

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022116.D
 Acq On : 21 May 2021 15:33
 Operator : JC/MD
 Sample : M2473-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 22 04:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

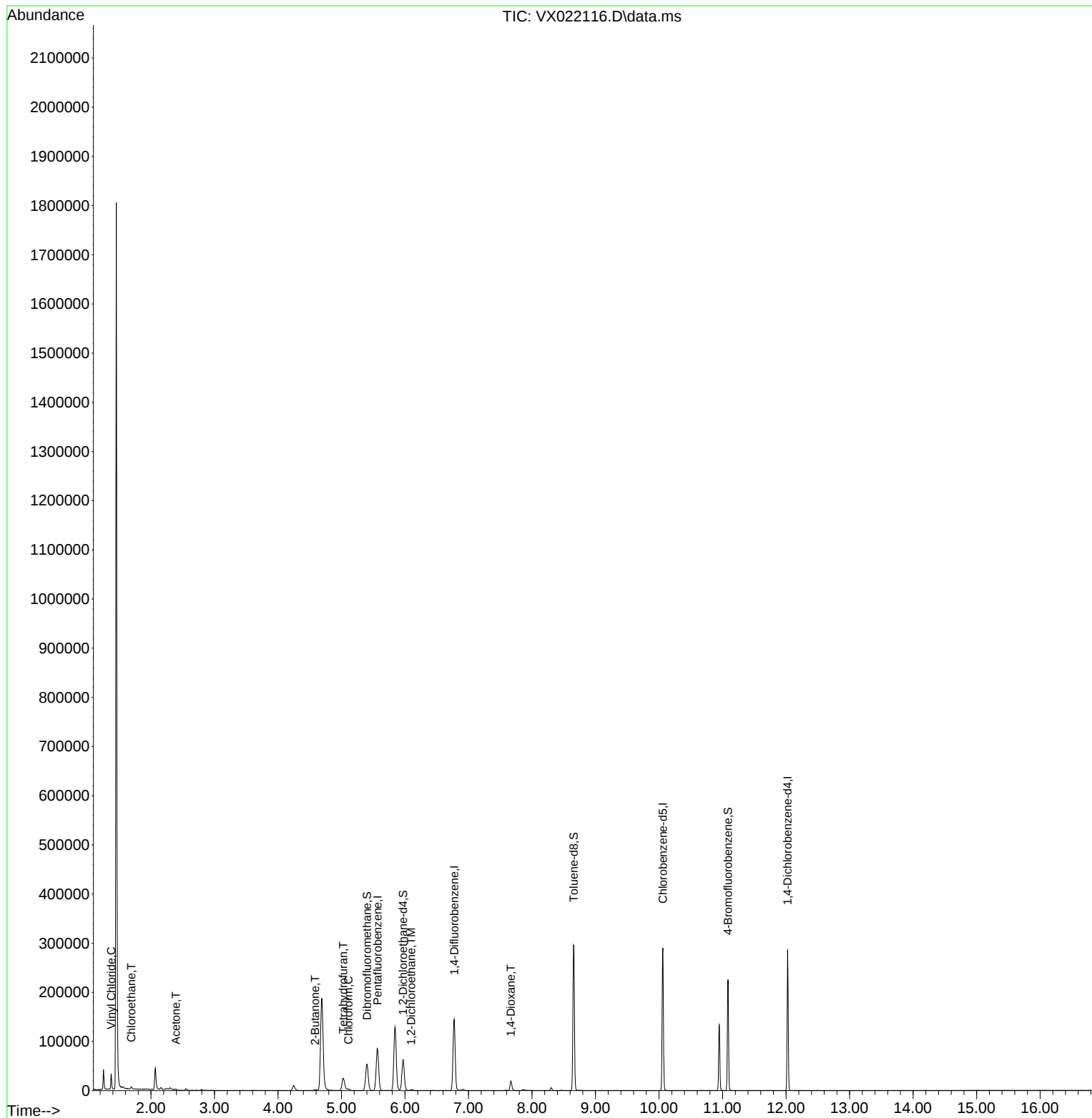
Internal Standards						
1) Pentafluorobenzene	5.568	168	73370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	147472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	128853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	57638	50.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.86%
35) Dibromofluoromethane	5.403	113	46307	49.52	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.04%
50) Toluene-d8	8.659	98	179315	49.78	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.56%
62) 4-Bromofluorobenzene	11.085	95	62269	46.76	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.52%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	17504	17.19	ug/l	99
6) Chloroethane	1.691	64	2314	3.82	ug/l	94
16) Acetone	2.392	43	3170	6.43	ug/l	89
25) 2-Butanone	4.586	43	2230	2.80	ug/l #	80
29) Tetrahydrofuran	5.025	42	23773	50.10	ug/l	92
30) Chloroform	5.111	83	3474	1.93	ug/l	99
42) 1,2-Dichloroethane	6.098	62	1671	1.14	ug/l	84
49) 1,4-Dioxane	7.665	88	15261	622.04	ug/l	96

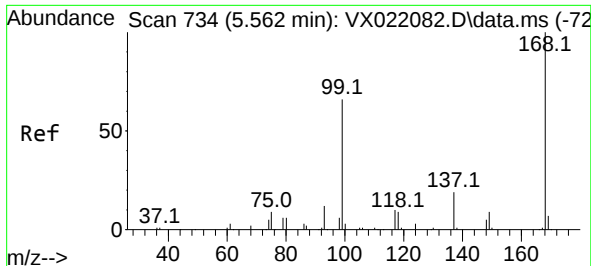
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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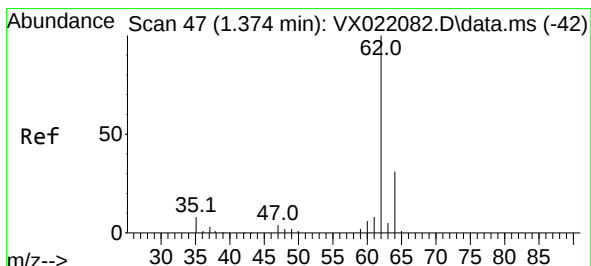
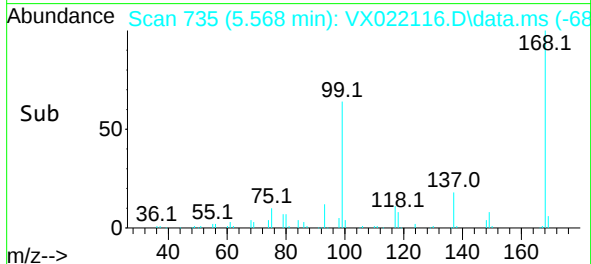
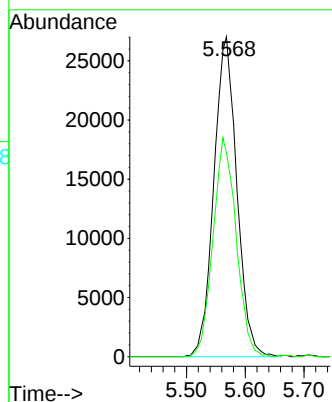
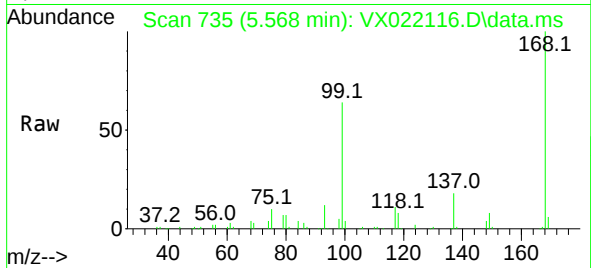




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

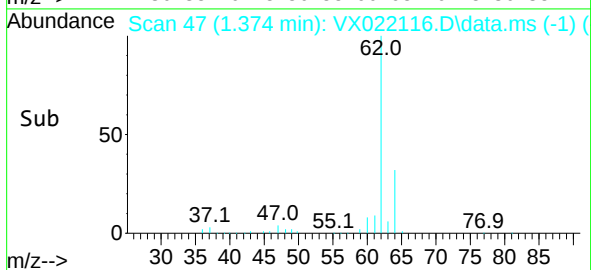
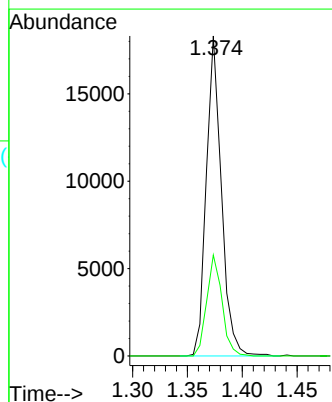
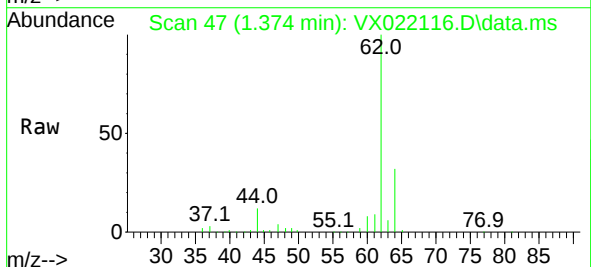
Instrument :
MSVOA_X
ClientSampleId :
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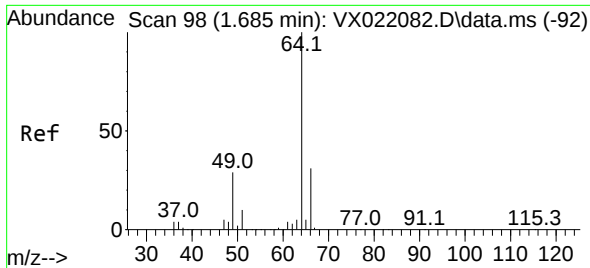
Tgt Ion:168 Resp: 73370
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#4
Vinyl Chloride
Concen: 17.19 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion: 62 Resp: 17504
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

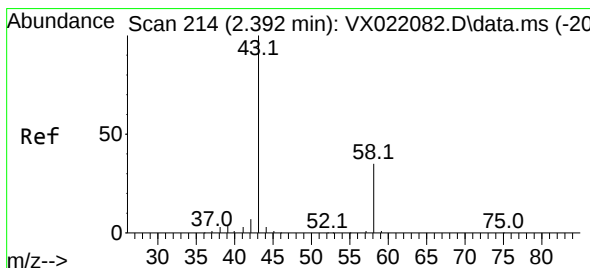
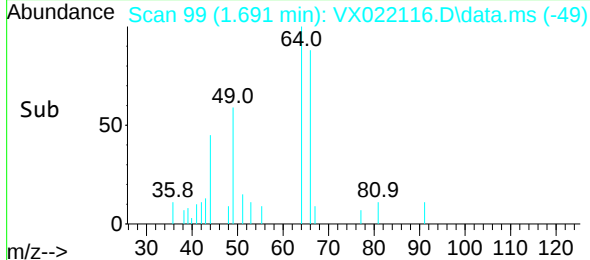
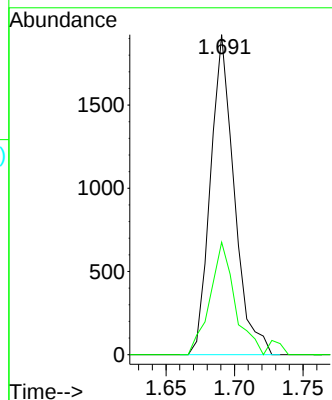
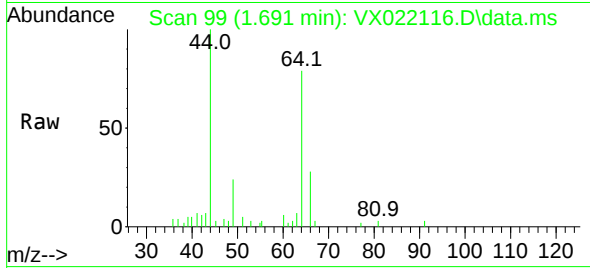




#6
Chloroethane
Concen: 3.82 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

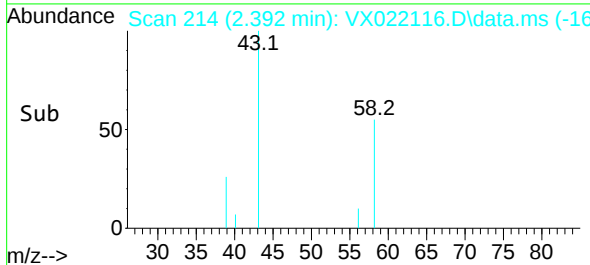
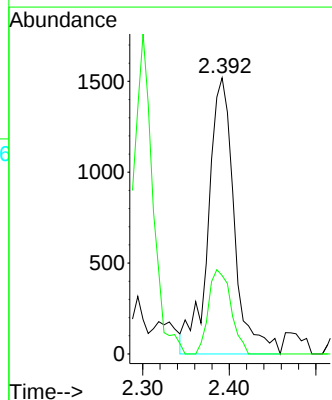
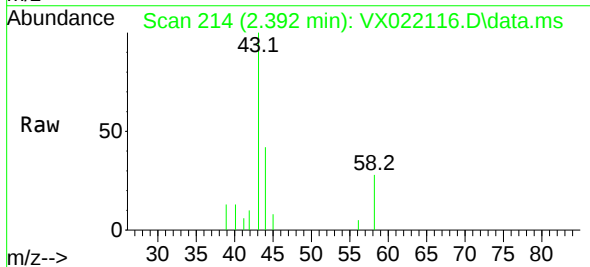
Instrument :
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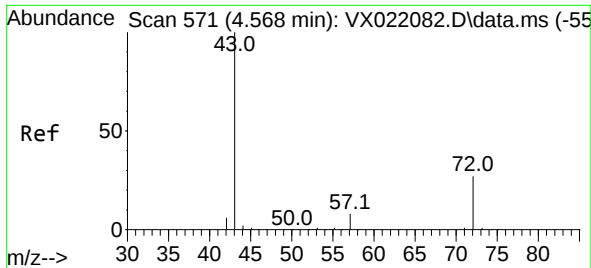
Tgt Ion: 64 Resp: 2314
Ion Ratio Lower Upper
64 100
66 35.2 25.4 38.0



#16
Acetone
Concen: 6.43 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion: 43 Resp: 3170
Ion Ratio Lower Upper
43 100
58 28.4 27.8 41.8

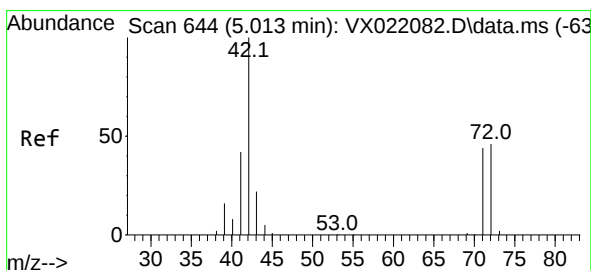
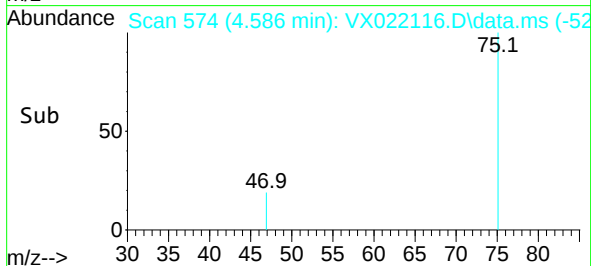
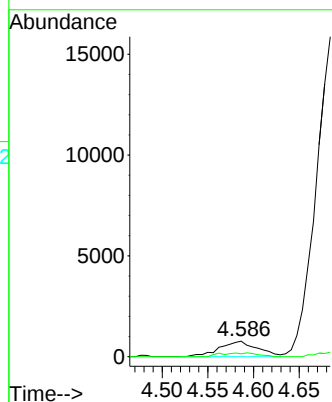
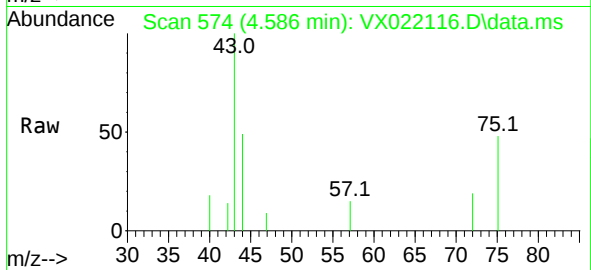




#25
2-Butanone
Concen: 2.80 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

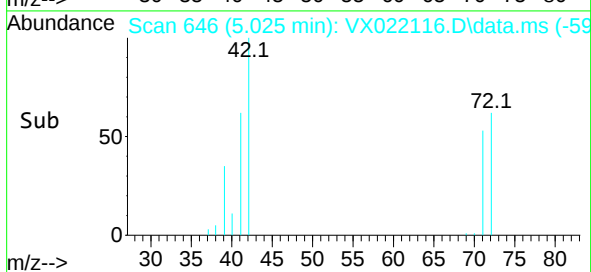
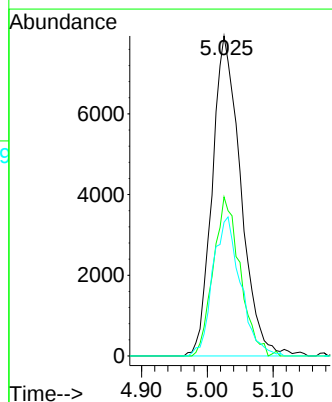
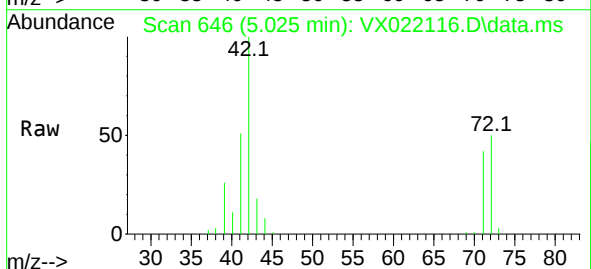
Instrument :
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ClientSampleId :
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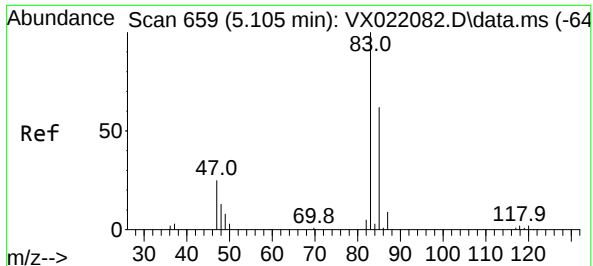
Tgt Ion: 43 Resp: 2230
Ion Ratio Lower Upper
43 100
72 18.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 50.10 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion: 42 Resp: 23773
Ion Ratio Lower Upper
42 100
72 46.9 41.7 62.5
71 42.7 38.4 57.6





#30

Chloroform

Concen: 1.93 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022116.D

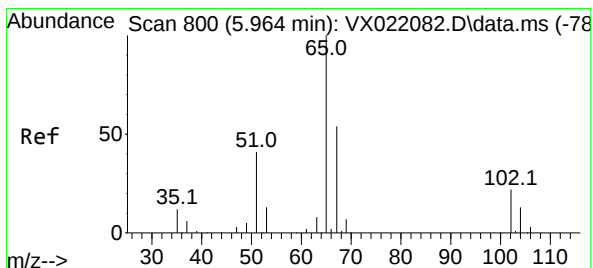
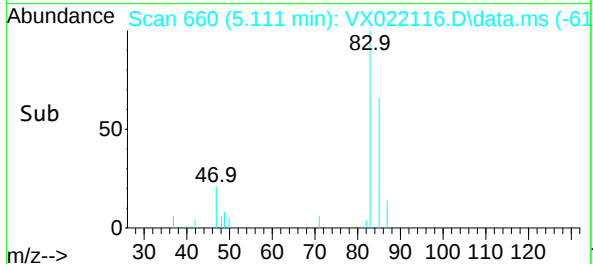
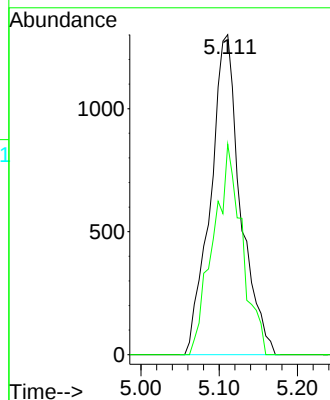
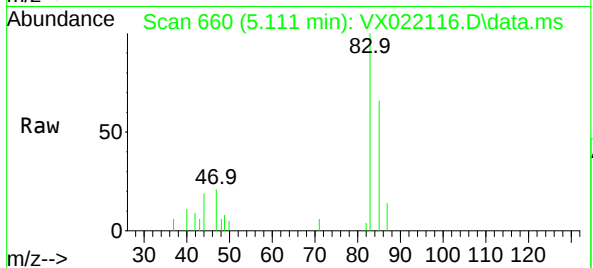
Acq: 21 May 2021 15:33

Tgt Ion: 83 Resp: 3474

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 50.93 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022116.D

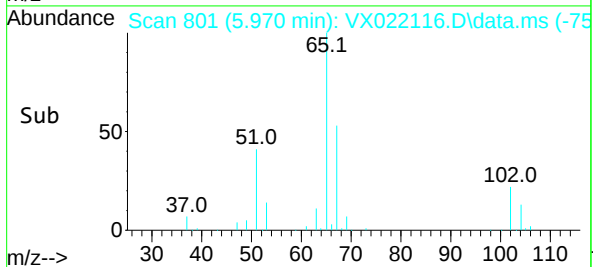
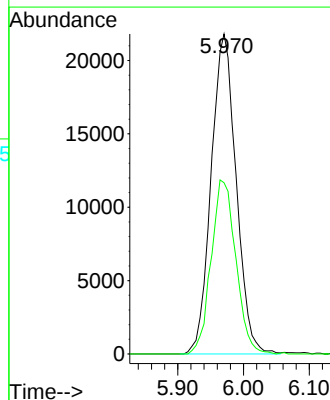
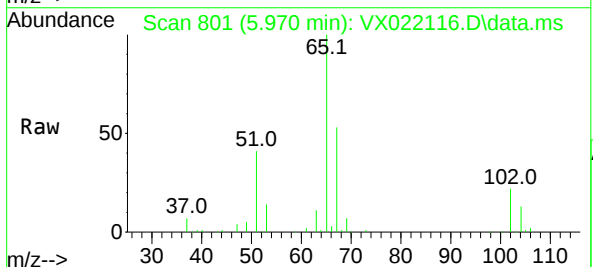
Acq: 21 May 2021 15:33

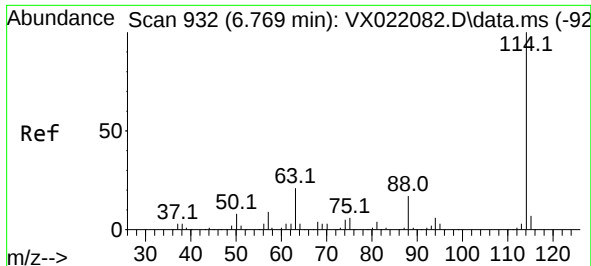
Tgt Ion: 65 Resp: 57638

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.4

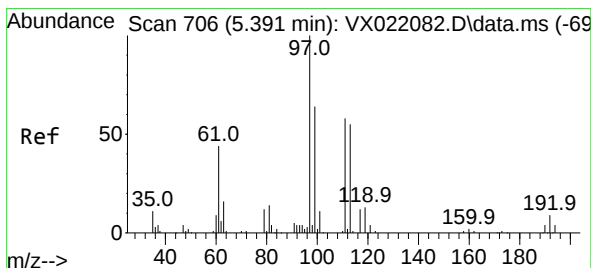
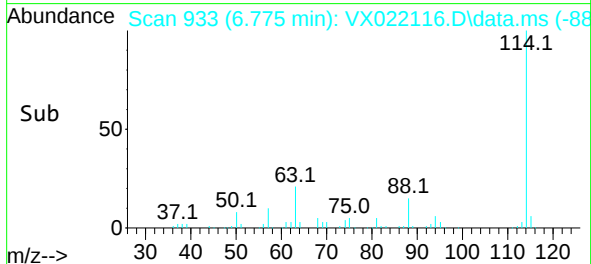
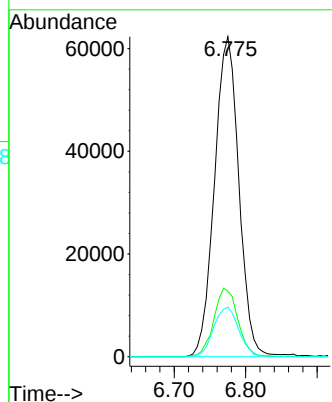
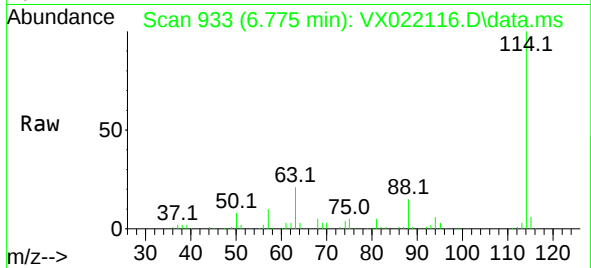




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

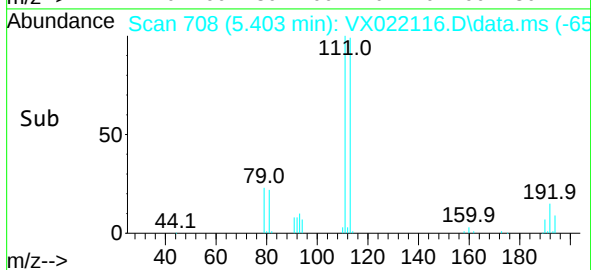
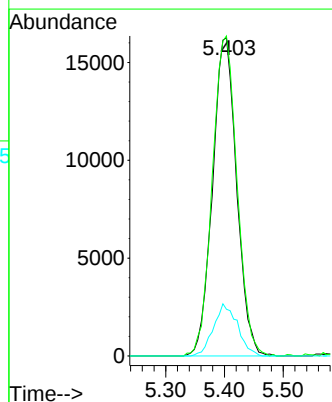
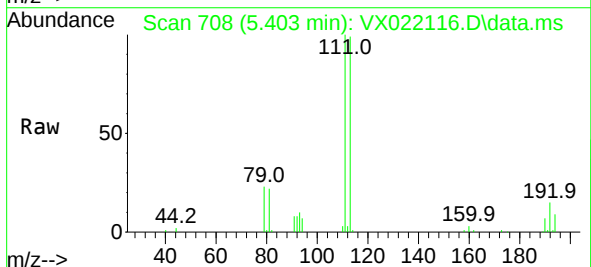
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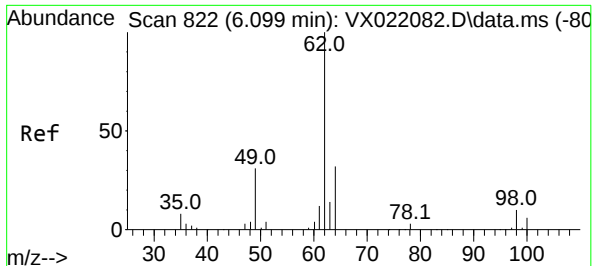
Tgt Ion:114 Resp: 147472
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.52 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion:113 Resp: 46307
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 16.3 16.7 25.1#





#42

1,2-Dichloroethane

Concen: 1.14 ug/l

RT: 6.098 min Scan# 822

Delta R.T. -0.001 min

Lab File: VX022116.D

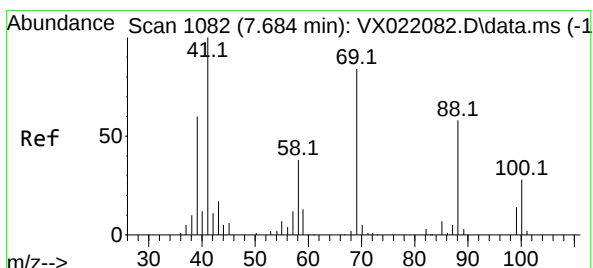
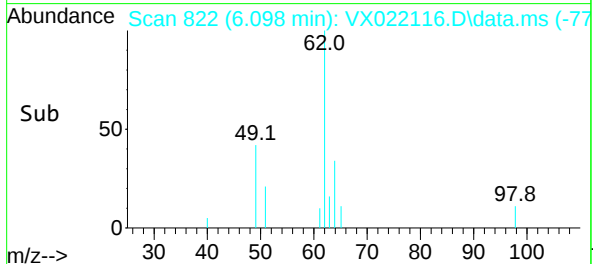
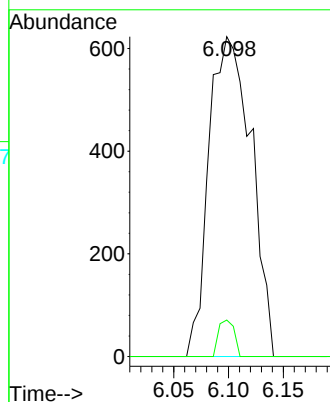
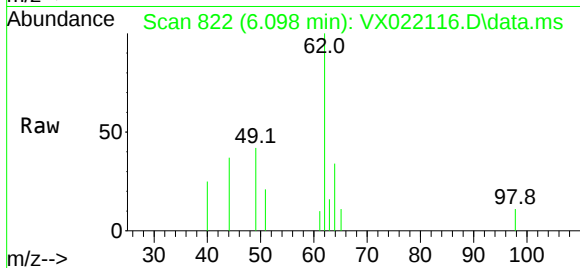
Acq: 21 May 2021 15:33

Tgt Ion: 62 Resp: 1671

Ion Ratio Lower Upper

62 100

98 4.2 0.0 20.2



#49

1,4-Dioxane

Concen: 622.04 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.019 min

Lab File: VX022116.D

Acq: 21 May 2021 15:33

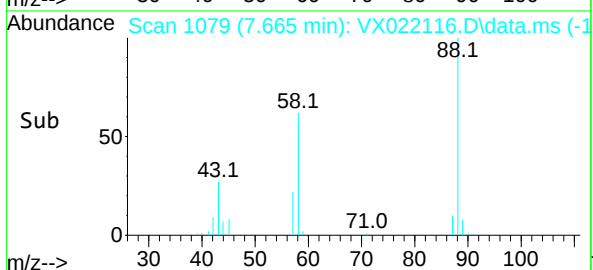
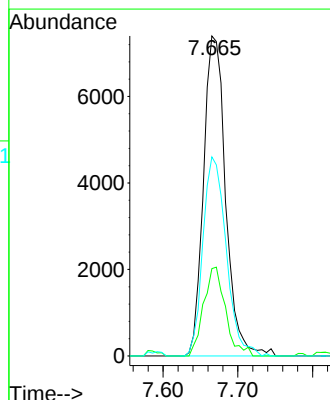
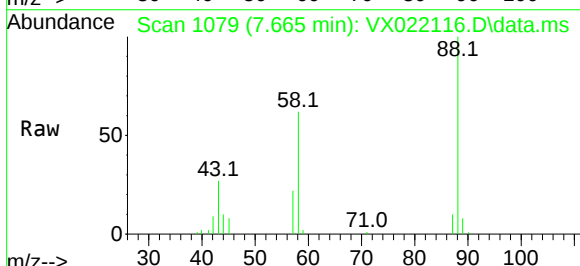
Tgt Ion: 88 Resp: 15261

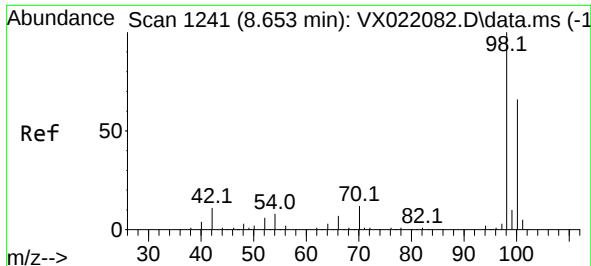
Ion Ratio Lower Upper

88 100

43 27.4 23.2 34.8

58 65.5 55.0 82.4

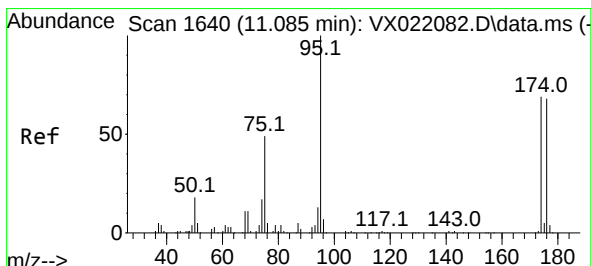
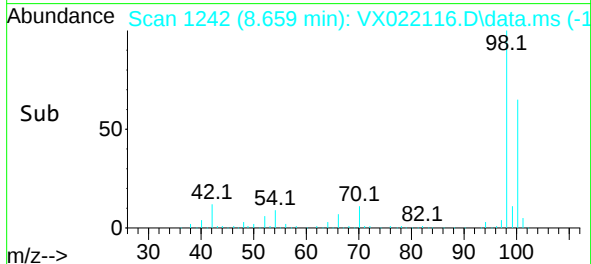
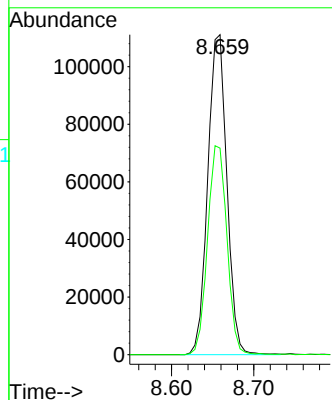
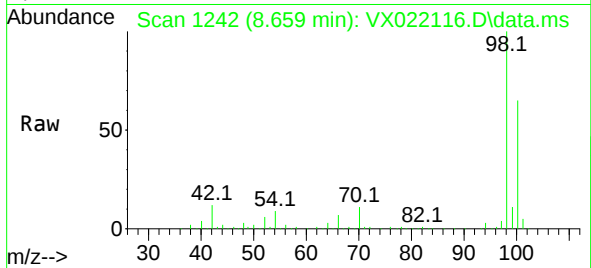




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

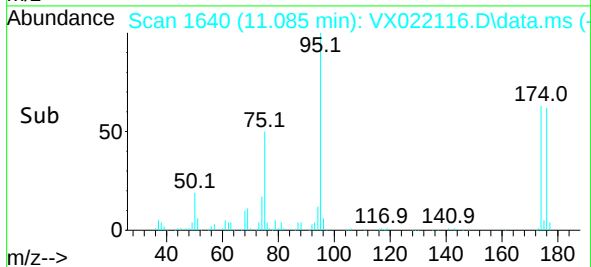
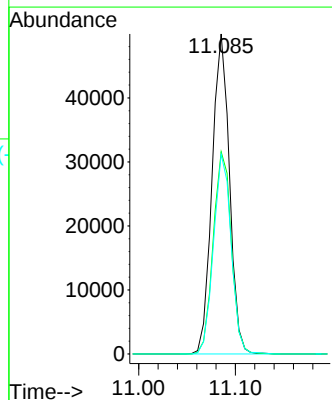
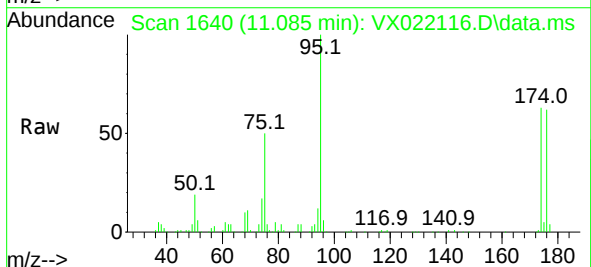
Instrument :
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PILOT-PLANT-PROCESS-BLEED

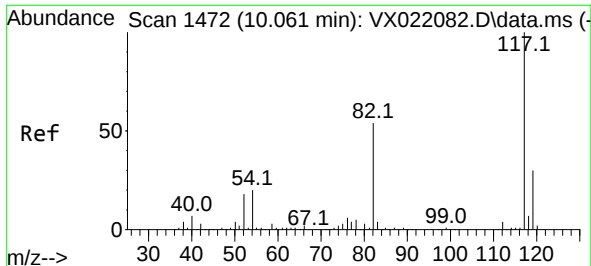
Tgt Ion: 98 Resp: 179315
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion: 95 Resp: 62269
Ion Ratio Lower Upper
95 100
174 65.8 0.0 154.6
176 63.5 0.0 155.8

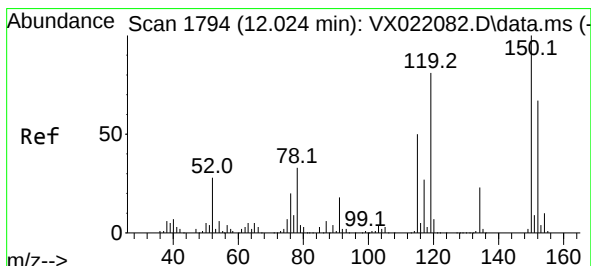
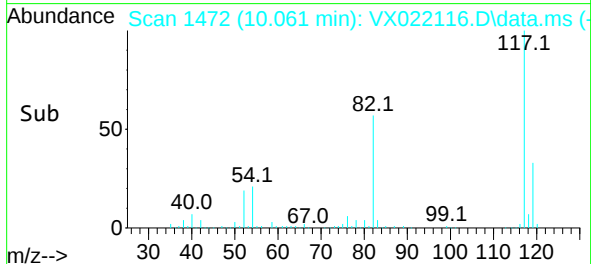
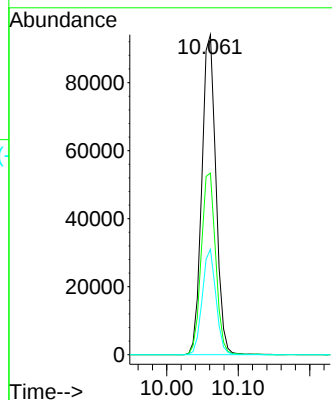
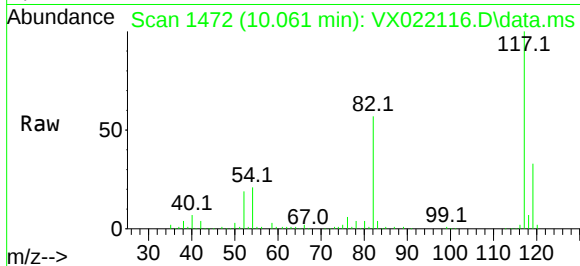




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

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

Tgt Ion:117 Resp: 128853
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022116.D
Acq: 21 May 2021 15:33

Tgt Ion:152 Resp: 51434
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 157.5 0.0 349.0

