

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043022.D
 Acq On : 12 Apr 2021 14:45
 Operator : SY/MD
 Sample : VU0412WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0412WBL01

Quant Time: Apr 13 05:12:43 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)

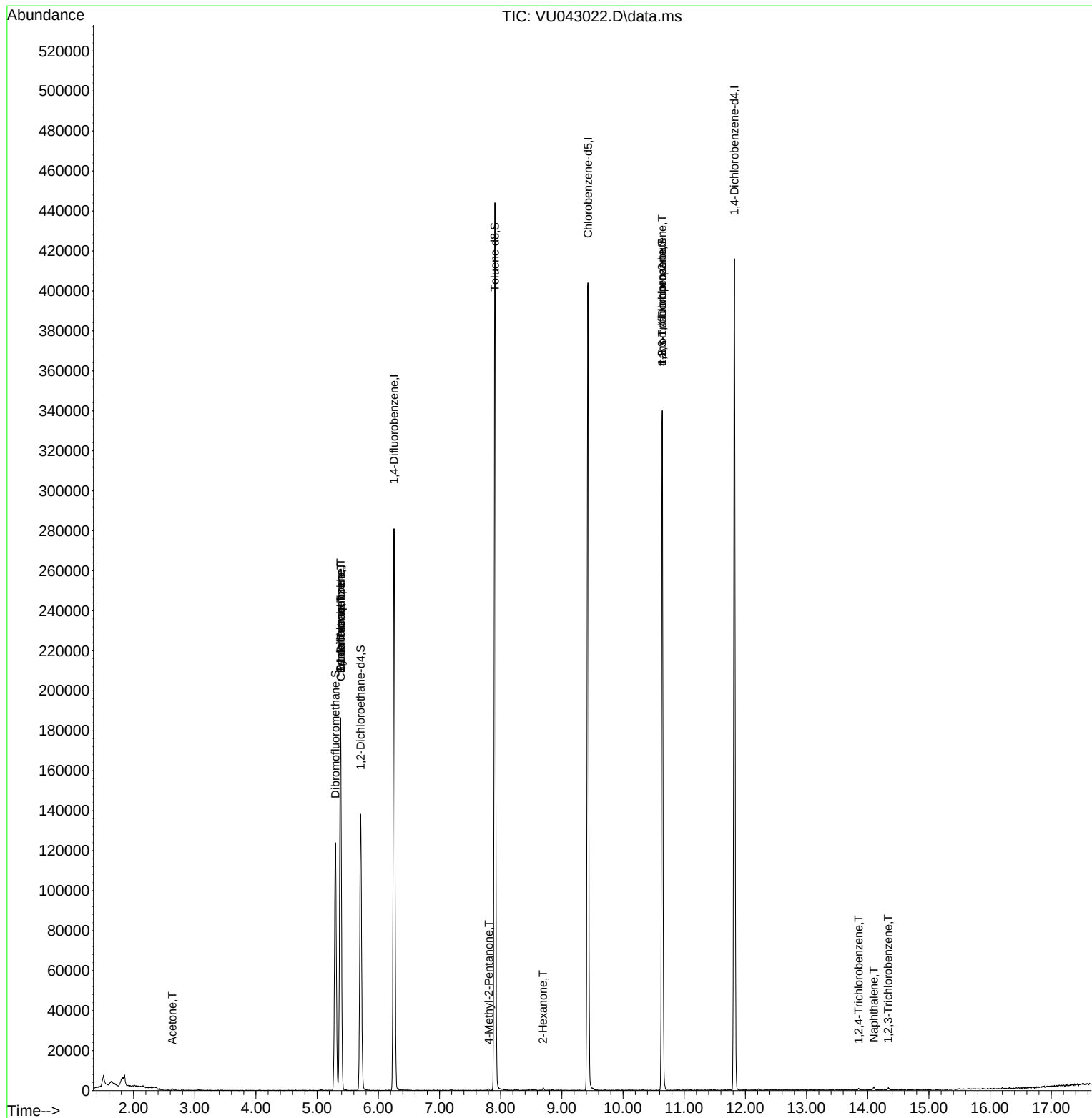
Internal Standards						
1) Pentafluorobenzene	5.382	168	127157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	210812	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	205144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	101866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107915	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	5.298	113	75637	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	7.906	98	271257	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.642	95	101384	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	409	Below Cal	#	41
16) Acetone	2.636	43	872	0.39	ug/l	100
31) Cyclohexane	5.382	56	3260	1.24	ug/l #	41
36) 1,1-Dichloropropene	5.382	75	10590	4.74	ug/l #	51
38) Carbon Tetrachloride	5.385	117	12944	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	7.806	43	815	0.20	ug/l #	62
59) 2-Hexanone	8.694	43	952	0.29	ug/l	99
76) 1,2,3-Trichloropropane	10.642	75	57374	19.27	ug/l #	37
81) trans-1,4-Dichloro-2-b...	10.642	75	57374	56.64	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.851	180	415	1.68	ug/l #	77
94) Hexachlorobutadiene	14.034	225	53	Below Cal	#	47
95) Naphthalene	14.102	128	2110	3.01	ug/l #	81
96) 1,2,3-Trichlorobenzene	14.336	180	269	1.57	ug/l #	50

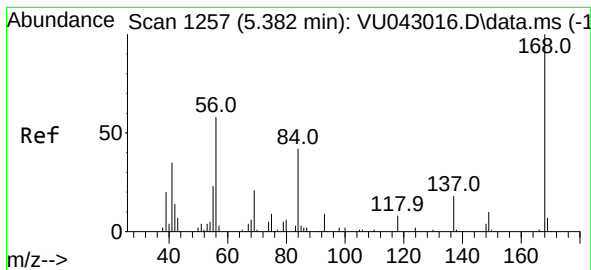
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

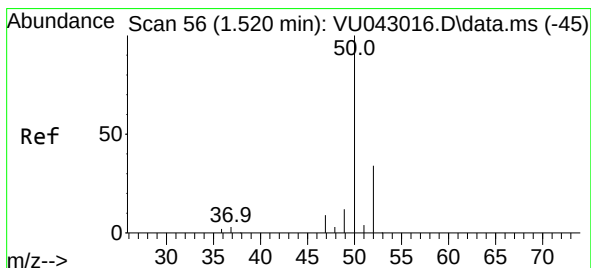
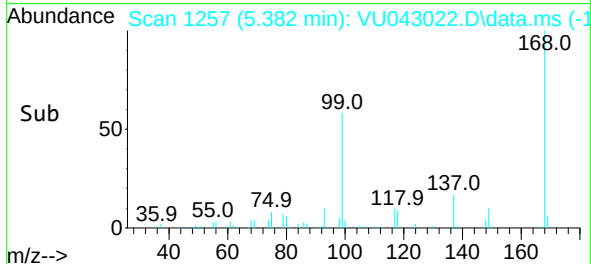
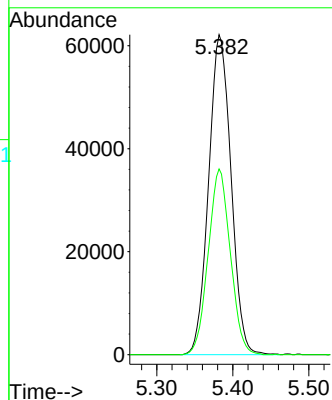
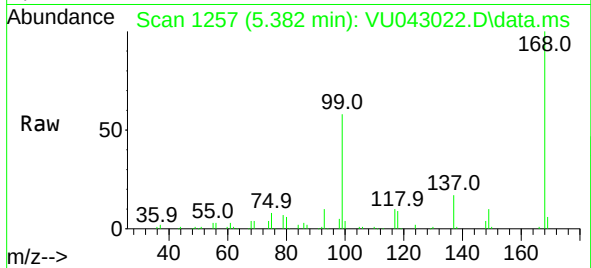




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

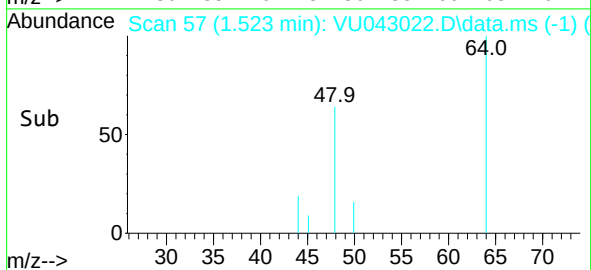
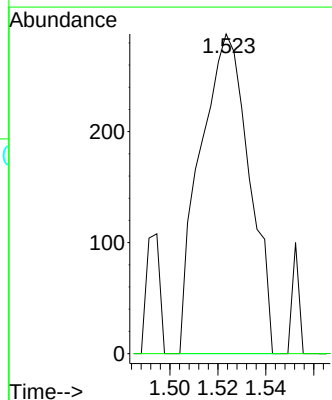
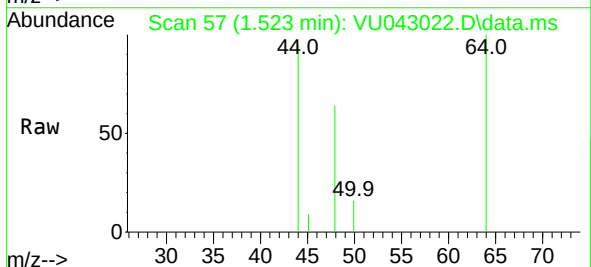
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

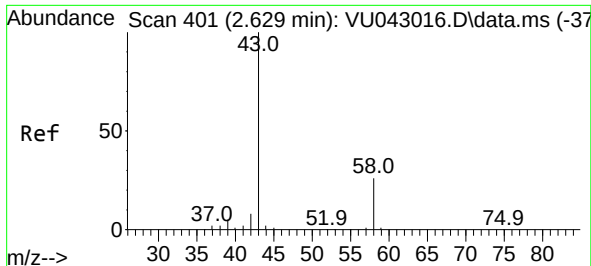
Tgt Ion:168 Resp: 127157
Ion Ratio Lower Upper
168 100
99 58.1 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

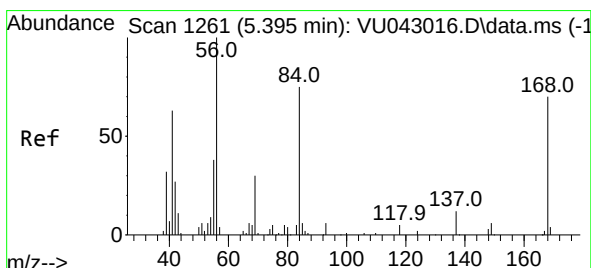
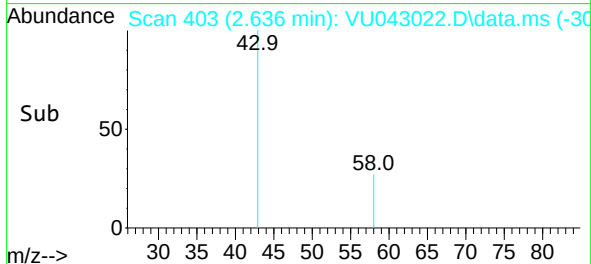
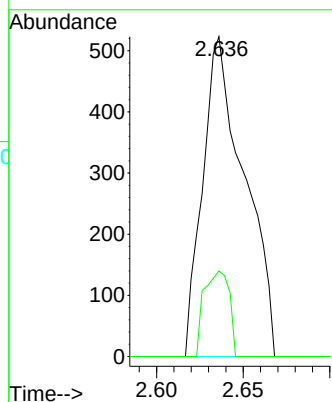
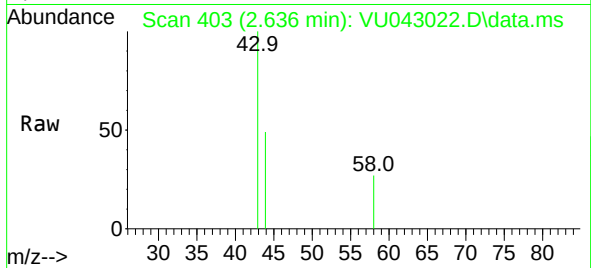




#16
Acetone
Concen: 0.39 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

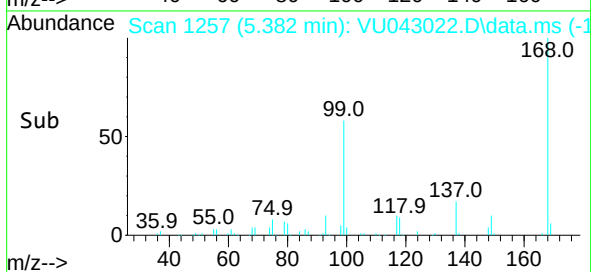
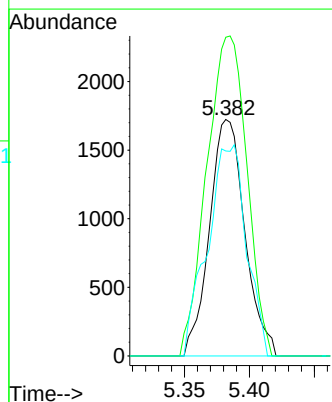
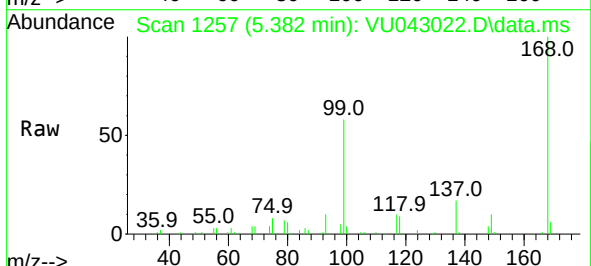
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

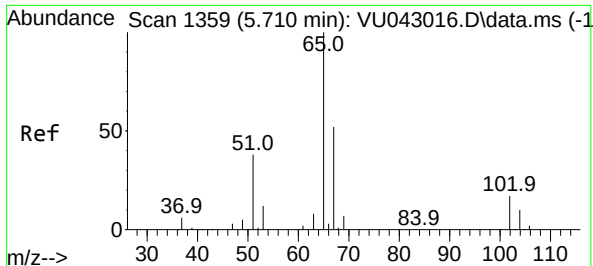
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 26.8 21.5 32.3



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 134.8 24.9 37.3#
84 86.7 63.7 95.5





#33

1,2-Dichloroethane-d4

Concen: 50.48 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043022.D

Acq: 12 Apr 2021 14:45

Tgt Ion: 65 Resp: 107915

Ion Ratio Lower Upper

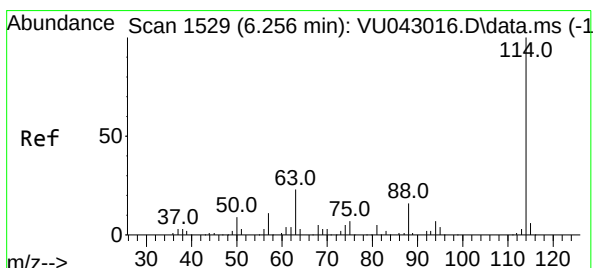
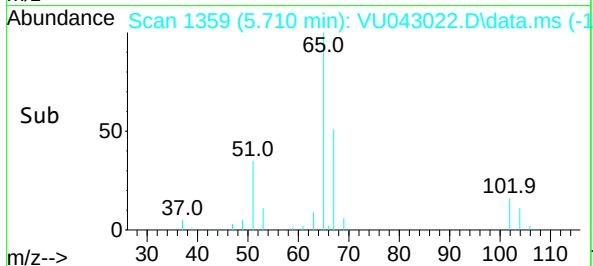
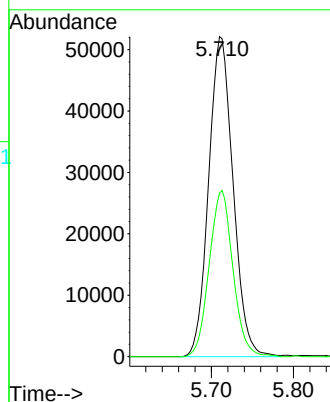
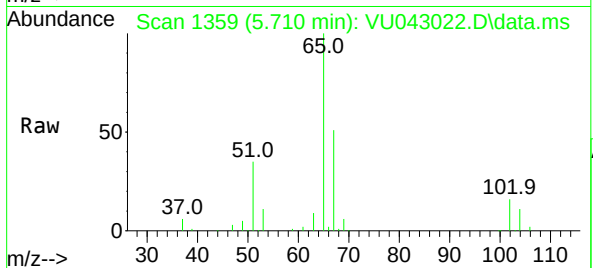
65	100		
67	50.5	0.0	99.8

Instrument :

MSVOA_U

ClientSampled :

VU0412WBL01



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

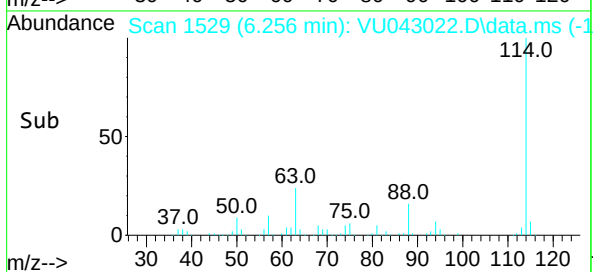
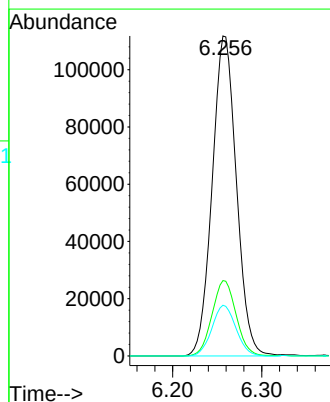
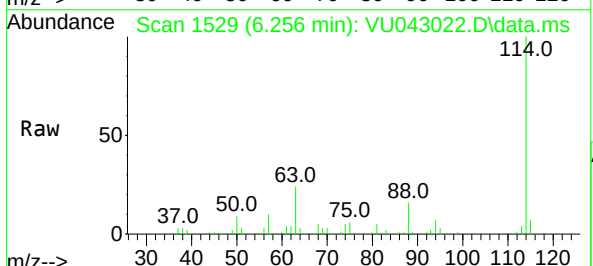
Lab File: VU043022.D

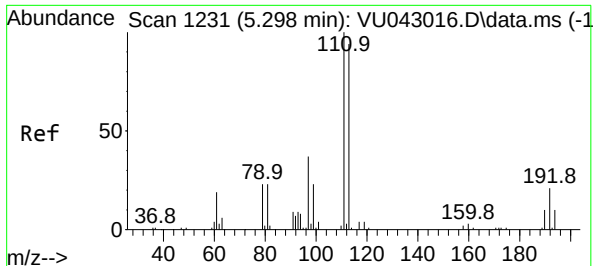
Acq: 12 Apr 2021 14:45

Tgt Ion: 114 Resp: 210812

Ion Ratio Lower Upper

114	100		
63	23.6	0.0	44.2
88	15.8	0.0	33.4

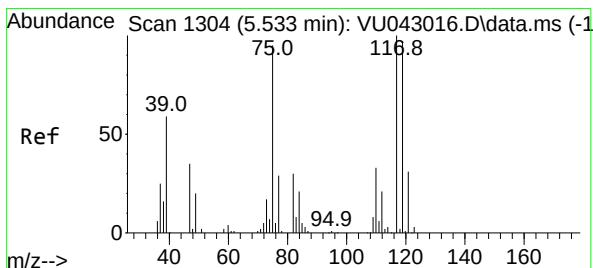
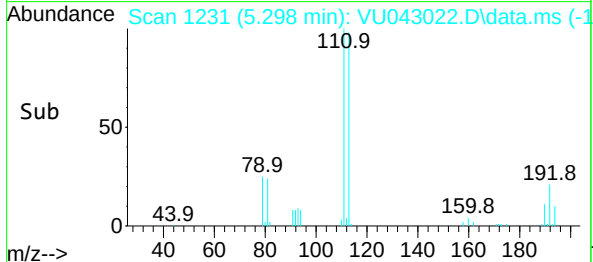
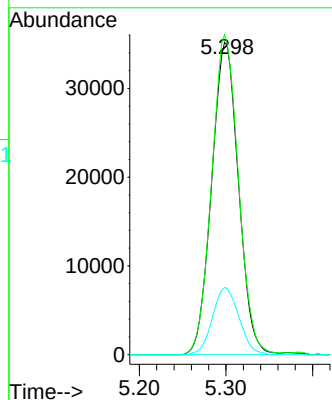
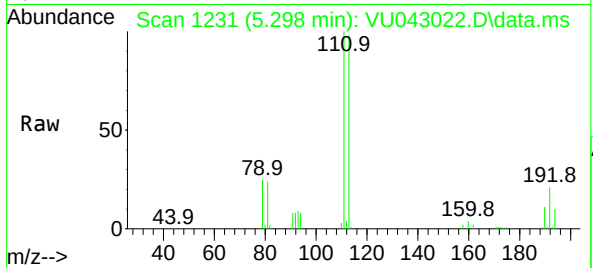




#35
Dibromofluoromethane
Concen: 47.75 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

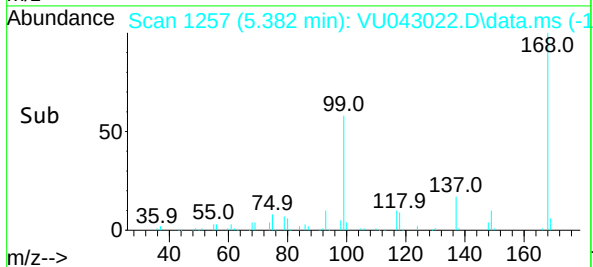
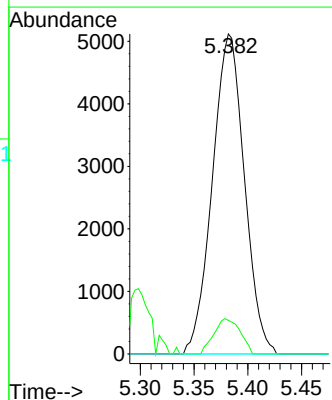
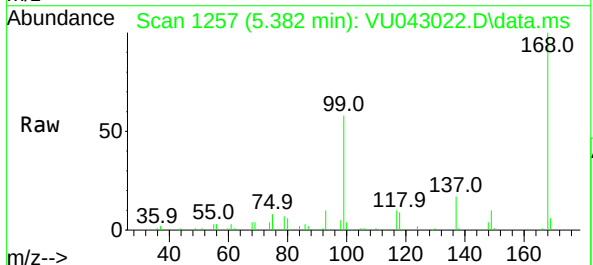
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

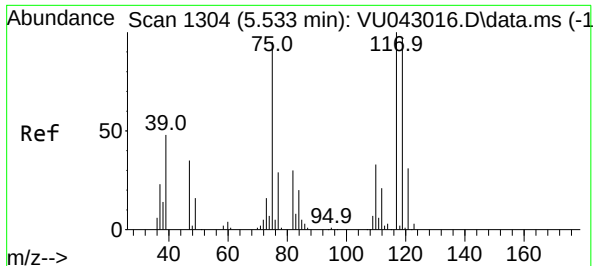
Tgt Ion:	113	Resp:	75637
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	21.2	17.2	25.8



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

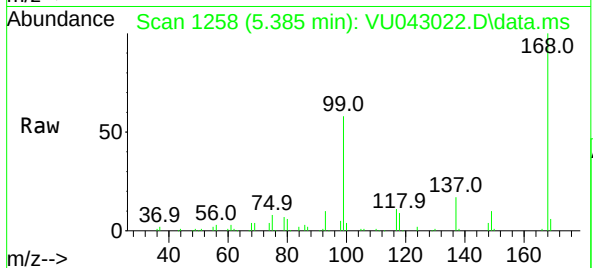
Tgt Ion:	75	Resp:	10590
Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.8	50.3#
77	0.0	24.8	37.2#



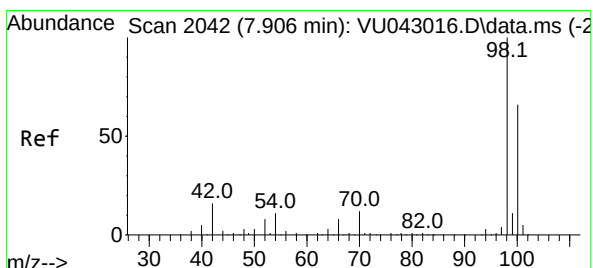
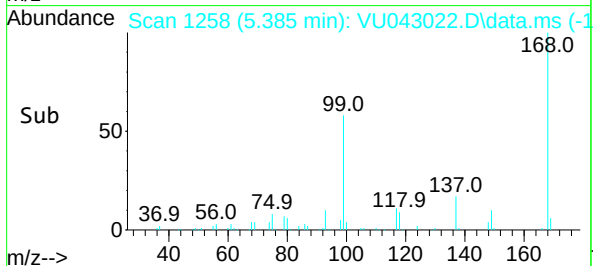
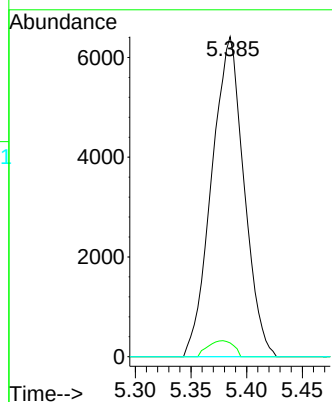


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

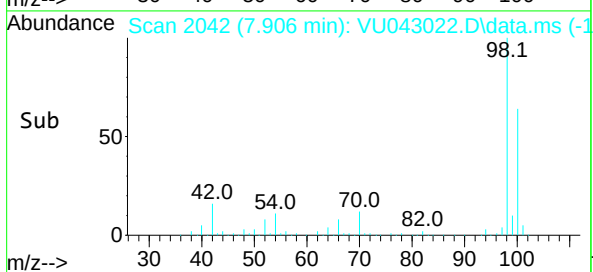
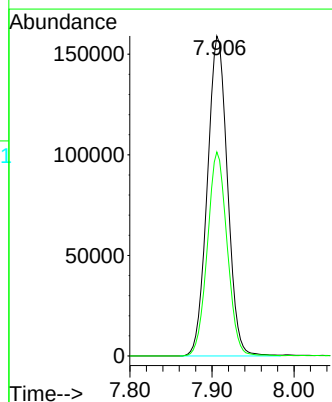
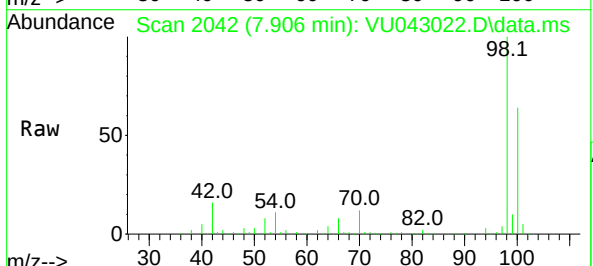


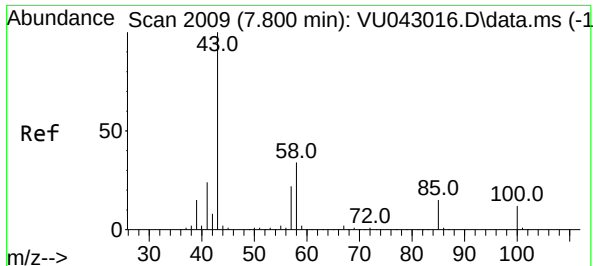
Tgt Ion: 117 Resp: 12944
Ion Ratio Lower Upper
117 100
119 4.3 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.39 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion: 98 Resp: 271257
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

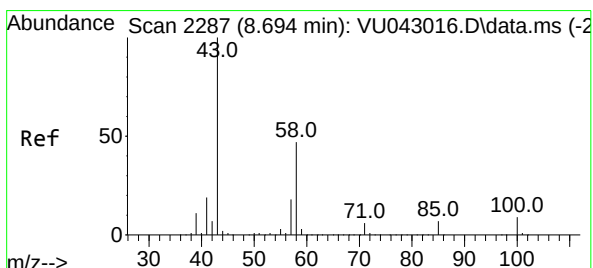
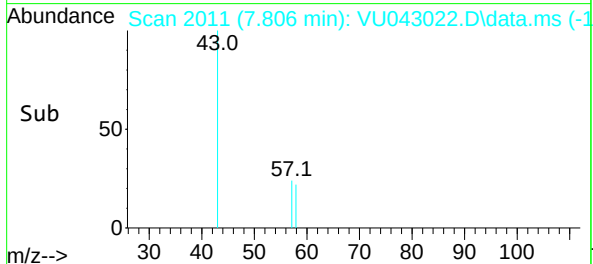
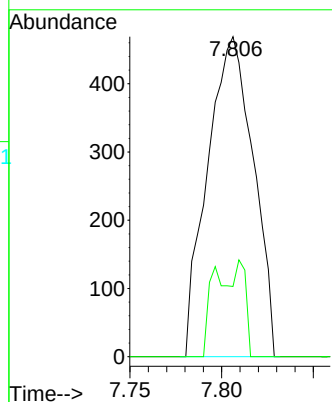
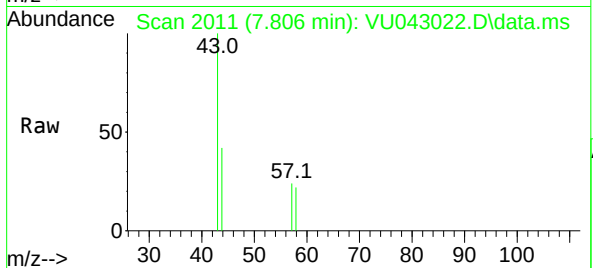




#51
4-Methyl-2-Pentanone
Concen: 0.20 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

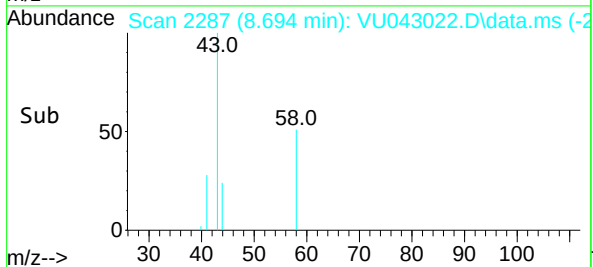
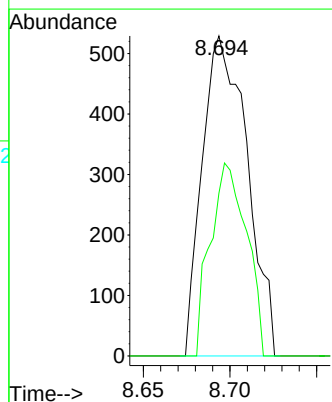
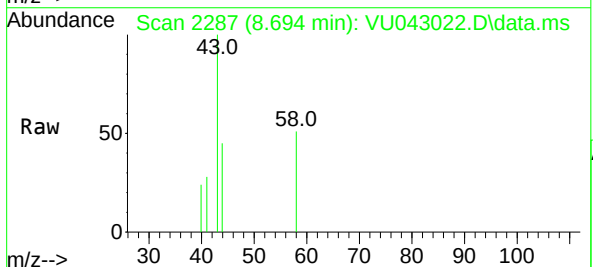
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

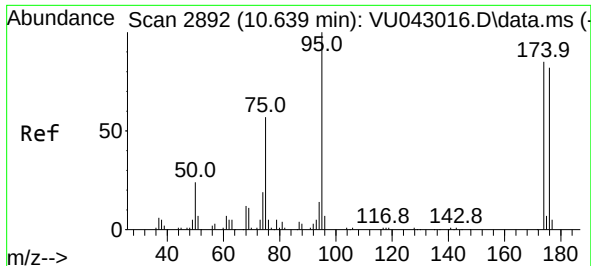
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 13.1 28.1 42.1#



#59
2-Hexanone
Concen: 0.29 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 48.7 24.0 72.0

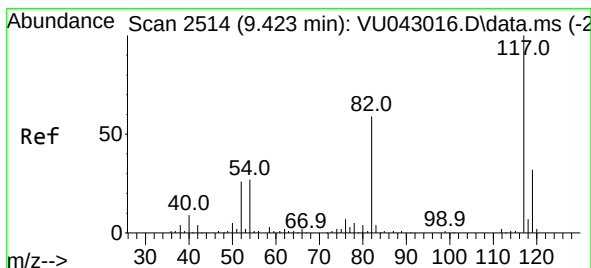
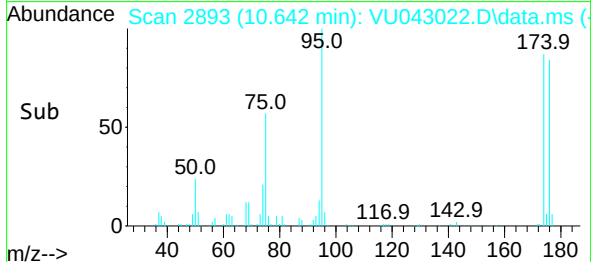
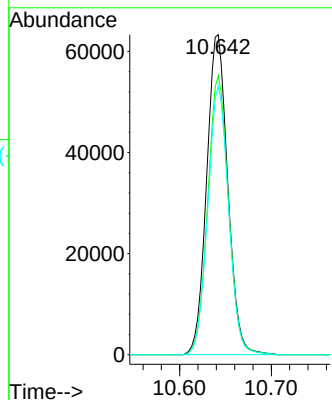
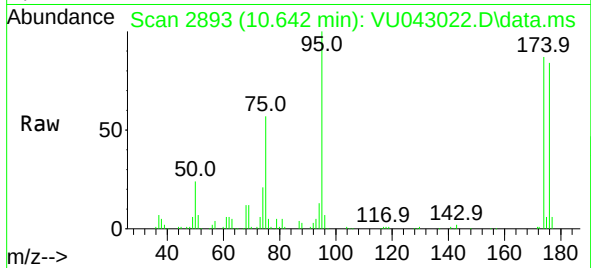




#62
4-Bromofluorobenzene
Concen: 45.17 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.003 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

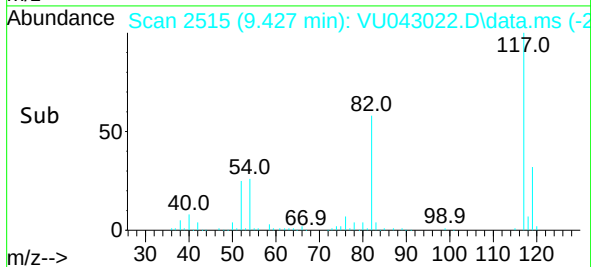
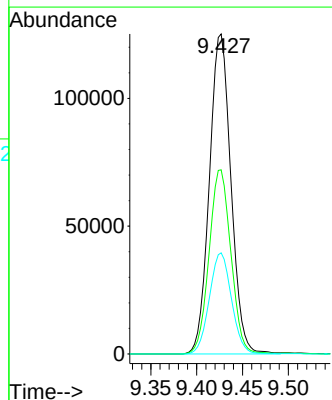
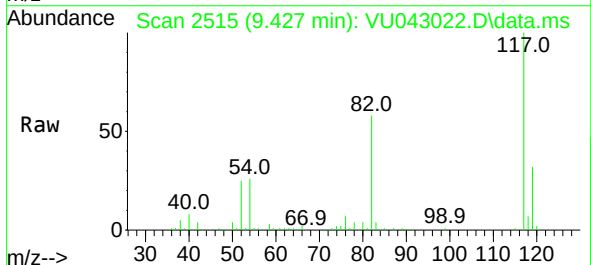
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

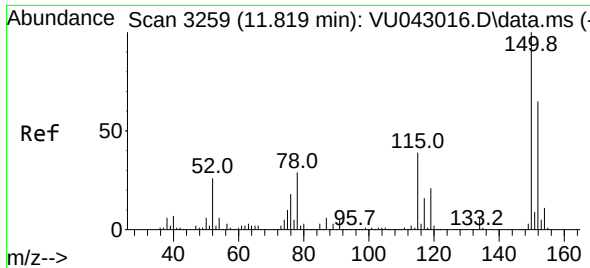
Tgt Ion: 95 Resp: 101384
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 82.6 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.004 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion: 117 Resp: 205144
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 31.6 25.8 38.8

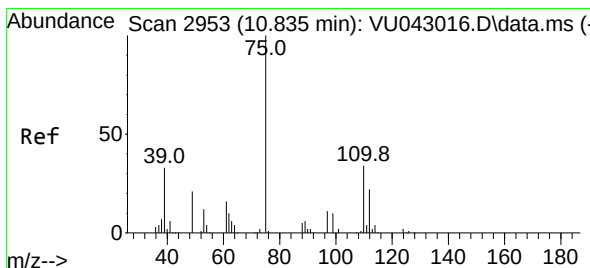
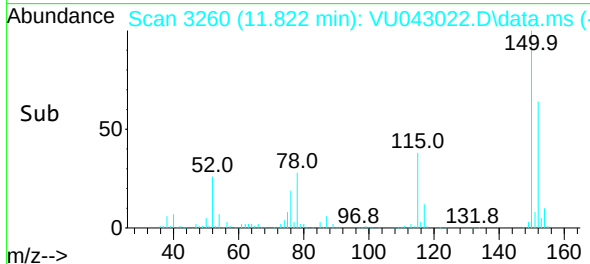
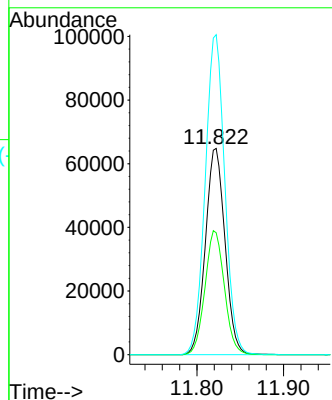
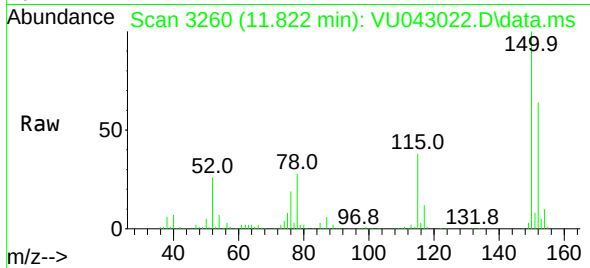




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.822 min Scan# 3260
 Delta R.T. 0.003 min
 Lab File: VU043022.D
 Acq: 12 Apr 2021 14:45

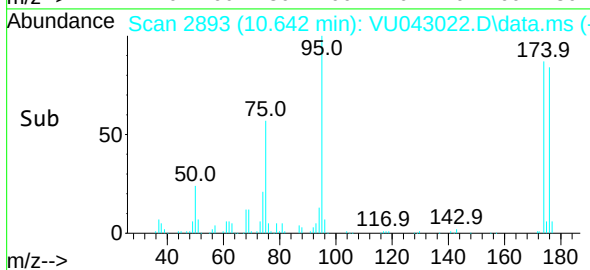
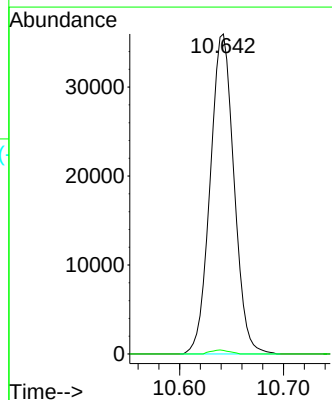
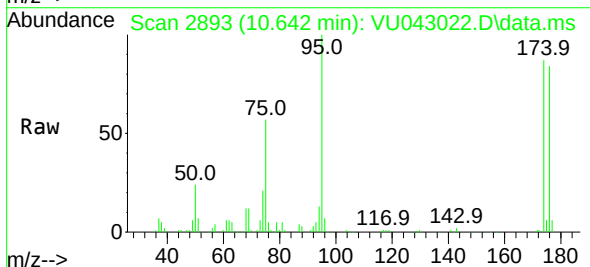
Instrument :
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 ClientSampleId :
 VU0412WBL01

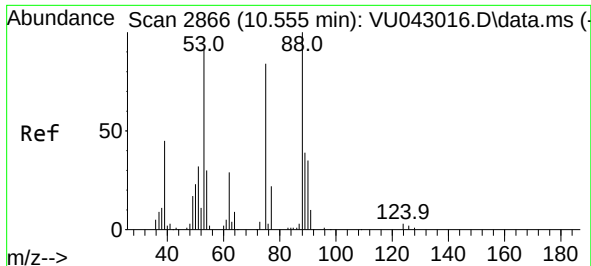
Tgt Ion:152 Resp: 101866
 Ion Ratio Lower Upper
 152 100
 115 59.5 41.5 124.6
 150 155.1 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.27 ug/l
 RT: 10.642 min Scan# 2893
 Delta R.T. -0.193 min
 Lab File: VU043022.D
 Acq: 12 Apr 2021 14:45

Tgt Ion: 75 Resp: 57374
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

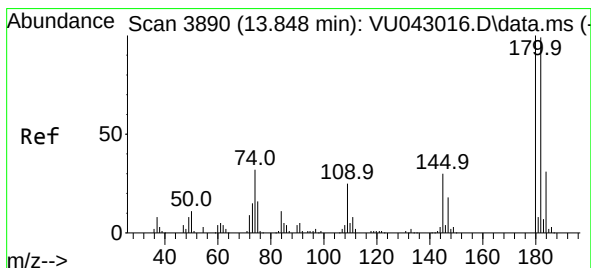
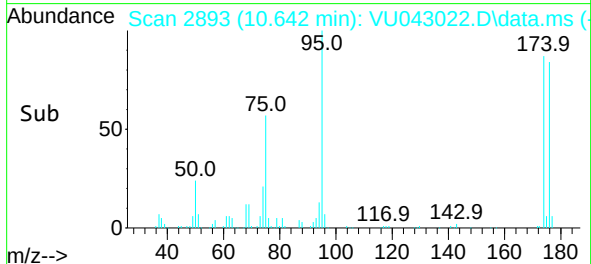
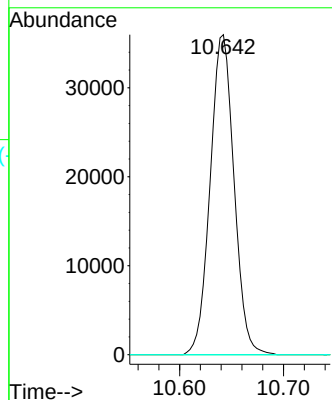
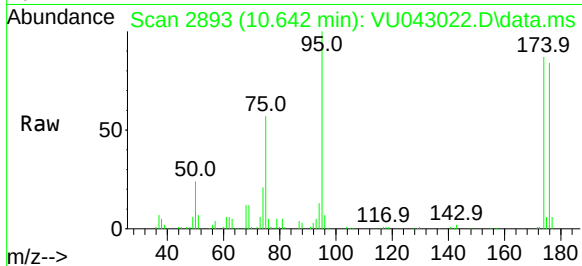




#81
trans-1,4-Dichloro-2-butene
Concen: 56.64 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.087 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

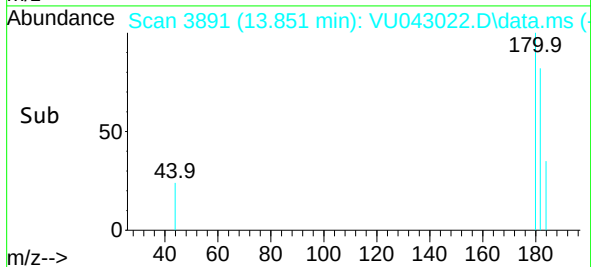
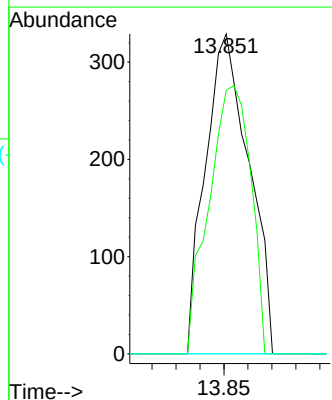
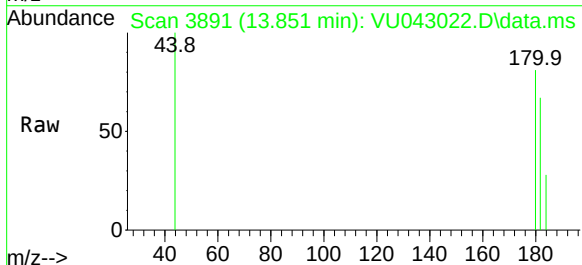
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

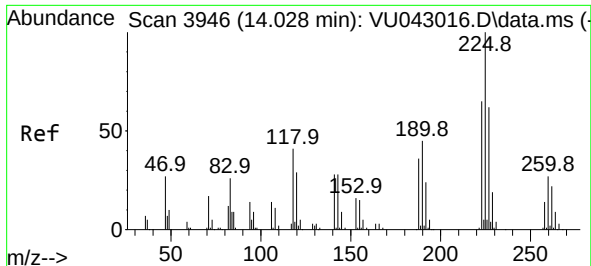
Tgt Ion: 75 Resp: 57374
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.68 ug/l
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

Tgt Ion:180 Resp: 415
Ion Ratio Lower Upper
180 100
182 80.5 46.9 140.8
145 0.0 14.4 43.4#

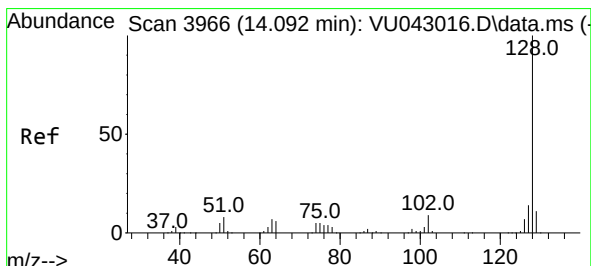
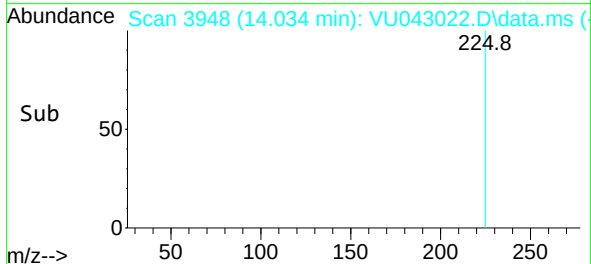
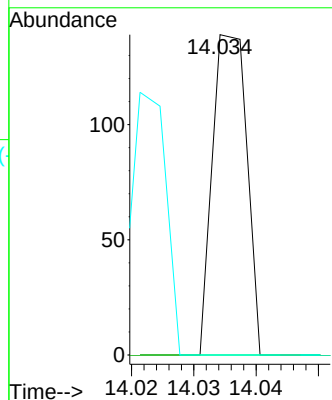
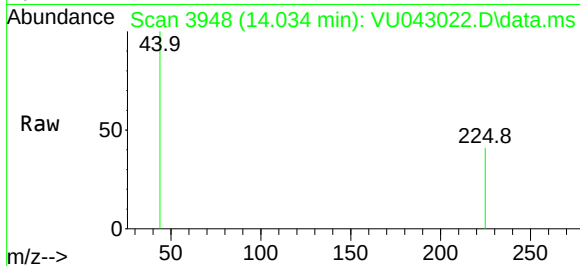




#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.034 min Scan# 3948
Delta R.T. 0.006 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

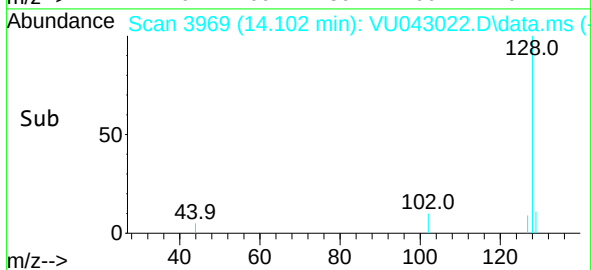
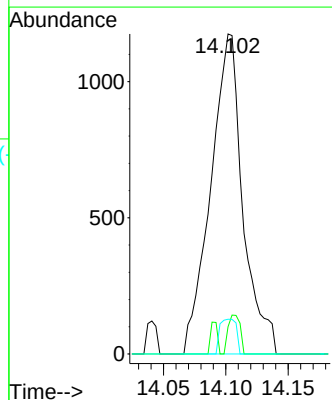
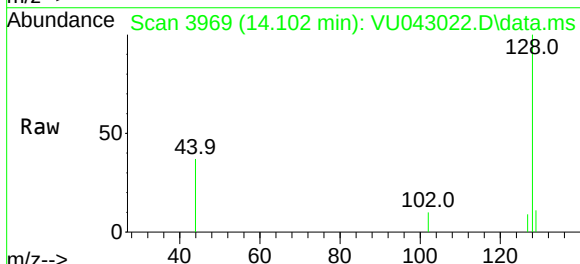
Instrument :
MSVOA_U
ClientSampleId :
VU0412WBL01

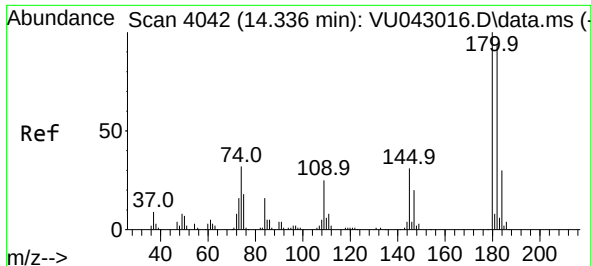
Tgt Ion:225 Resp: 53
Ion Ratio Lower Upper
225 100
223 0.0 32.3 96.9#
227 81.1 31.8 95.4



#95
Naphthalene
Concen: 3.01 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043022.D
Acq: 12 Apr 2021 14:45

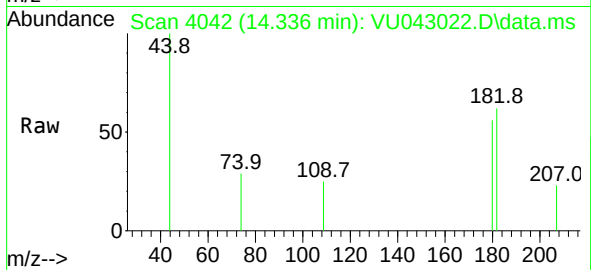
Tgt Ion:128 Resp: 2110
Ion Ratio Lower Upper
128 100
127 4.5 10.8 16.2#
129 5.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.57 ug/l
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043022.D
 Acq: 12 Apr 2021 14:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0412WBL01



Tgt Ion:	180	Resp:	269
Ion	Ratio	Lower	Upper
180	100		
182	143.1	48.0	144.0
145	0.0	15.5	46.5#

