

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023637.D
 Acq On : 10 Aug 2021 16:32
 Operator : JC/MD
 Sample : M3352-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 11 03:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

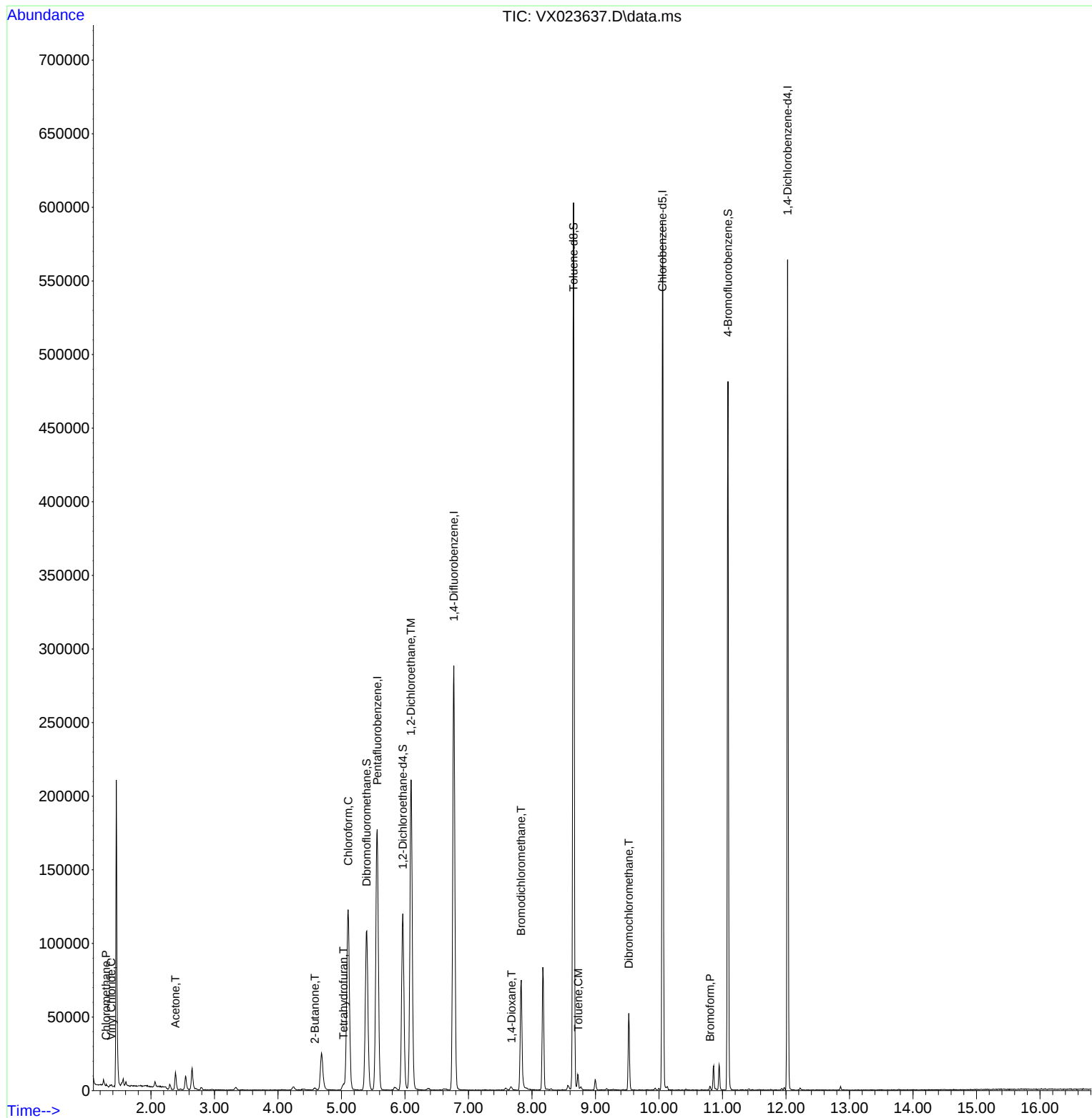
Internal Standards						
1) Pentafluorobenzene	5.562	168	167475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	285554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114913	55.006	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.020%	
35) Dibromofluoromethane	5.397	113	92627	51.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	8.653	98	342237	52.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	11.085	95	120479	54.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.020%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	681	0.379	ug/l	98
4) Vinyl Chloride	1.374	62	995	0.548	ug/l #	85
16) Acetone	2.386	43	12133	11.839	ug/l	94
25) 2-Butanone	4.581	43	2086	1.311	ug/l #	79
29) Tetrahydrofuran	5.032	42	3471	3.328	ug/l #	87
30) Chloroform	5.105	83	144330	43.442	ug/l	97
42) 1,2-Dichloroethane	6.092	62	233242	82.364	ug/l	96
47) Bromodichloromethane	7.830	83	45461	18.356	ug/l	97
49) 1,4-Dioxane	7.678	88	1758	35.322	ug/l #	89
52) Toluene	8.726	92	3469	0.731	ug/l	99
60) Dibromochloromethane	9.525	129	17966	10.085	ug/l	96
71) Bromoform	10.805	173	849	4.008	ug/l #	91

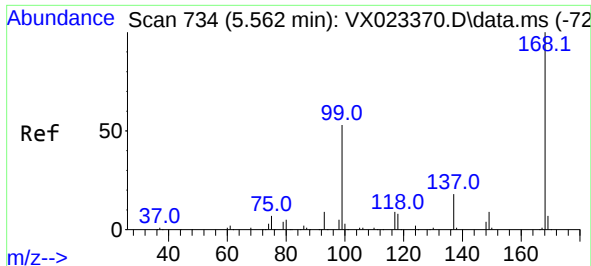
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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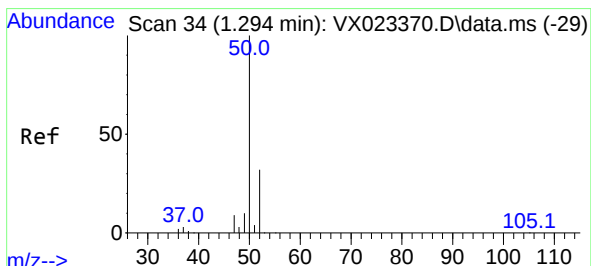
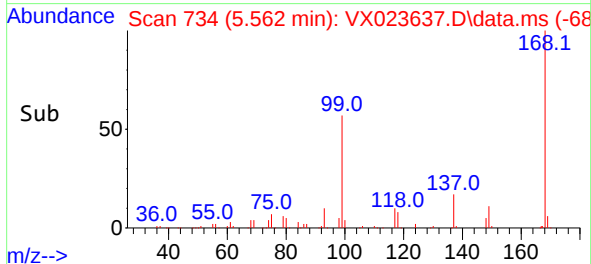
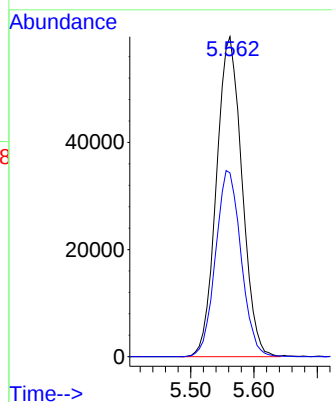
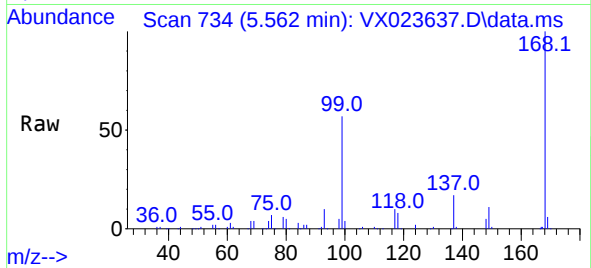




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

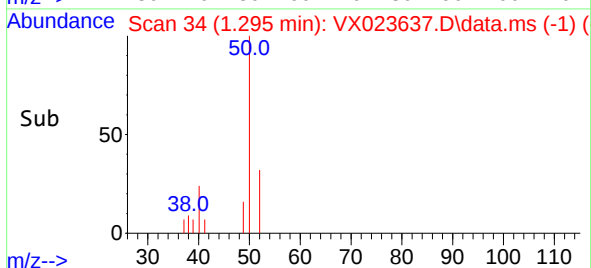
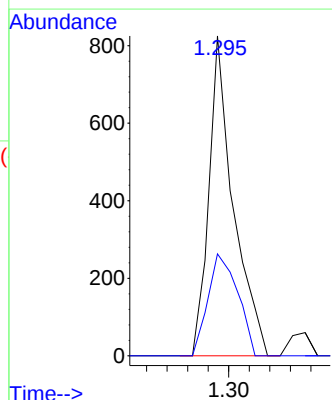
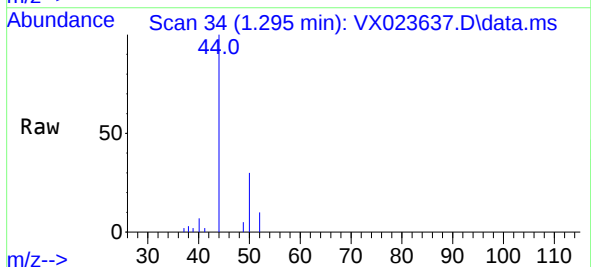
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

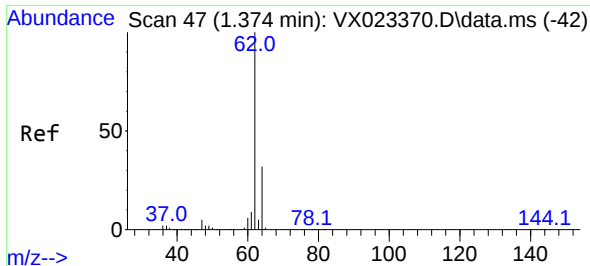
Tgt Ion:168 Resp: 167475
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#3
Chloromethane
Concen: 0.379 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

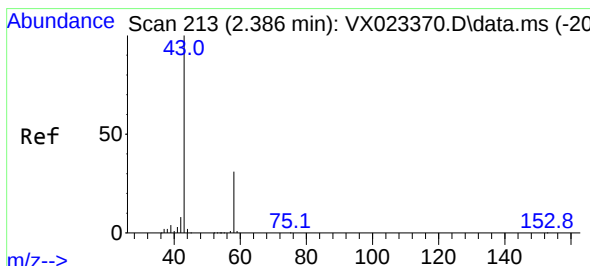
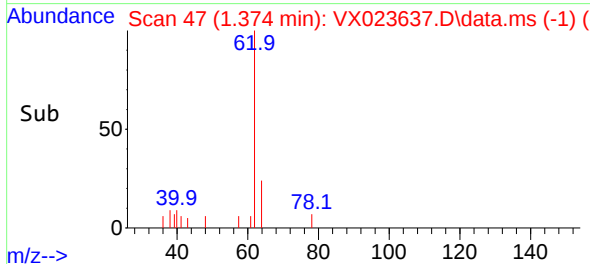
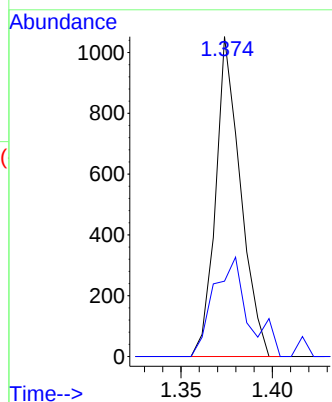
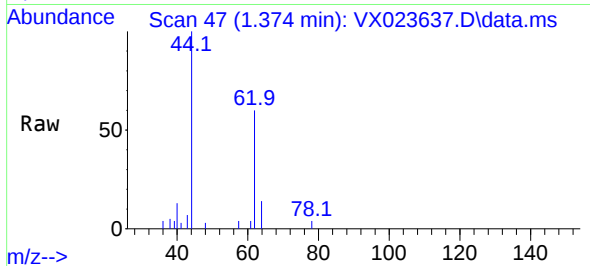




#4
 Vinyl Chloride
 Concen: 0.548 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX023637.D
 Acq: 10 Aug 2021 16:32

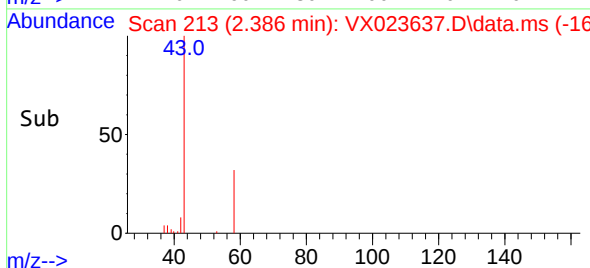
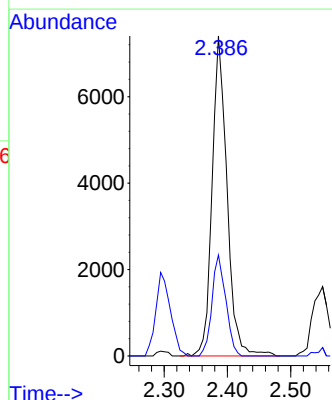
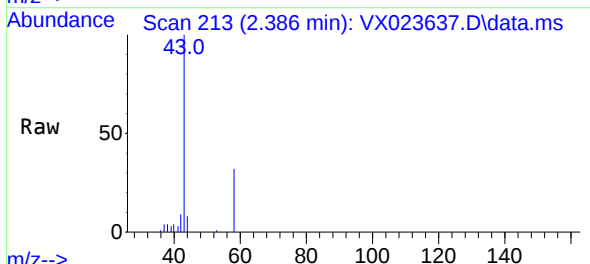
Instrument :
 MSVOA_X
 ClientSampleId :
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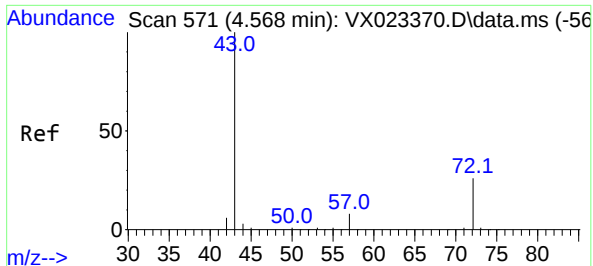
Tgt Ion: 62 Resp: 995
 Ion Ratio Lower Upper
 62 100
 64 23.6 25.7 38.5#



#16
 Acetone
 Concen: 11.839 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX023637.D
 Acq: 10 Aug 2021 16:32

Tgt Ion: 43 Resp: 12133
 Ion Ratio Lower Upper
 43 100
 58 31.6 27.8 41.8

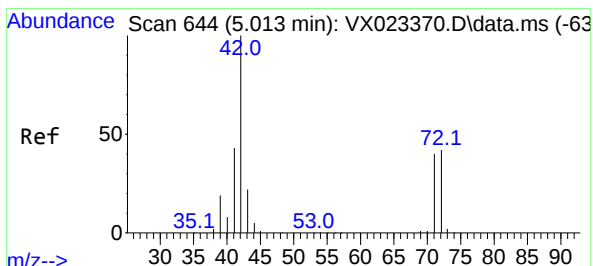
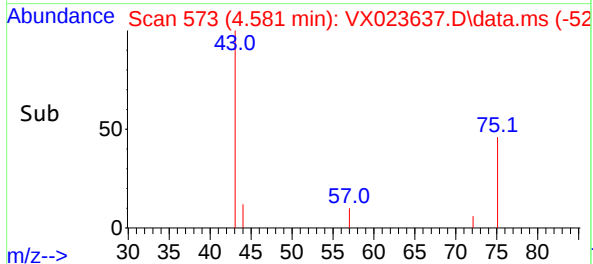
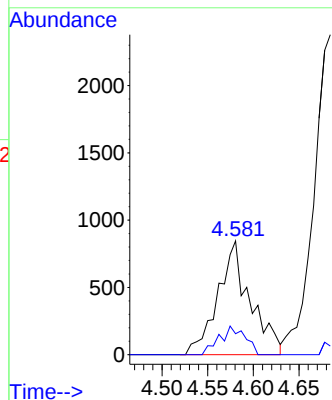
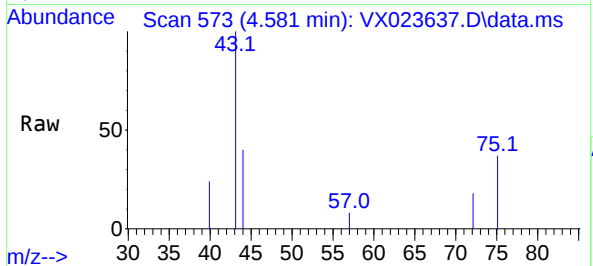




#25
2-Butanone
Concen: 1.311 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

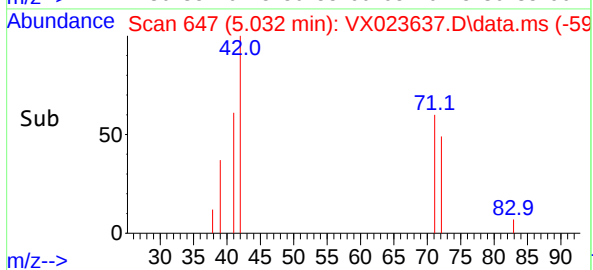
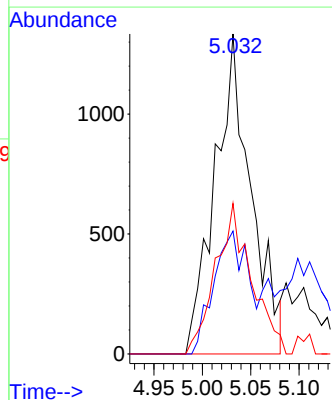
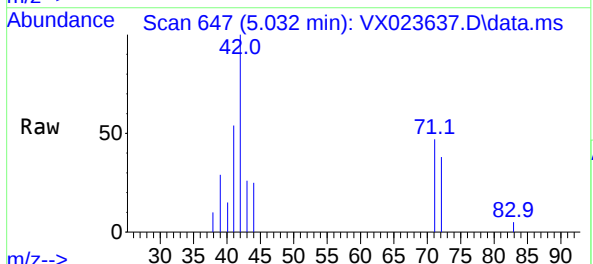
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

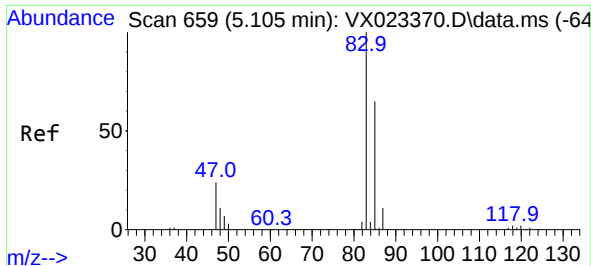
Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
72 18.4 23.7 35.5#



#29
Tetrahydrofuran
Concen: 3.328 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion: 42 Resp: 3471
Ion Ratio Lower Upper
42 100
72 36.4 41.7 62.5#
71 46.4 38.4 57.6





#30

Chloroform

Concen: 43.442 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023637.D

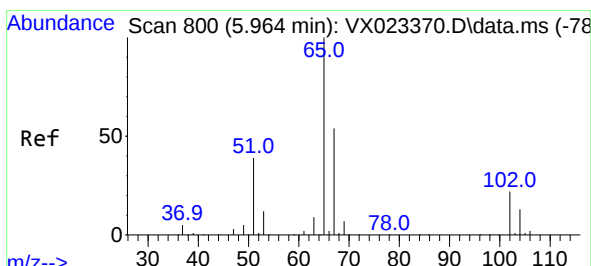
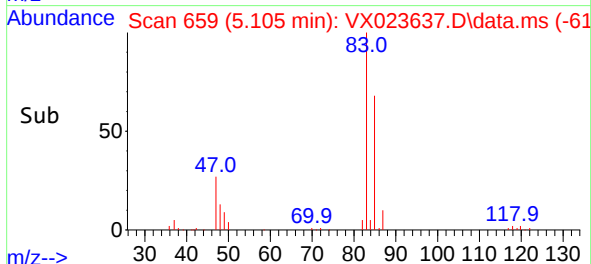
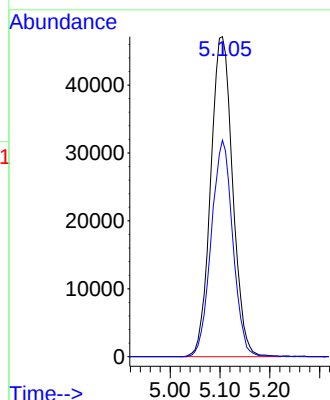
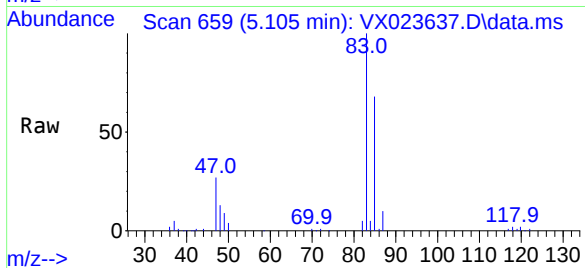
Acq: 10 Aug 2021 16:32

Tgt Ion: 83 Resp: 144330

Ion Ratio Lower Upper

83 100

85 67.6 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 55.006 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023637.D

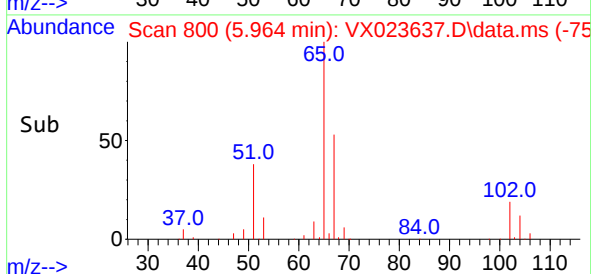
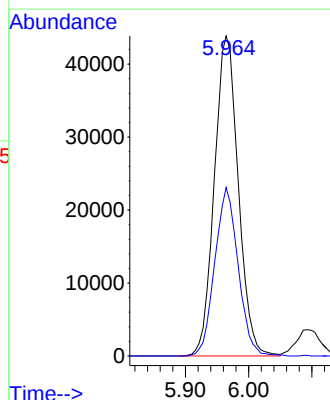
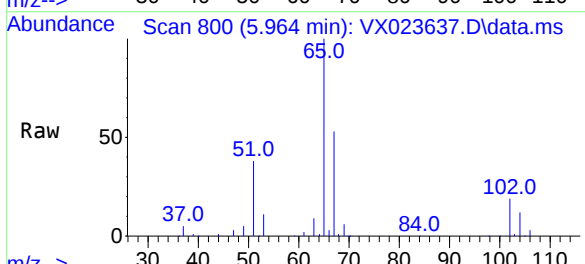
Acq: 10 Aug 2021 16:32

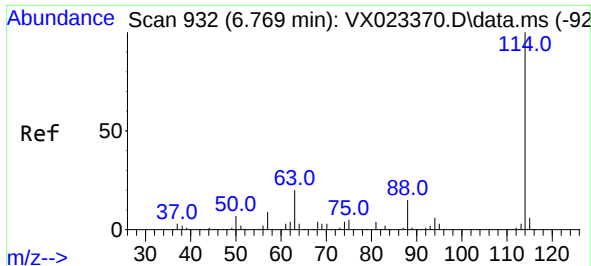
Tgt Ion: 65 Resp: 114913

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.4

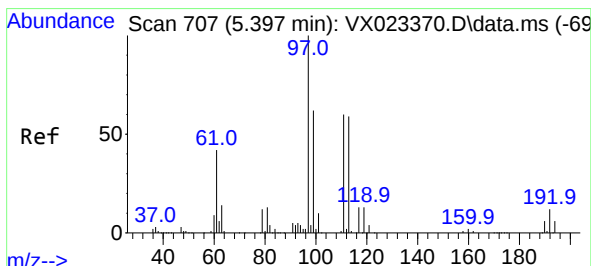
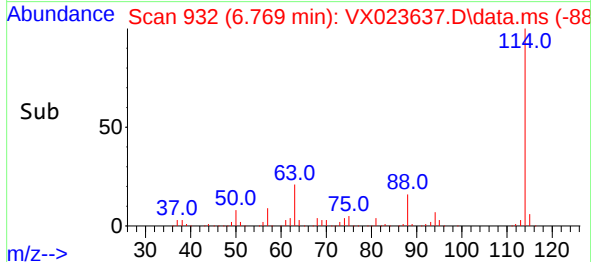
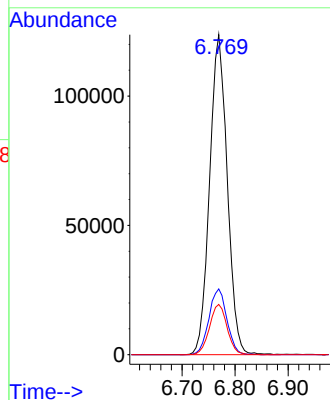
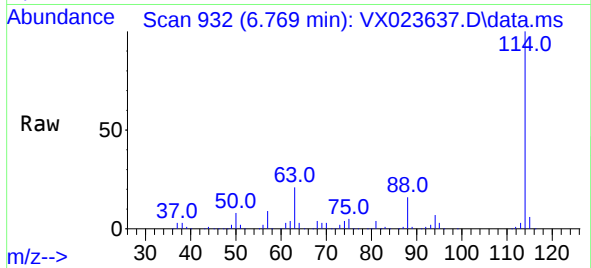




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

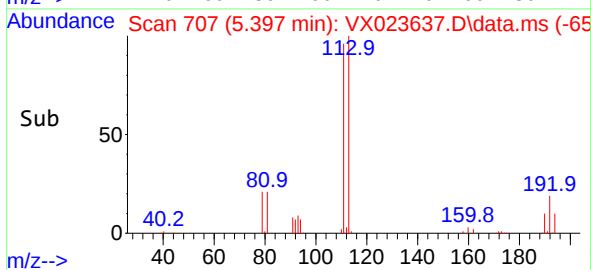
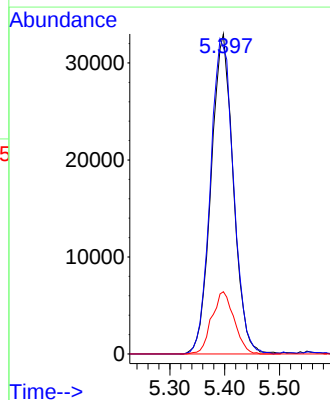
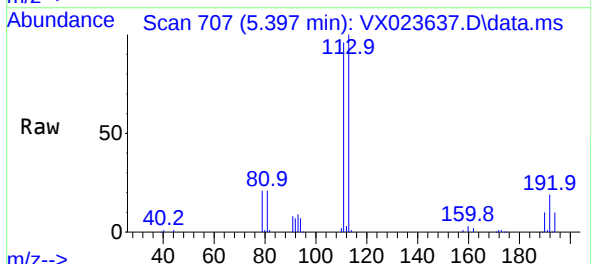
Instrument :
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PILOT-PLANT-PROCESS-BLEED

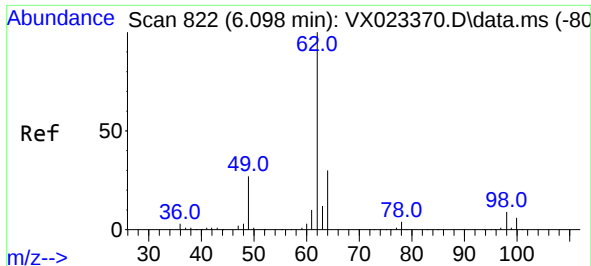
Tgt Ion:114 Resp: 285554
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.880 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion:113 Resp: 92627
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.6 16.7 25.1





#42

1,2-Dichloroethane

Concen: 82.364 ug/l

RT: 6.092 min Scan# 821

Delta R.T. -0.006 min

Lab File: VX023637.D

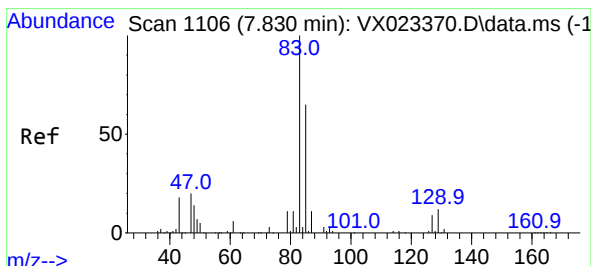
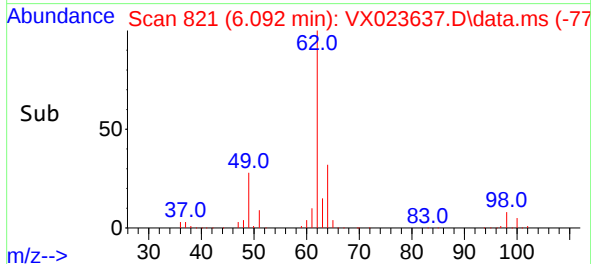
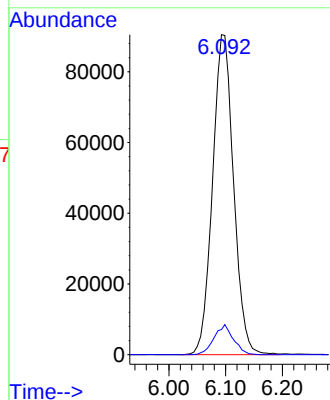
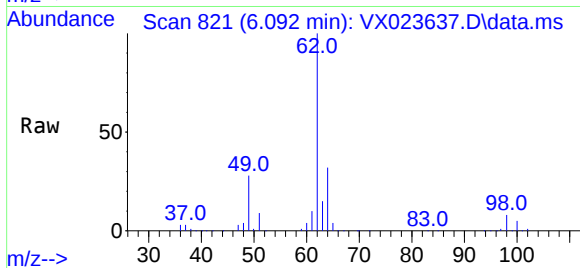
Acq: 10 Aug 2021 16:32

Tgt Ion: 62 Resp: 233242

Ion Ratio Lower Upper

62 100

98 8.6 0.0 20.2



#47

Bromodichloromethane

Concen: 18.356 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VX023637.D

Acq: 10 Aug 2021 16:32

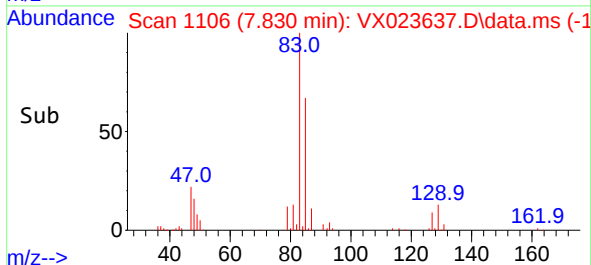
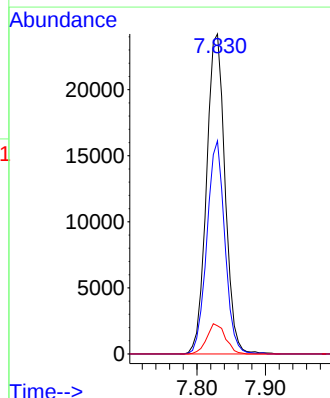
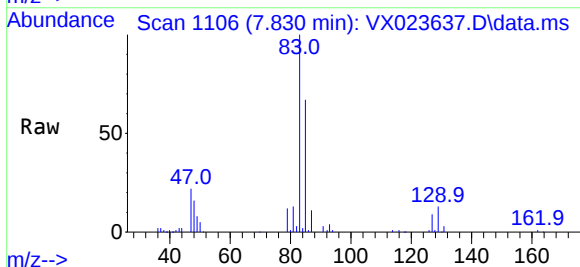
Tgt Ion: 83 Resp: 45461

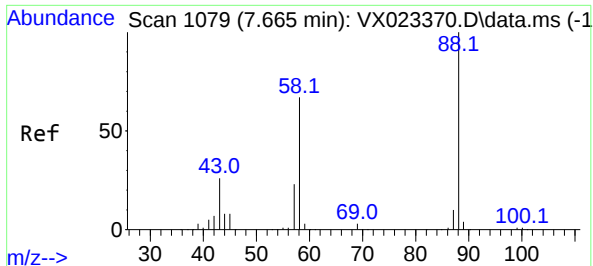
Ion Ratio Lower Upper

83 100

85 66.6 51.4 77.0

127 8.8 6.8 10.2

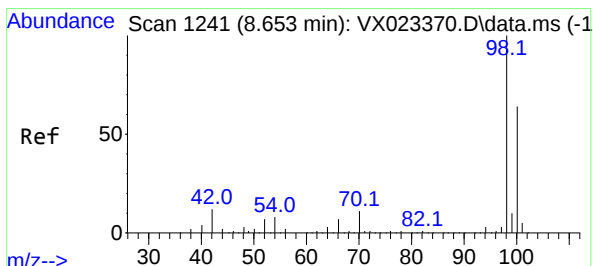
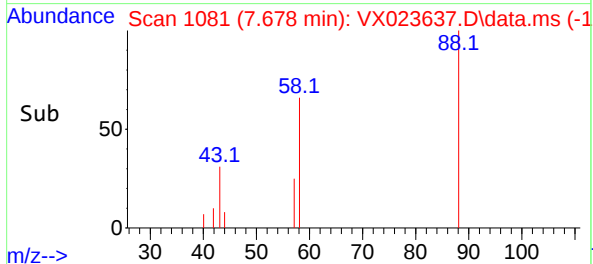
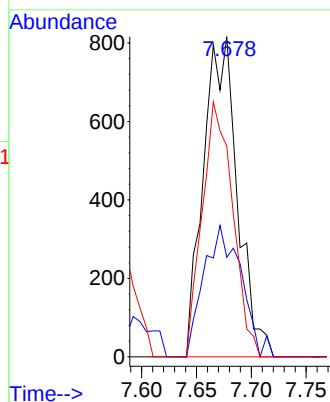
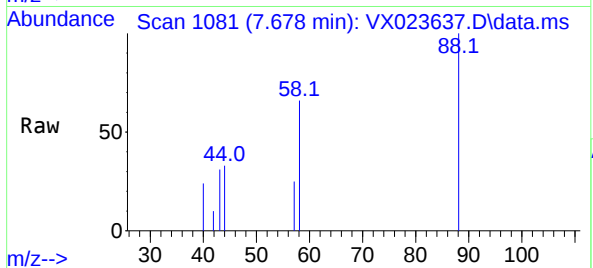




#49
1,4-Dioxane
Concen: 35.322 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

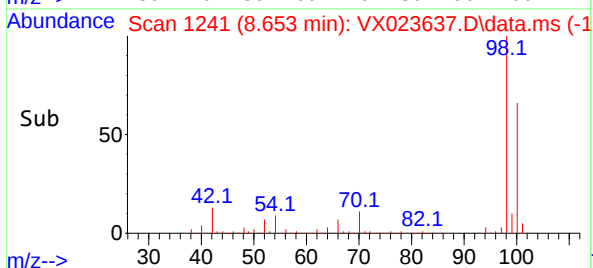
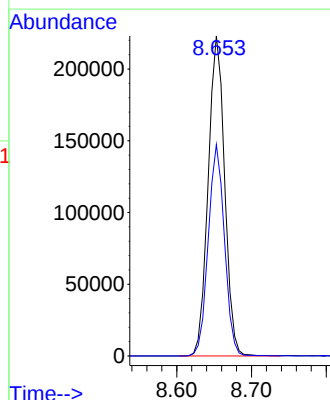
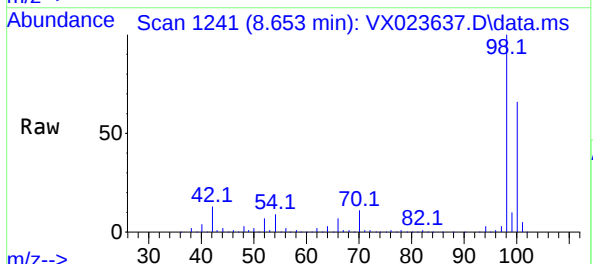
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

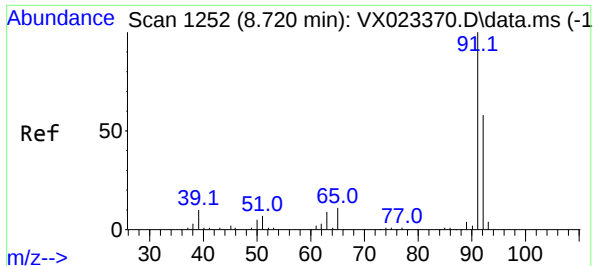
Tgt Ion: 88 Resp: 1758
Ion Ratio Lower Upper
88 100
43 44.9 23.2 34.8#
58 71.6 55.0 82.4



#50
Toluene-d8
Concen: 52.173 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion: 98 Resp: 342237
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

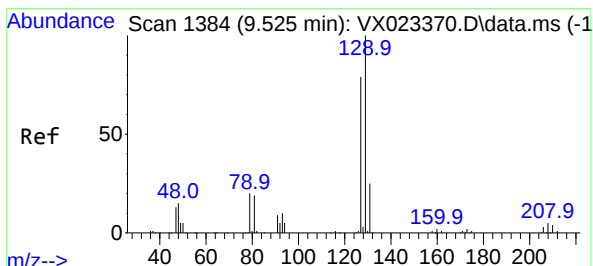
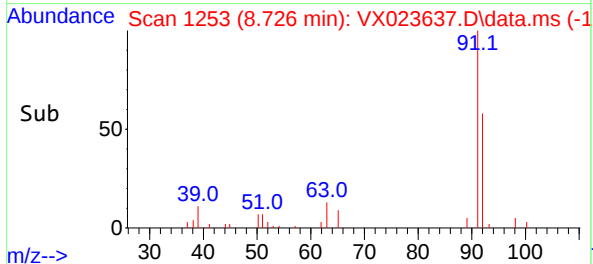
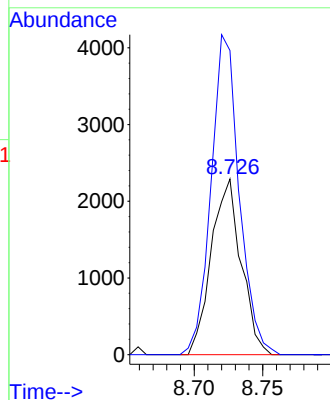
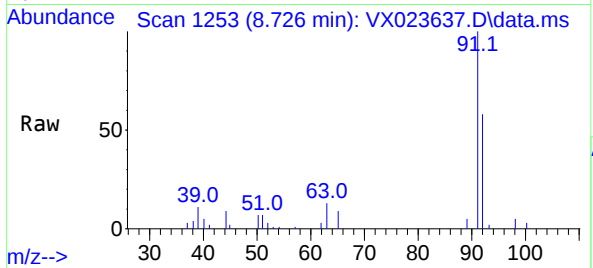




#52
Toluene
Concen: 0.731 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

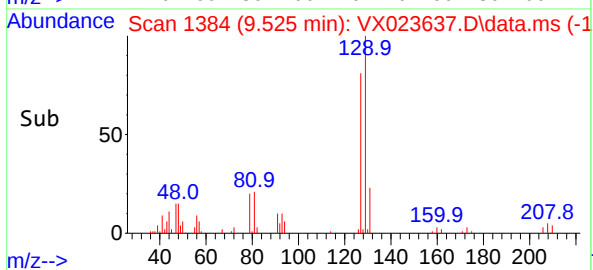
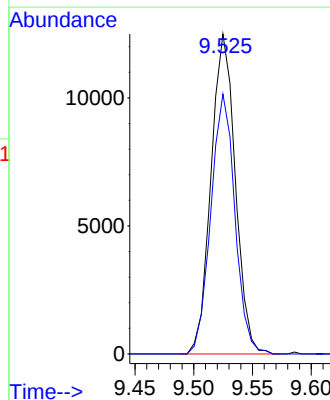
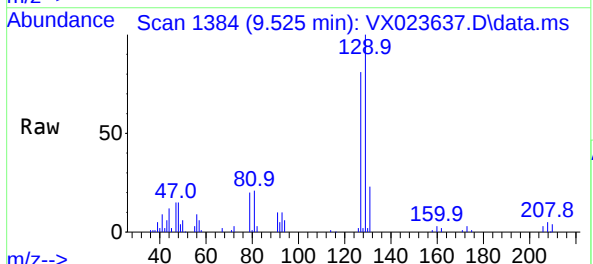
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

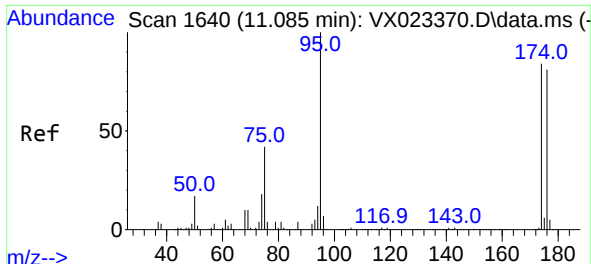
Tgt Ion: 92 Resp: 3469
Ion Ratio Lower Upper
92 100
91 172.1 137.1 205.7



#60
Dibromochloromethane
Concen: 10.085 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion: 129 Resp: 17966
Ion Ratio Lower Upper
129 100
127 80.3 38.4 115.2

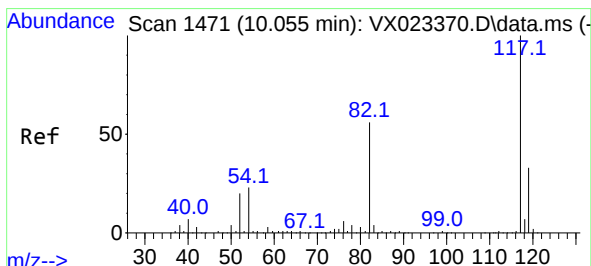
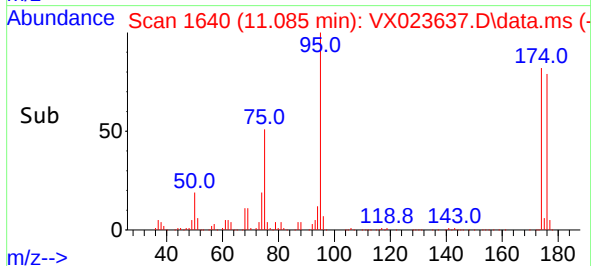
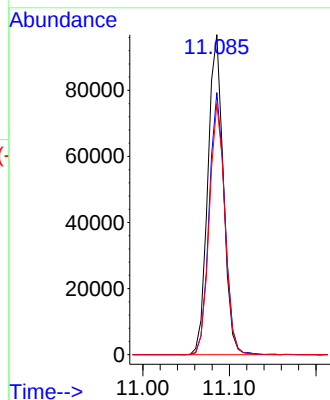
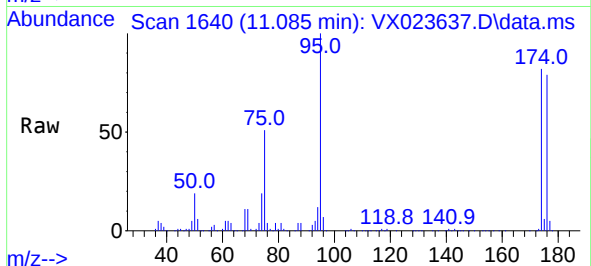




#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

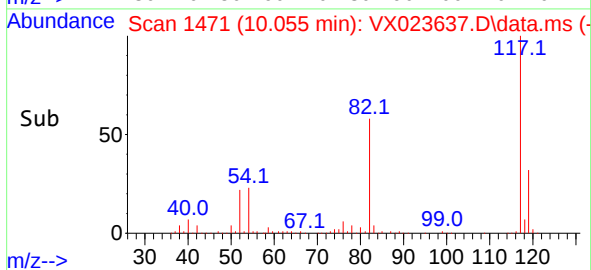
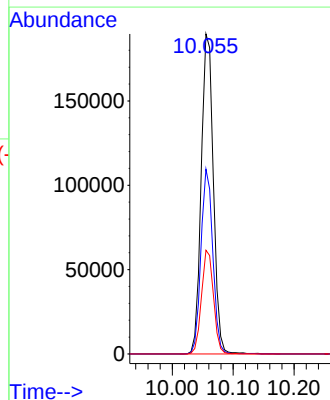
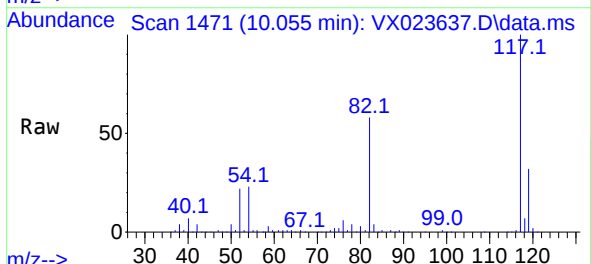
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

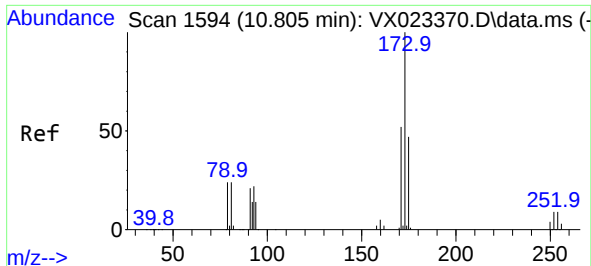
Tgt Ion: 95 Resp: 120479
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion: 117 Resp: 262702
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.4 26.6 39.8

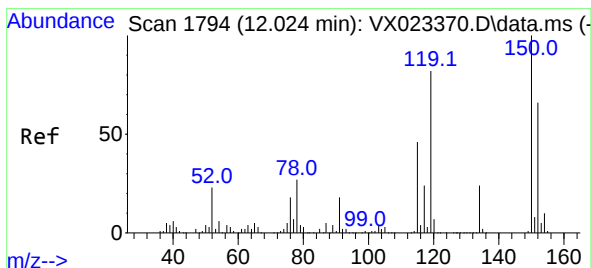
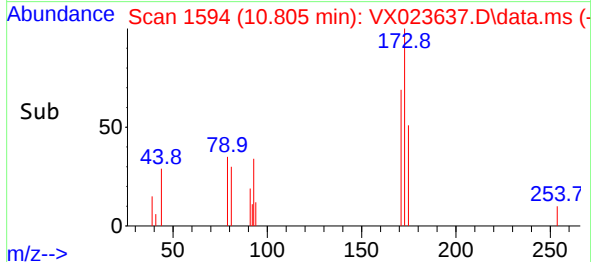
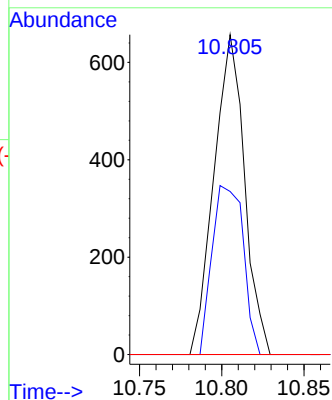
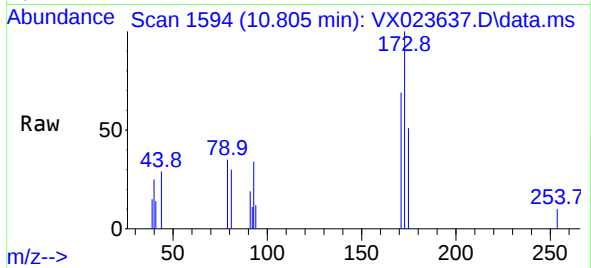




#71
Bromoform
Concen: 4.008 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

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

Tgt Ion:173 Resp: 849
Ion Ratio Lower Upper
173 100
175 53.7 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023637.D
Acq: 10 Aug 2021 16:32

Tgt Ion:152 Resp: 108413
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.8 0.0 349.0

