

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043590.D
 Acq On : 06 May 2021 17:54
 Operator : SY/MD
 Sample : M2267-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PILOT-PLANT-PROCESS-BLEED

Quant Time: May 07 02:06:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

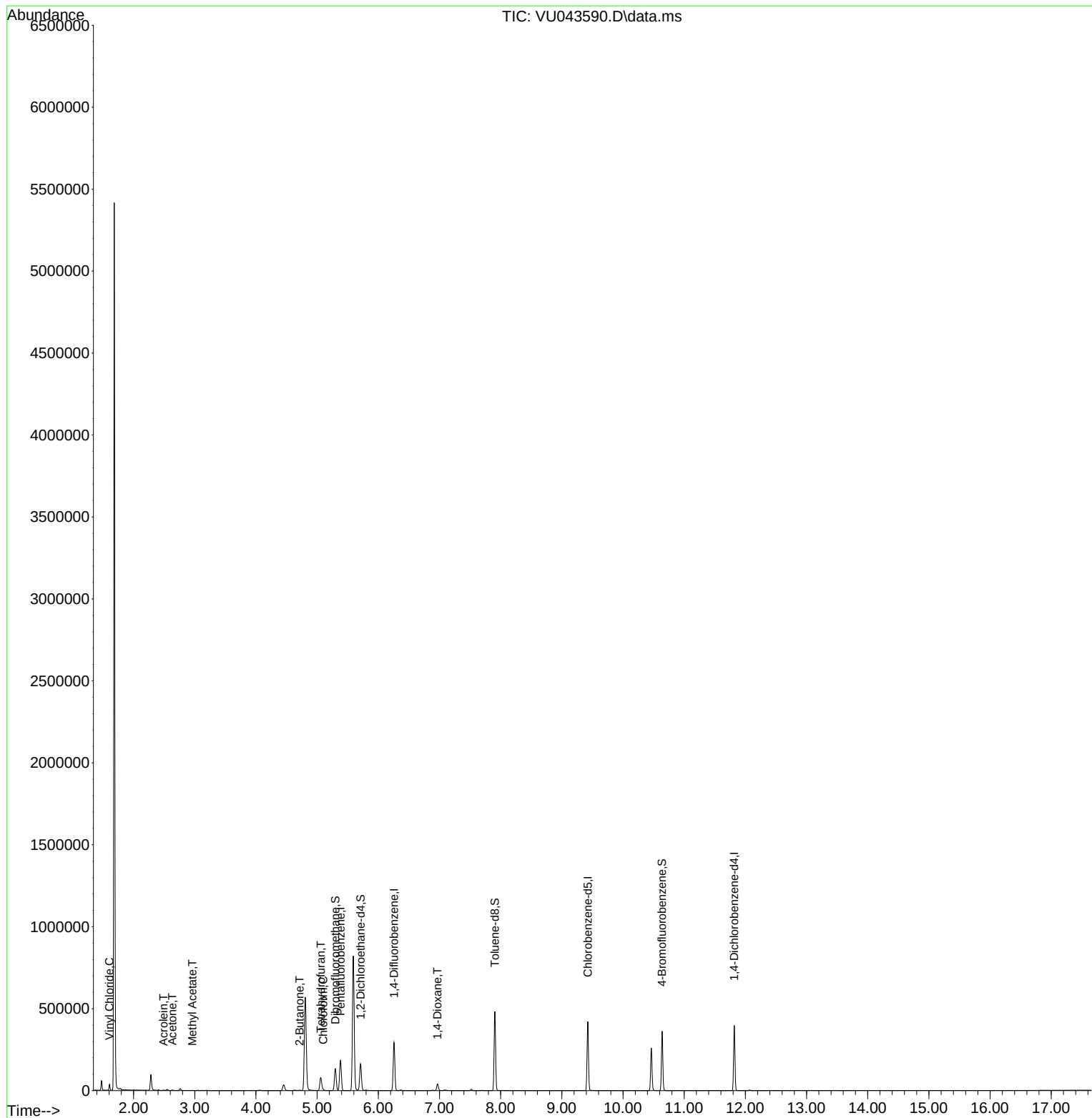
Internal Standards						
1) Pentafluorobenzene	5.382	168	119163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	210958	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	200169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	92517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121222	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.298	113	81903	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	7.906	98	292529	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	10.639	95	107568	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.607	62	22115	11.69	ug/l	99
13) Acrolein	2.491	56	2052	13.08	ug/l	98
16) Acetone	2.633	43	4543	3.39	ug/l	94
18) Methyl Acetate	2.961	43	2579	0.84	ug/l #	77
25) 2-Butanone	4.713	43	3929	1.90	ug/l	94
29) Tetrahydrofuran	5.060	42	56218	47.96	ug/l	99
30) Chloroform	5.099	83	2891	0.87	ug/l	99
49) 1,4-Dioxane	6.967	88	25450	487.71	ug/l	96

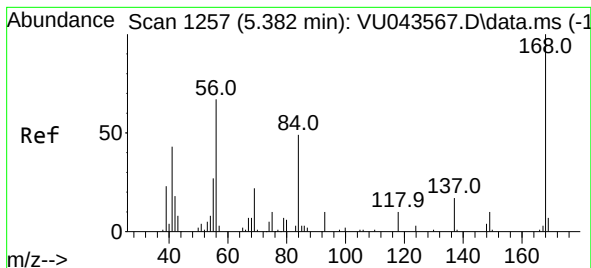
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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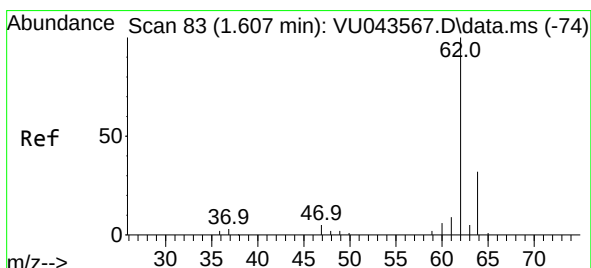
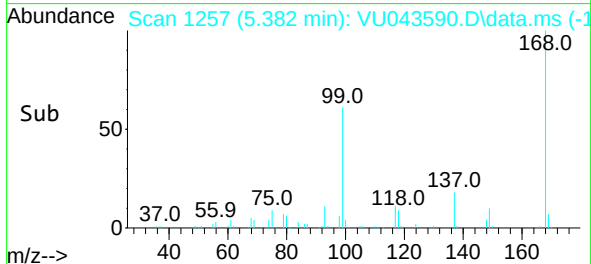
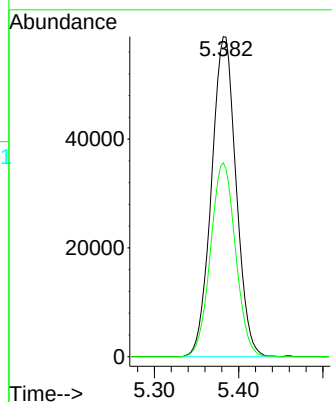
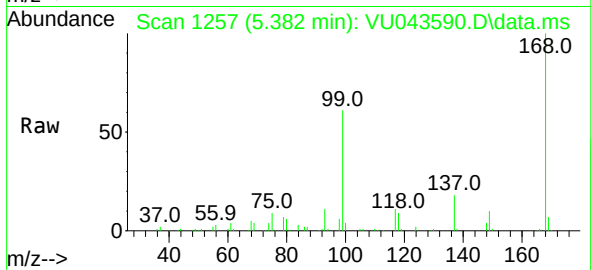




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

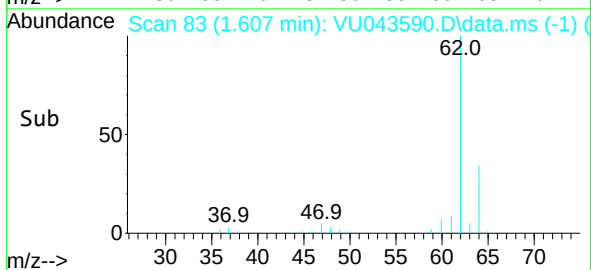
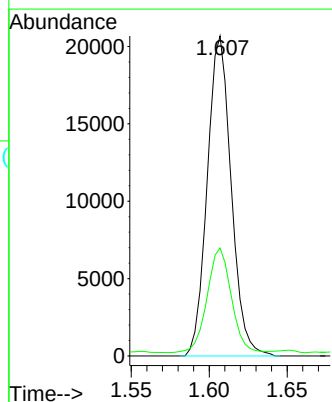
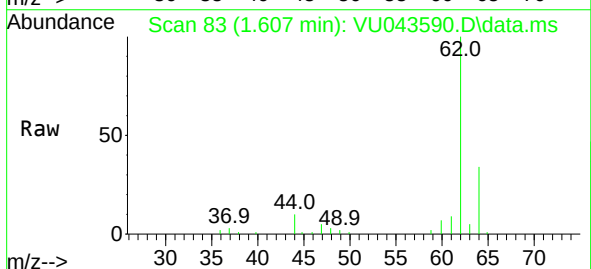
Instrument :
MSVOA_U
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

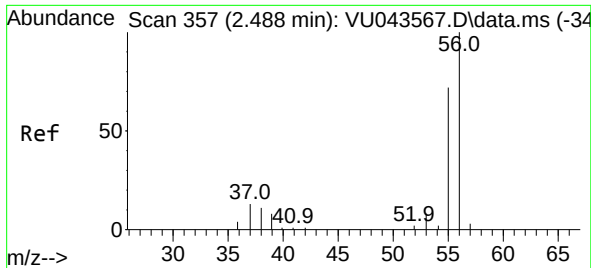
Tgt Ion:168 Resp: 119163
Ion Ratio Lower Upper
168 100
99 60.6 49.0 73.6



#4
Vinyl Chloride
Concen: 11.69 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion: 62 Resp: 22115
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2

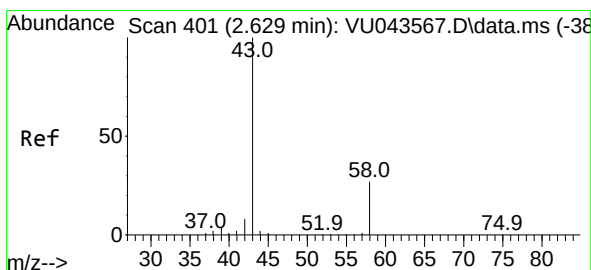
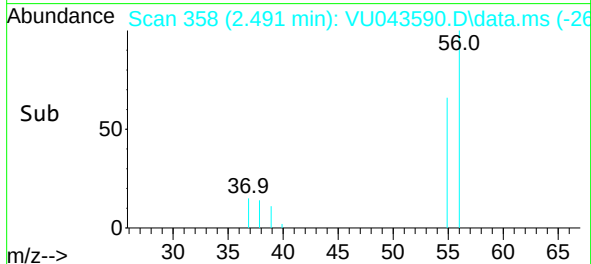
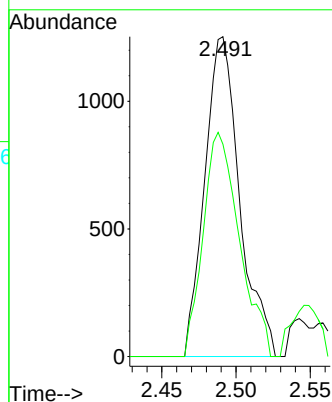
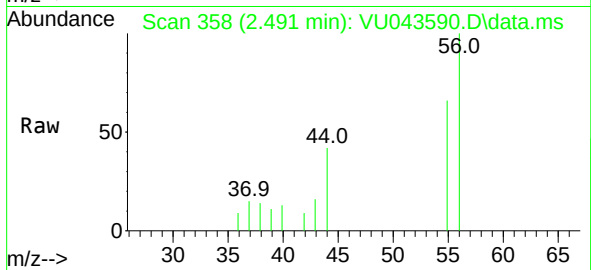




#13
Acrolein
Concen: 13.08 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

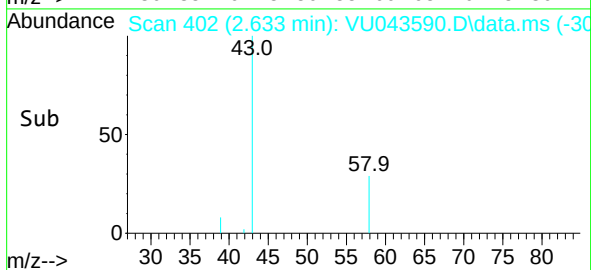
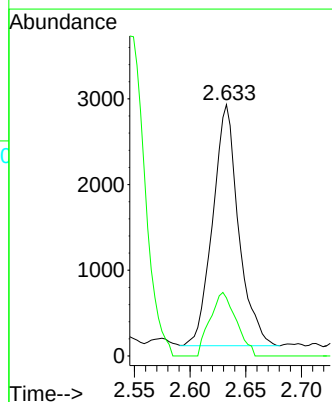
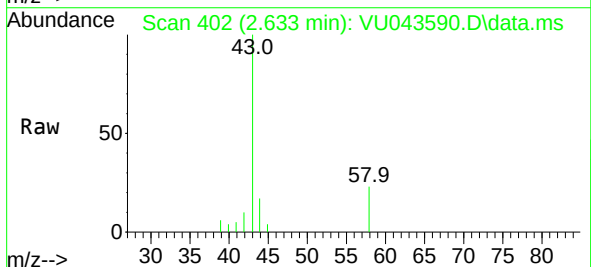
Instrument :
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ClientSampleId :
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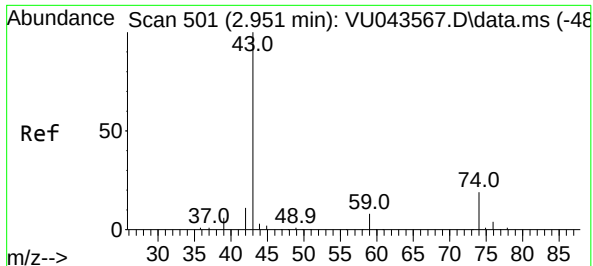
Tgt Ion: 56 Resp: 2052
Ion Ratio Lower Upper
56 100
55 72.5 56.9 85.3



#16
Acetone
Concen: 3.39 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion: 43 Resp: 4543
Ion Ratio Lower Upper
43 100
58 24.1 21.7 32.5

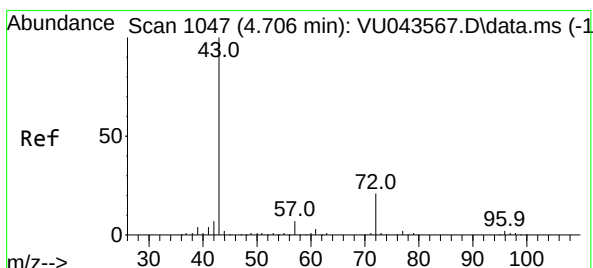
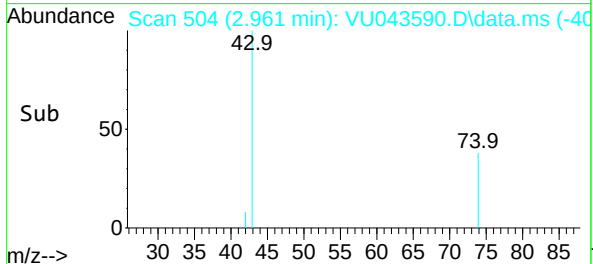
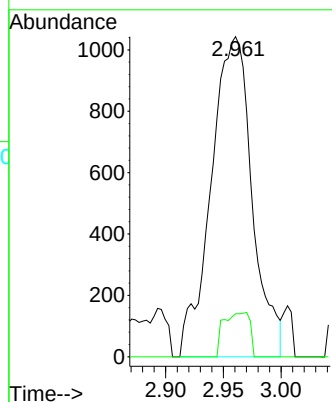
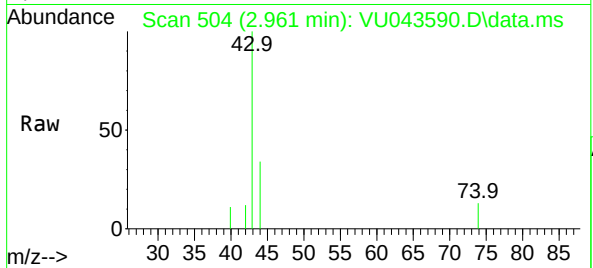




#18
Methyl Acetate
Concen: 0.84 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

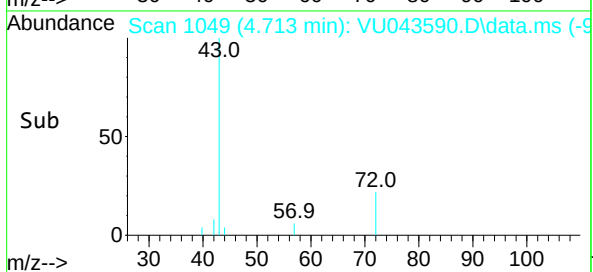
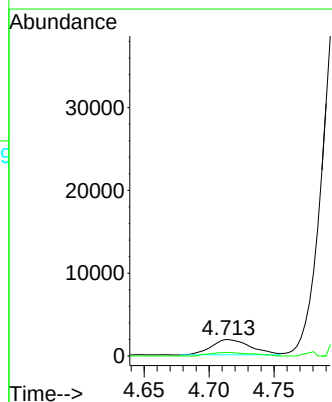
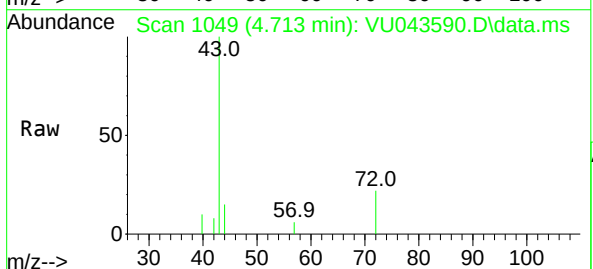
Instrument :
MSVOA_U
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

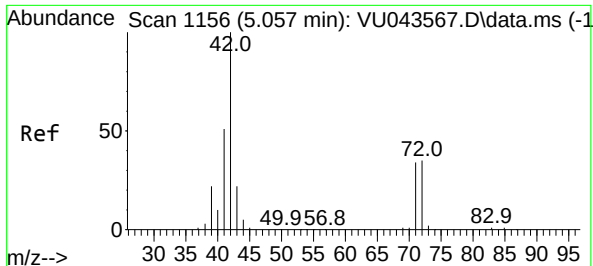
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
74 8.8 15.3 22.9#



#25
2-Butanone
Concen: 1.90 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
72 23.5 16.5 24.7





#29

Tetrahydrofuran

Concen: 47.96 ug/l

RT: 5.060 min Scan# 1157

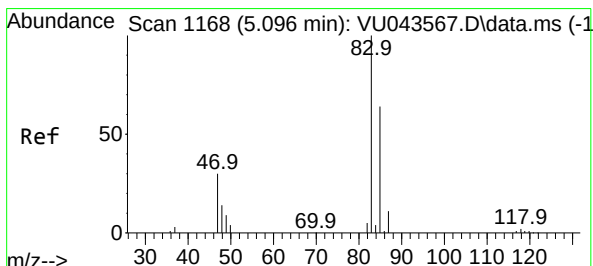
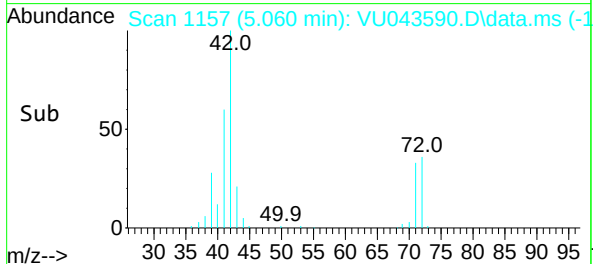
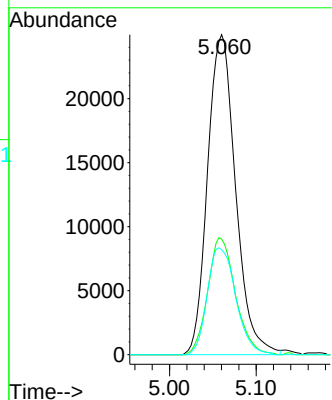
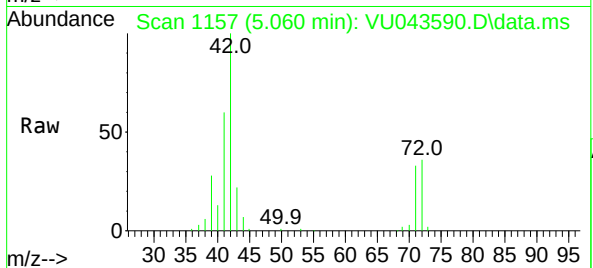
Delta R.T. 0.003 min

Lab File: VU043590.D

Acq: 06 May 2021 17:54

Tgt Ion:	42	Resp:	56218
Ion Ratio	Lower	Upper	
42	100		
72	36.1	28.5	42.7
71	33.9	27.4	41.2

Instrument :
MSVOA_U
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED



#30

Chloroform

Concen: 0.87 ug/l

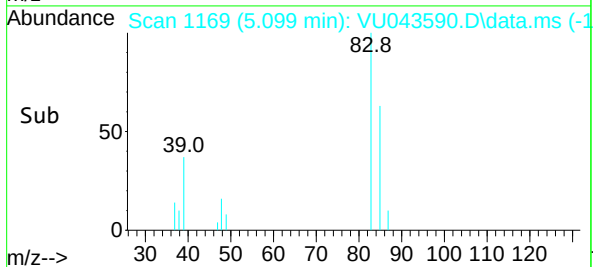
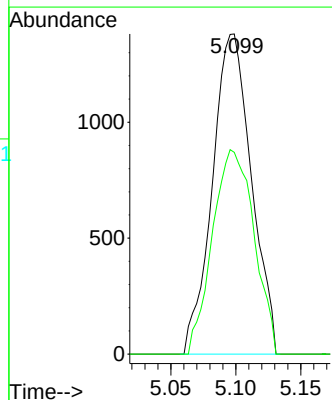
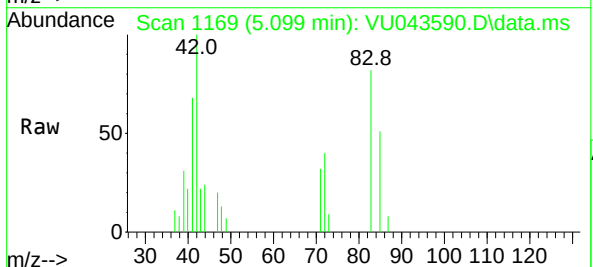
RT: 5.099 min Scan# 1169

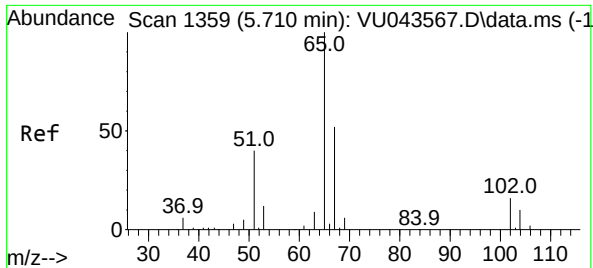
Delta R.T. 0.003 min

Lab File: VU043590.D

Acq: 06 May 2021 17:54

Tgt Ion:	83	Resp:	2891
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.2	76.8

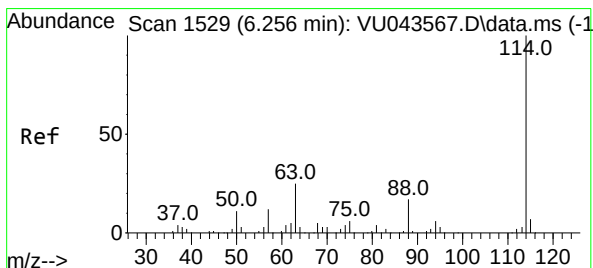
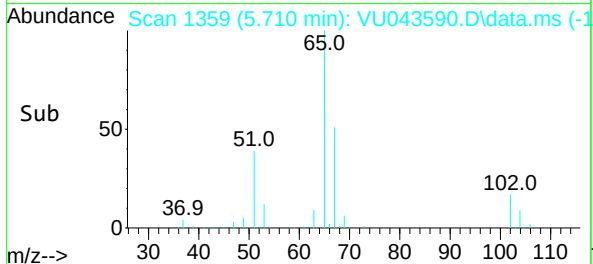
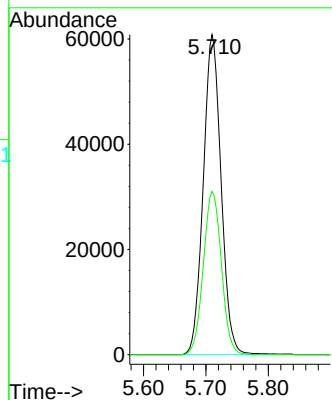
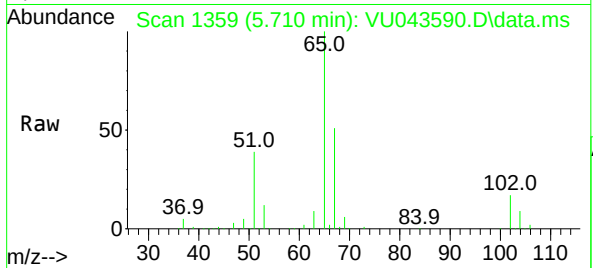




#33
 1,2-Dichloroethane-d4
 Concen: 50.25 ug/l
 RT: 5.710 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VU043590.D
 Acq: 06 May 2021 17:54

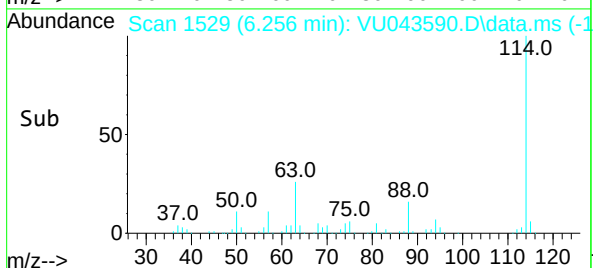
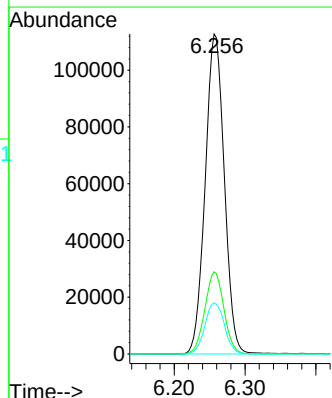
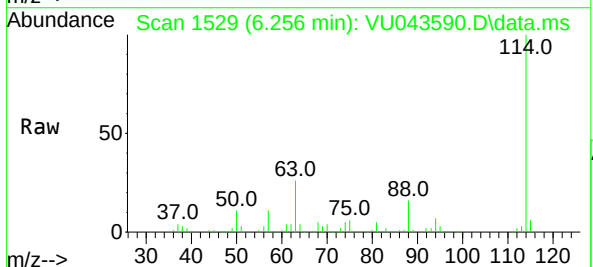
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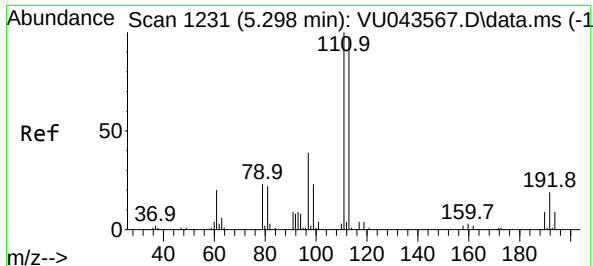
Tgt Ion: 65 Resp: 121222
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.256 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: VU043590.D
 Acq: 06 May 2021 17:54

Tgt Ion: 114 Resp: 210958
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.2
 88 16.0 0.0 33.8

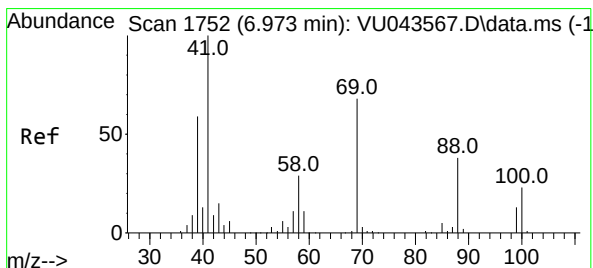
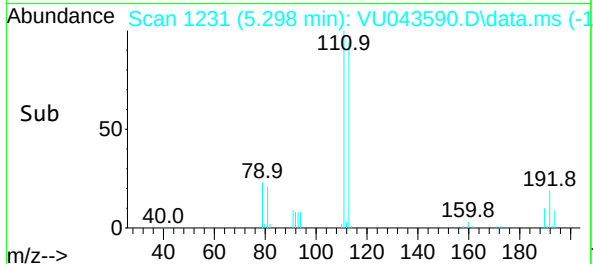
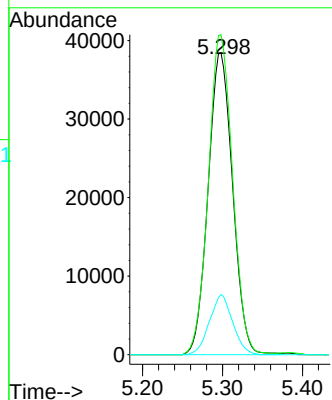
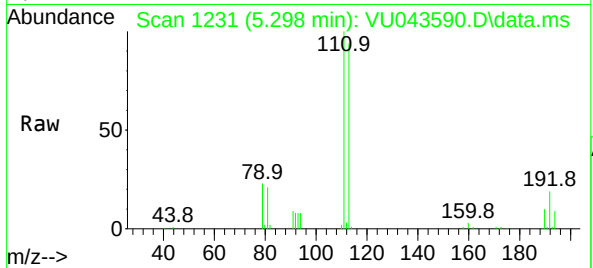




#35
Dibromofluoromethane
Concen: 48.68 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

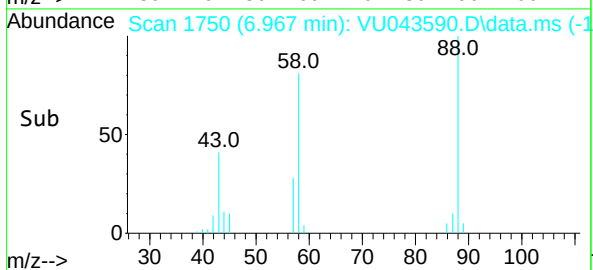
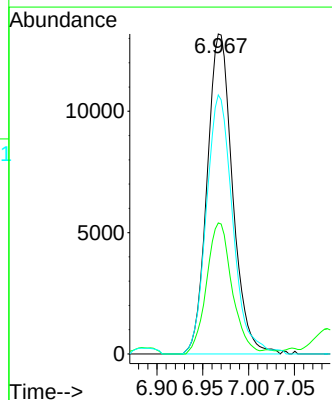
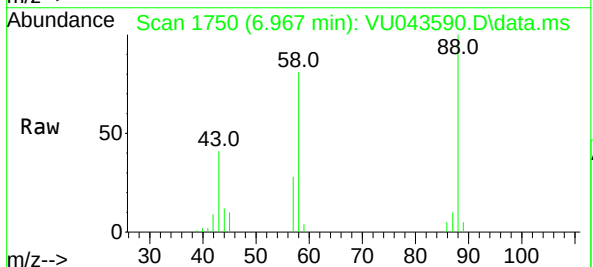
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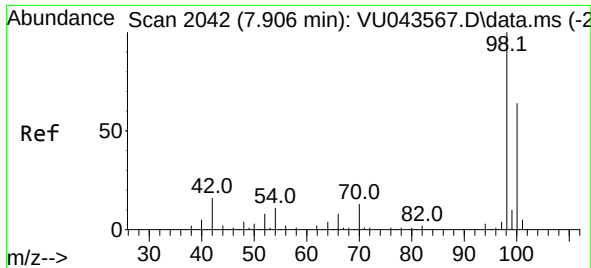
Tgt Ion:113 Resp: 81903
Ion Ratio Lower Upper
113 100
111 105.0 82.3 123.5
192 18.8 15.8 23.6



#49
1,4-Dioxane
Concen: 487.71 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion: 88 Resp: 25450
Ion Ratio Lower Upper
88 100
43 40.9 33.6 50.4
58 83.3 62.7 94.1

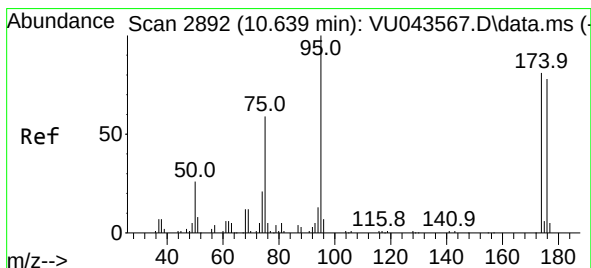
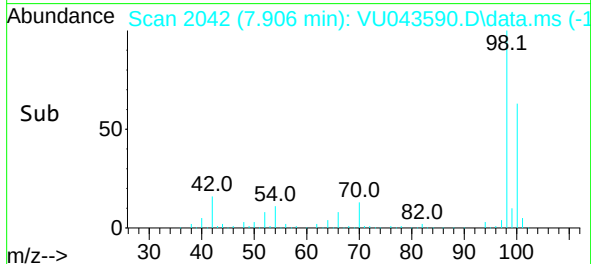
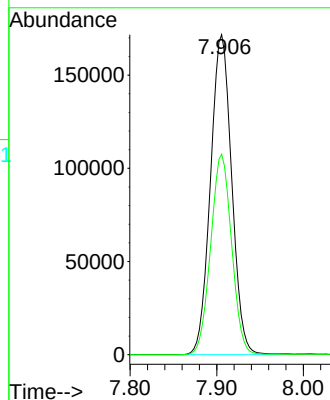
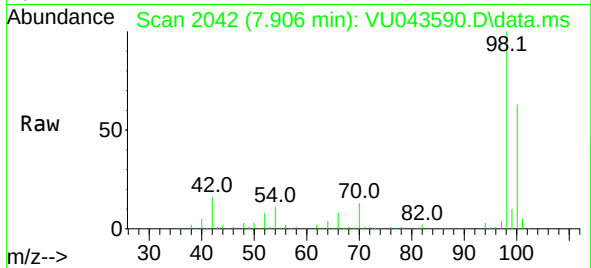




#50
Toluene-d8
Concen: 49.04 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

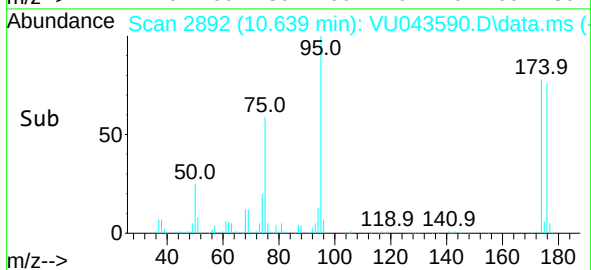
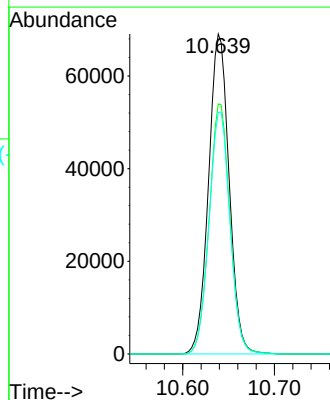
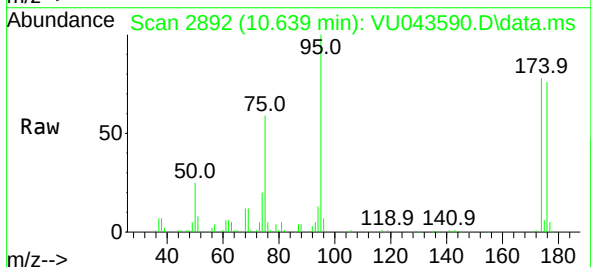
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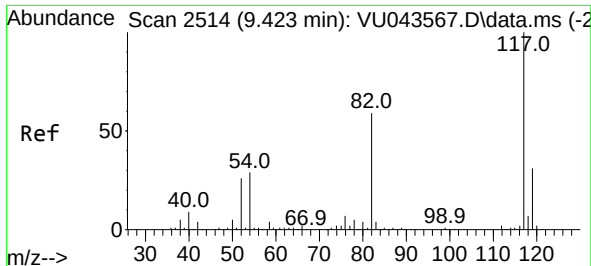
Tgt Ion: 98 Resp: 292529
Ion Ratio Lower Upper
98 100
100 61.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.40 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion: 95 Resp: 107568
Ion Ratio Lower Upper
95 100
174 78.9 0.0 158.8
176 76.9 0.0 155.6

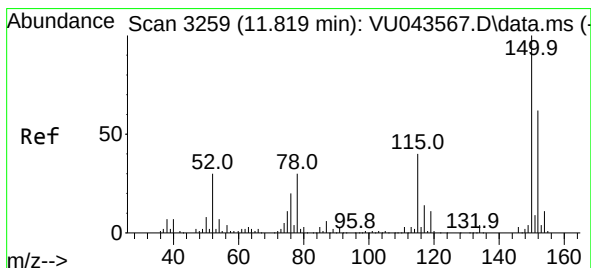
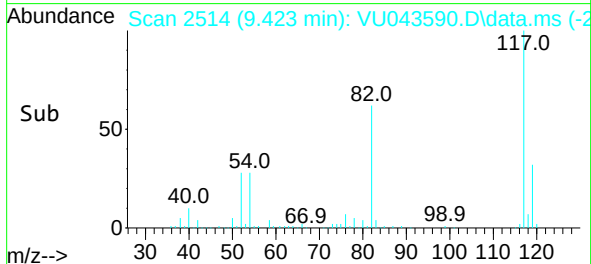
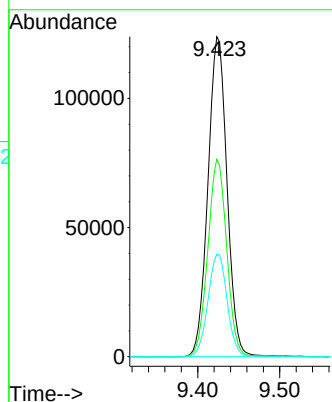
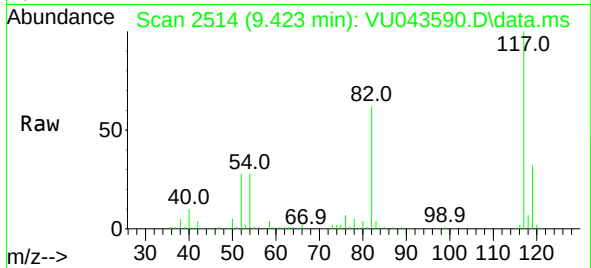




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Instrument :
MSVOA_U
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

Tgt Ion:117 Resp: 200169
Ion Ratio Lower Upper
117 100
82 61.7 47.5 71.3
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043590.D
Acq: 06 May 2021 17:54

Tgt Ion:152 Resp: 92517
Ion Ratio Lower Upper
152 100
115 60.6 46.1 138.3
150 155.2 0.0 361.0

