

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043060.D
 Acq On : 13 Apr 2021 18:31
 Operator : SY/MD
 Sample : M1998-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:53:14 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)

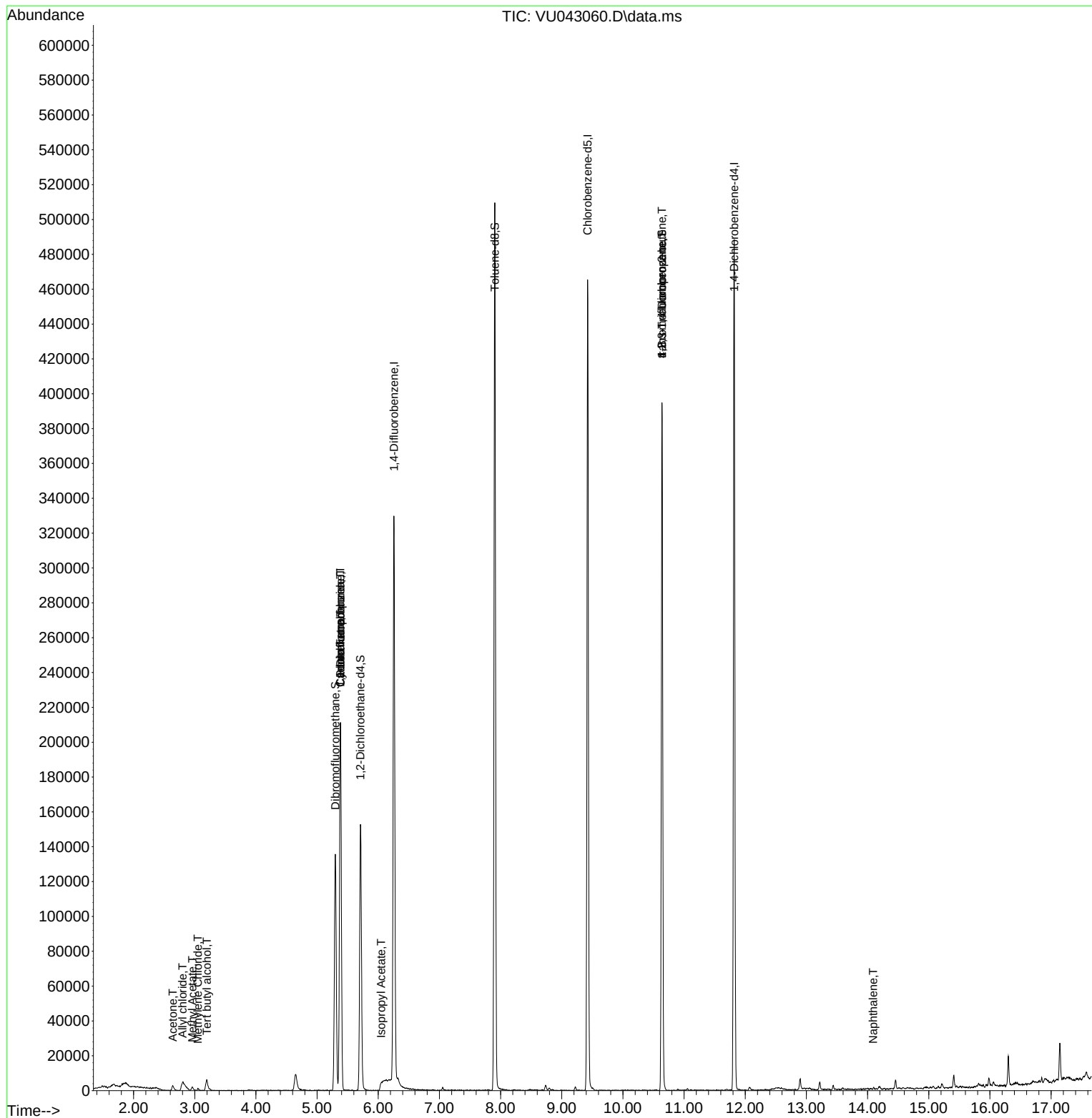
Internal Standards						
1) Pentafluorobenzene	5.382	168	146091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	239893	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	232100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	118817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119486	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.298	113	84580	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	7.906	98	310239	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	10.639	95	115566	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	333	Below Cal	#	41
11) Tert butyl alcohol	3.199	59	4951	7.82	ug/l #	94
14) Allyl chloride	2.800	41	735	0.22	ug/l #	46
16) Acetone	2.642	43	4212	2.61	ug/l #	89
18) Methyl Acetate	2.961	43	3209	1.05	ug/l #	68
20) Methylene Chloride	3.051	84	402	0.23	ug/l #	85
31) Cyclohexane	5.379	56	3551	1.17	ug/l #	20
36) 1,1-Dichloropropene	5.379	75	12196	4.79	ug/l #	50
38) Carbon Tetrachloride	5.379	117	14399	5.28	ug/l #	17
43) Isopropyl Acetate	6.047	43	2305	0.37	ug/l #	64
76) 1,2,3-Trichloropropane	10.639	75	67362	19.40	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	67362	57.01	ug/l #	7
95) Naphthalene	14.092	128	426	2.79	ug/l #	69

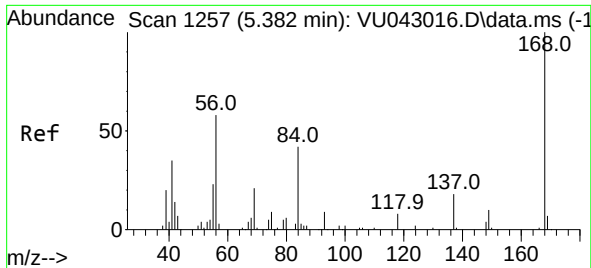
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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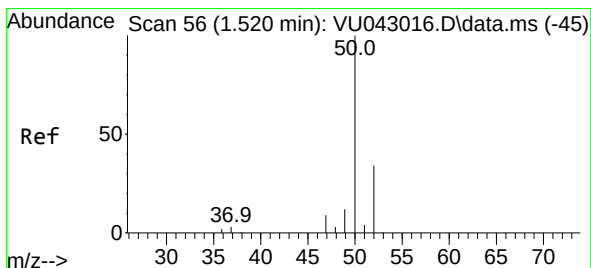
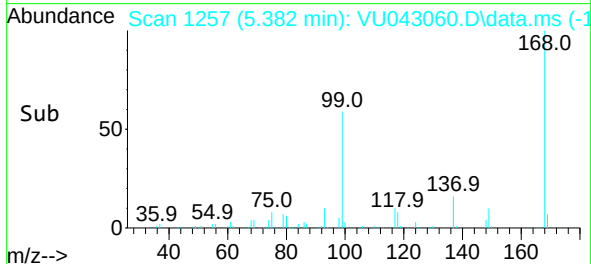
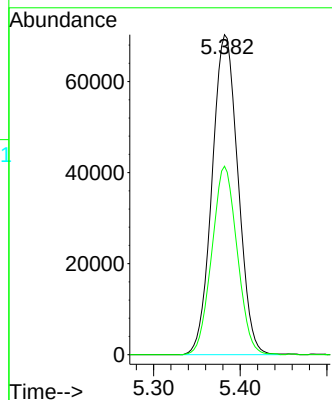
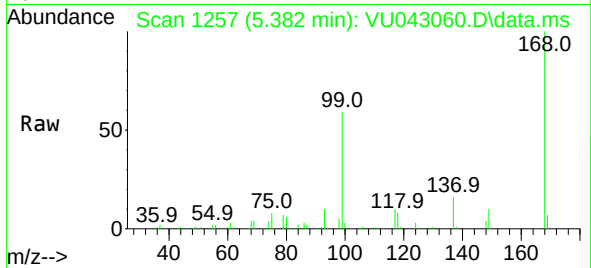




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

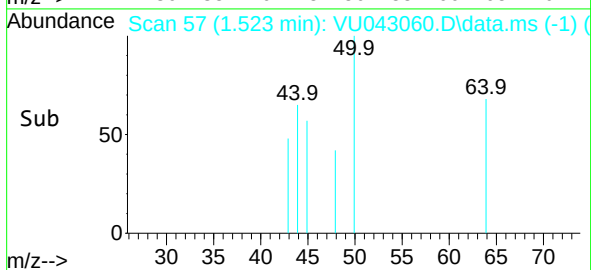
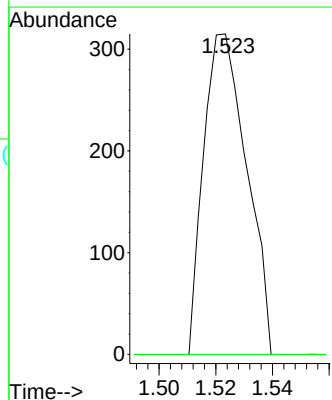
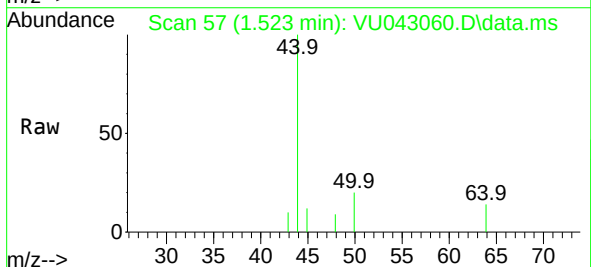
Instrument :
MSVOA_U
ClientSampleId :

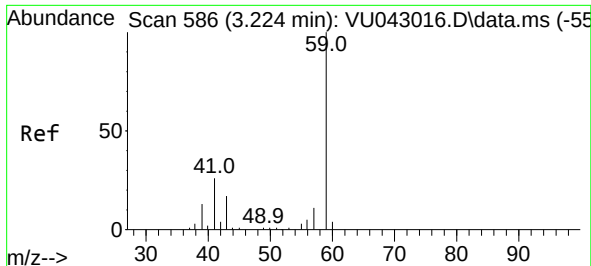
Tgt Ion:168 Resp: 146091
Ion Ratio Lower Upper
168 100
99 58.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

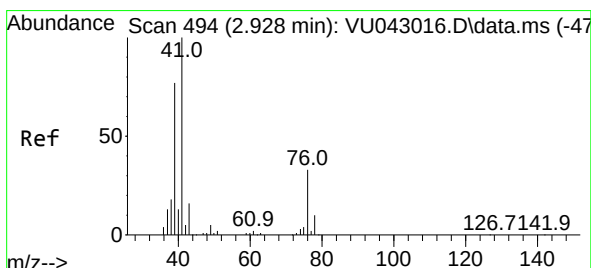
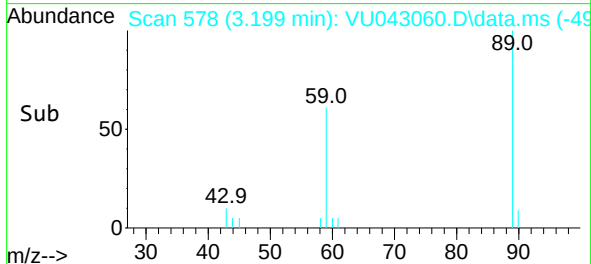
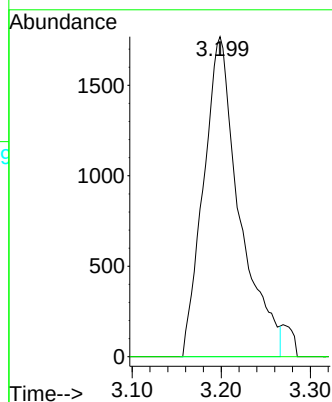
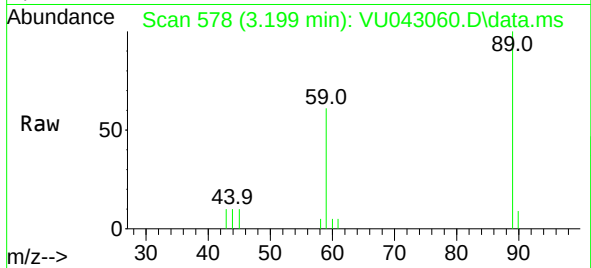




#11
Tert butyl alcohol
Concen: 7.82 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.025 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

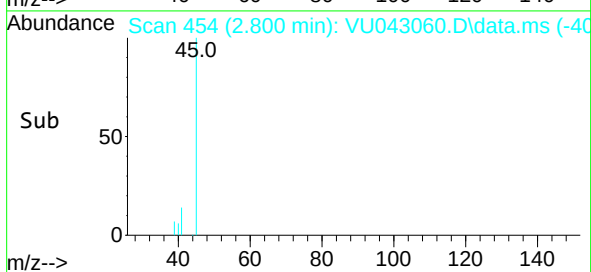
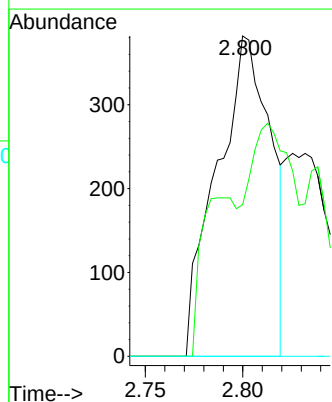
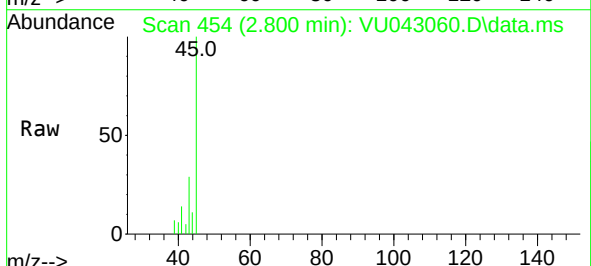
Instrument :
MSVOA_U
ClientSampled :

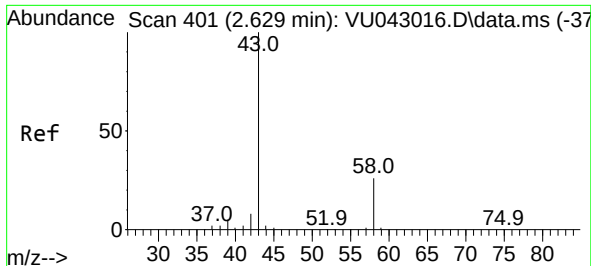
Tgt Ion: 59 Resp: 4951
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.128 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

Tgt Ion: 41 Resp: 735
Ion Ratio Lower Upper
41 100
39 24.8 54.9 82.3#
76 0.0 22.5 33.7#

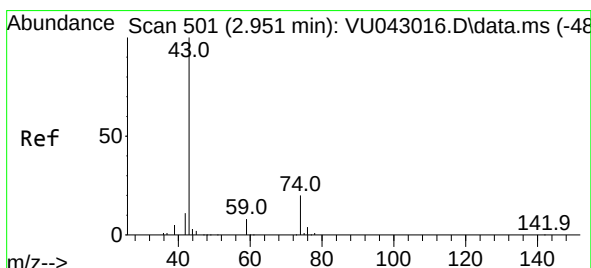
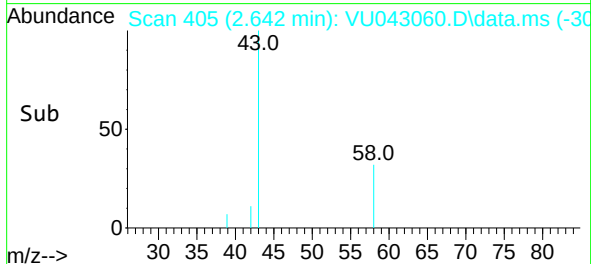
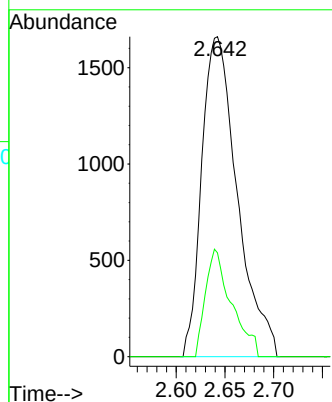
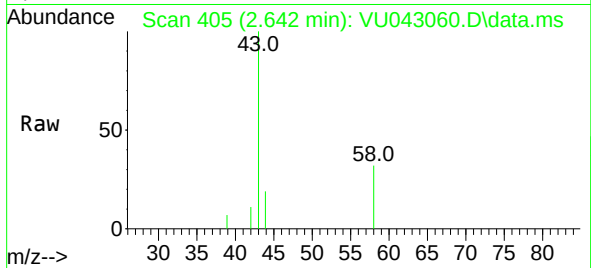




#16
Acetone
Concen: 2.61 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.013 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

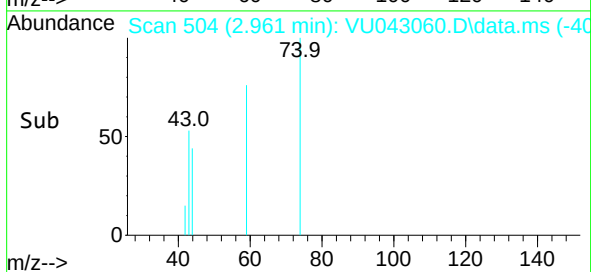
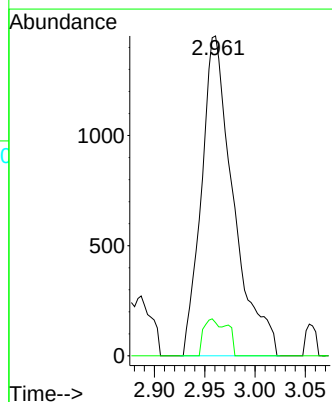
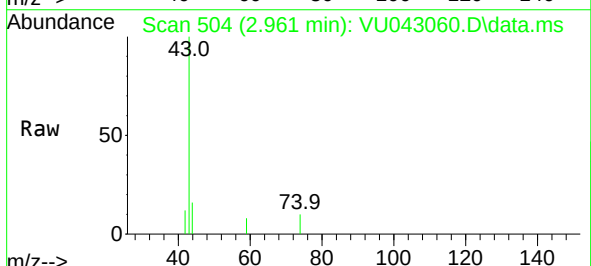
Instrument :
MSVOA_U
ClientSampleId :

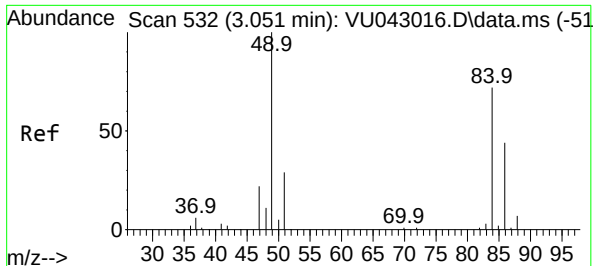
Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
58 32.5 21.5 32.3#



#18
Methyl Acetate
Concen: 1.05 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

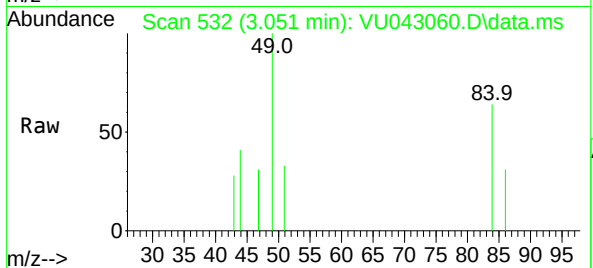
Tgt Ion: 43 Resp: 3209
Ion Ratio Lower Upper
43 100
74 6.0 16.6 25.0#





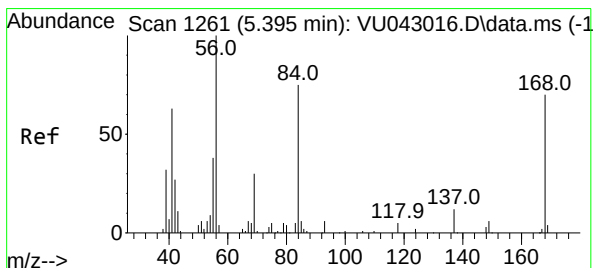
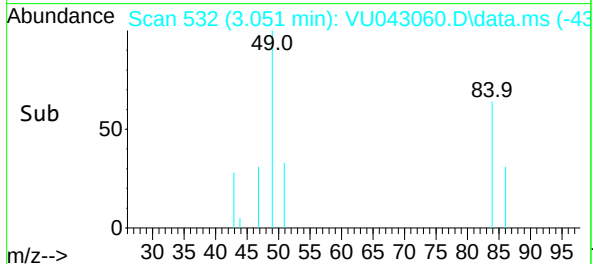
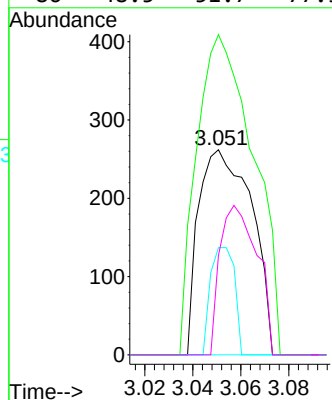
#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

Instrument :
MSVOA_U
ClientSampleId :

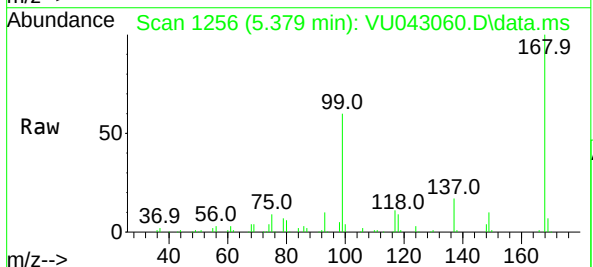


Tgt Ion: 84 Resp: 402

Ion	Ratio	Lower	Upper
84	100		
49	156.1	112.6	169.0
51	52.3	33.7	50.5#
86	48.5	51.7	77.5#

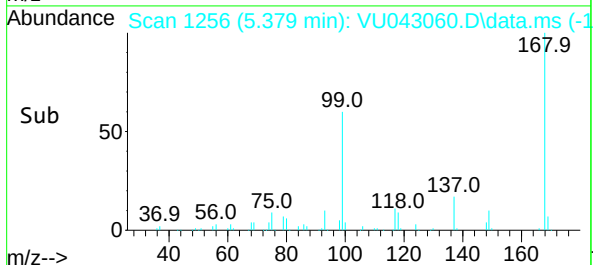
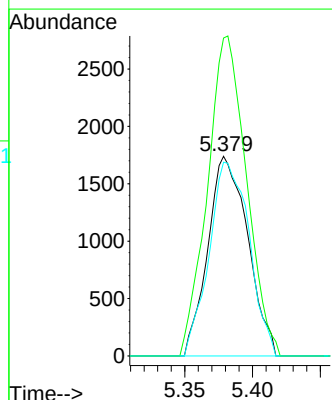


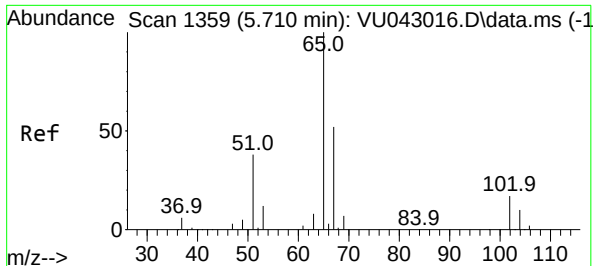
#31
Cyclohexane
Concen: 1.17 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31



Tgt Ion: 56 Resp: 3551

Ion	Ratio	Lower	Upper
56	100		
69	159.2	24.9	37.3#
84	97.0	63.7	95.5#

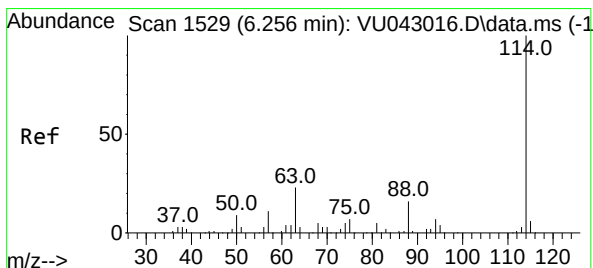
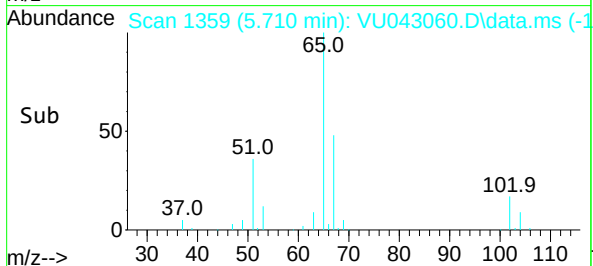
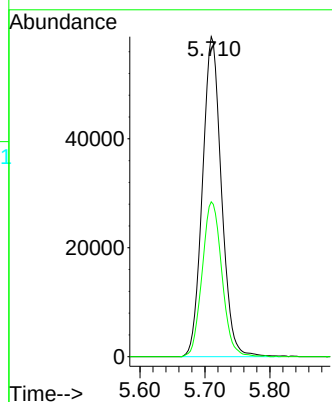
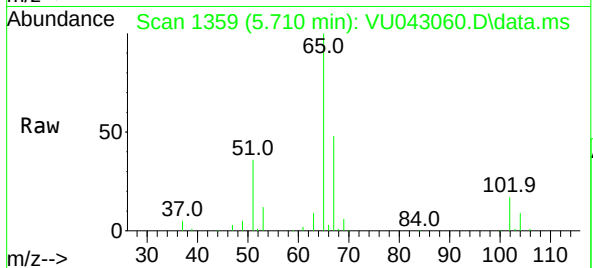




#33
 1,2-Dichloroethane-d4
 Concen: 48.65 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043060.D
 Acq: 13 Apr 2021 18:31

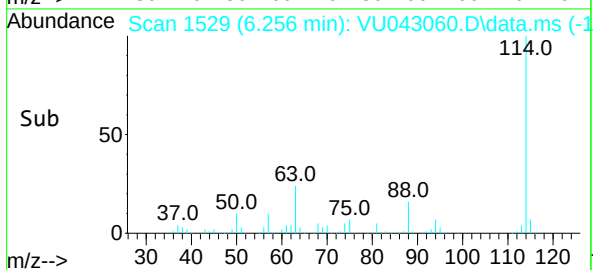
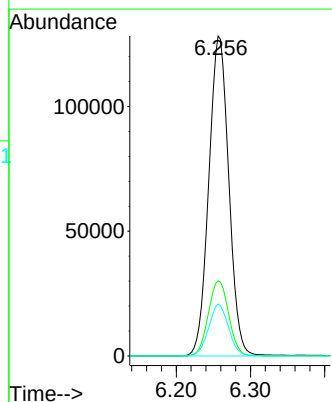
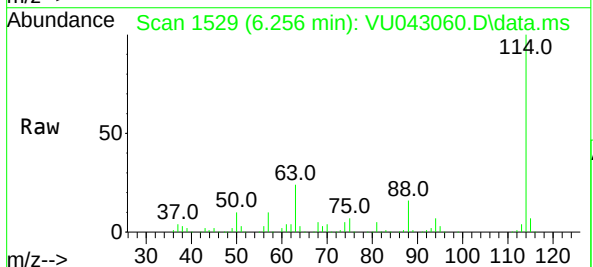
Instrument :
 MSVOA_U
 ClientSampled :

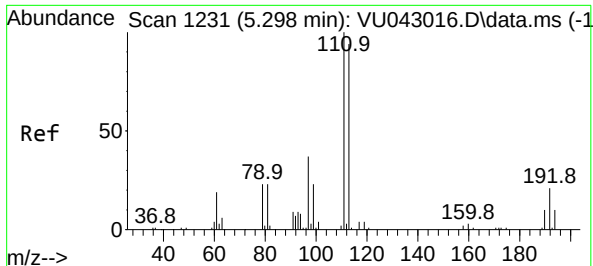
Tgt Ion: 65 Resp: 119486
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043060.D
 Acq: 13 Apr 2021 18:31

Tgt Ion: 114 Resp: 239893
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.2
 88 16.2 0.0 33.4

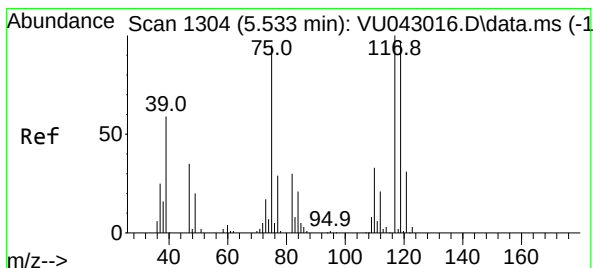
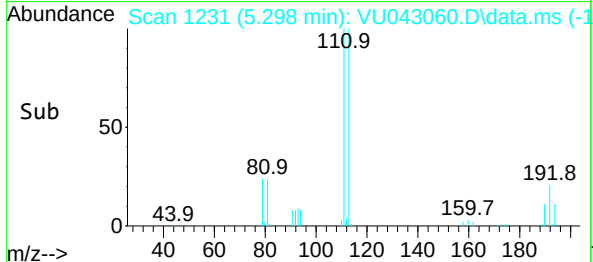
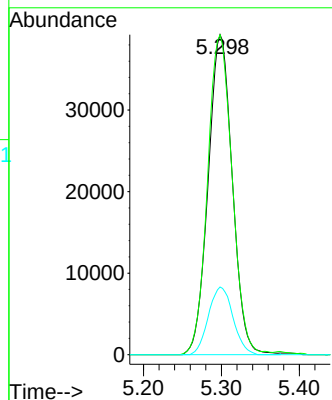
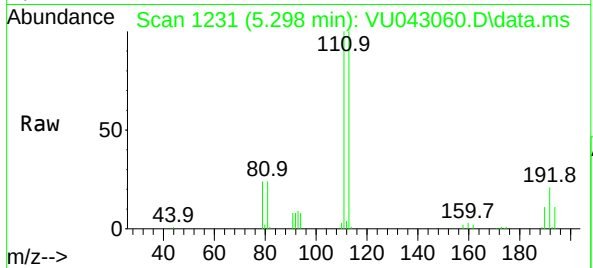




#35
Dibromofluoromethane
Concen: 46.92 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

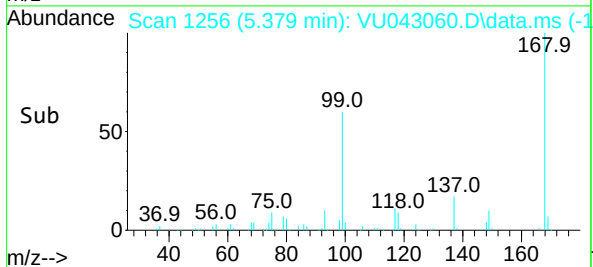
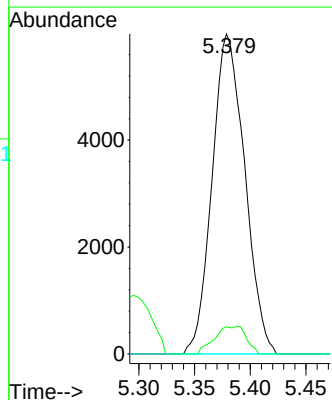
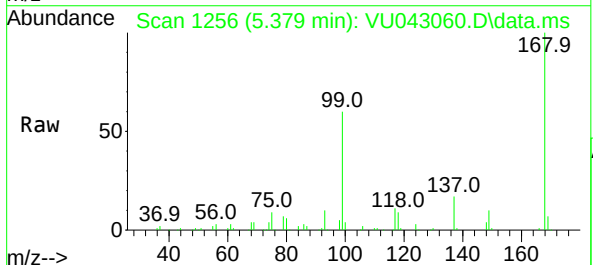
Instrument :
MSVOA_U
ClientSampled :

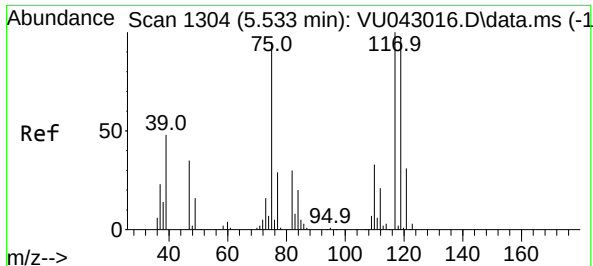
Tgt Ion:113 Resp: 84580
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

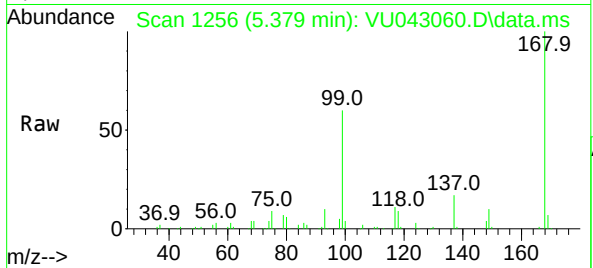
Tgt Ion: 75 Resp: 12196
Ion Ratio Lower Upper
75 100
110 8.3 16.8 50.3#
77 0.0 24.8 37.2#



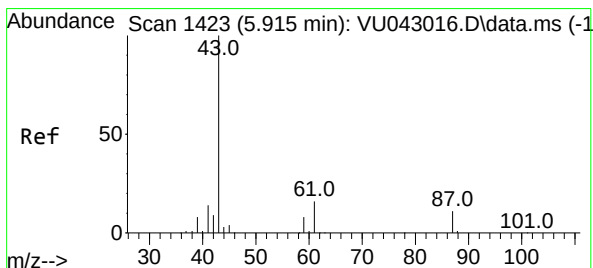
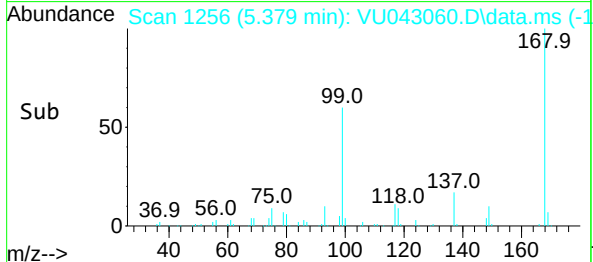
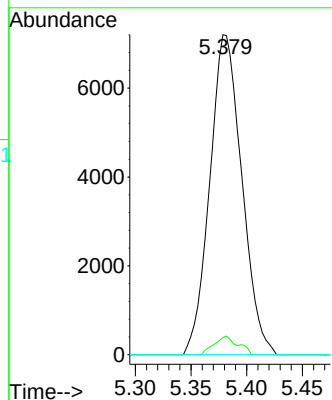


#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

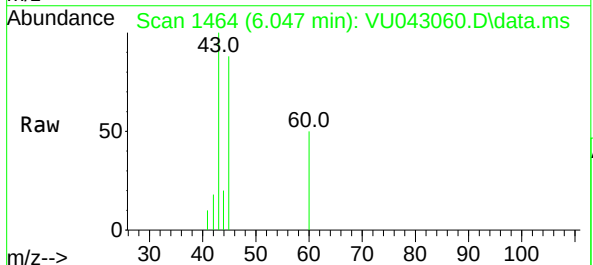
Instrument :
MSVOA_U
ClientSampleId :



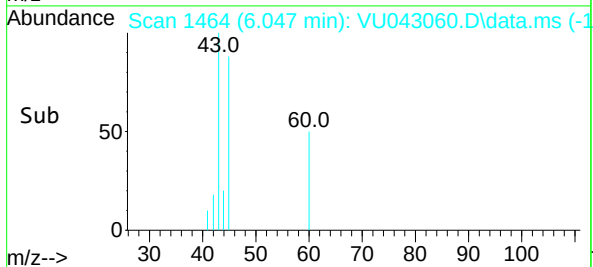
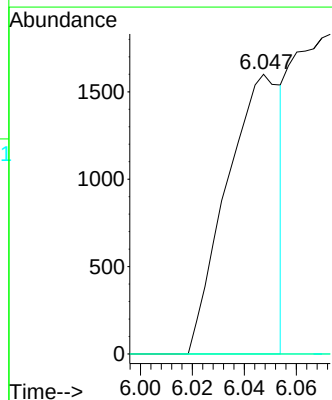
Tgt Ion: 117 Resp: 14399
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 24.7 37.1#

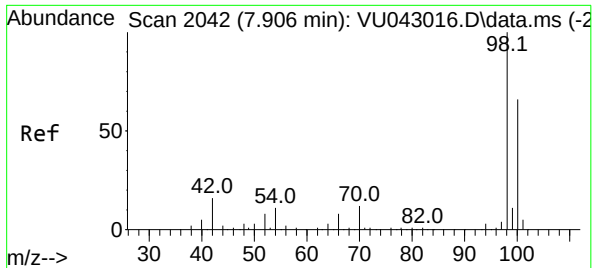


#43
Isopropyl Acetate
Concen: 0.37 ug/l
RT: 6.047 min Scan# 1464
Delta R.T. 0.132 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31



Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
61 0.0 14.4 21.6#
87 0.0 8.8 13.2#

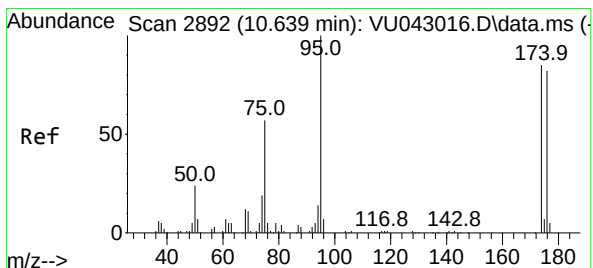
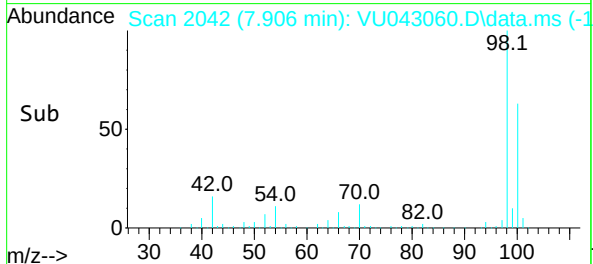
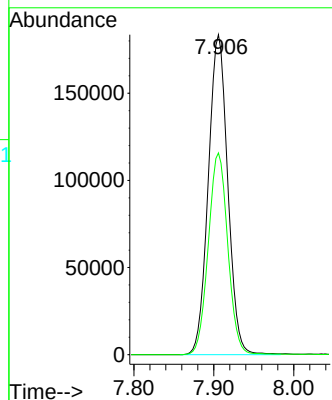
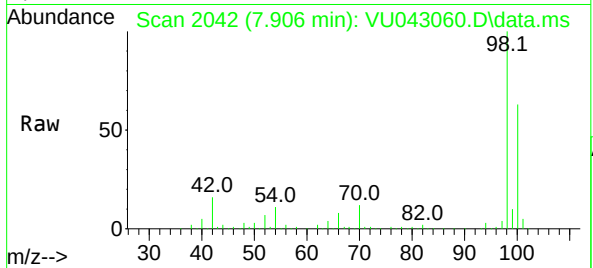




#50
Toluene-d8
Concen: 48.64 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

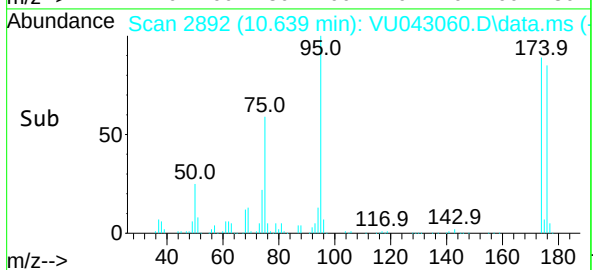
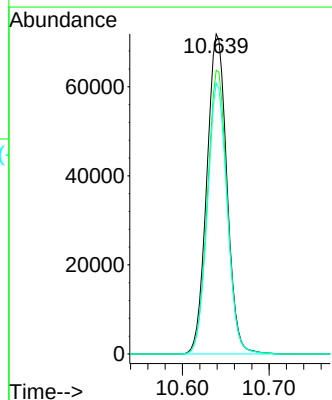
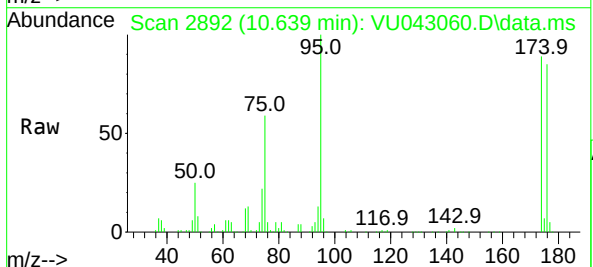
Instrument :
MSVOA_U
ClientSampled :

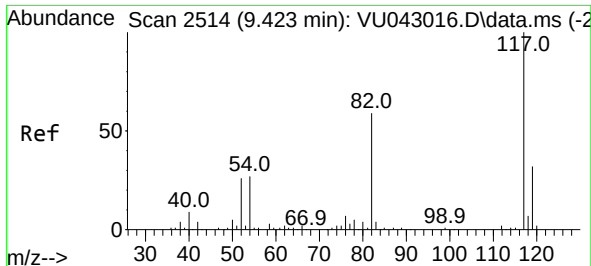
Tgt Ion: 98 Resp: 310239
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.24 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

Tgt Ion: 95 Resp: 115566
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 83.3 0.0 168.8

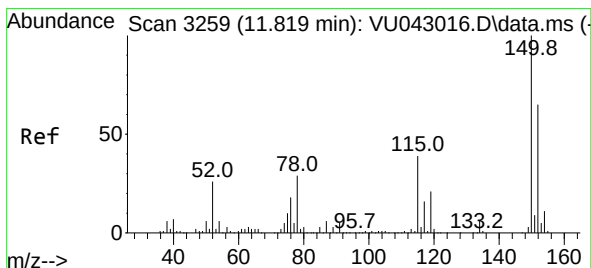
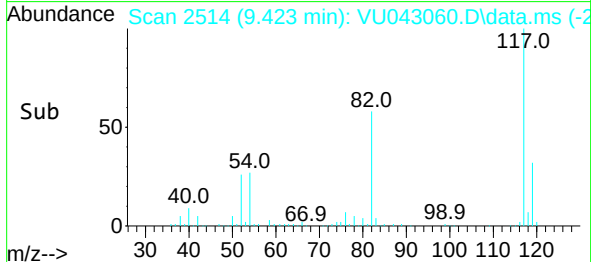
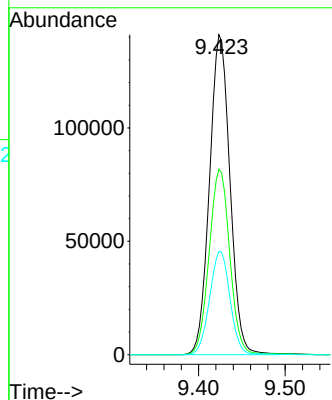
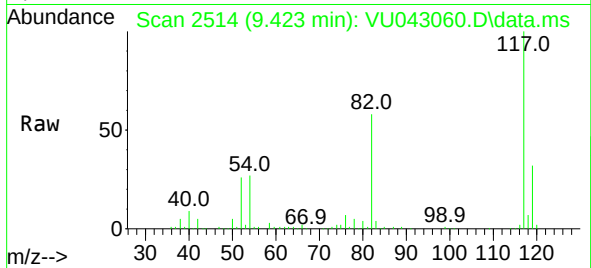




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

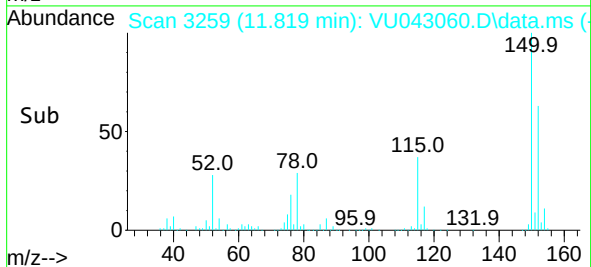
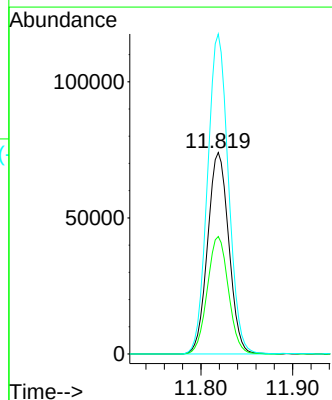
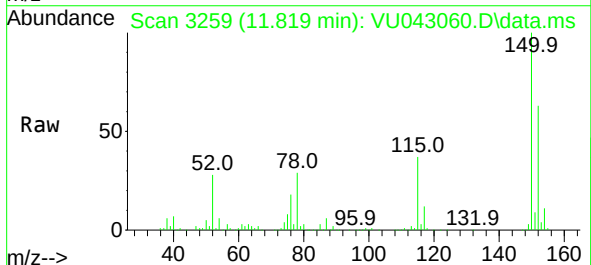
Instrument :
MSVOA_U
ClientSampled :

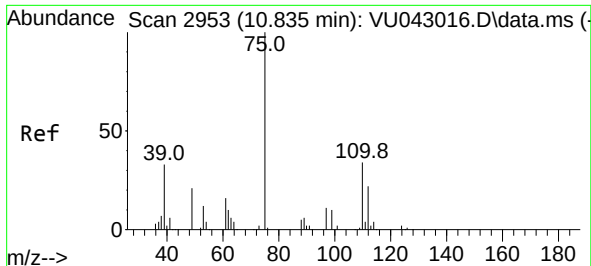
Tgt Ion:117 Resp: 232100
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

Tgt Ion:152 Resp: 118817
Ion Ratio Lower Upper
152 100
115 58.0 41.5 124.6
150 156.7 0.0 342.4

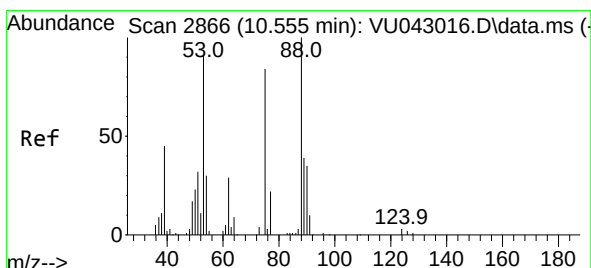
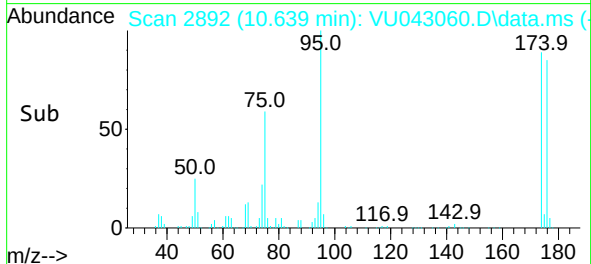
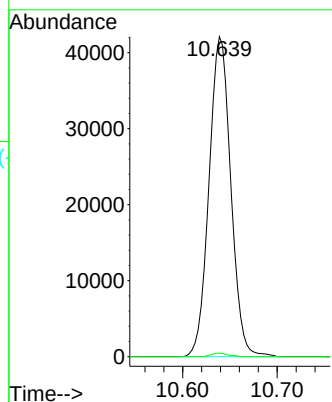
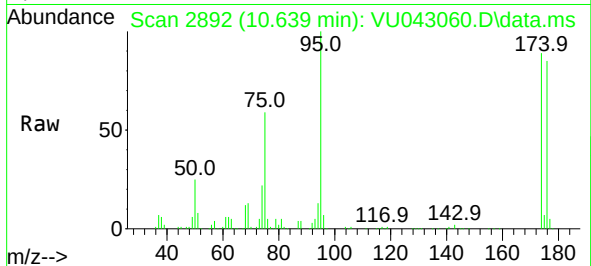




#76
1,2,3-Trichloropropane
Concen: 19.40 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

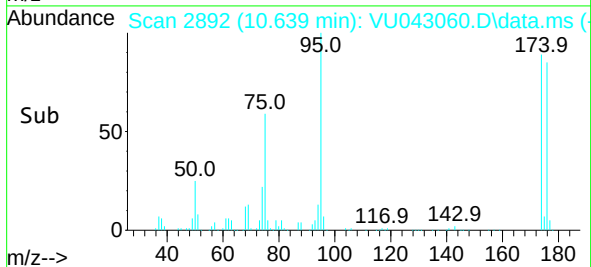
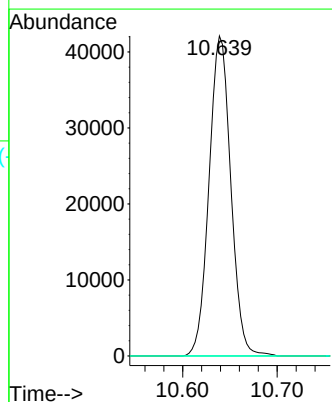
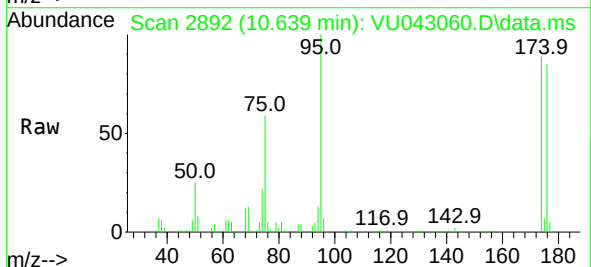
Instrument :
MSVOA_U
ClientSampled :

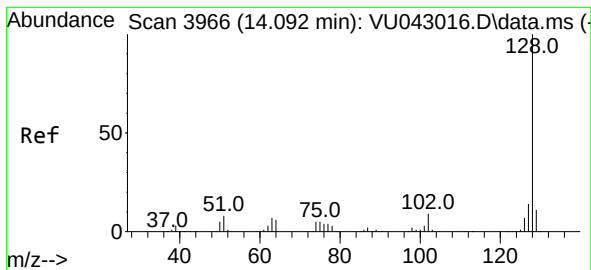
Tgt Ion: 75 Resp: 67362
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.01 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043060.D
Acq: 13 Apr 2021 18:31

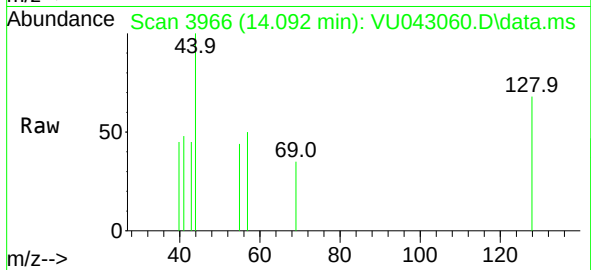
Tgt Ion: 75 Resp: 67362
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
 Naphthalene
 Concen: 2.79 ug/l
 RT: 14.092 min Scan# 3966
 Delta R.T. 0.000 min
 Lab File: VU043060.D
 Acq: 13 Apr 2021 18:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	426
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

