

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
 Data File : VU043210.D
 Acq On : 19 Apr 2021 21:25
 Operator : SY/MD
 Sample : M2090-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 03:00:41 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)

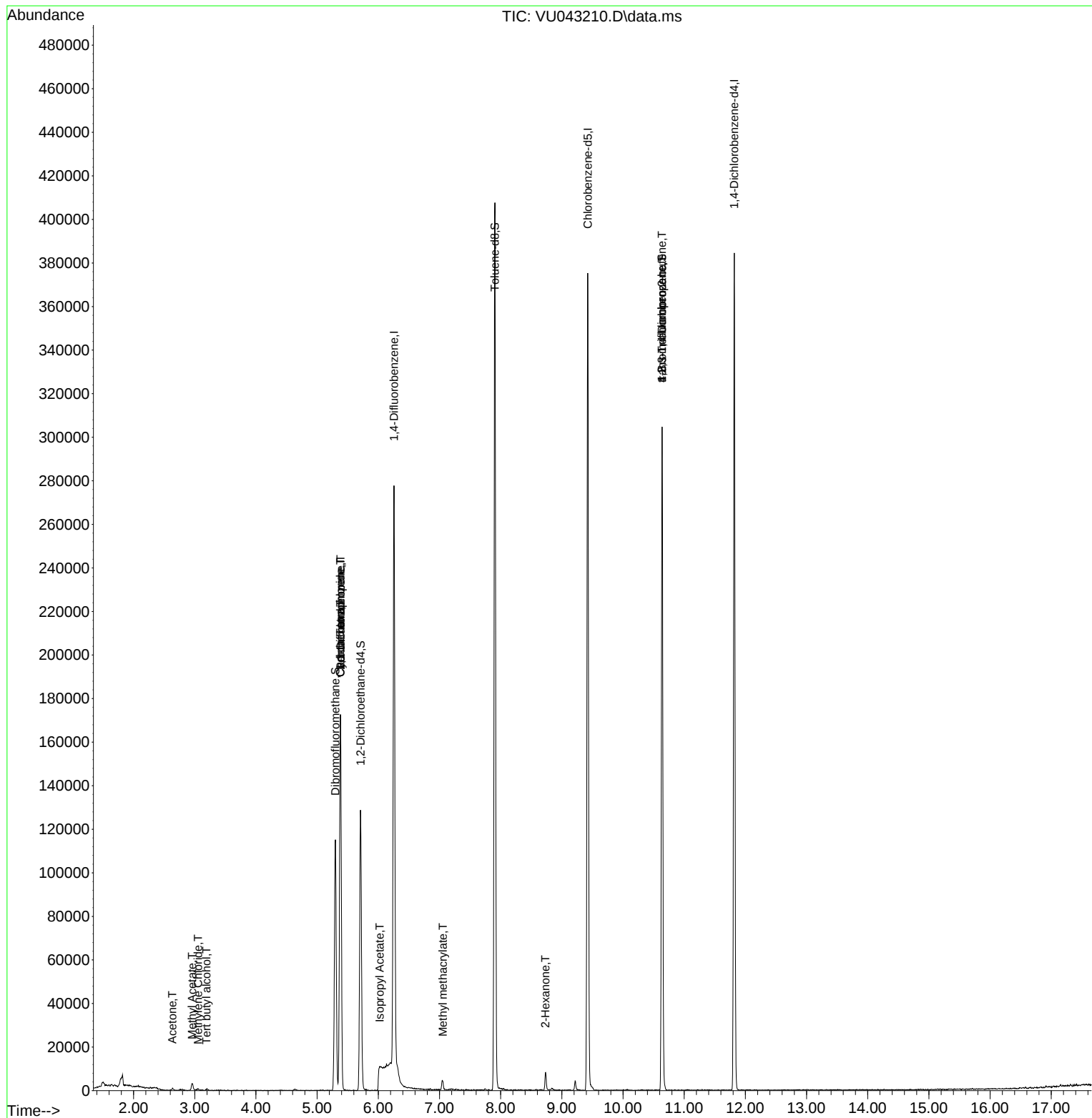
Internal Standards						
1) Pentafluorobenzene	5.382	168	116964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	197999	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	188505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99723	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	5.298	113	69624	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.906	98	247022	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	10.639	95	89099	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	196	Below Cal	#	41
11) Tert butyl alcohol	3.192	59	161	0.32	ug/l #	94
16) Acetone	2.636	43	1030	0.59	ug/l	95
18) Methyl Acetate	2.954	43	4790	1.95	ug/l #	91
20) Methylene Chloride	3.054	84	306	0.22	ug/l #	72
31) Cyclohexane	5.379	56	3110	1.28	ug/l #	37
36) 1,1-Dichloropropene	5.382	75	9785	4.66	ug/l #	50
38) Carbon Tetrachloride	5.379	117	11911	5.29	ug/l #	18
43) Isopropyl Acetate	6.022	43	6621	1.29	ug/l #	64
48) Methyl methacrylate	7.054	41	562	0.22	ug/l #	37
59) 2-Hexanone	8.732	43	1381	0.44	ug/l #	41
76) 1,2,3-Trichloropropane	10.639	75	51788	19.16	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	51788	56.29	ug/l #	7

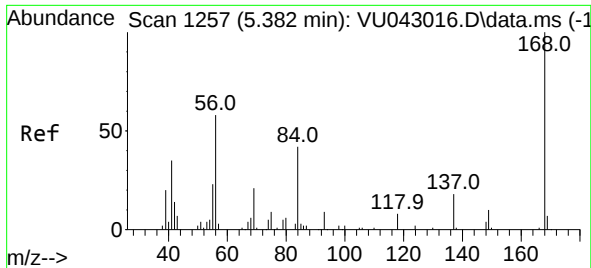
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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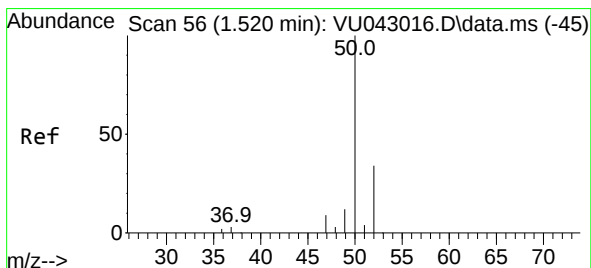
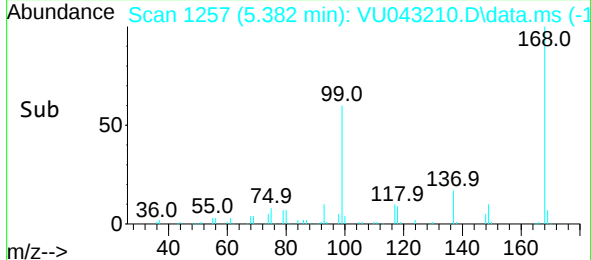
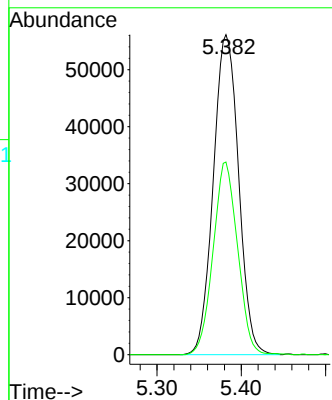
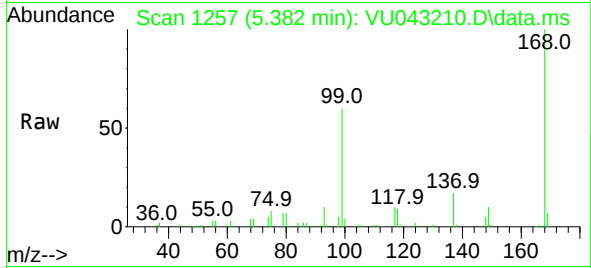




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

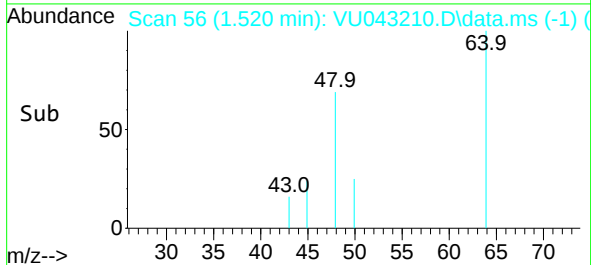
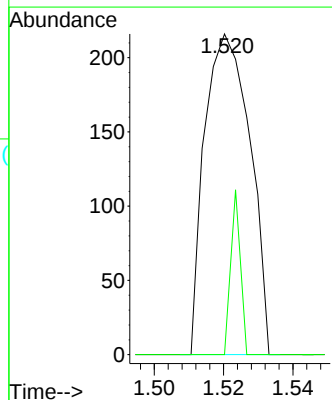
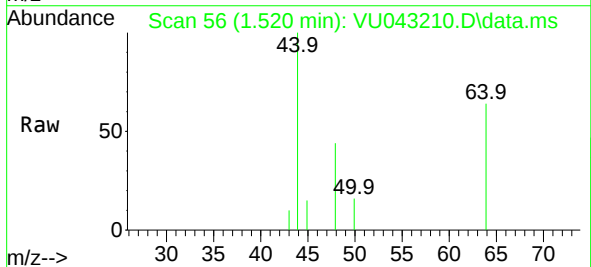
Instrument :
MSVOA_U
ClientSampled :

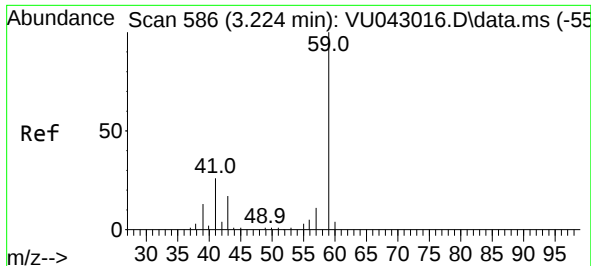
Tgt Ion:168 Resp: 116964
Ion Ratio Lower Upper
168 100
99 60.2 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

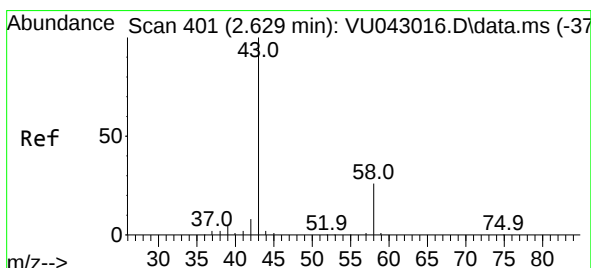
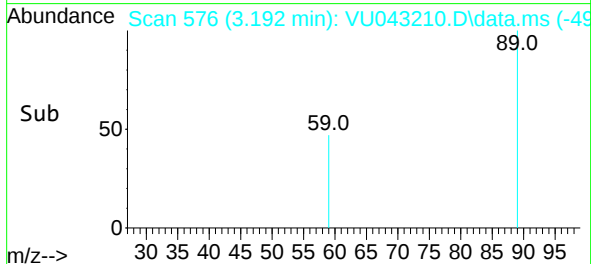
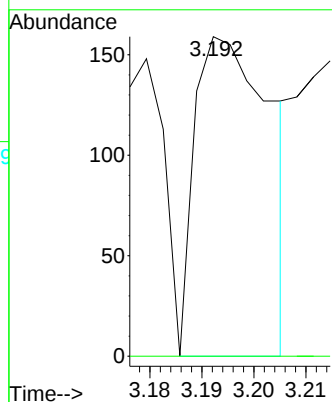
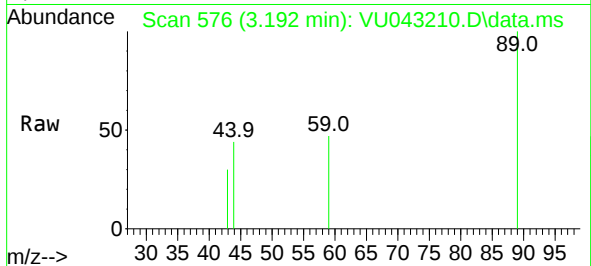




#11
Tert butyl alcohol
Concen: 0.32 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

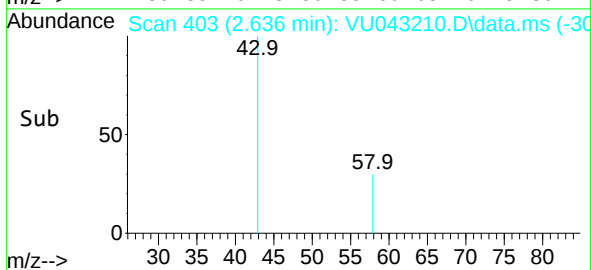
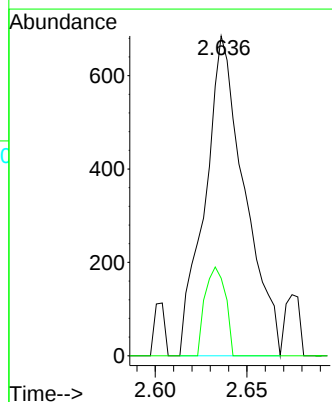
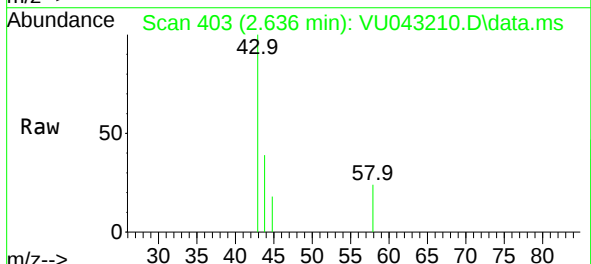
Instrument :
MSVOA_U
ClientSampleId :

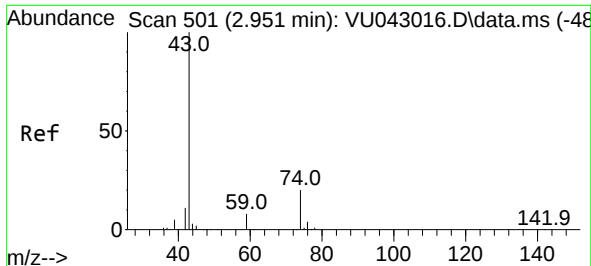
Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 0.59 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

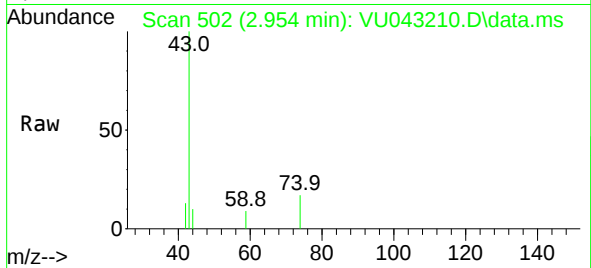
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 24.2 21.5 32.3



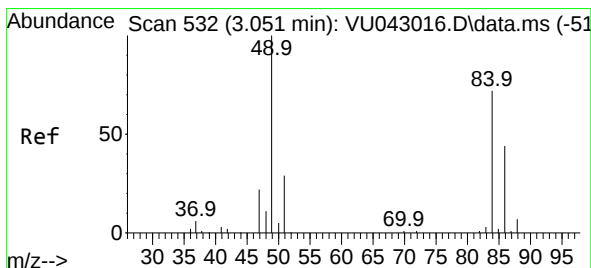
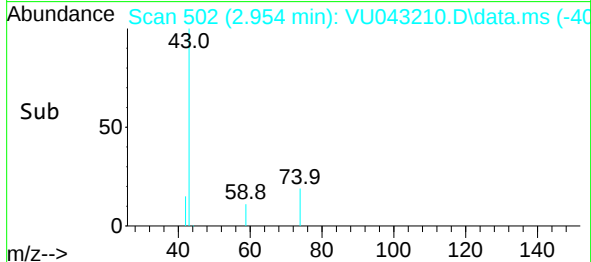
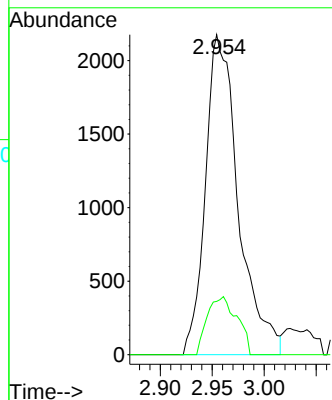


#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Instrument :
MSVOA_U
ClientSampleId :

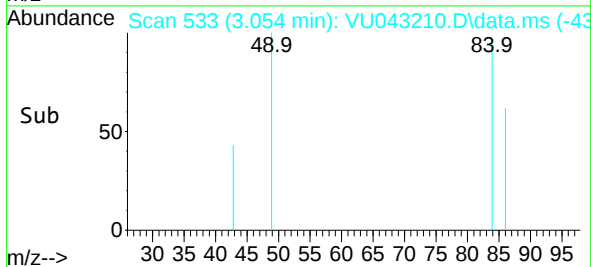
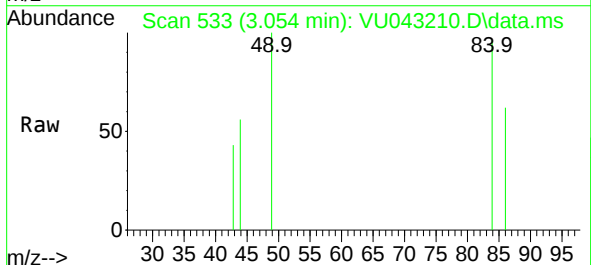
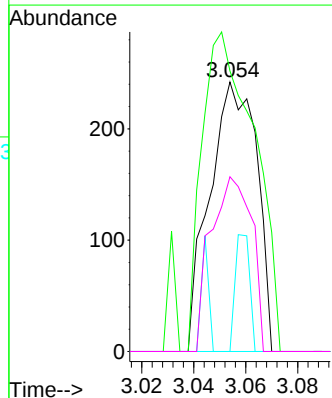


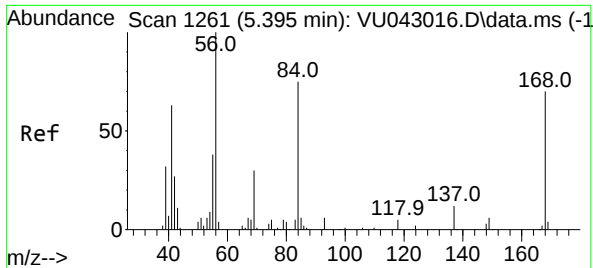
Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
74 16.4 16.6 25.0#



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion: 84 Resp: 306
Ion Ratio Lower Upper
84 100
49 104.1 112.6 169.0#
51 0.0 33.7 50.5#
86 64.9 51.7 77.5





#31

Cyclohexane

Concen: 1.28 ug/l

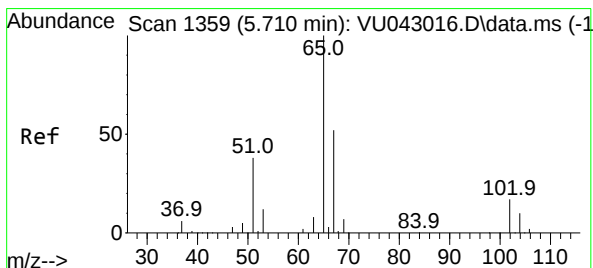
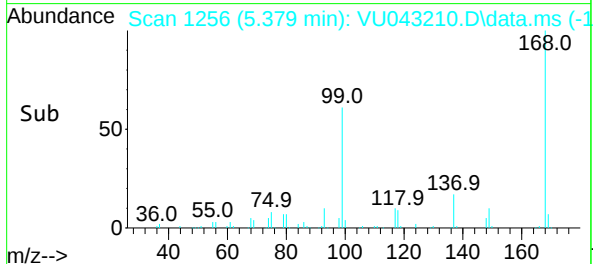
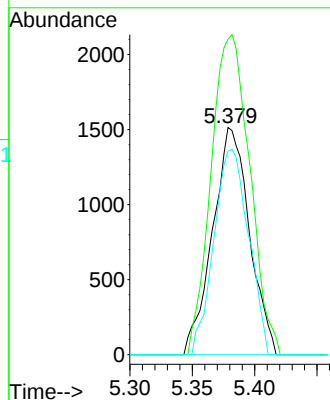
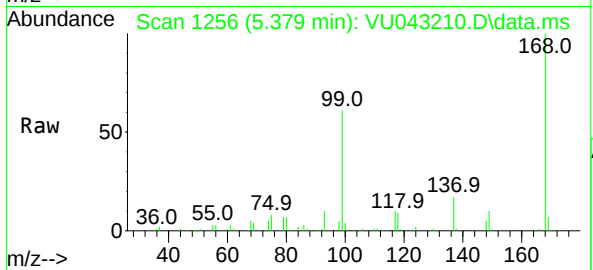
RT: 5.379 min Scan# 1256

Delta R.T. -0.016 min

Lab File: VU043210.D

Acq: 19 Apr 2021 21:25

Tgt Ion:	56	Resp:	3110
Ion	Ratio	Lower	Upper
56	100		
69	138.8	24.9	37.3#
84	89.6	63.7	95.5



#33

1,2-Dichloroethane-d4

Concen: 50.72 ug/l

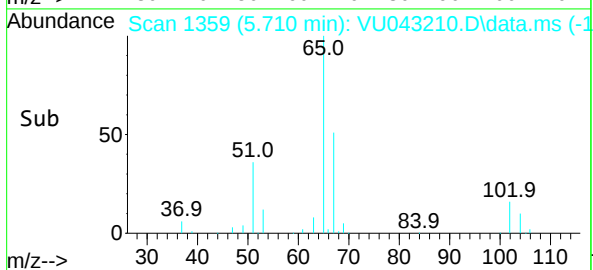
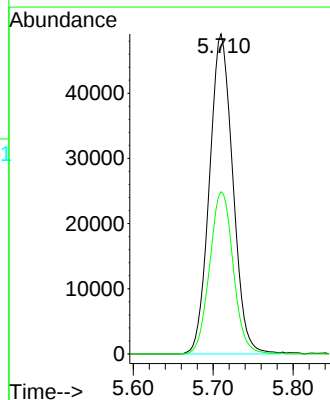
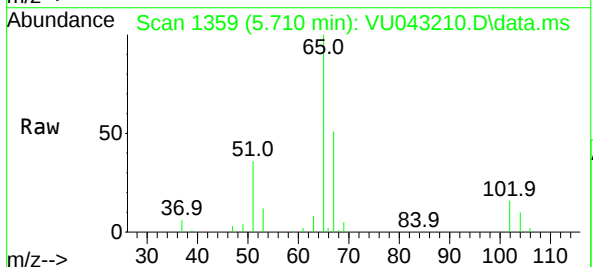
RT: 5.710 min Scan# 1359

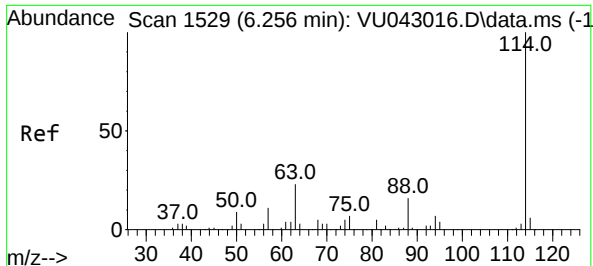
Delta R.T. -0.000 min

Lab File: VU043210.D

Acq: 19 Apr 2021 21:25

Tgt Ion:	65	Resp:	99723
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.8

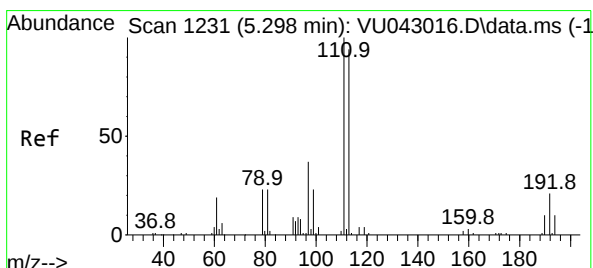
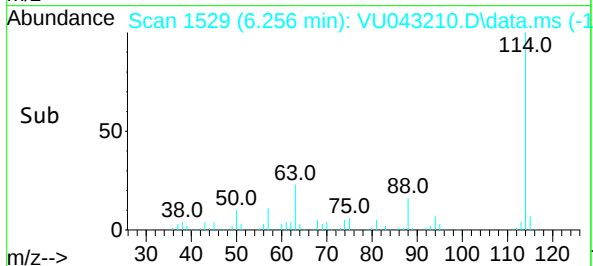
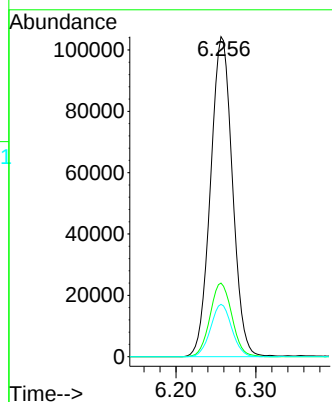
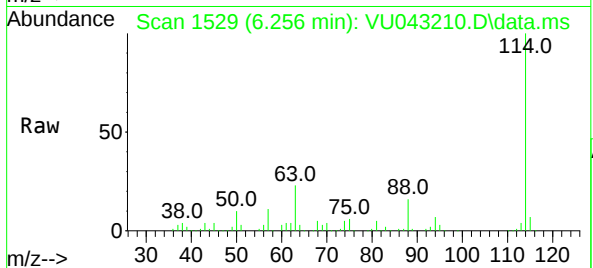




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

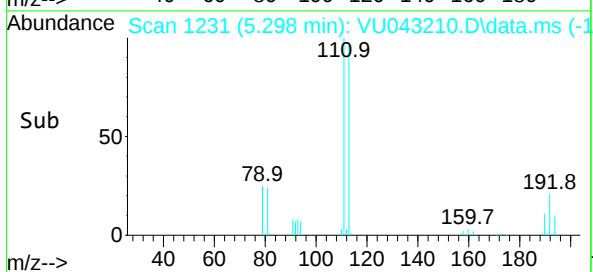
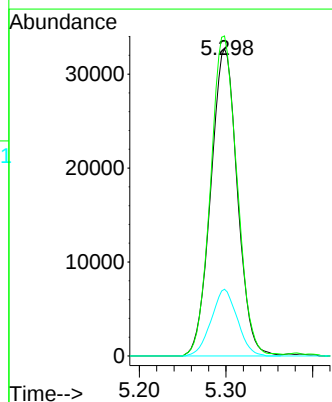
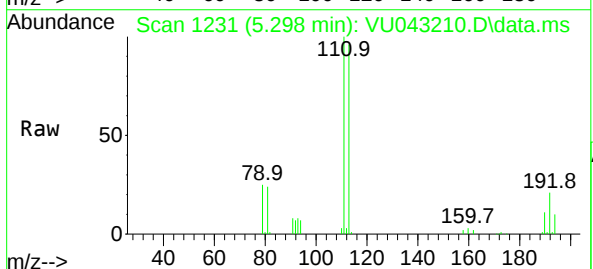
Instrument :
MSVOA_U
ClientSampleId :

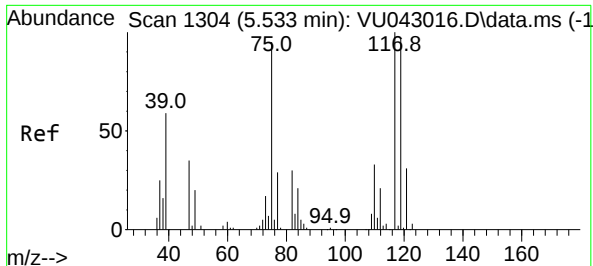
Tgt Ion:114 Resp: 197999
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.80 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion:113 Resp: 69624
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.8
192 21.4 17.2 25.8



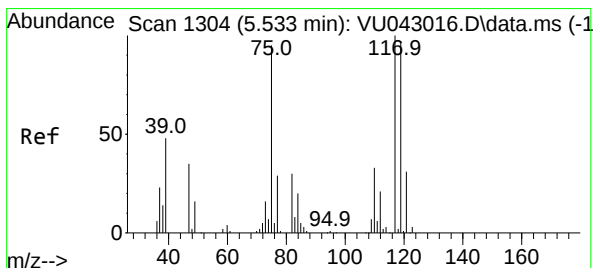
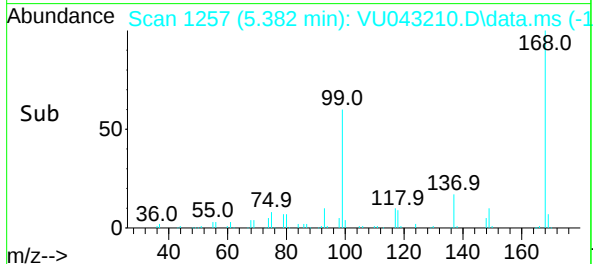
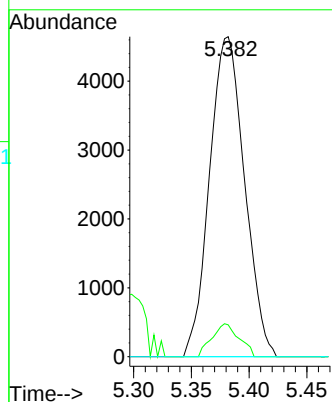
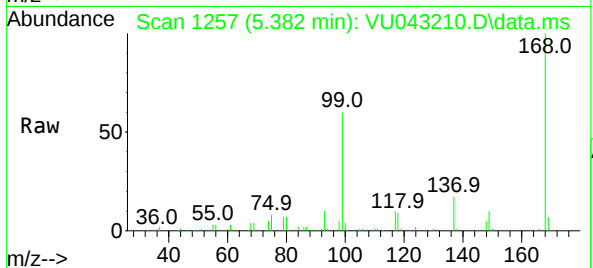


#36

1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Instrument :
MSVOA_U
ClientSampled :

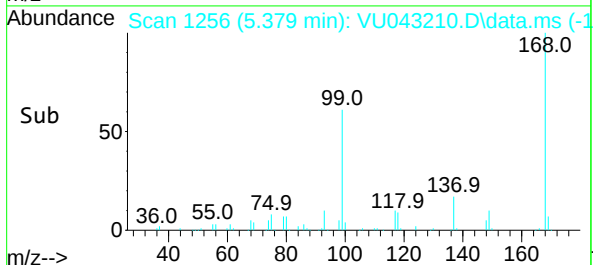
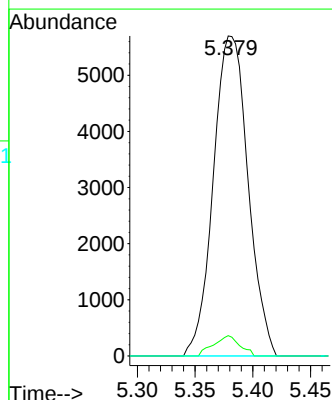
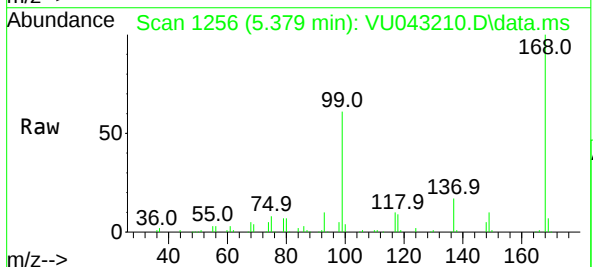
Tgt Ion: 75 Resp: 9785
Ion Ratio Lower Upper
75 100
110 8.0 16.8 50.3#
77 0.0 24.8 37.2#

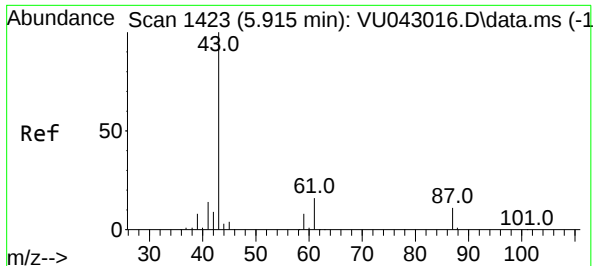


#38

Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion: 117 Resp: 11911
Ion Ratio Lower Upper
117 100
119 6.4 75.5 113.3#
121 0.0 24.7 37.1#



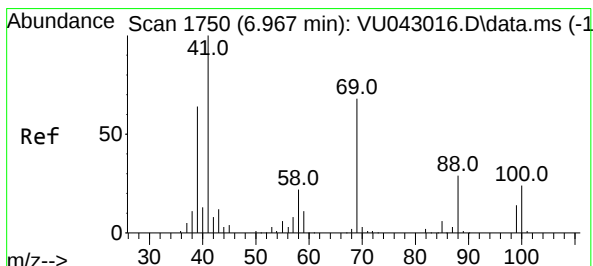
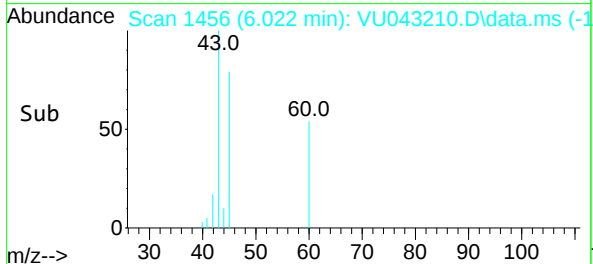
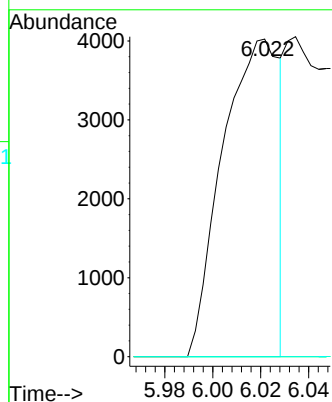
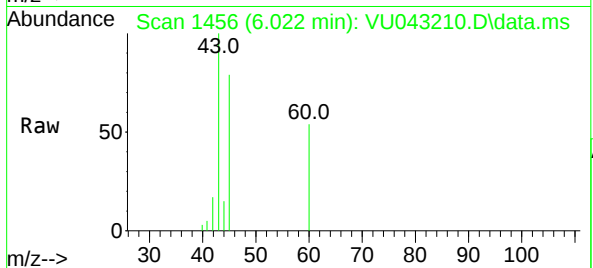


#43

Isopropyl Acetate
 Concen: 1.29 ug/l
 RT: 6.022 min Scan# 1456
 Delta R.T. 0.107 min
 Lab File: VU043210.D
 Acq: 19 Apr 2021 21:25

Instrument :
 MSVOA_U
 ClientSampleId :

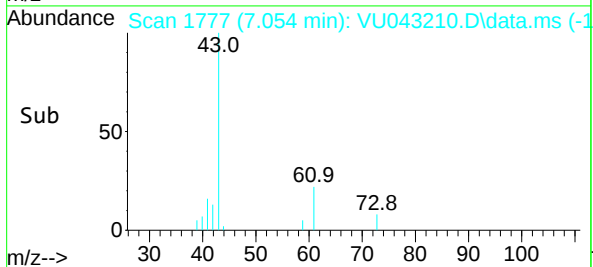
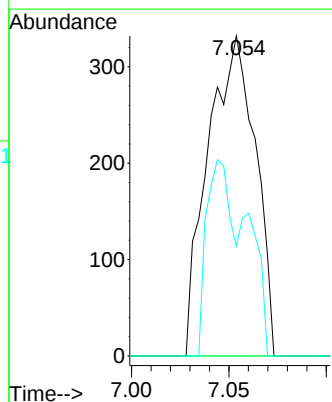
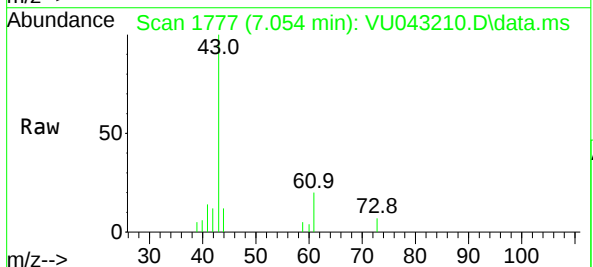
Tgt Ion: 43 Resp: 6621
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.4 21.6#
 87 0.0 8.8 13.2#

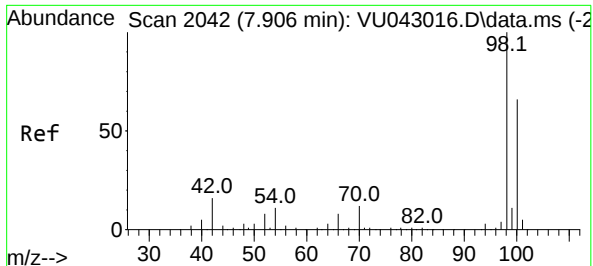


#48

Methyl methacrylate
 Concen: 0.22 ug/l
 RT: 7.054 min Scan# 1777
 Delta R.T. 0.087 min
 Lab File: VU043210.D
 Acq: 19 Apr 2021 21:25

Tgt Ion: 41 Resp: 562
 Ion Ratio Lower Upper
 41 100
 69 0.0 57.0 85.6#
 39 33.5 48.4 72.6#

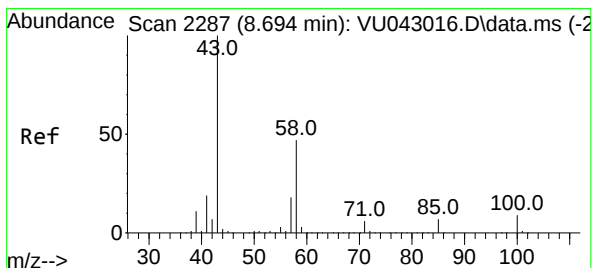
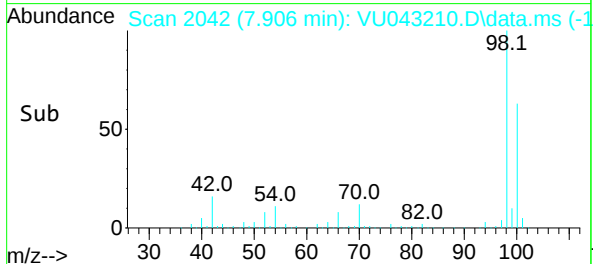
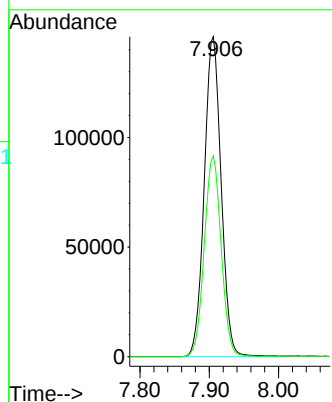
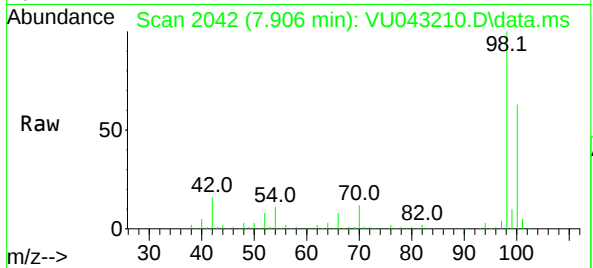




#50
Toluene-d8
Concen: 46.92 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

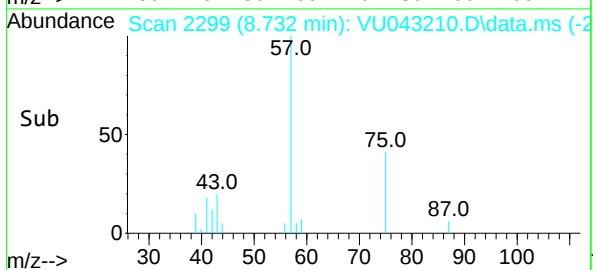
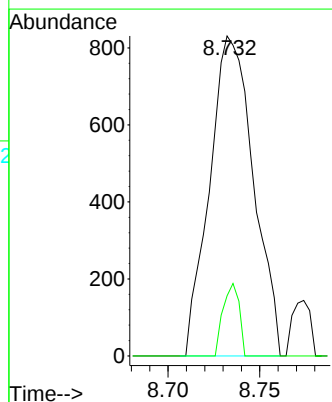
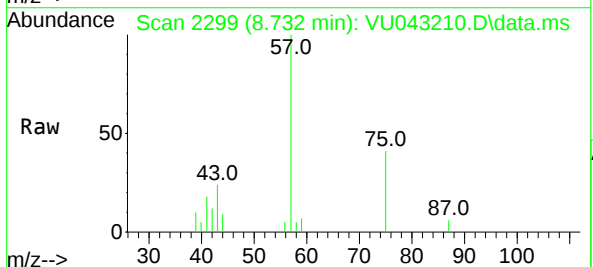
Instrument :
MSVOA_U
ClientSampleId :

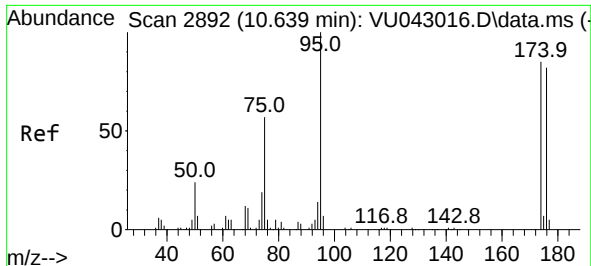
Tgt Ion: 98 Resp: 247022
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#59
2-Hexanone
Concen: 0.44 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 8.3 24.0 72.0#

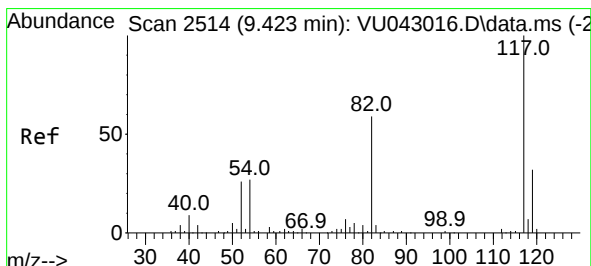
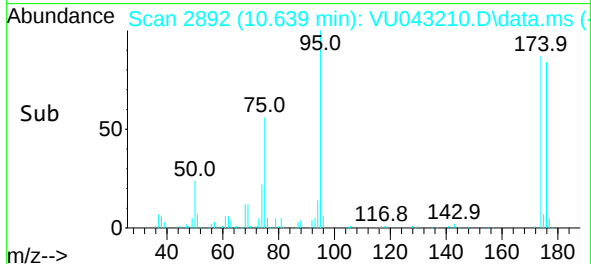
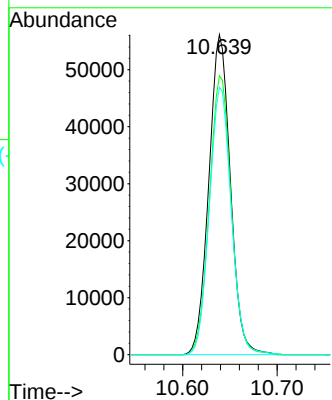
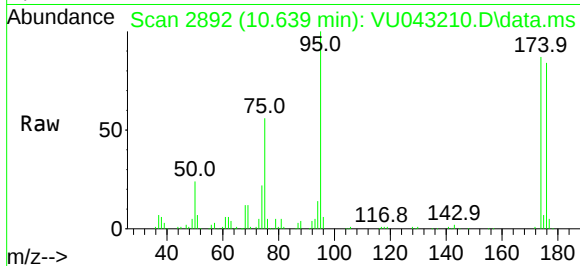




#62
4-Bromofluorobenzene
Concen: 42.26 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

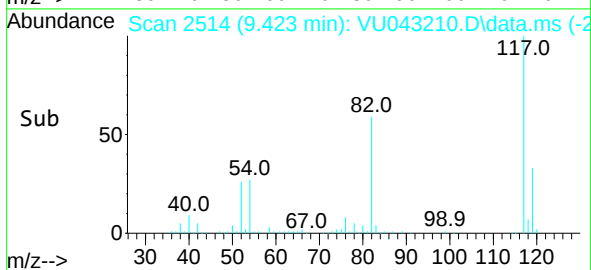
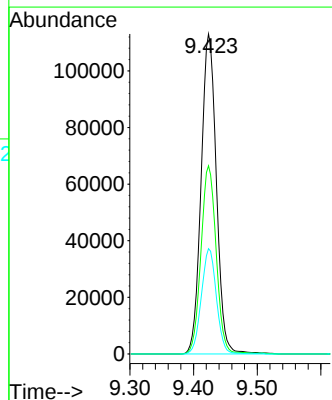
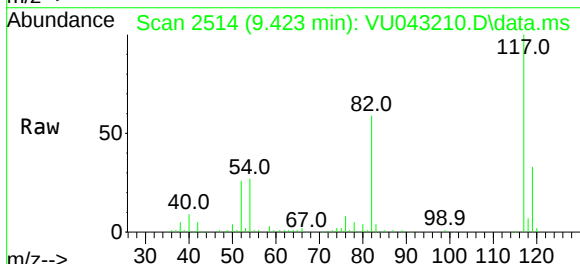
Instrument :
MSVOA_U
ClientSampleId :

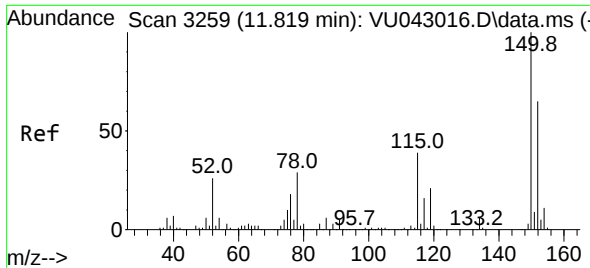
Tgt Ion: 95 Resp: 89099
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.2
176 84.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043210.D
Acq: 19 Apr 2021 21:25

Tgt Ion: 117 Resp: 188505
Ion Ratio Lower Upper
117 100
82 58.8 45.8 68.6
119 32.9 25.8 38.8

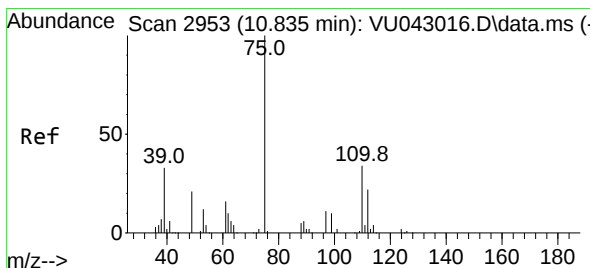
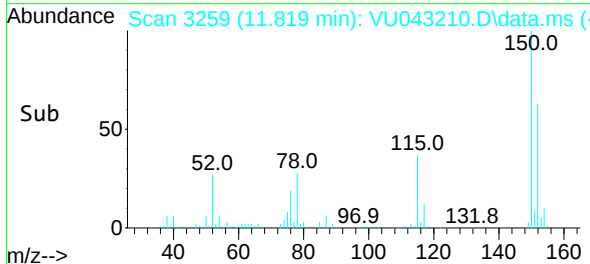
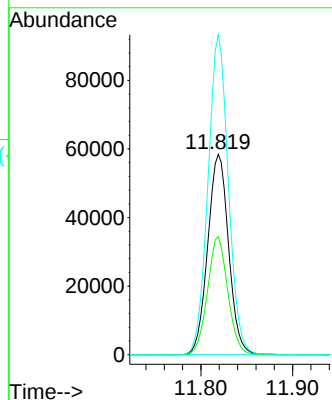
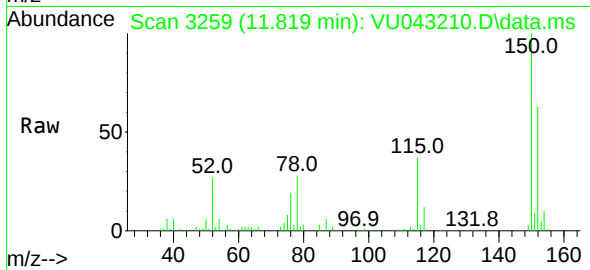




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043210.D
 Acq: 19 Apr 2021 21:25

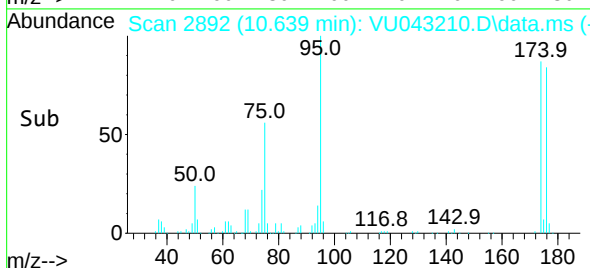
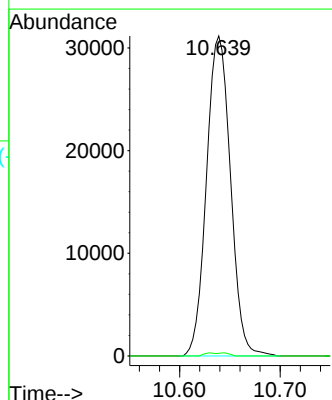
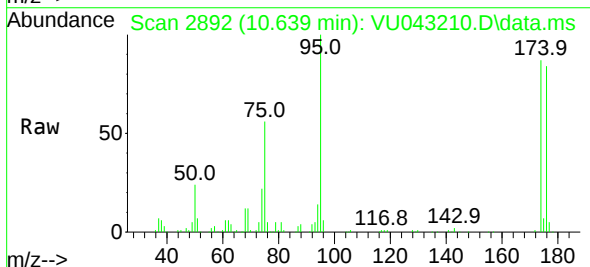
Instrument :
 MSVOA_U
 ClientSampled :

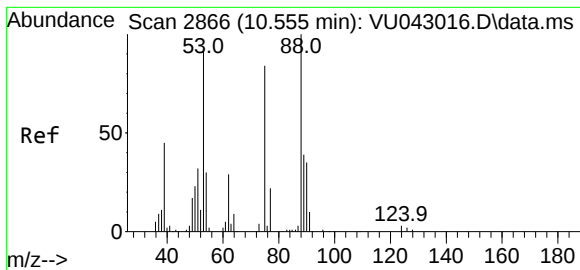
Tgt Ion:152 Resp: 92518
 Ion Ratio Lower Upper
 152 100
 115 57.2 41.5 124.6
 150 155.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 19.16 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043210.D
 Acq: 19 Apr 2021 21:25

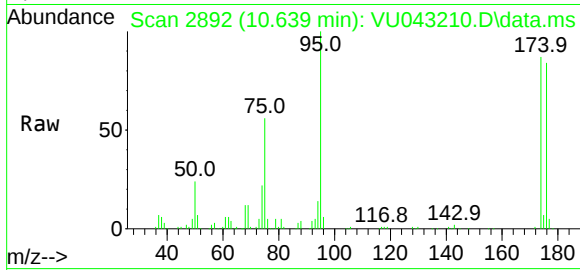
Tgt Ion: 75 Resp: 51788
 Ion Ratio Lower Upper
 75 100
 77 0.4 20.2 60.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.29 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. 0.084 min
 Lab File: VU043210.D
 Acq: 19 Apr 2021 21:25

Instrument :
 MSVOA_U
 ClientSampleId :



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

