

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043029.D
 Acq On : 12 Apr 2021 17:33
 Operator : SY/MD
 Sample : M1967-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB 2021-04-06_SO

Quant Time: Apr 13 05:14:46 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)

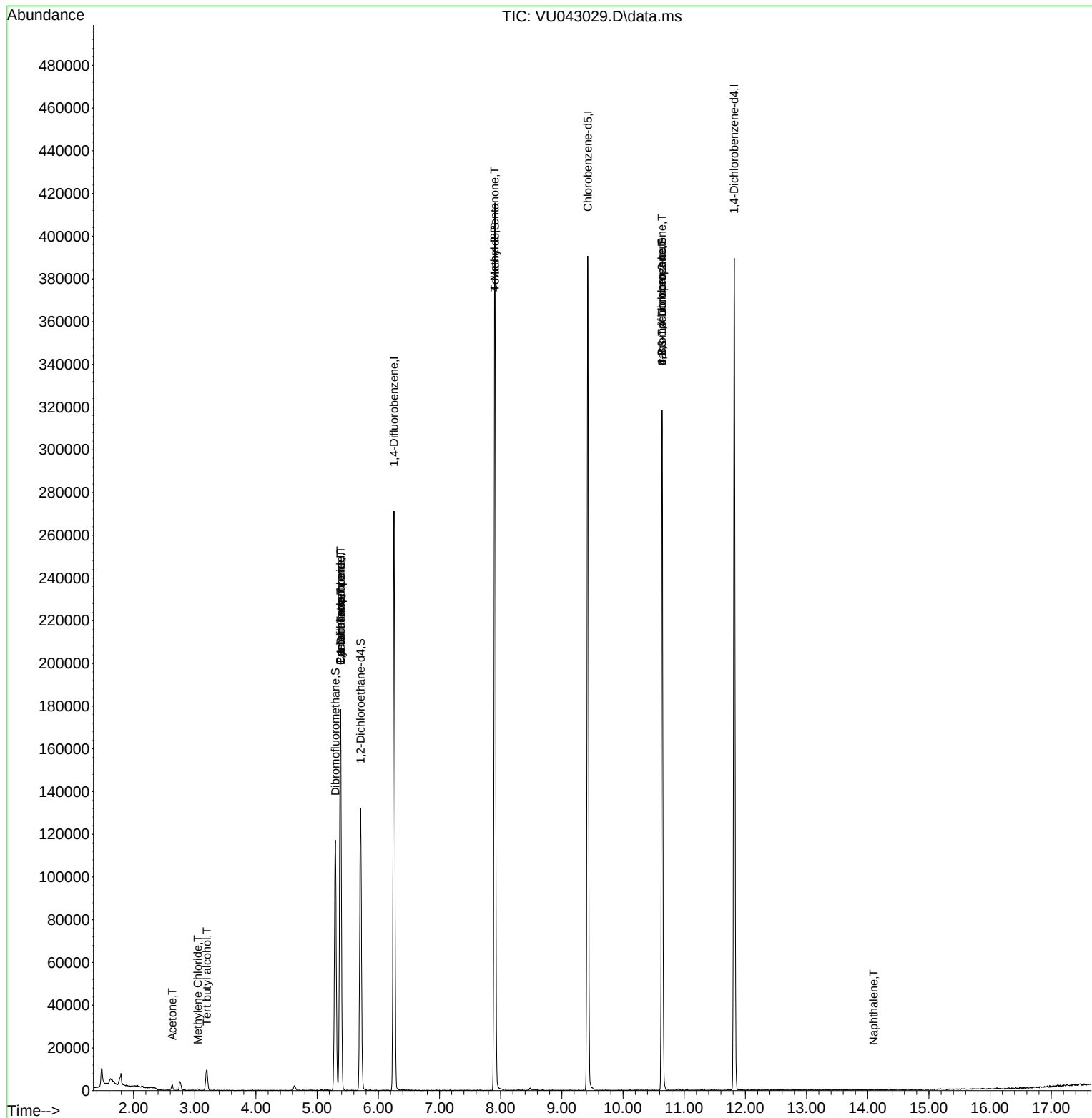
Internal Standards						
1) Pentafluorobenzene	5.382	168	123459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	200413	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	193280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	95135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101325	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	5.298	113	71206	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	7.906	98	254891	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.639	95	93928	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	335	Below Cal	#	41
11) Tert butyl alcohol	3.199	59	6327	11.83	ug/l #	96
16) Acetone	2.633	43	3232	2.35	ug/l	98
20) Methylene Chloride	3.051	84	300	0.20	ug/l #	64
31) Cyclohexane	5.382	56	2968	1.16	ug/l #	39
36) 1,1-Dichloropropene	5.382	75	10769	5.07	ug/l #	50
38) Carbon Tetrachloride	5.382	117	12415	5.45	ug/l #	17
51) 4-Methyl-2-Pentanone	7.903	43	1478	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	54441	19.58	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	54441	57.54	ug/l #	7
95) Naphthalene	14.095	128	160	2.76	ug/l #	69

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

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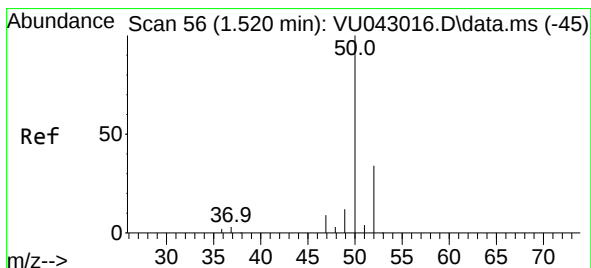
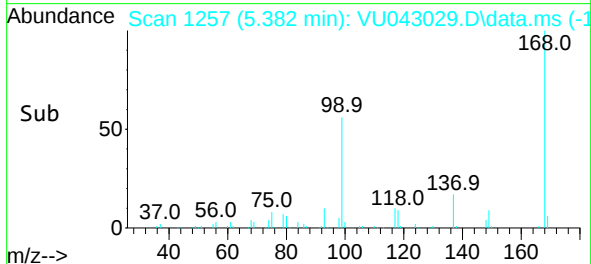
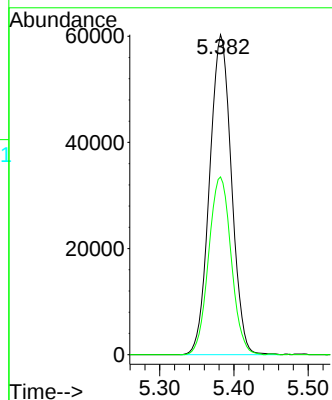
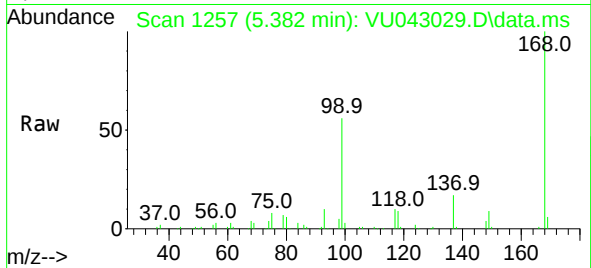




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

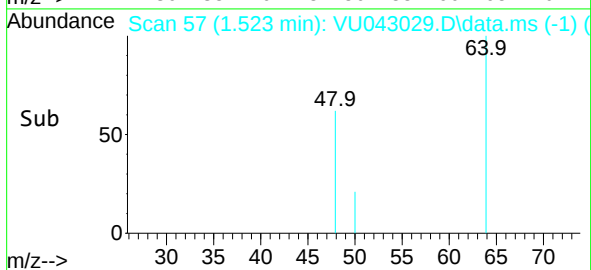
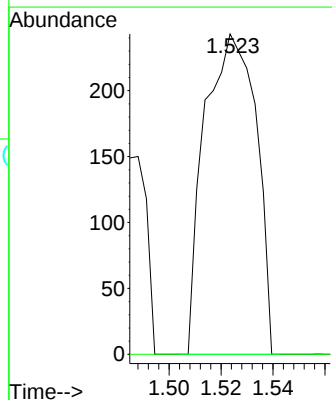
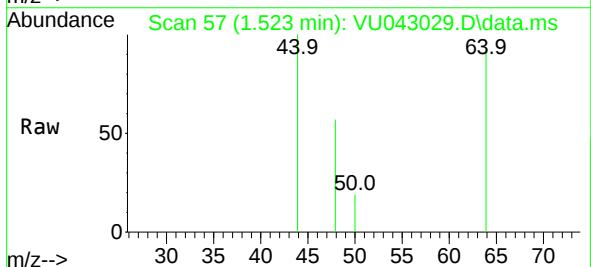
Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

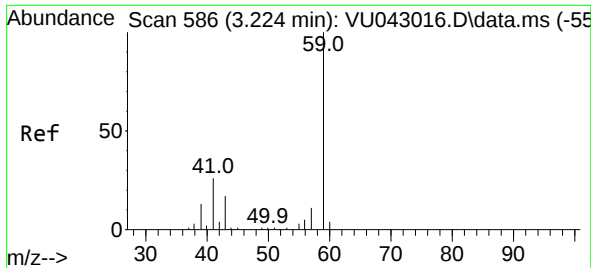
Tgt Ion:168 Resp: 123459
Ion Ratio Lower Upper
168 100
99 55.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Tgt Ion: 50 Resp: 335
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

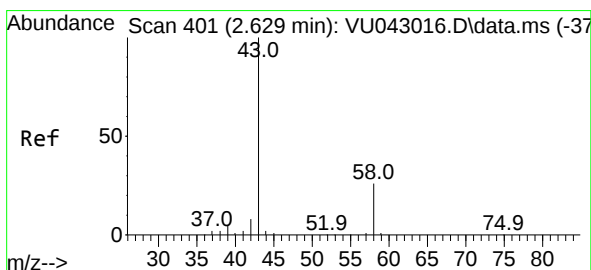
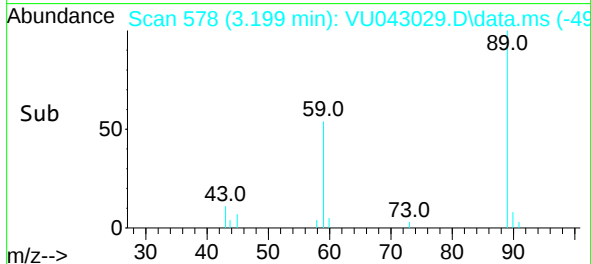
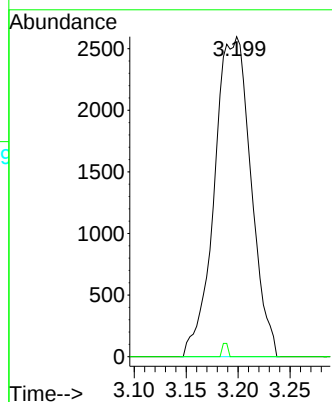
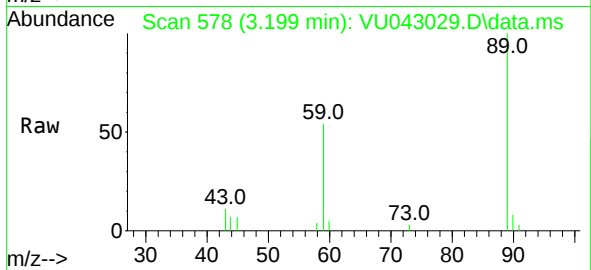




#11
Tert butyl alcohol
Concen: 11.83 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.025 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

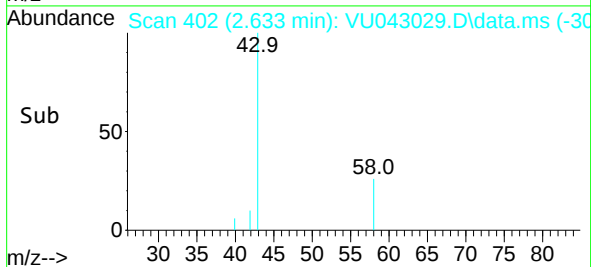
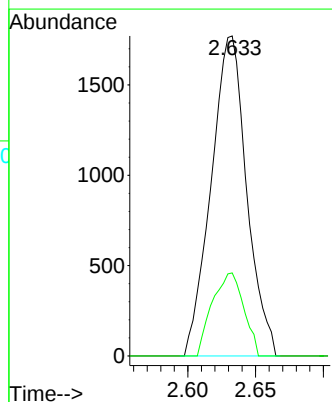
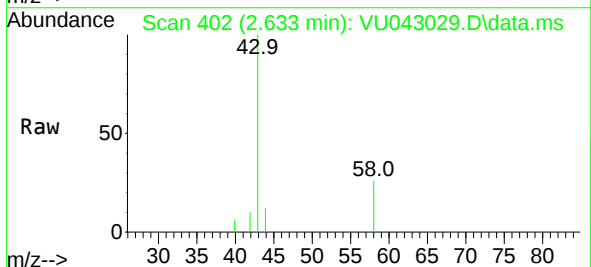
Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

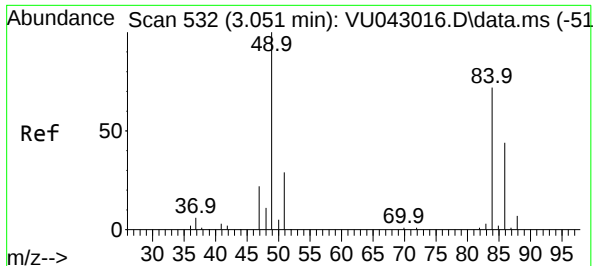
Tgt Ion: 59 Resp: 6327
Ion Ratio Lower Upper
59 100
57 0.7 1.6 2.4#



#16
Acetone
Concen: 2.35 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Tgt Ion: 43 Resp: 3232
Ion Ratio Lower Upper
43 100
58 26.0 21.5 32.3





#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 3.051 min Scan# 532

Delta R.T. -0.000 min

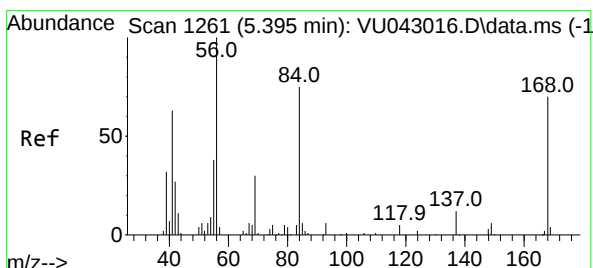
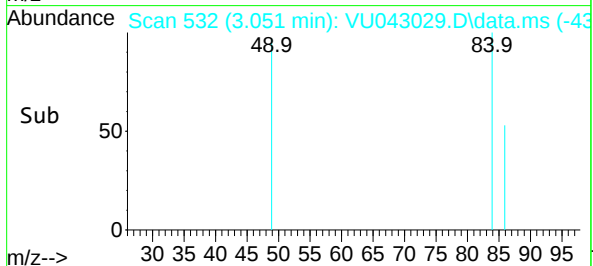
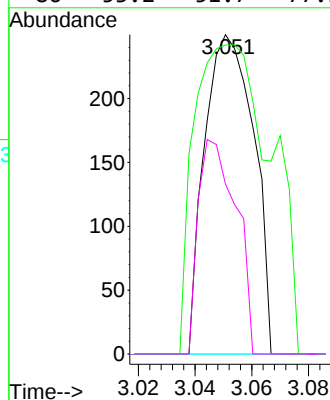
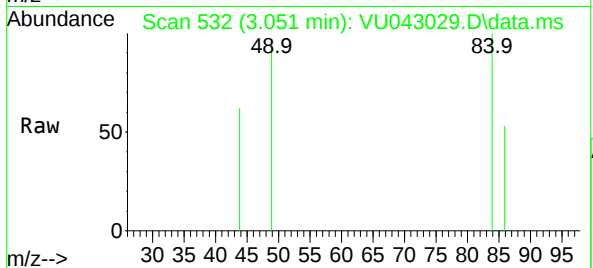
Lab File: VU043029.D

Acq: 12 Apr 2021 17:33

Instrument :
MSVOA_U
ClientSampleId :
EB_2021-04-06_SO

Tgt Ion: 84 Resp: 300

Ion	Ratio	Lower	Upper
84	100		
49	96.8	112.6	169.0#
51	0.0	33.7	50.5#
86	53.2	51.7	77.5



#31

Cyclohexane

Concen: 1.16 ug/l

RT: 5.382 min Scan# 1257

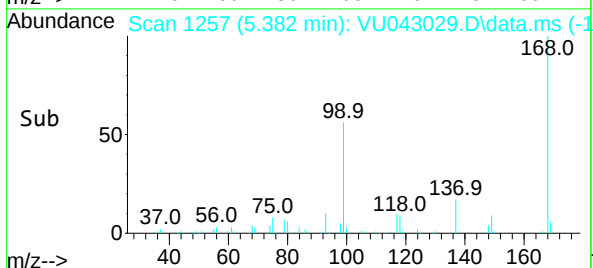
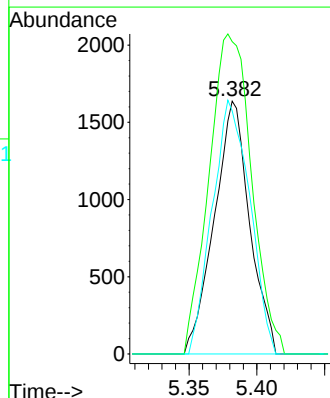
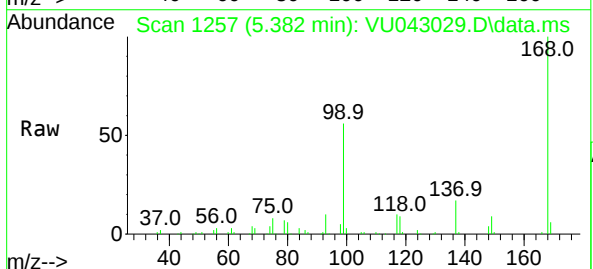
Delta R.T. -0.013 min

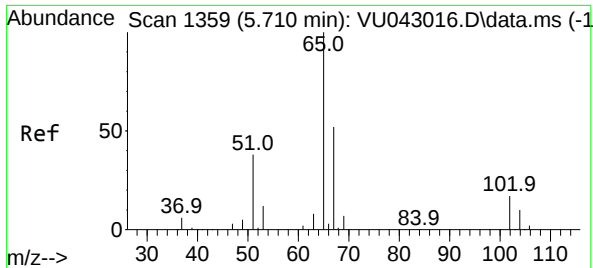
Lab File: VU043029.D

Acq: 12 Apr 2021 17:33

Tgt Ion: 56 Resp: 2968

Ion	Ratio	Lower	Upper
56	100		
69	123.5	24.9	37.3#
84	96.2	63.7	95.5#

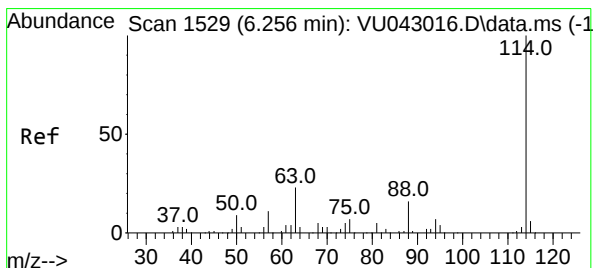
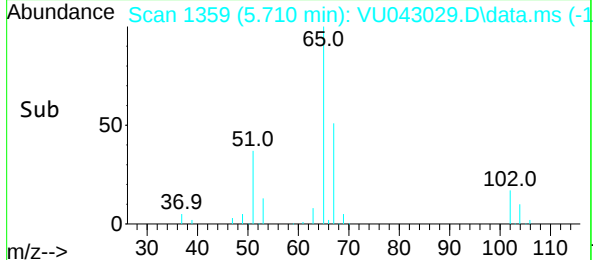
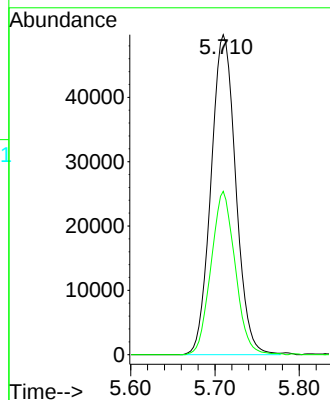
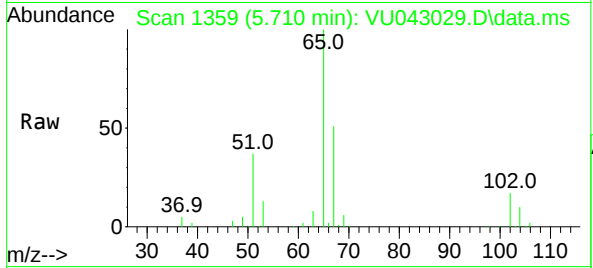




#33
 1,2-Dichloroethane-d4
 Concen: 48.82 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. -0.000 min
 Lab File: VU043029.D
 Acq: 12 Apr 2021 17:33

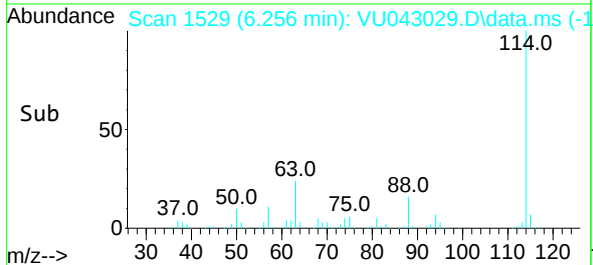
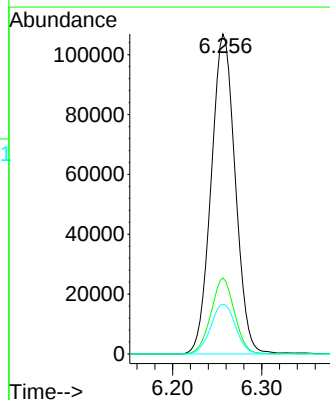
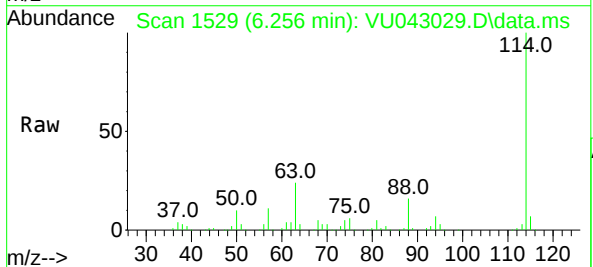
Instrument :
 MSVOA_U
 ClientSampleId :
 EB 2021-04-06_SO

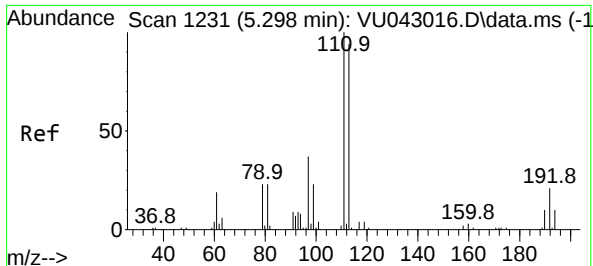
Tgt Ion:	65	Resp:	101325
Ion Ratio	Lower	Upper	
65	100		
67	49.8	0.0	99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043029.D
 Acq: 12 Apr 2021 17:33

Tgt Ion:	114	Resp:	200413
Ion Ratio	Lower	Upper	
114	100		
63	23.8	0.0	44.2
88	15.5	0.0	33.4

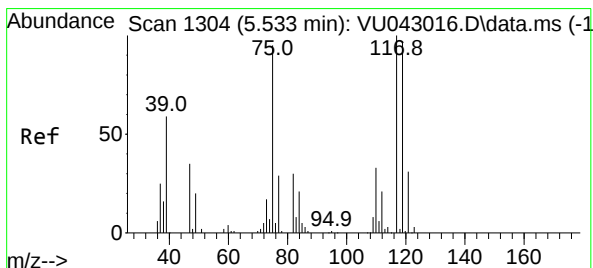
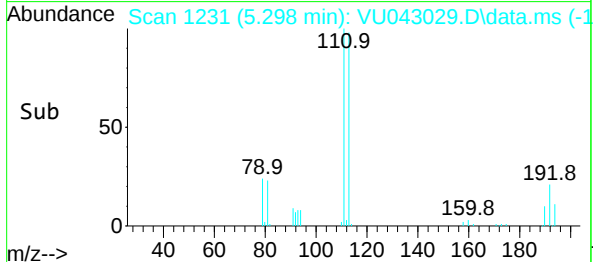
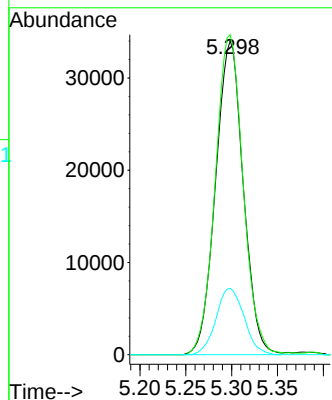
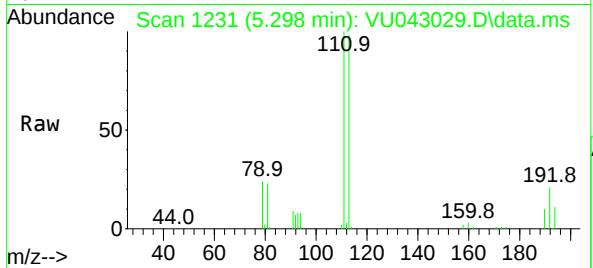




#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

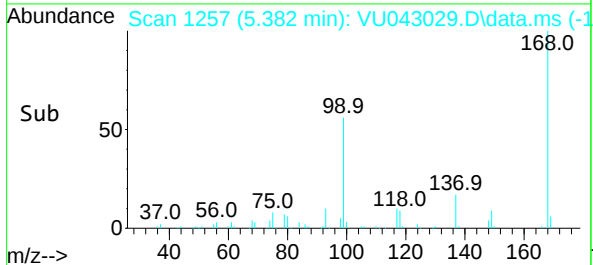
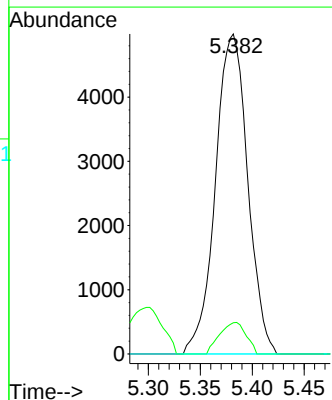
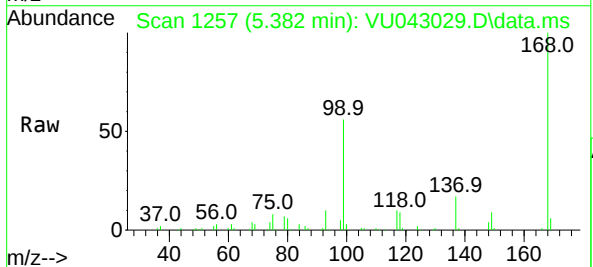
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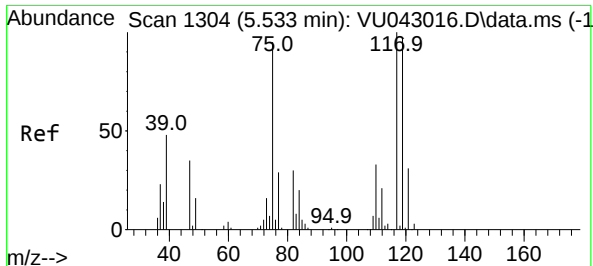
Tgt Ion:	113	Resp:	71206
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	21.5	17.2	25.8



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

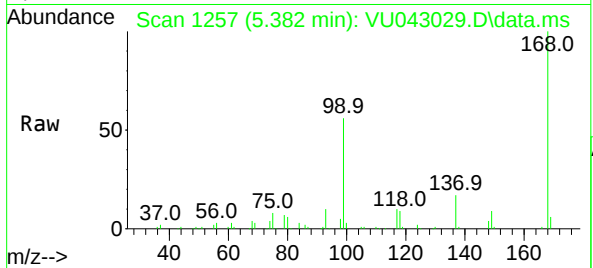
Tgt Ion:	75	Resp:	10769
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.8	50.3#
77	0.0	24.8	37.2#



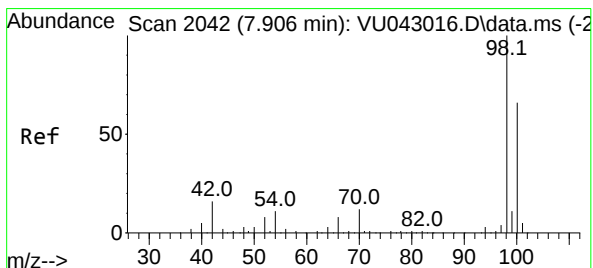
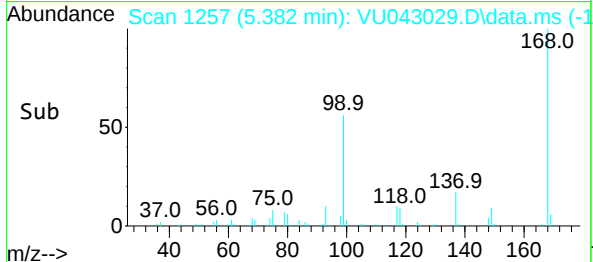
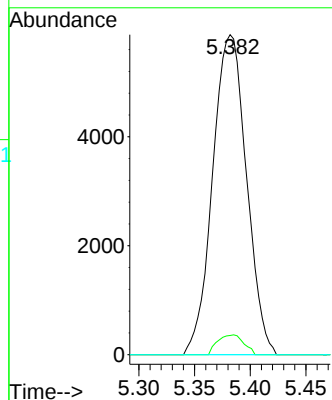


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

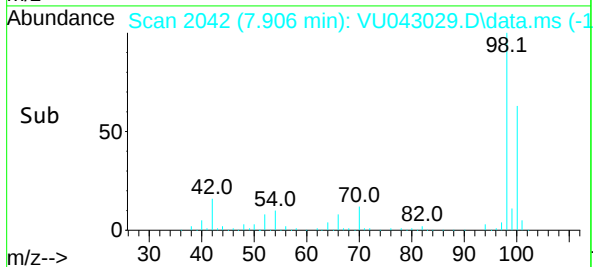
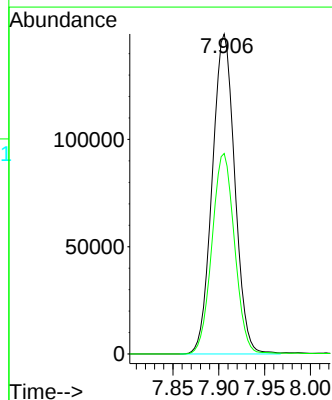
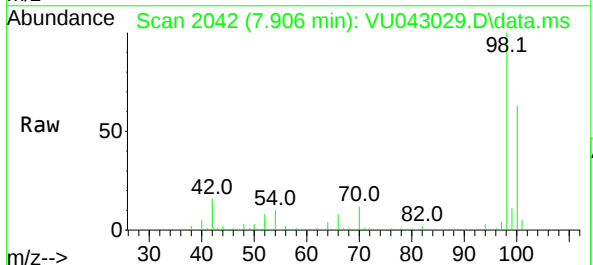


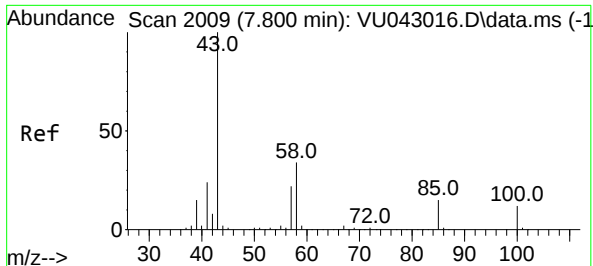
Tgt Ion:117 Resp: 12415
Ion Ratio Lower Upper
117 100
119 6.0 75.5 113.3#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.83 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Tgt Ion: 98 Resp: 254891
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

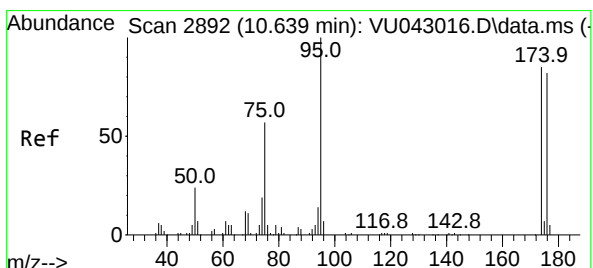
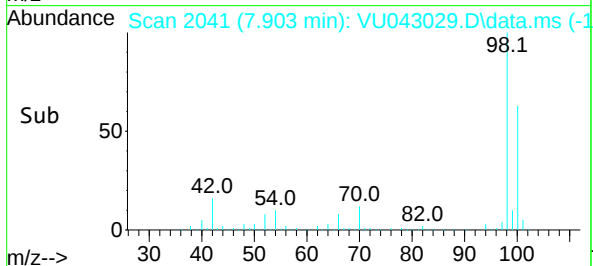
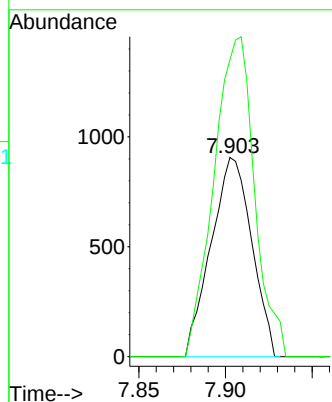
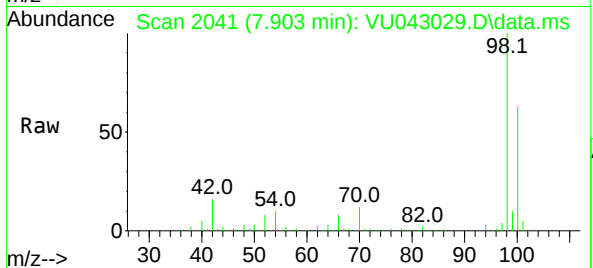




#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.103 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

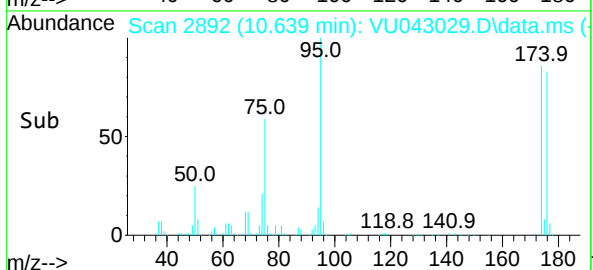
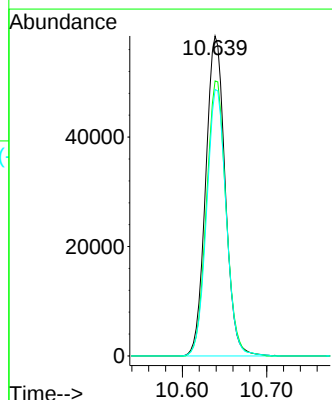
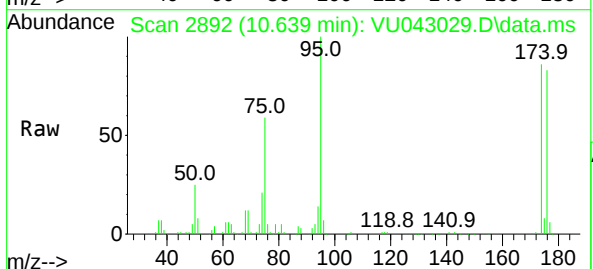
Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

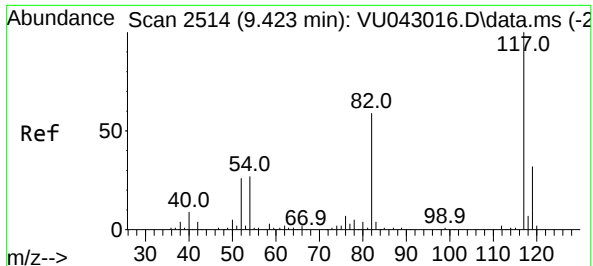
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 160.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 44.02 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Tgt Ion: 95 Resp: 93928
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 83.6 0.0 168.8

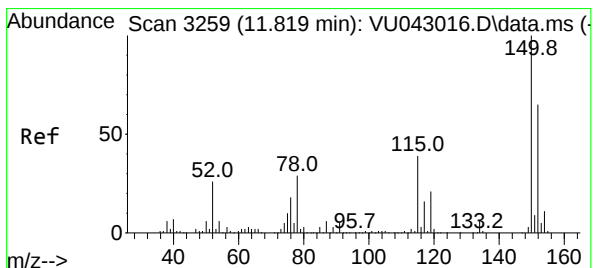
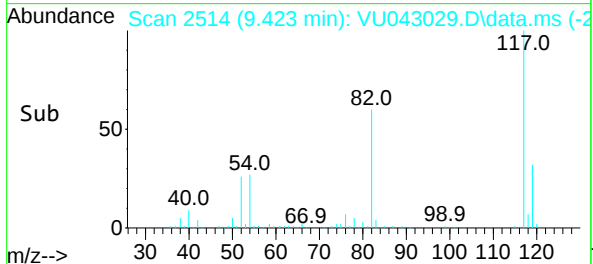
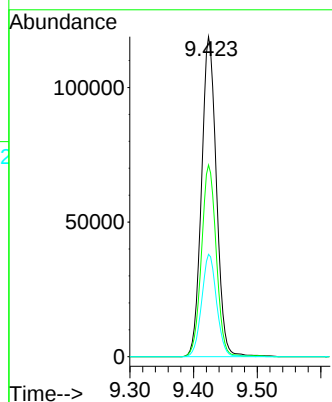
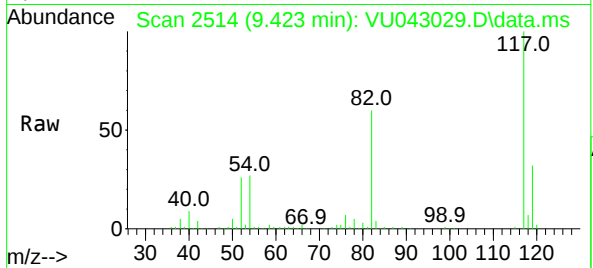




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

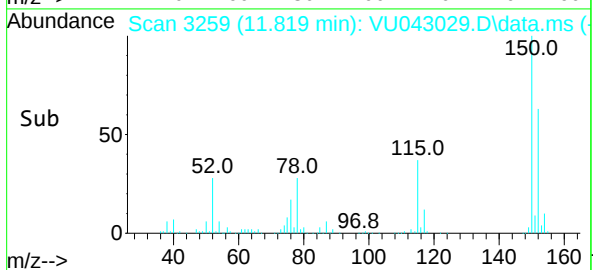
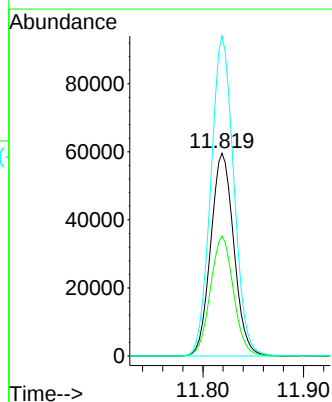
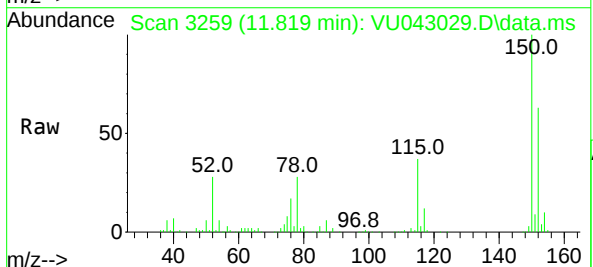
Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

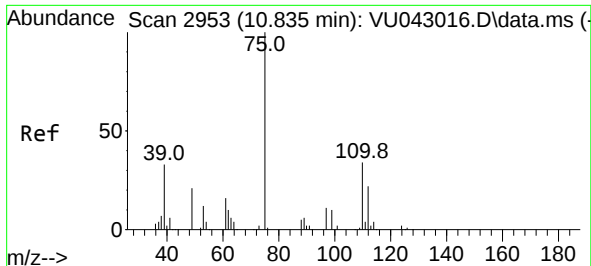
Tgt Ion:117 Resp: 193280
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.6
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Tgt Ion:152 Resp: 95135
Ion Ratio Lower Upper
152 100
115 59.0 41.5 124.6
150 157.3 0.0 342.4

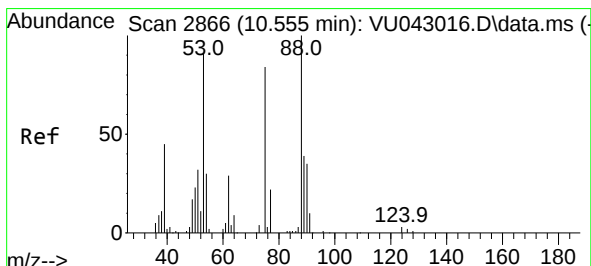
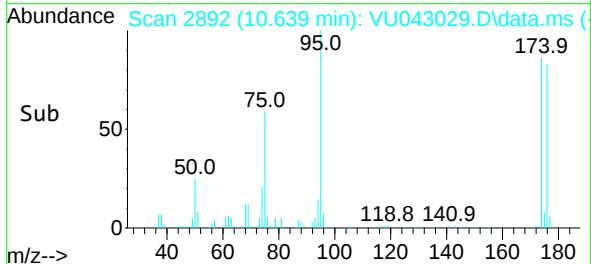
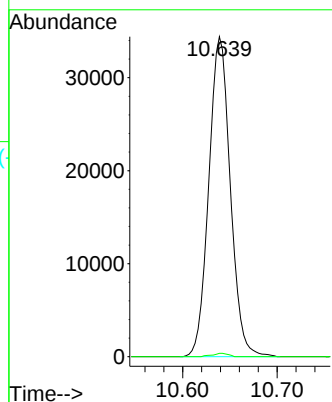
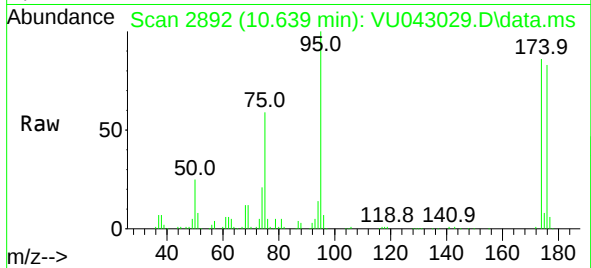




#76
1,2,3-Trichloropropane
Concen: 19.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

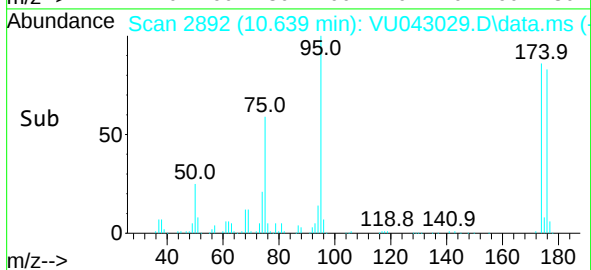
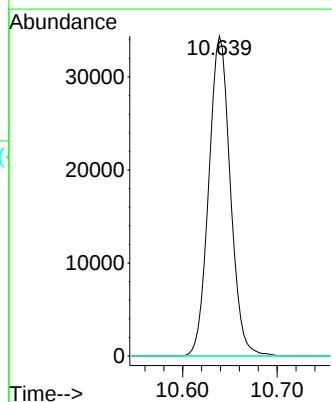
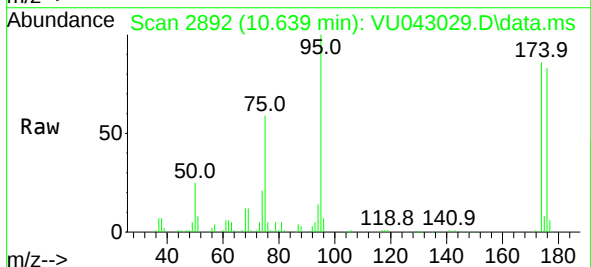
Instrument :
MSVOA_U
ClientSampleId :
EB 2021-04-06_SO

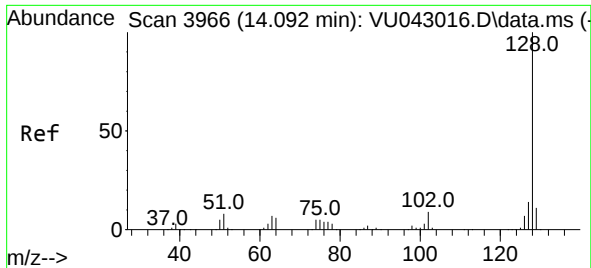
Tgt Ion: 75 Resp: 54441
Ion Ratio Lower Upper
75 100
77 0.8 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

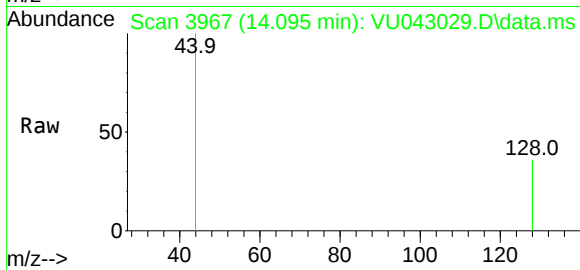
Tgt Ion: 75 Resp: 54441
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#





#95
Naphthalene
Concen: 2.76 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043029.D
Acq: 12 Apr 2021 17:33

Instrument :
MSVOA_U
ClientSampleId :
EB_2021-04-06_SO



Tgt Ion:128 Resp: 160
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

