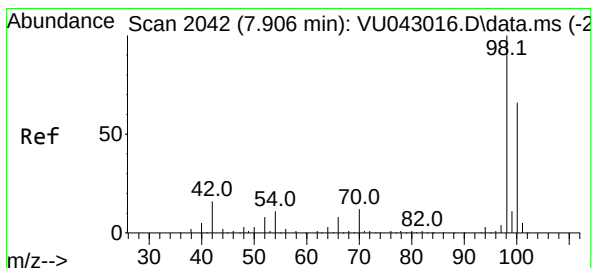
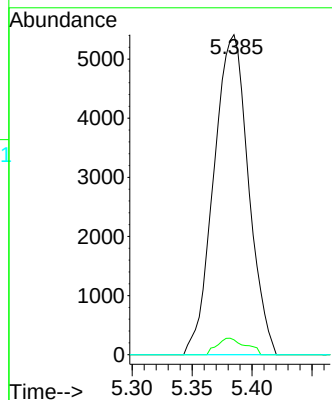
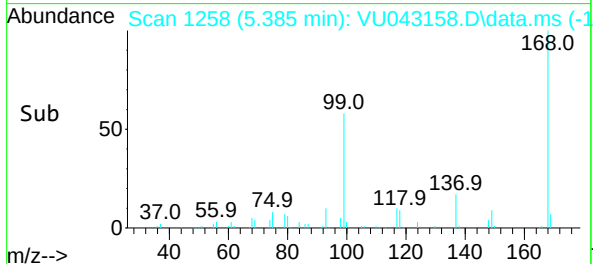


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

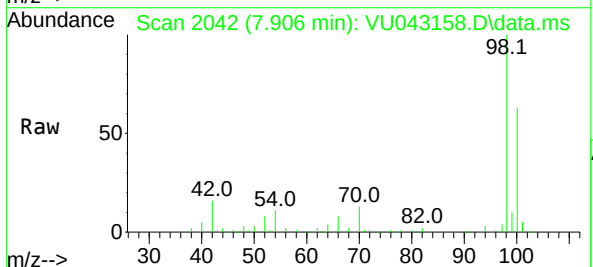
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01



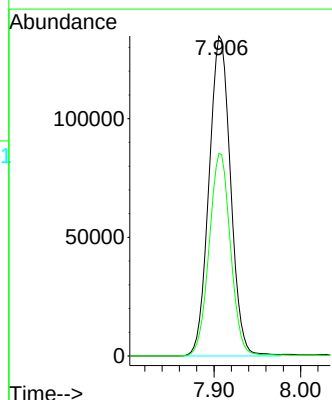
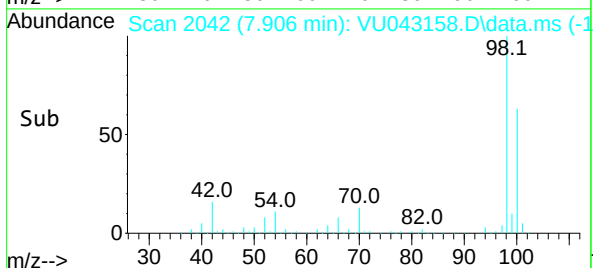
Tgt Ion: 117 Resp: 10878
Ion Ratio Lower Upper
117 100
119 4.7 75.5 113.3#
121 0.0 24.7 37.1#

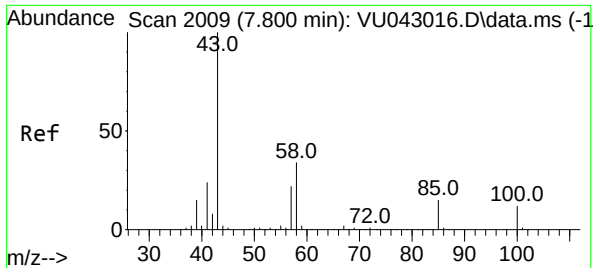


#50
Toluene-d8
Concen: 48.29 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03



Tgt Ion: 98 Resp: 233099
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2

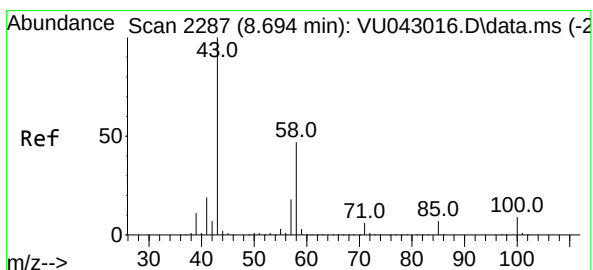
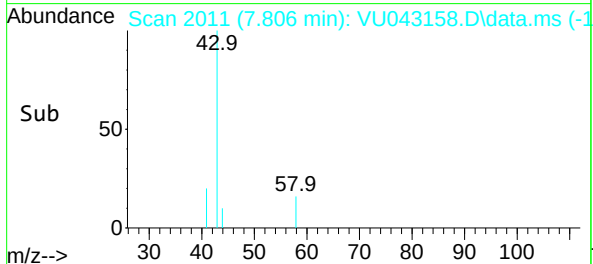
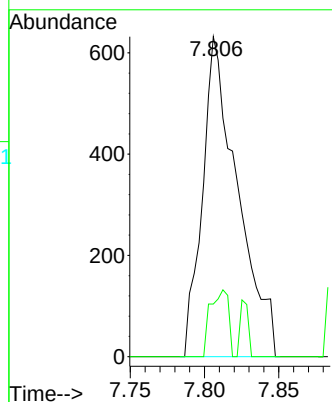
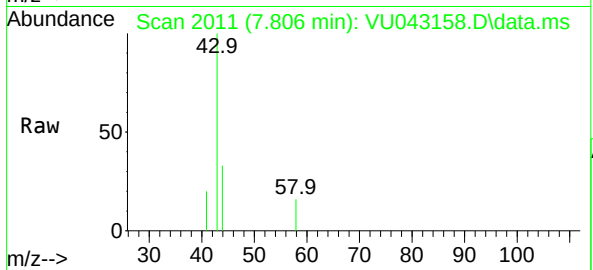




#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

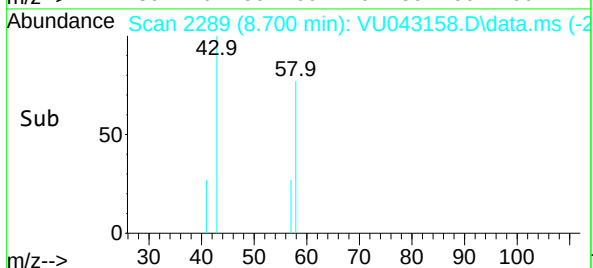
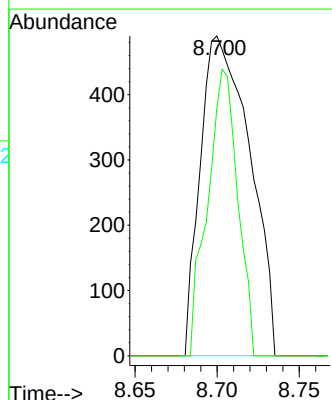
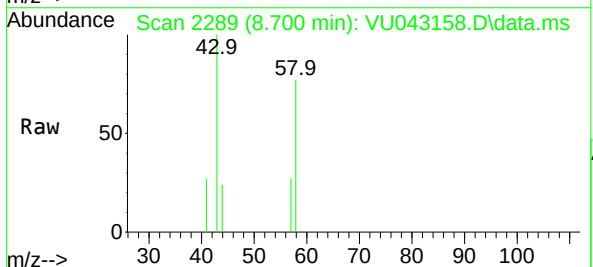
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

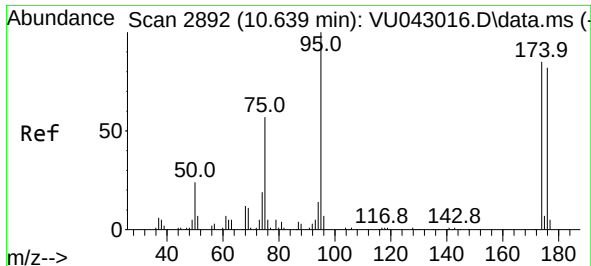
Tgt Ion: 43 Resp: 1040
Ion Ratio Lower Upper
43 100
58 10.7 28.1 42.1#



#59
2-Hexanone
Concen: 0.36 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 54.7 24.0 72.0

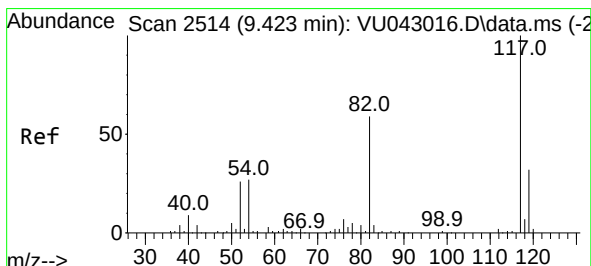
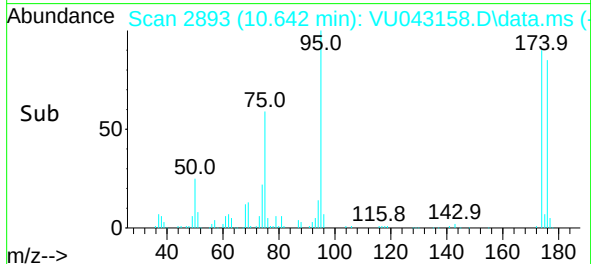
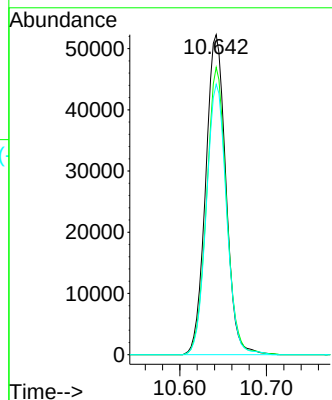
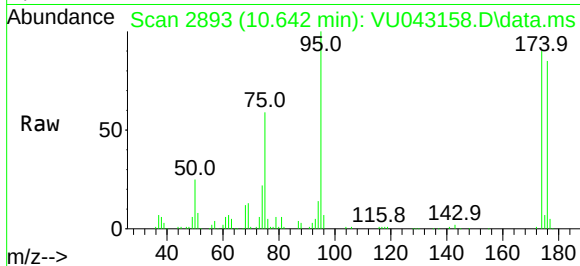




#62
4-Bromofluorobenzene
Concen: 43.75 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

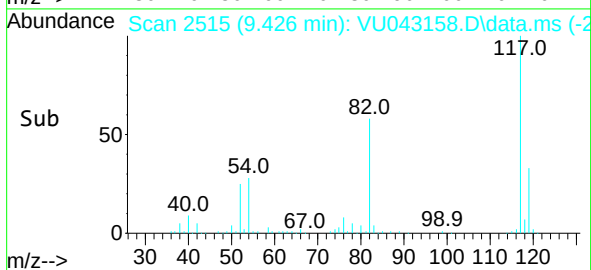
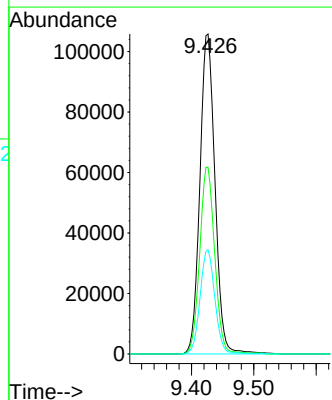
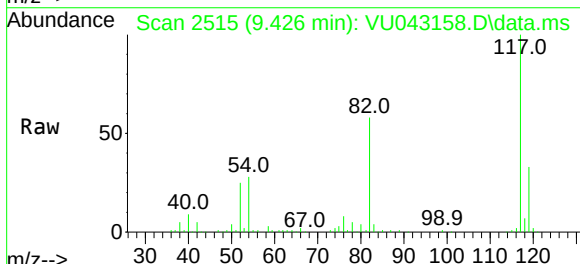
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

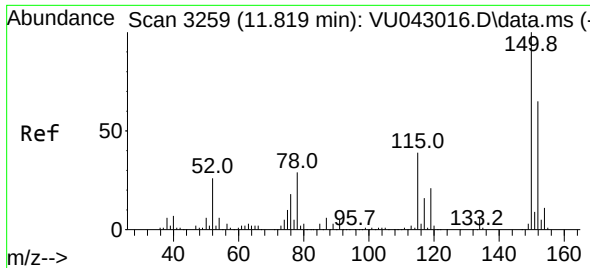
Tgt Ion:	95	Resp:	84566
Ion Ratio	Lower	Upper	
95	100		
174	88.6	0.0	172.2
176	84.5	0.0	168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.426 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion:	117	Resp:	178113
Ion Ratio	Lower	Upper	
117	100		
82	58.4	45.8	68.6
119	32.6	25.8	38.8

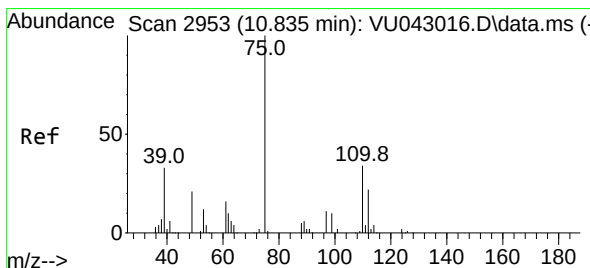
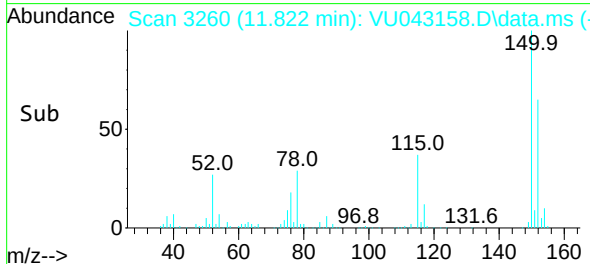
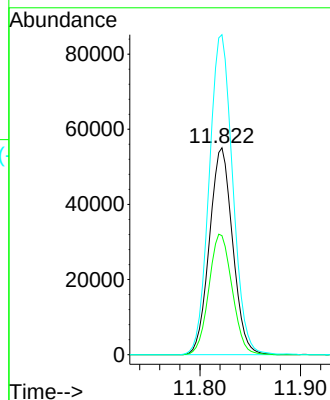
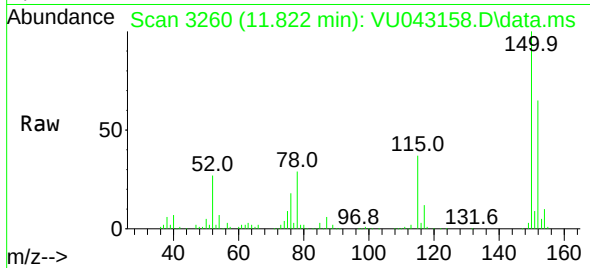




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.003 min
 Lab File: VU043158.D
 Acq: 16 Apr 2021 11:03

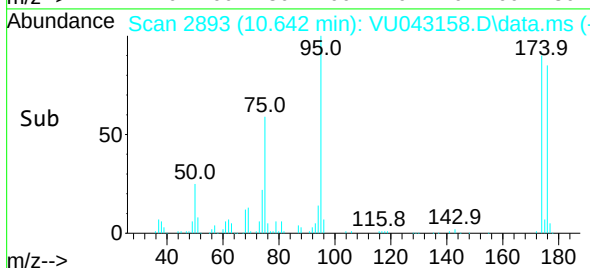
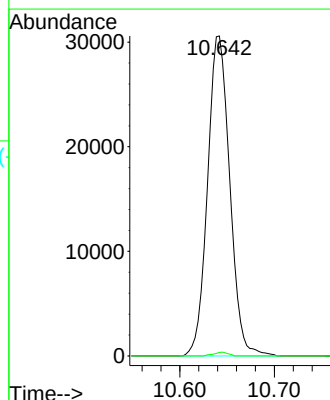
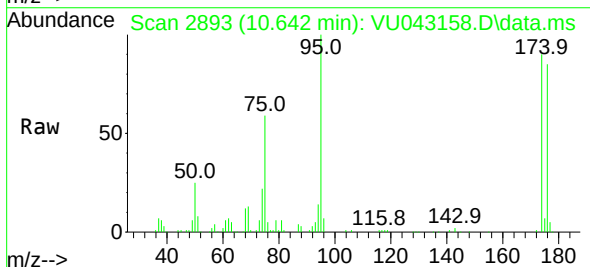
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBL01

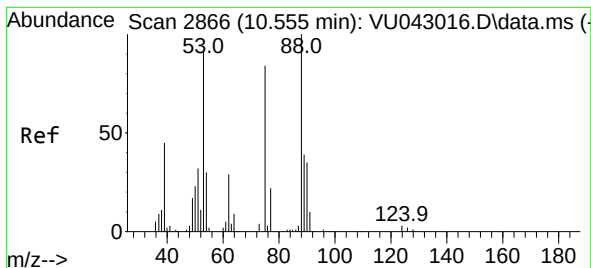
Tgt Ion:152 Resp: 88486
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.5 124.6
 150 156.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.33 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.193 min
 Lab File: VU043158.D
 Acq: 16 Apr 2021 11:03

Tgt Ion: 75 Resp: 49975
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.2 60.5#

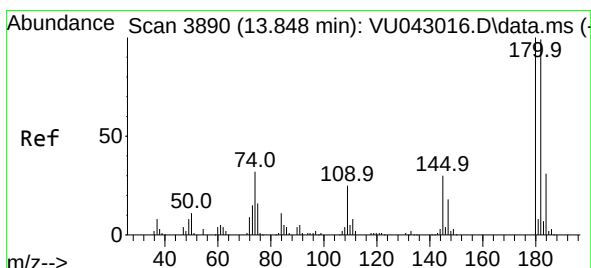
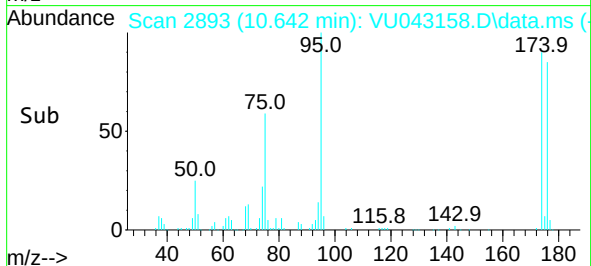
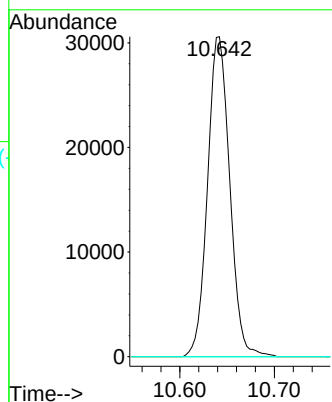
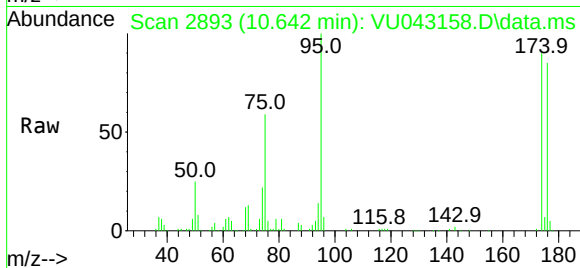




#81
trans-1,4-Dichloro-2-butene
Concen: 56.79 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

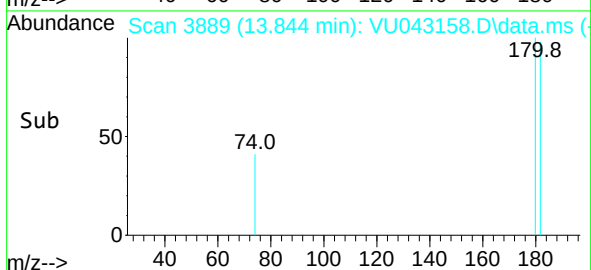
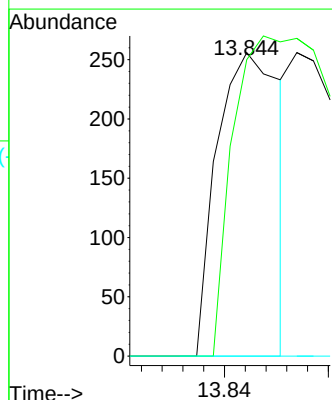
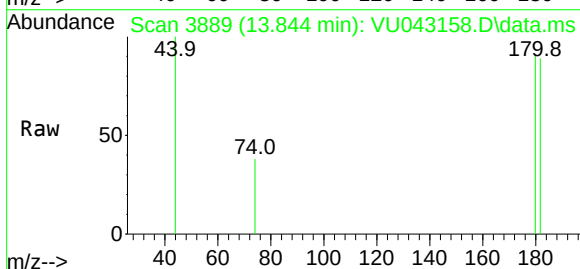
Instrument :
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ClientSampleId :
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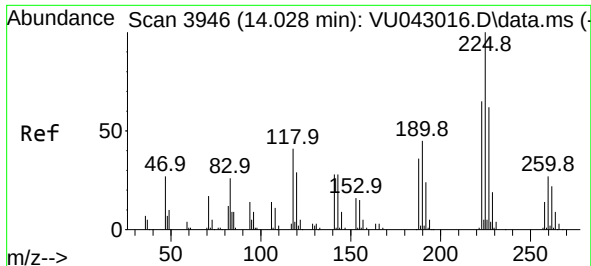
Tgt Ion: 75 Resp: 49975
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.61 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. -0.004 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

Tgt Ion: 180 Resp: 216
Ion Ratio Lower Upper
180 100
182 181.5 46.9 140.8#
145 0.0 14.4 43.4#

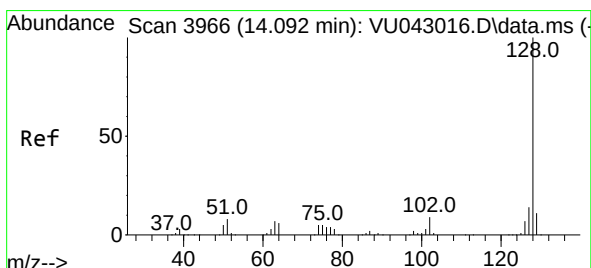
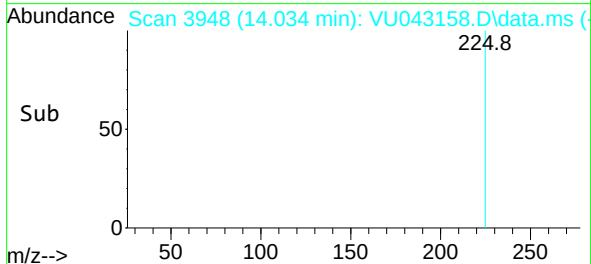
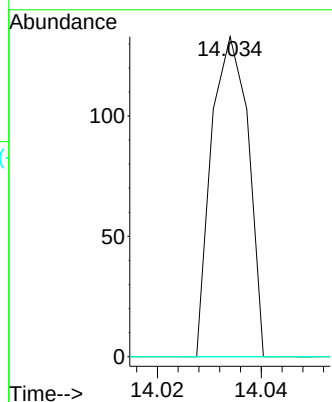
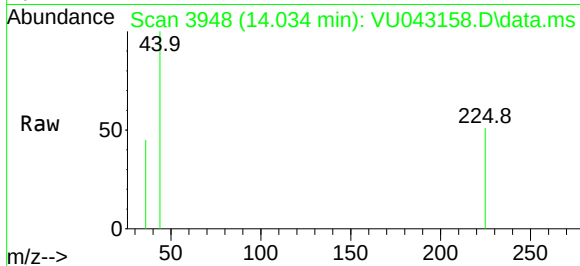




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.034 min Scan# 3948
Delta R.T. 0.006 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

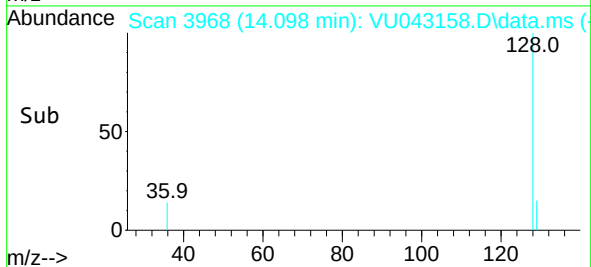
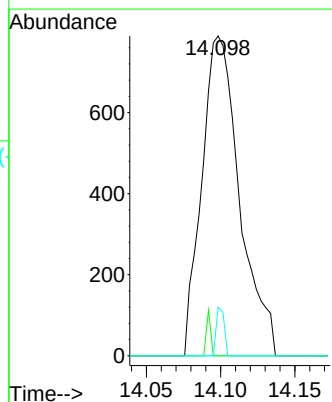
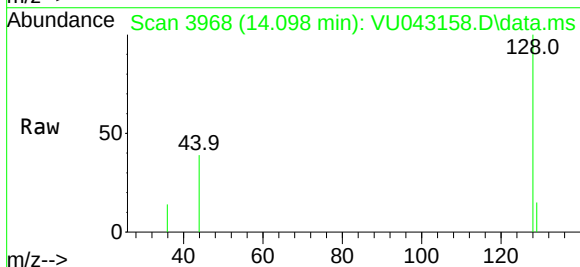
Instrument :
MSVOA_U
ClientSampleId :
VU0416WBL01

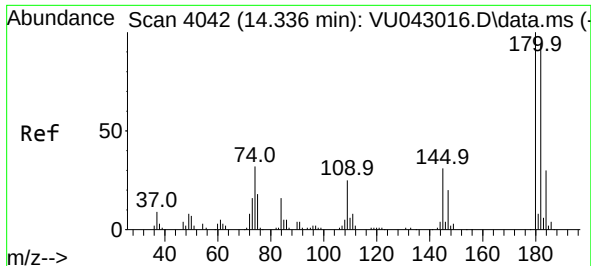
Tgt Ion:225 Resp: 65
Ion Ratio Lower Upper
225 100
223 0.0 32.3 96.9#
227 0.0 31.8 95.4#



#95
Naphthalene
Concen: 2.95 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043158.D
Acq: 16 Apr 2021 11:03

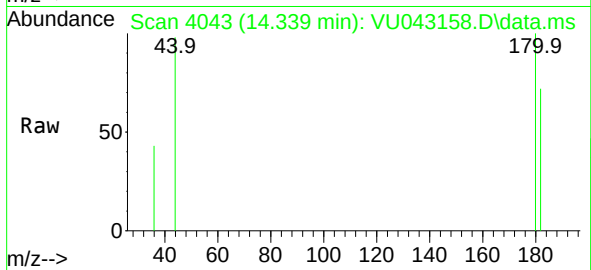
Tgt Ion:128 Resp: 1399
Ion Ratio Lower Upper
128 100
127 1.6 10.8 16.2#
129 3.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.67 ug/l
 RT: 14.339 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU043158.D
 Acq: 16 Apr 2021 11:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBL01



Tgt Ion:180 Resp: 430
 Ion Ratio Lower Upper
 180 100
 182 58.1 48.0 144.0
 145 0.0 15.5 46.5#

