

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043025.D
 Acq On : 12 Apr 2021 16:01
 Operator : SY/MD
 Sample : M1964-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-4521

Quant Time: Apr 13 05:13:45 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)

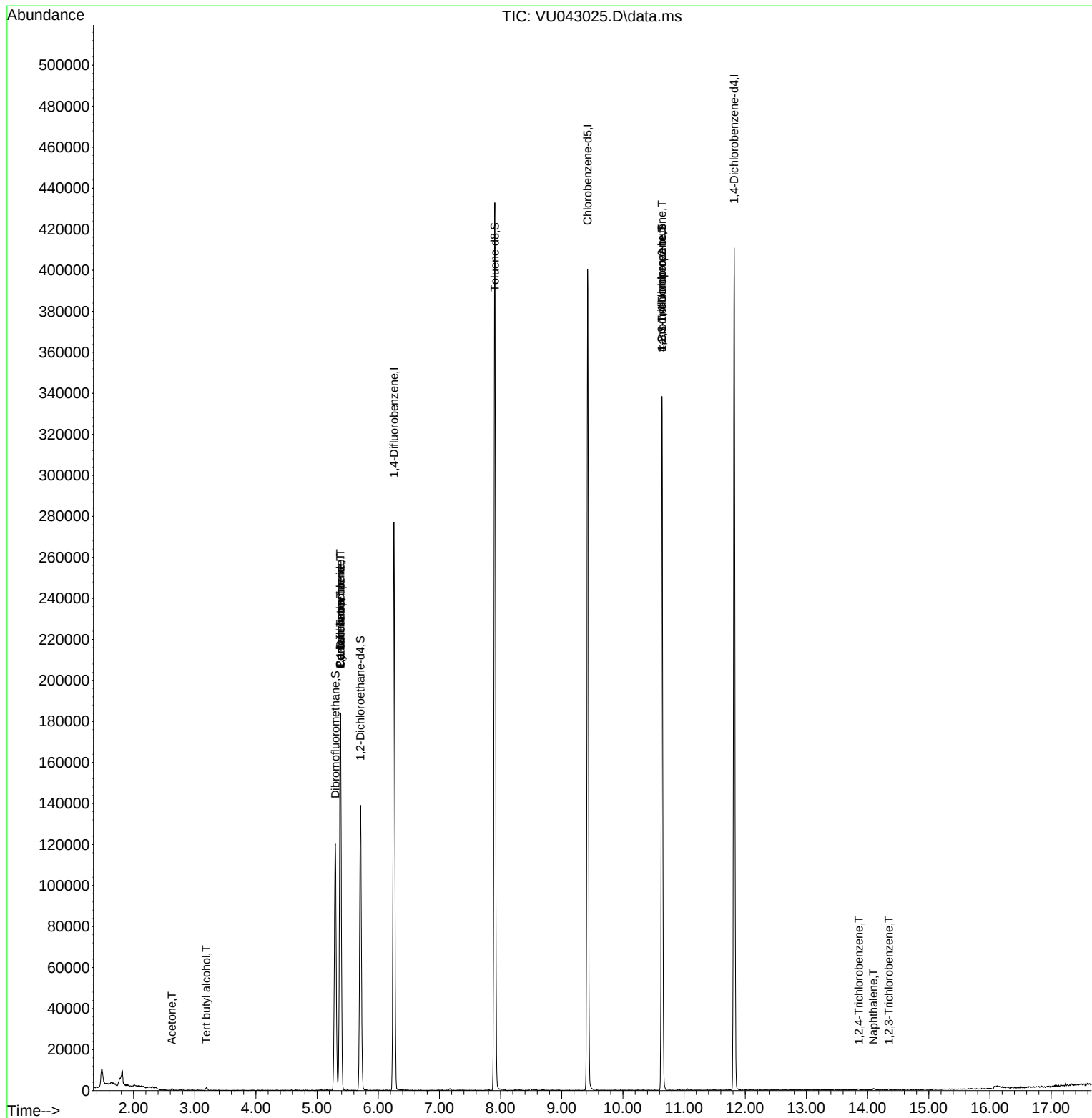
Internal Standards						
1) Pentafluorobenzene	5.382	168	125169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	206081	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	202067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	100722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	105455	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.298	113	72734	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	7.906	98	266866	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.639	95	98373	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
3) Chloromethane	1.527	50	304	Below Cal	#	41
11) Tert butyl alcohol	3.186	59	938	1.73	ug/l #	94
16) Acetone	2.626	43	812	0.35	ug/l	93
31) Cyclohexane	5.382	56	3139	1.21	ug/l #	24
36) 1,1-Dichloropropene	5.382	75	11708	5.36	ug/l #	49
38) Carbon Tetrachloride	5.382	117	12608	5.38	ug/l #	17
76) 1,2,3-Trichloropropane	10.639	75	56185	19.09	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	56185	56.09	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.857	180	212	1.60	ug/l #	87
95) Naphthalene	14.095	128	1001	2.87	ug/l #	81
96) 1,2,3-Trichlorobenzene	14.346	180	179	1.54	ug/l #	62

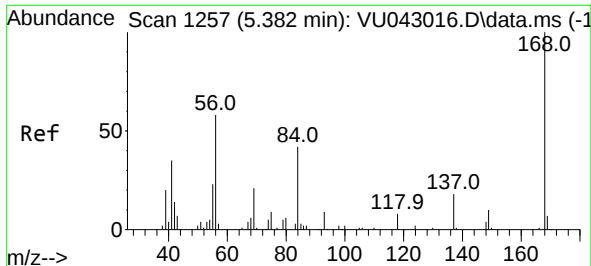
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
Data File : VU043025.D
Acq On : 12 Apr 2021 16:01
Operator : SY/MD
Sample : M1964-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-4521

Quant Time: Apr 13 05:13:45 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

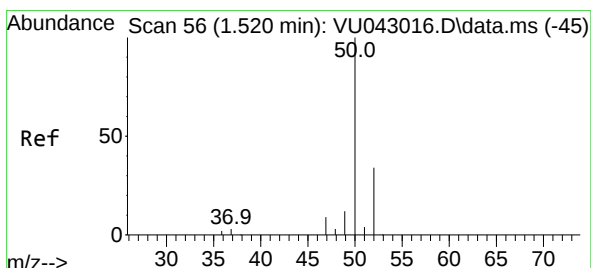
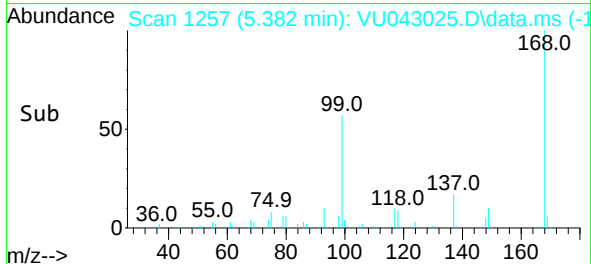
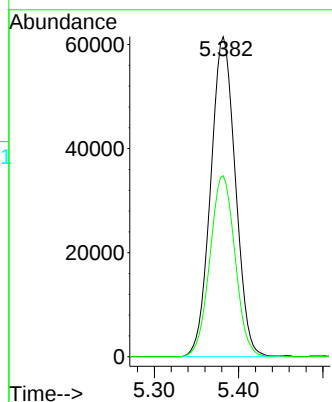
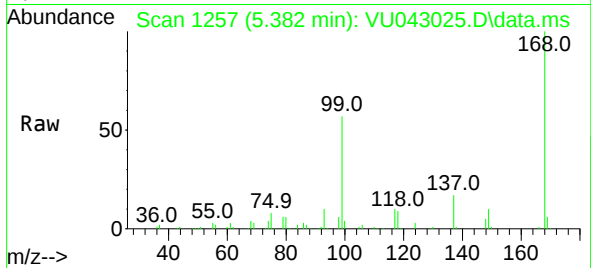




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

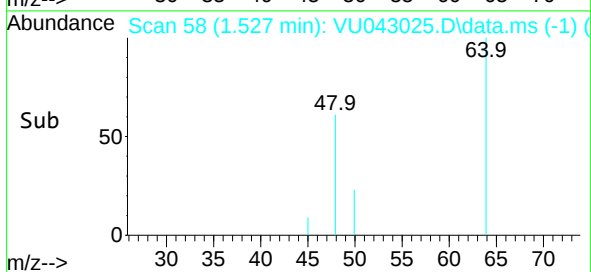
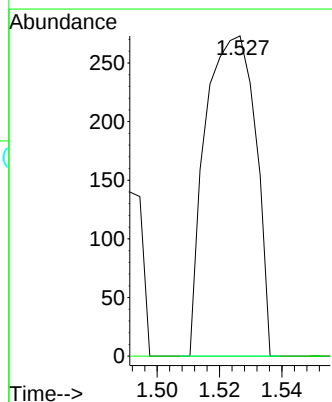
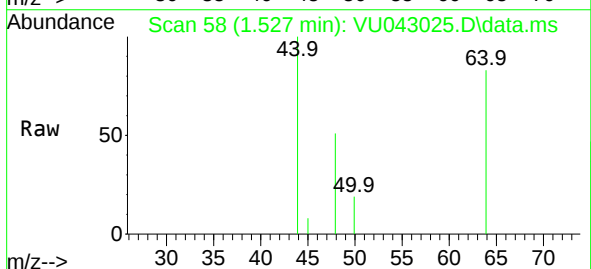
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

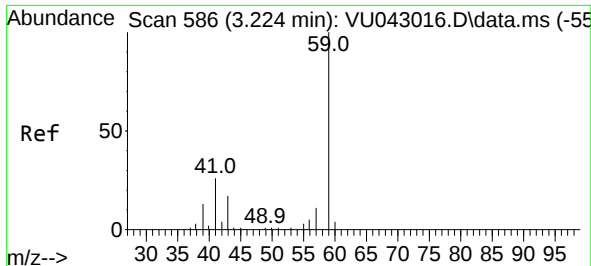
Tgt Ion:168 Resp: 125169
Ion Ratio Lower Upper
168 100
99 56.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

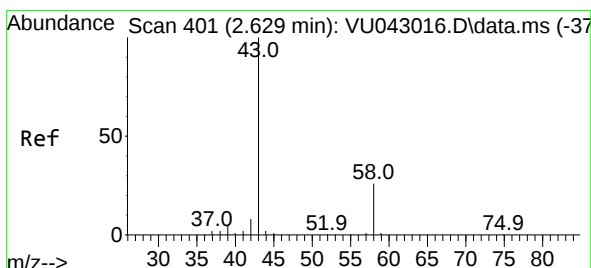
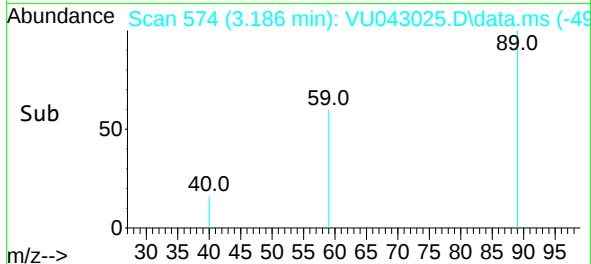
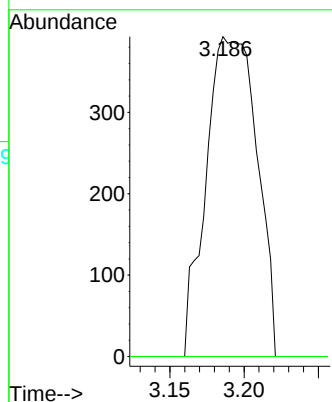
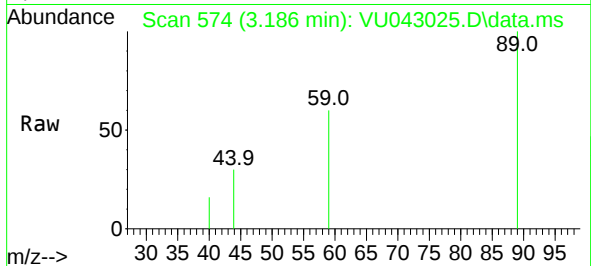




#11
Tert butyl alcohol
Concen: 1.73 ug/l
RT: 3.186 min Scan# 574
Delta R.T. -0.038 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

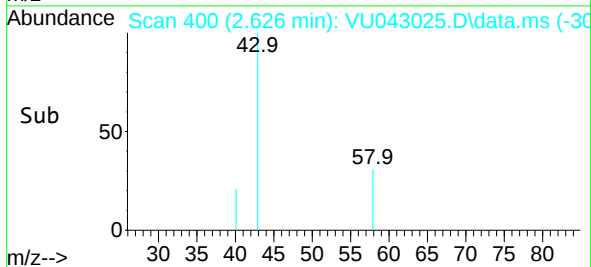
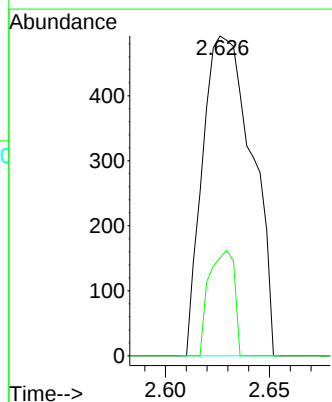
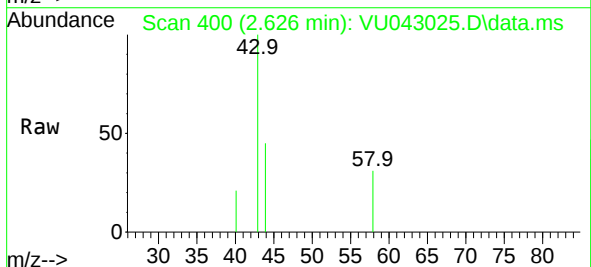
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

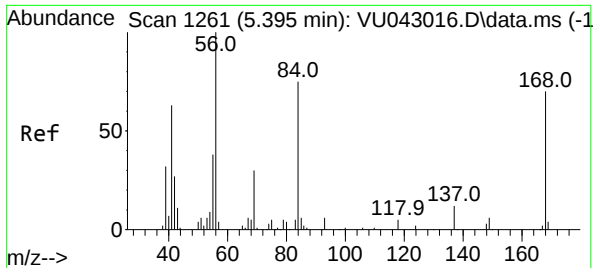
Tgt Ion: 59 Resp: 938
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 0.35 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 30.7 21.5 32.3

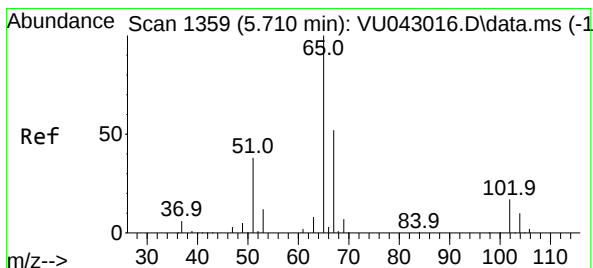
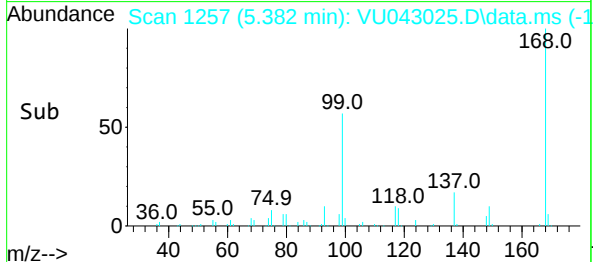
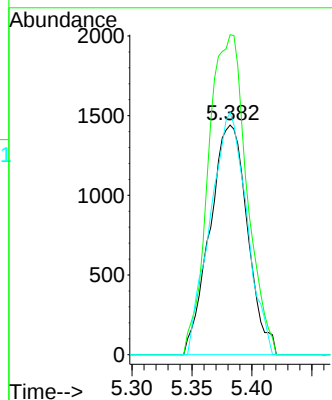
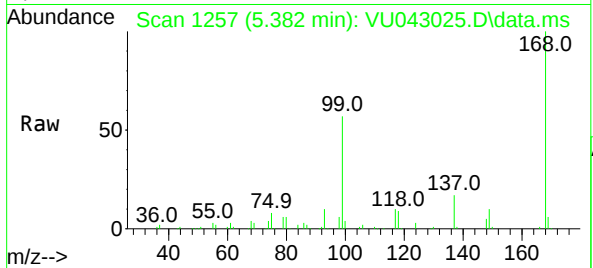




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

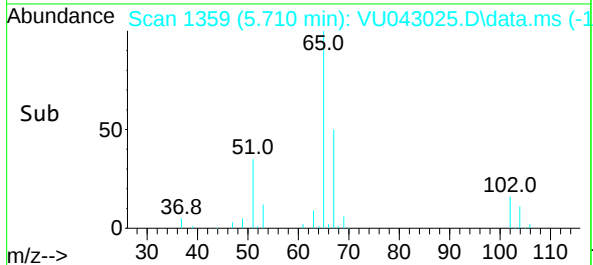
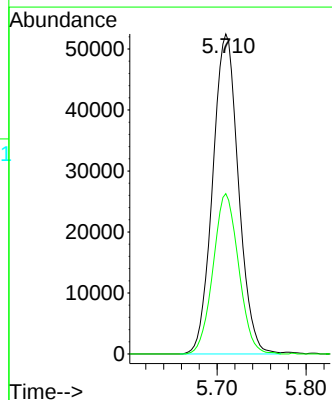
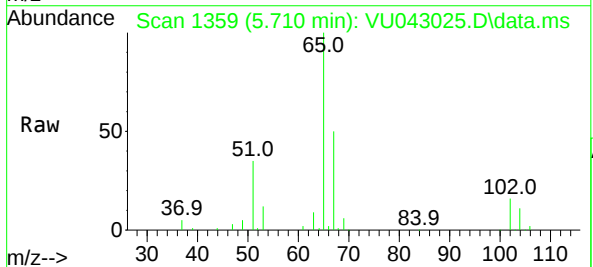
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

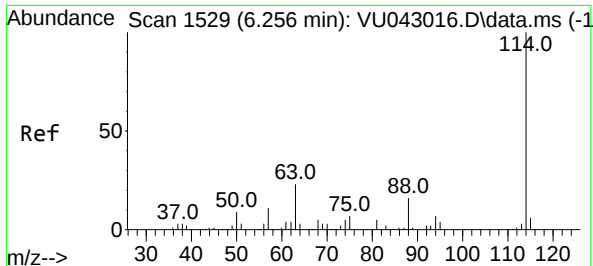
Tgt Ion: 56 Resp: 3139
Ion Ratio Lower Upper
56 100
69 139.3 24.9 37.3#
84 105.4 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 65 Resp: 105455
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.8

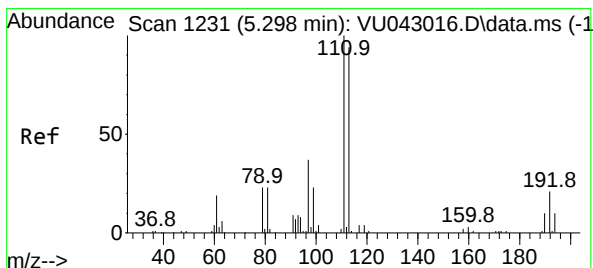
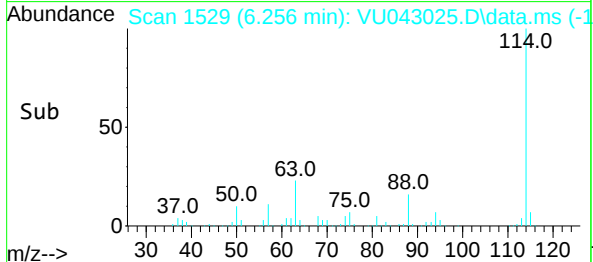
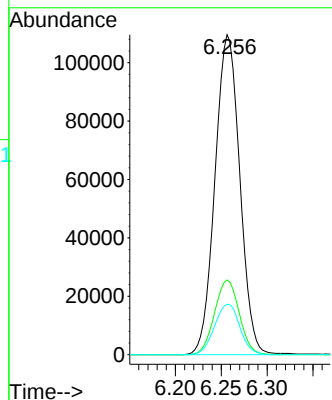
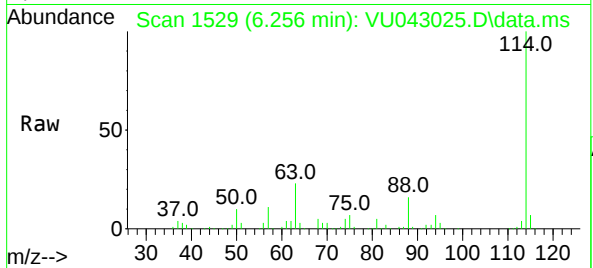




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

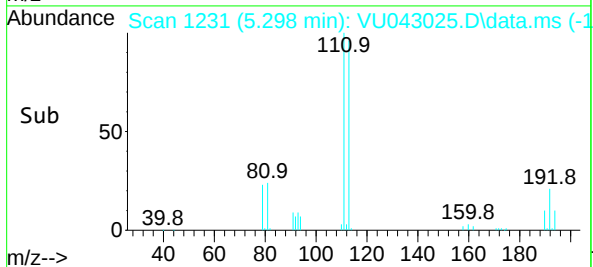
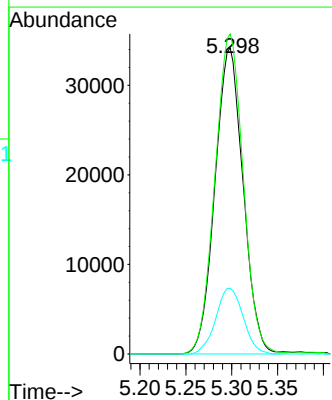
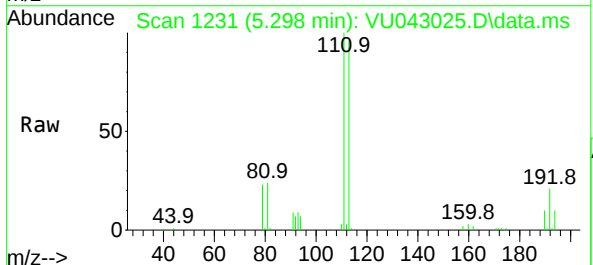
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

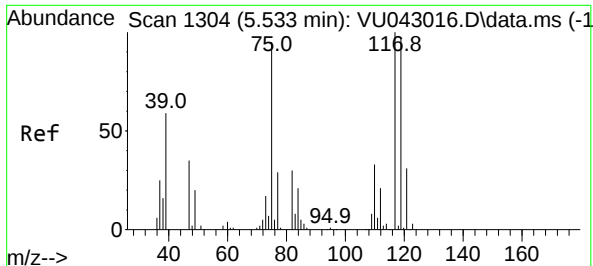
Tgt Ion:114	Resp:	206081
Ion Ratio	Lower	Upper
114	100	
63	23.3	0.0 44.2
88	15.8	0.0 33.4



#35
Dibromofluoromethane
Concen: 46.97 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion:113	Resp:	72734
Ion Ratio	Lower	Upper
113	100	
111	105.2	81.8 122.8
192	21.0	17.2 25.8





#36

1,1-Dichloropropene

Concen: 5.36 ug/l

RT: 5.382 min Scan# 1257

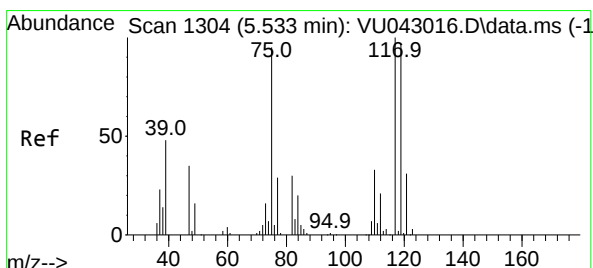
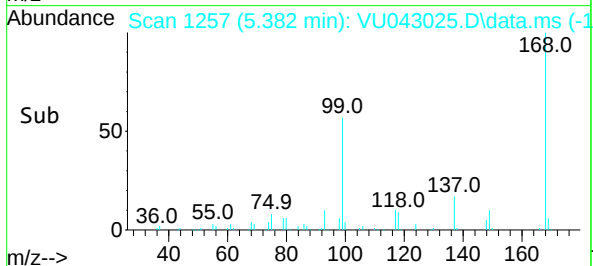
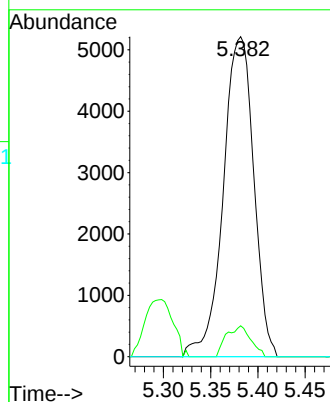
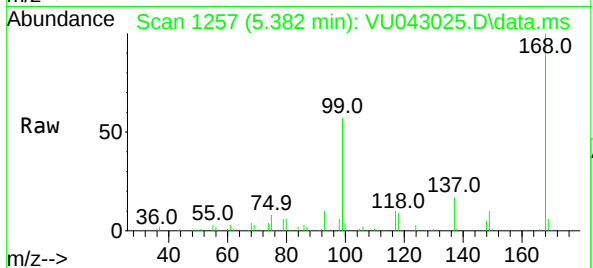
Delta R.T. -0.151 min

Lab File: VU043025.D

Acq: 12 Apr 2021 16:01

Tgt Ion:	75	Resp:	11708
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :
TB-4521



#38

Carbon Tetrachloride

Concen: 5.38 ug/l

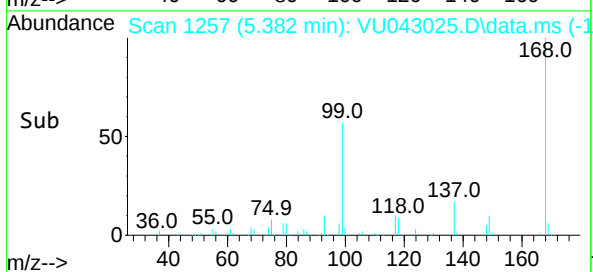
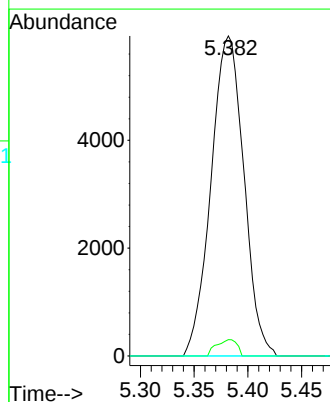
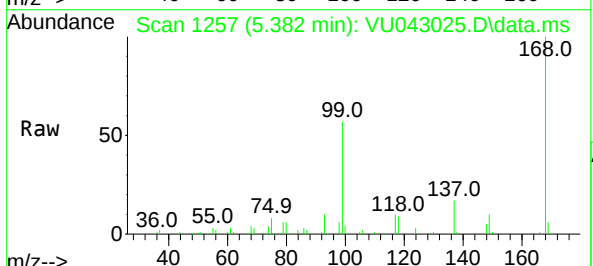
RT: 5.382 min Scan# 1257

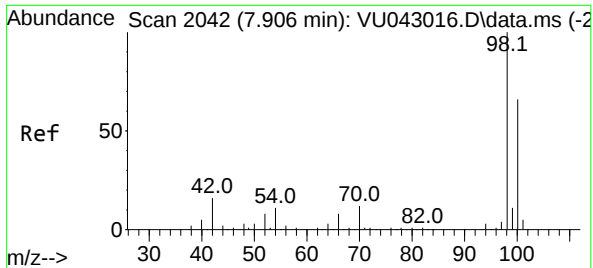
Delta R.T. -0.151 min

Lab File: VU043025.D

Acq: 12 Apr 2021 16:01

Tgt Ion:	117	Resp:	12608
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.5	113.3#
121	0.0	24.7	37.1#

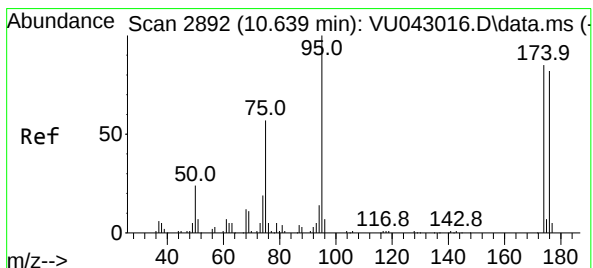
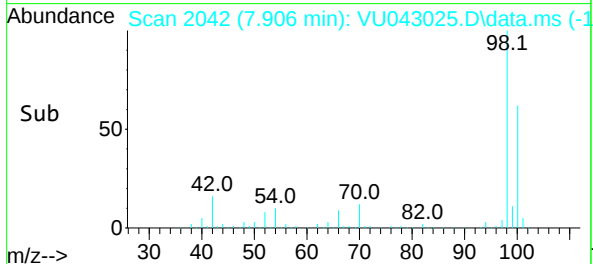
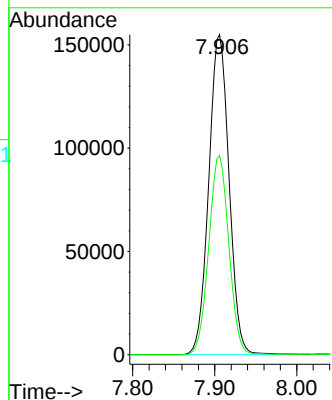
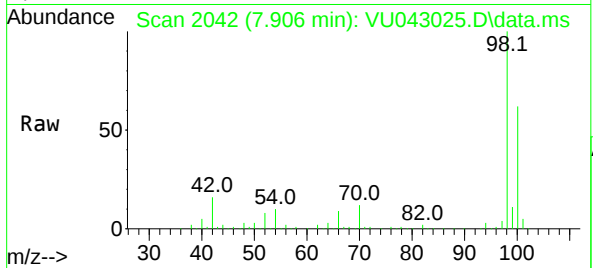




#50
Toluene-d8
Concen: 48.70 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

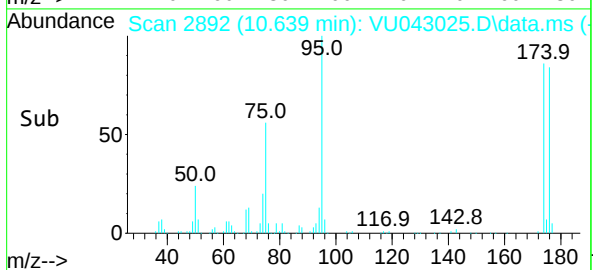
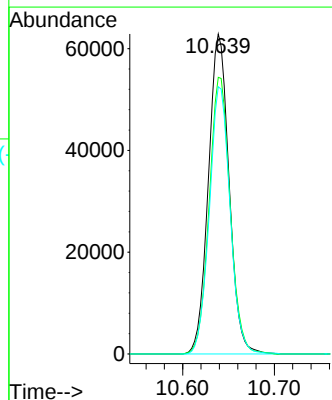
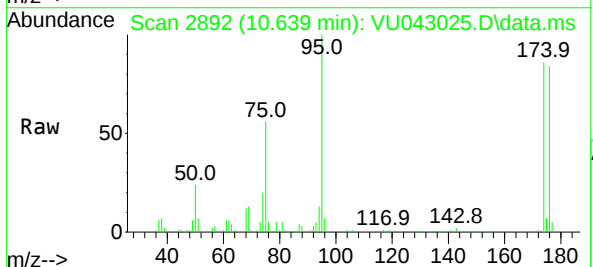
Instrument :
MSVOA_U
ClientSampled :
TB-4521

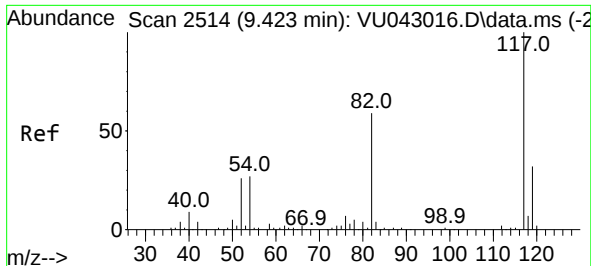
Tgt Ion: 98 Resp: 266866
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 95 Resp: 98373
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.2
176 83.8 0.0 168.8

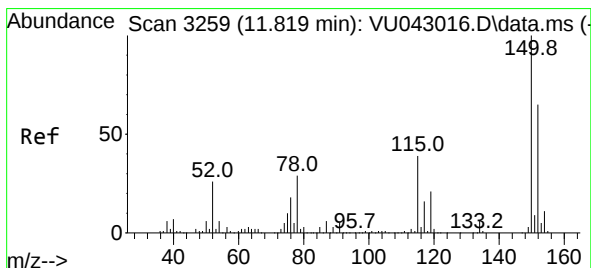
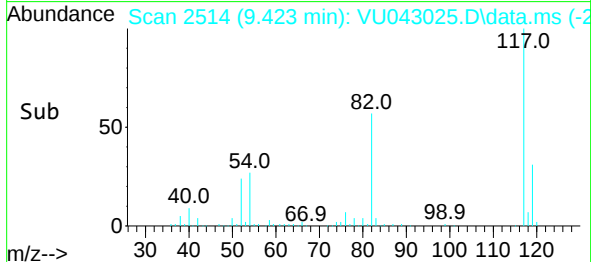
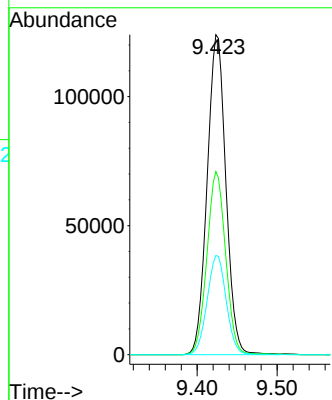
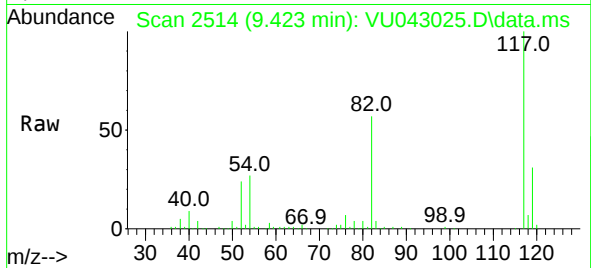




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

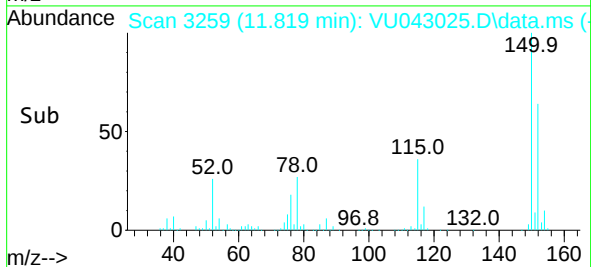
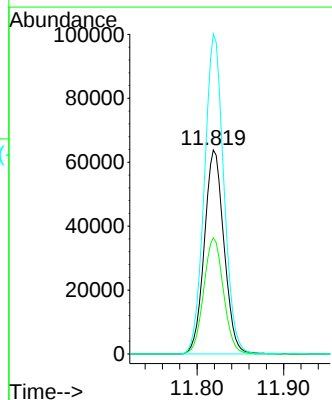
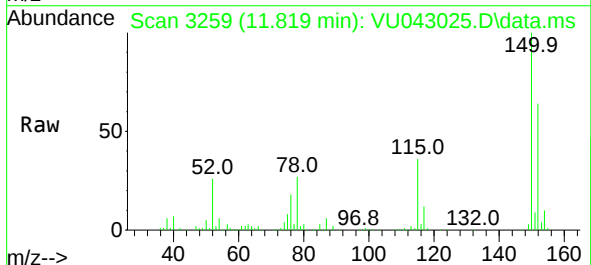
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

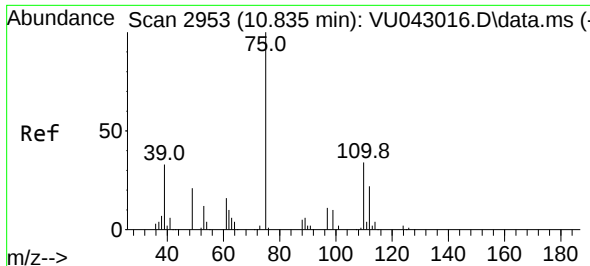
Tgt Ion:117 Resp: 202067
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion:152 Resp: 100722
Ion Ratio Lower Upper
152 100
115 56.9 41.5 124.6
150 154.7 0.0 342.4

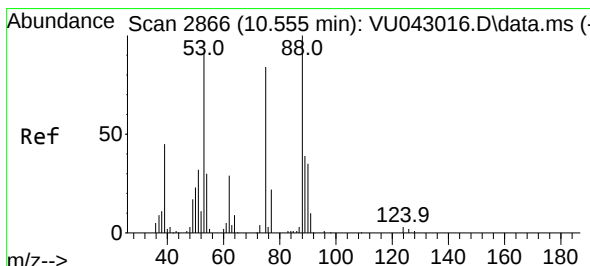
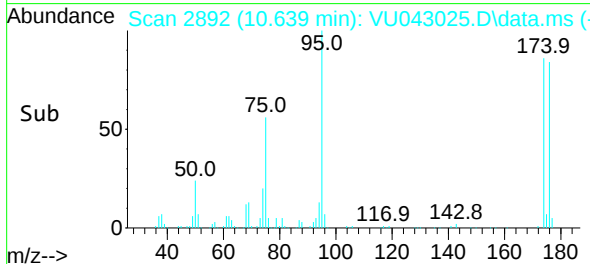
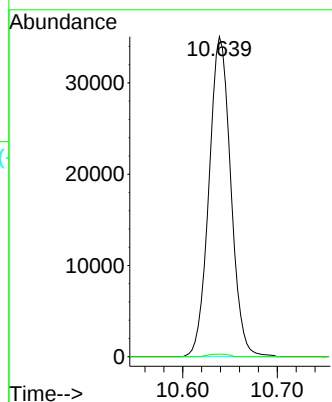
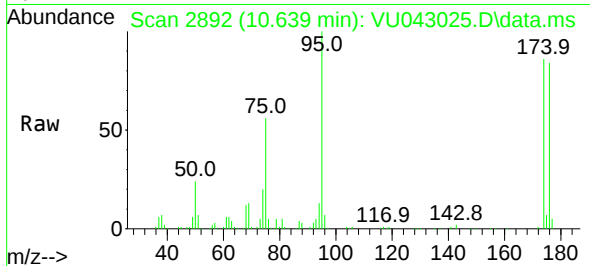




#76
1,2,3-Trichloropropane
Concen: 19.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

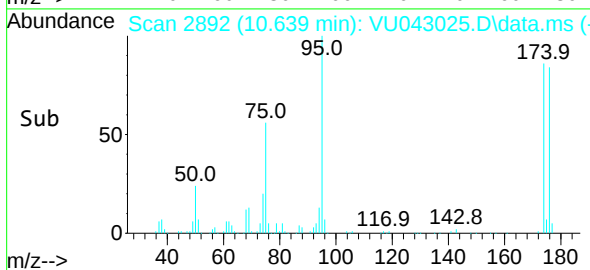
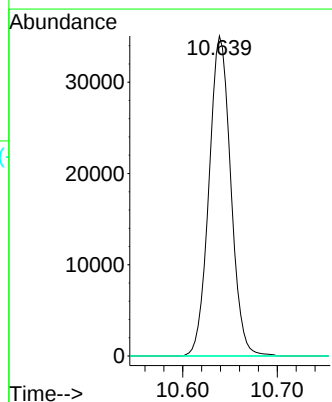
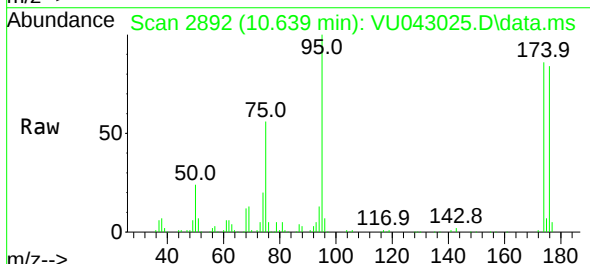
Instrument :
MSVOA_U
ClientSampled :
TB-4521

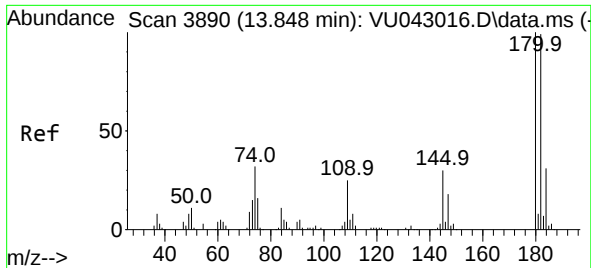
Tgt Ion: 75 Resp: 56185
Ion Ratio Lower Upper
75 100
77 0.7 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

Tgt Ion: 75 Resp: 56185
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

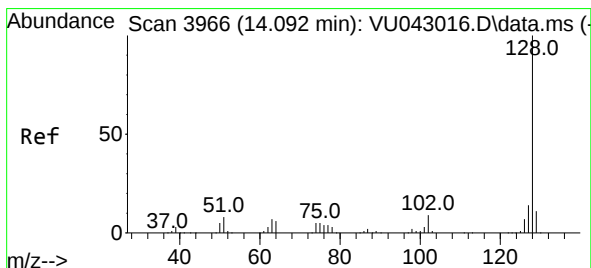
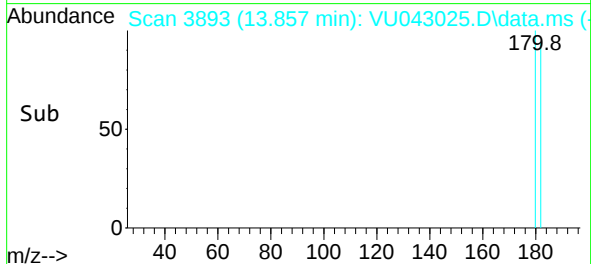
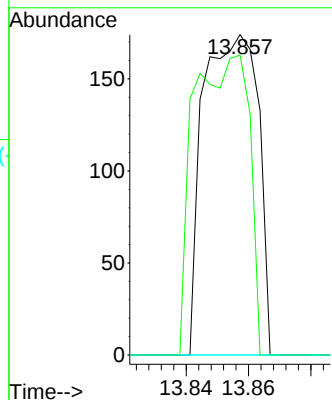
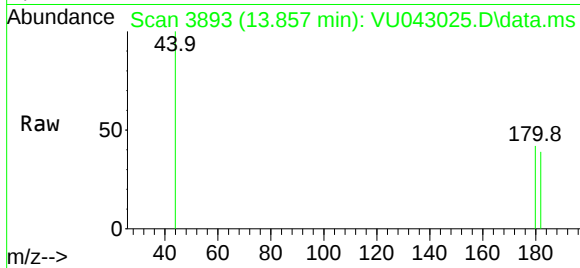




#93
1,2,4-Trichlorobenzene
Concen: 1.60 ug/l
RT: 13.857 min Scan# 3893
Delta R.T. 0.009 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

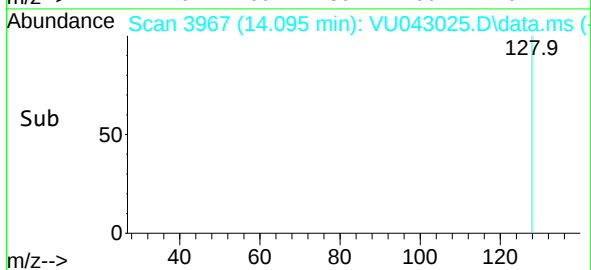
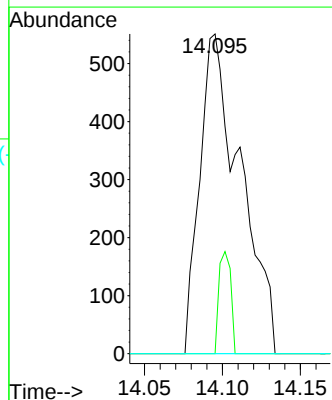
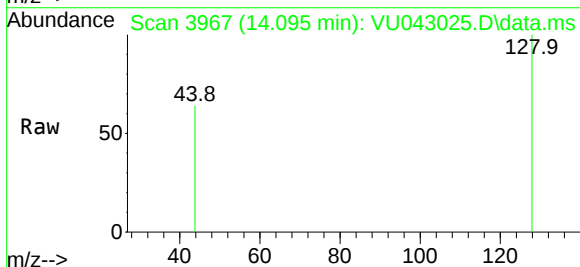
Instrument :
MSVOA_U
ClientSampleId :
TB-4521

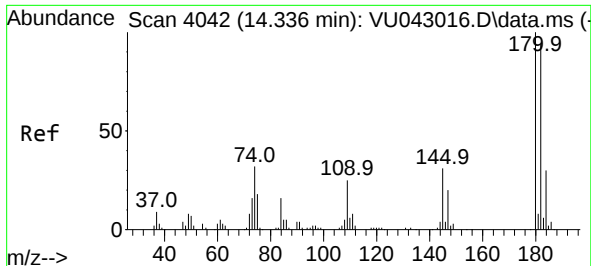
Tgt Ion:180 Resp: 212
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.8
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.87 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043025.D
Acq: 12 Apr 2021 16:01

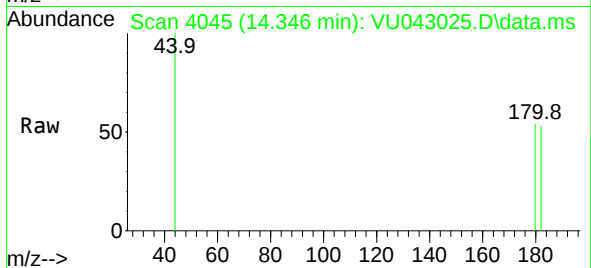
Tgt Ion:128 Resp: 1001
Ion Ratio Lower Upper
128 100
127 9.2 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.54 ug/l
 RT: 14.346 min Scan# 4045
 Delta R.T. 0.010 min
 Lab File: VU043025.D
 Acq: 12 Apr 2021 16:01

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-4521



Tgt Ion:	180	Resp:	179
Ion	Ratio	Lower	Upper
180	100		
182	126.8	48.0	144.0
145	0.0	15.5	46.5#

