

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022661.D
 Acq On : 11 Jun 2021 12:47
 Operator : JC/MD
 Sample : M2684-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 11 13:27:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

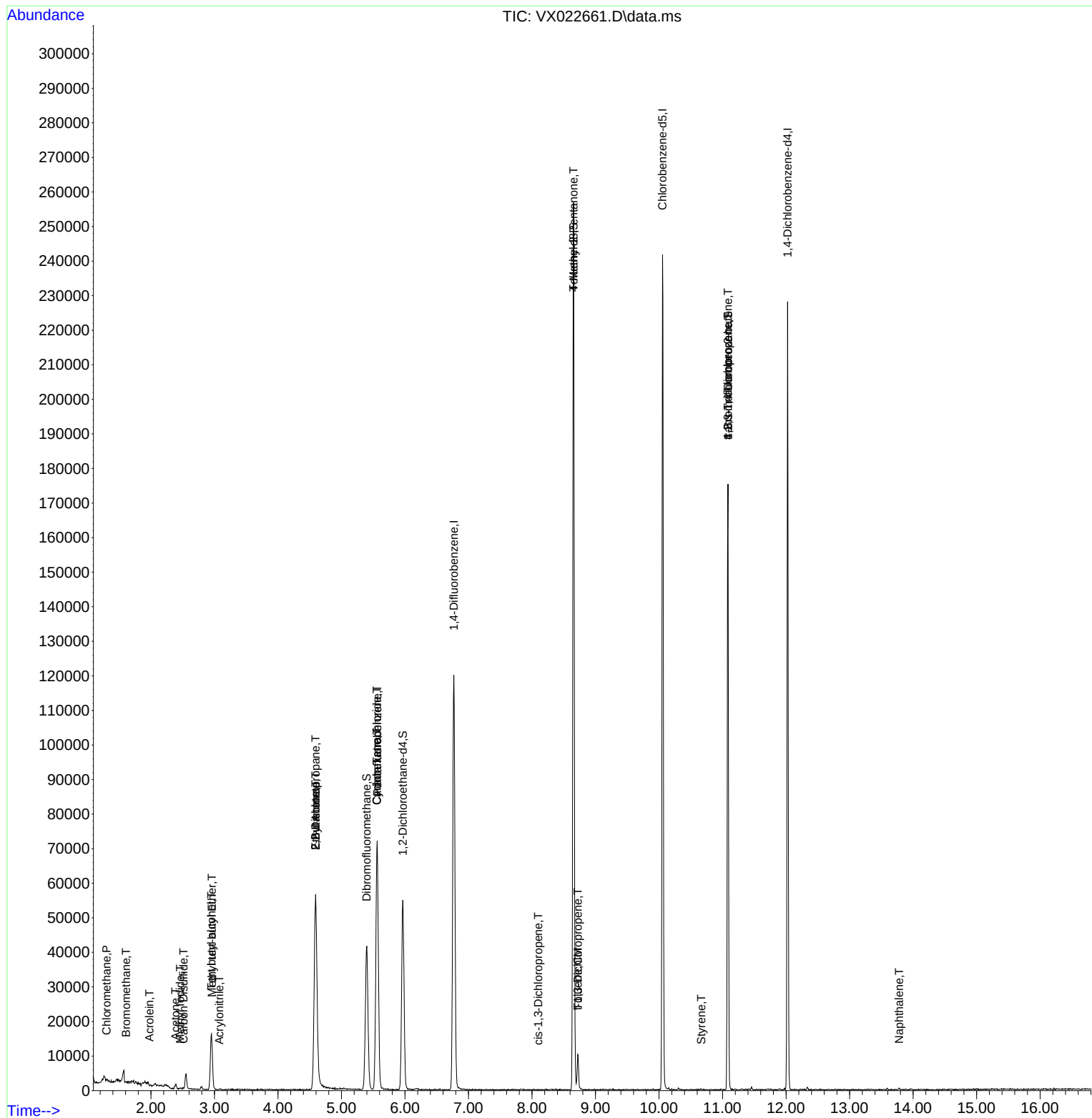
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	59964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	119104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49284	45.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.400%
35) Dibromofluoromethane	5.397	113	36060	47.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.653	98	144268	48.160	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.085	95	48972	43.225	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	200	0.235	ug/l #	84
5) Bromomethane	1.605	94	105	0.231	ug/l	90
10) Methyl Iodide	2.459	142	239	0.290	ug/l #	88
11) Tert butyl alcohol	2.953	59	9871	39.532	ug/l #	75
13) Acrolein	1.977	56	23	0.220	ug/l #	14
15) Acrylonitrile	3.075	53	103	0.210	ug/l #	53
16) Acetone	2.386	43	1380	2.858	ug/l	96
17) Carbon Disulfide	2.514	76	453	0.277	ug/l #	75
19) Methyl tert-butyl Ether	2.959	73	621	0.246	ug/l #	55
25) 2-Butanone	4.593	43	3350	4.278	ug/l	90
26) 2,2-Dichloropropane	4.593	77	4364	3.540	ug/l #	52
31) Cyclohexane	5.556	56	1903	1.463	ug/l #	26
37) Ethyl Acetate	4.593	43	3350	2.221	ug/l #	1
38) Carbon Tetrachloride	5.556	117	6646	6.547	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	752	0.497	ug/l #	1
52) Toluene	8.720	92	3497	1.591	ug/l	94
53) t-1,3-Dichloropropene	8.720	75	54	3.294	ug/l #	18
54) cis-1,3-Dichloropropene	8.098	75	29	2.514	ug/l #	36
70) Styrene	10.665	104	76	1.483	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	26559	26.007	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26559	65.240	ug/l #	12
95) Naphthalene	13.780	128	413	1.597	ug/l #	76

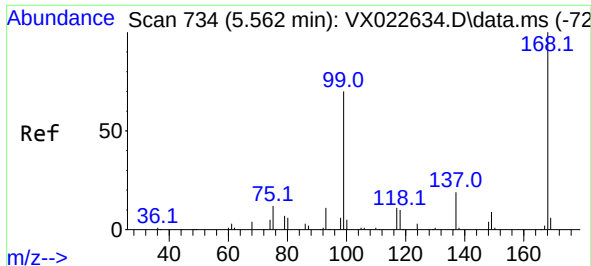
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 11 13:27:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

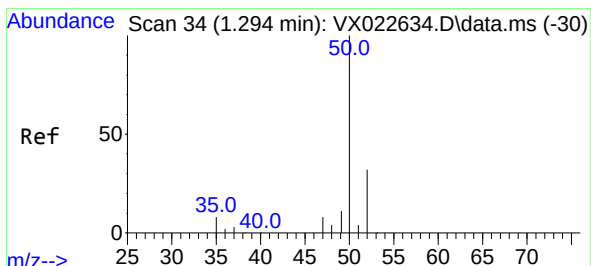
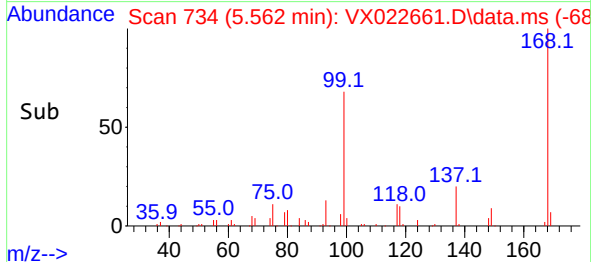
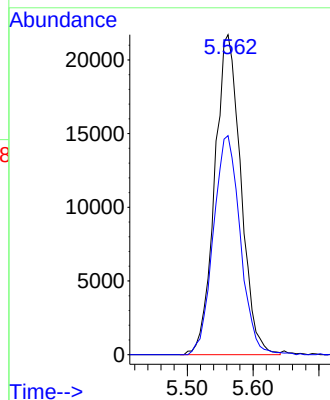
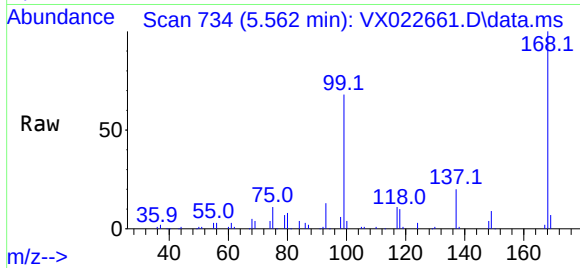




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

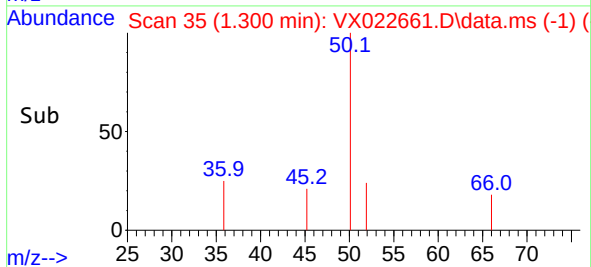
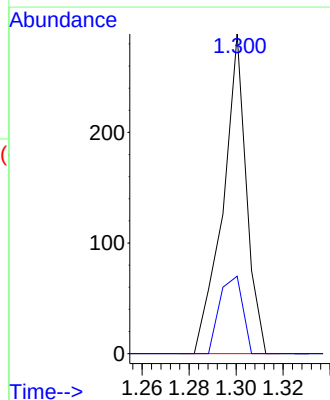
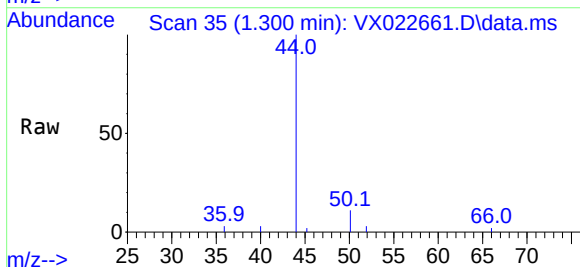
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

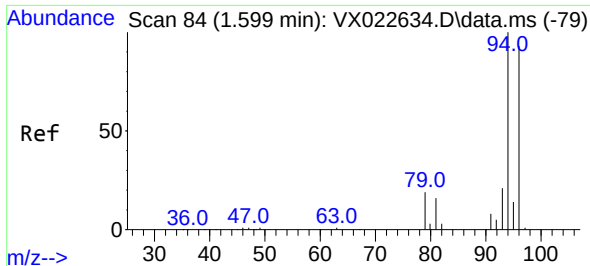
Tgt Ion:168 Resp: 59964
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 50 Resp: 200
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6#

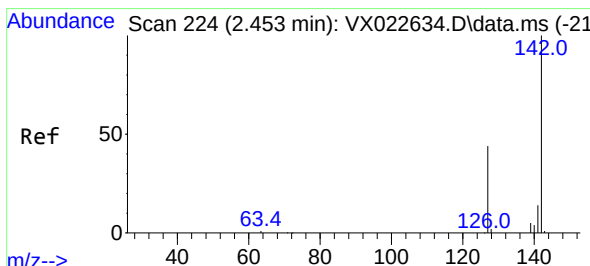
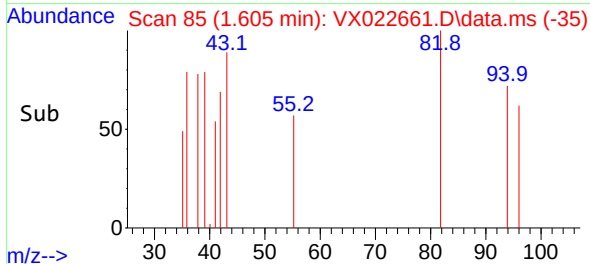
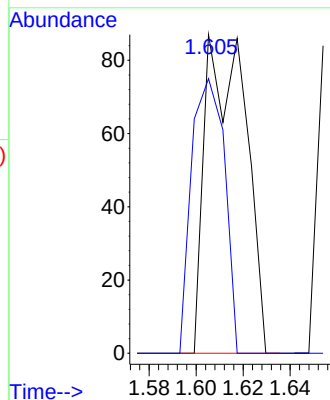
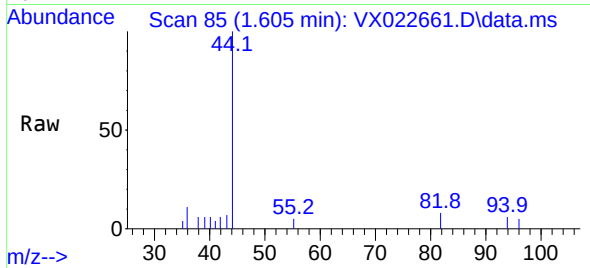




#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

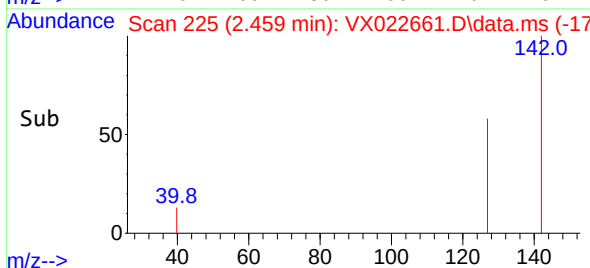
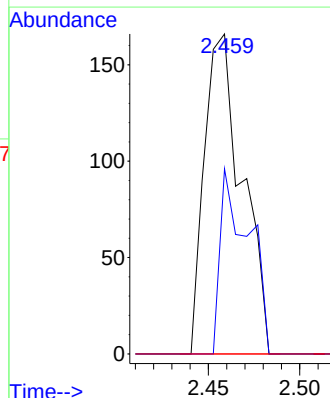
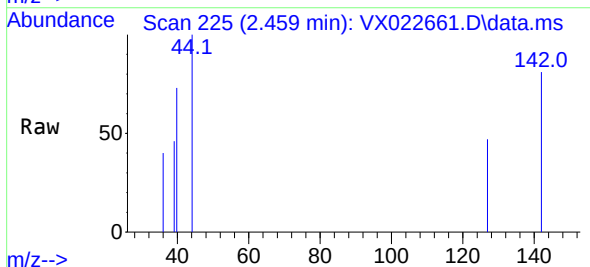
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

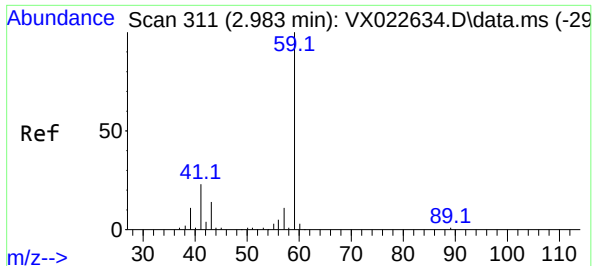
Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 86.2 76.4 114.6



#10
Methyl Iodide
Concen: 0.290 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 142 Resp: 239
Ion Ratio Lower Upper
142 100
127 43.9 33.3 49.9
141 0.0 11.4 17.0#



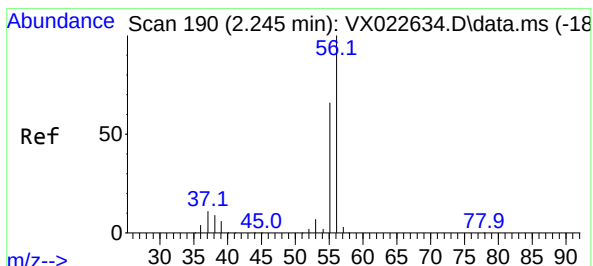
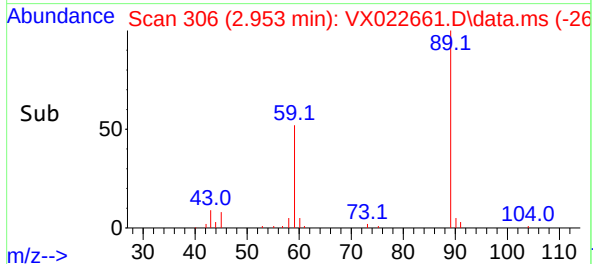
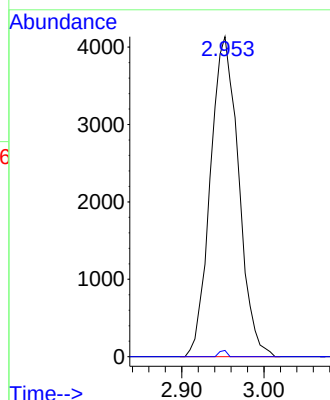
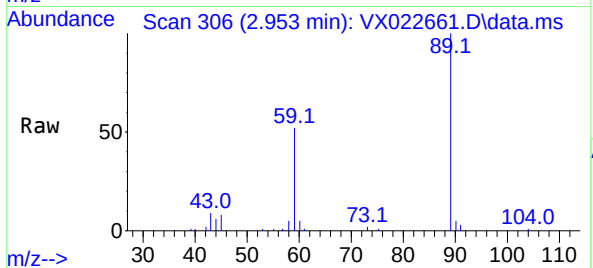


#11

Tert butyl alcohol
Concen: 39.532 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

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

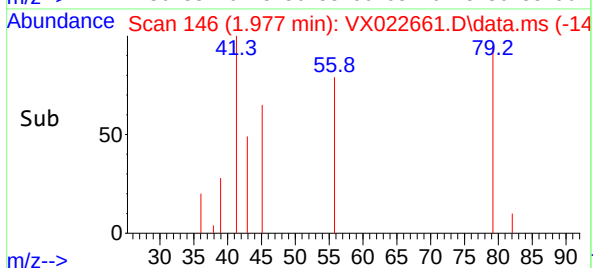
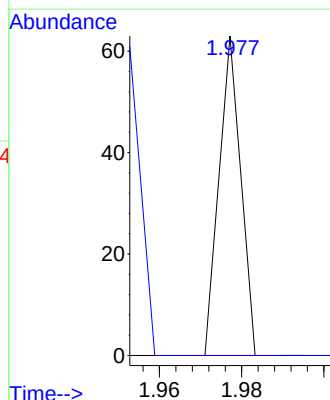
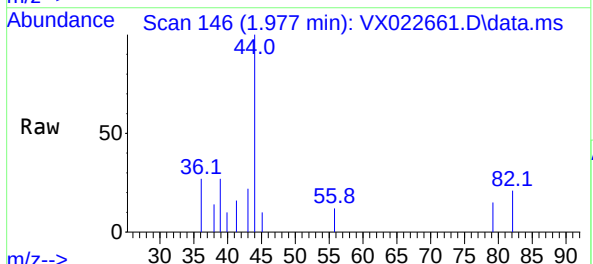
Tgt Ion: 59 Resp: 9871
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.8#

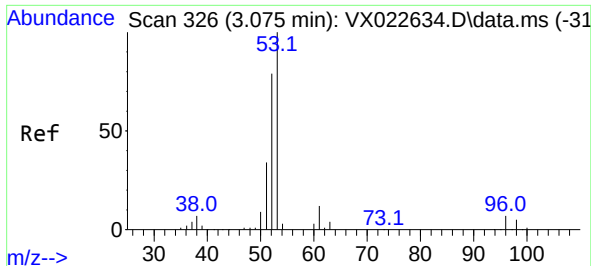


#13

Acrolein
Concen: 0.220 ug/l
RT: 1.977 min Scan# 146
Delta R.T. -0.262 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

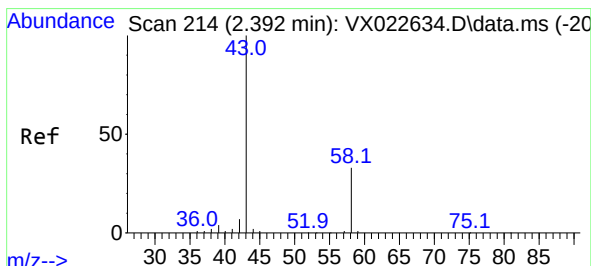
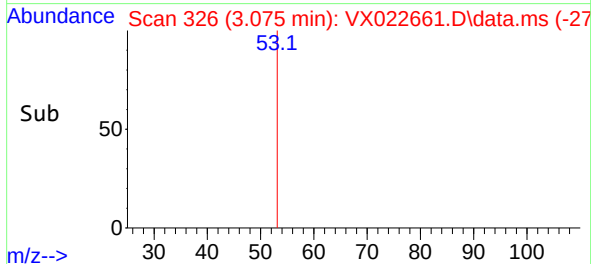
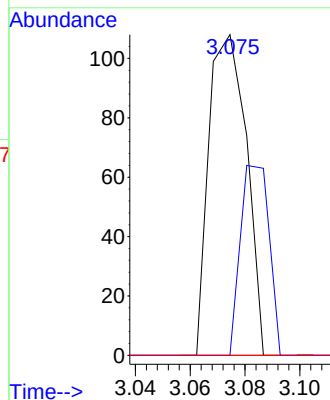
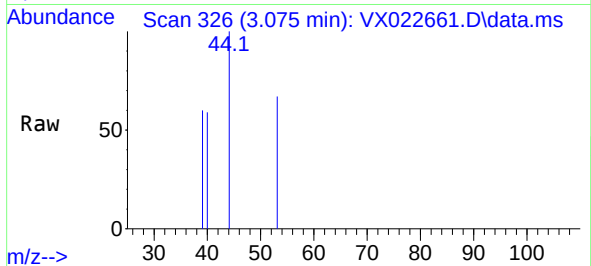




#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

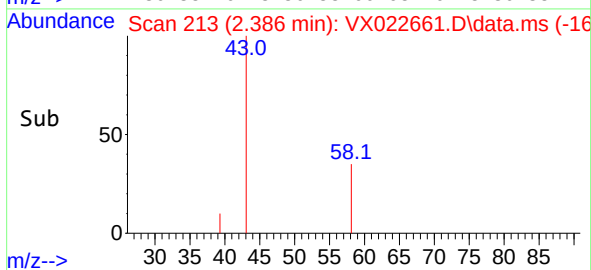
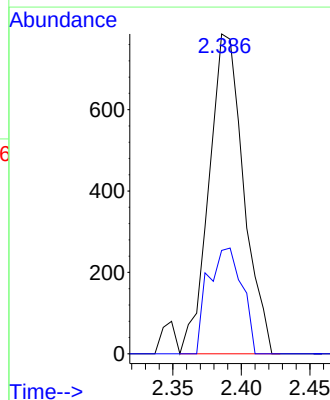
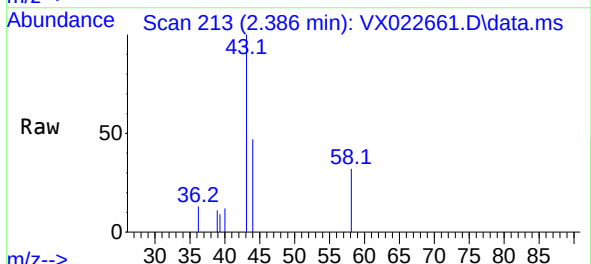
Instrument :
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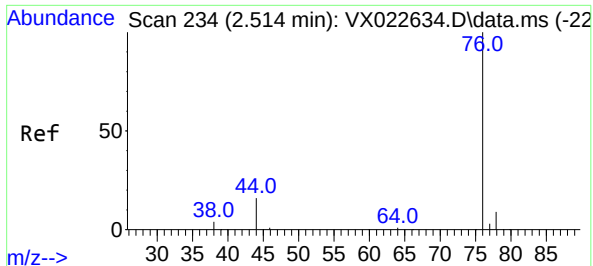
Tgt Ion: 53 Resp: 103
Ion Ratio Lower Upper
53 100
52 44.7 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 2.858 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8

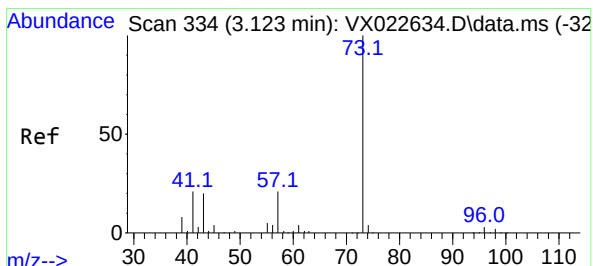
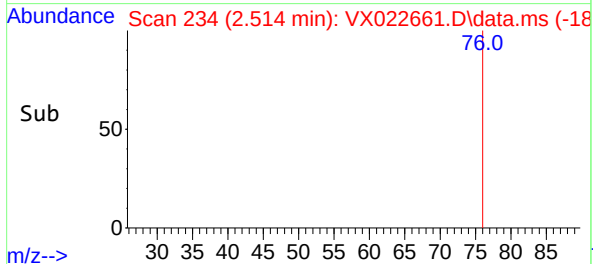
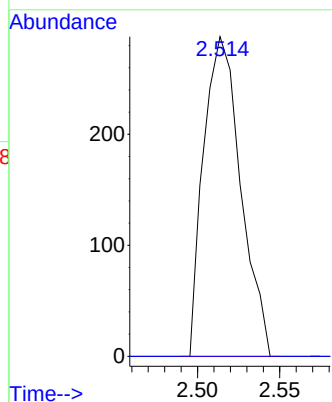
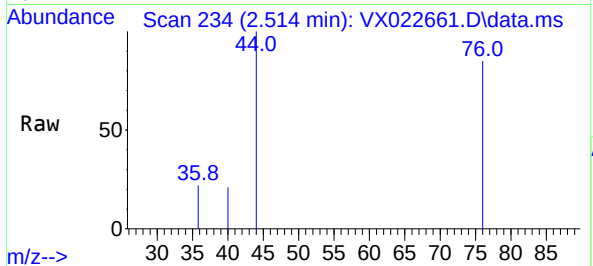




#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

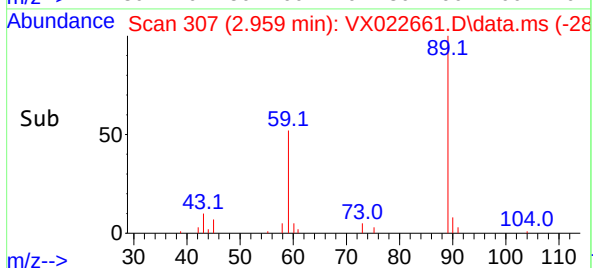
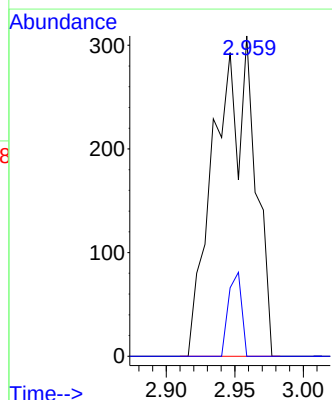
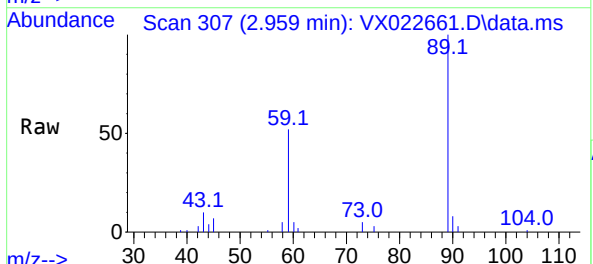
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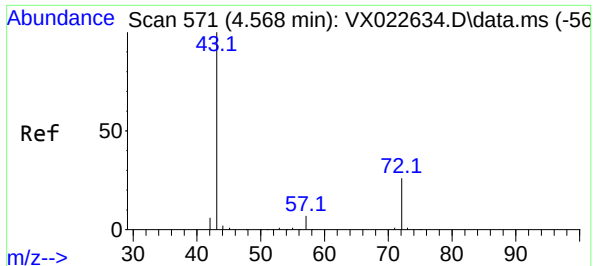
Tgt Ion: 76 Resp: 453
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.246 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.164 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 73 Resp: 621
Ion Ratio Lower Upper
73 100
57 0.0 17.1 25.7#



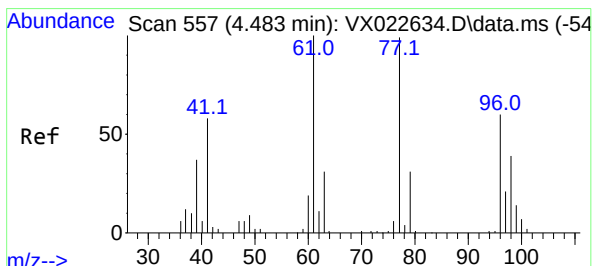
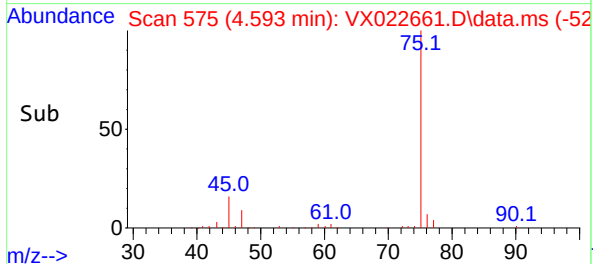
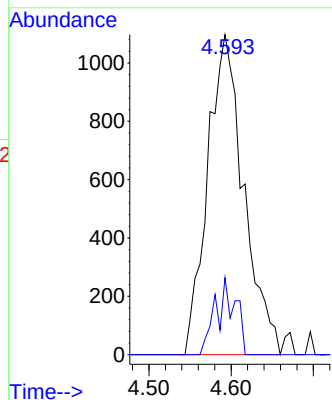
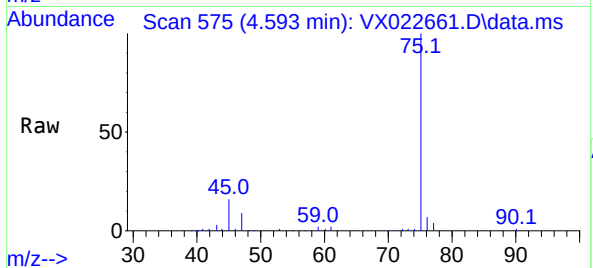


#25

2-Butanone
Concen: 4.278 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Instrument :
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ClientSampleId :
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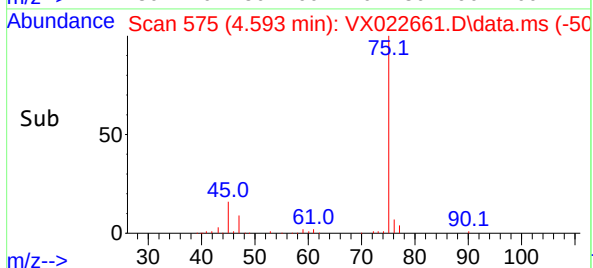
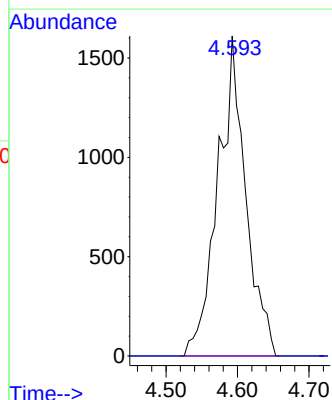
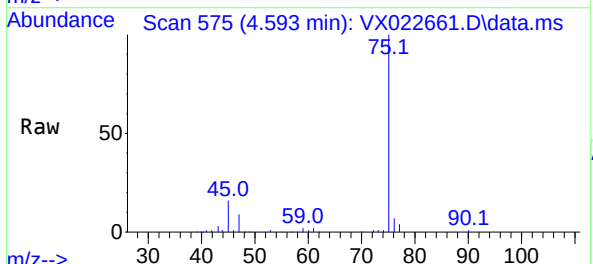
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5

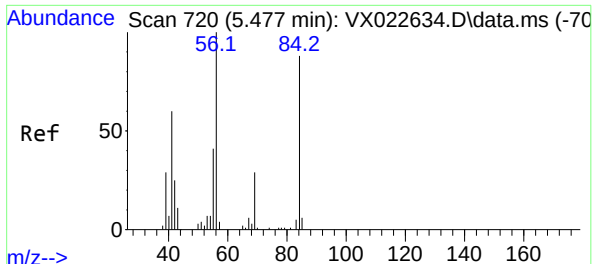


#26

2,2-Dichloropropane
Concen: 3.540 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.104 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 77 Resp: 4364
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#

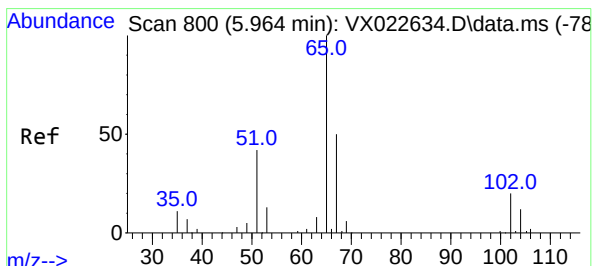
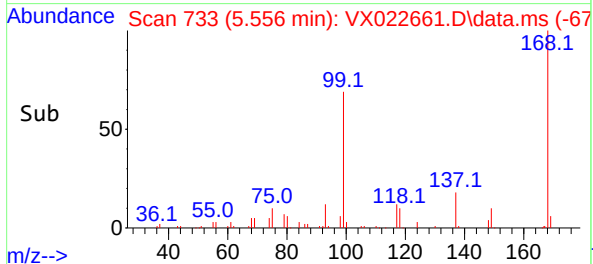
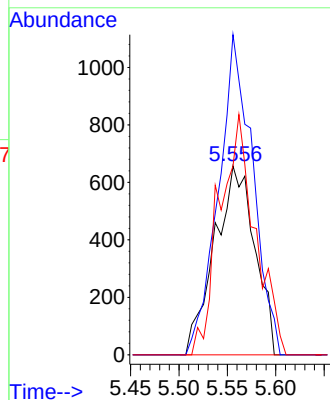
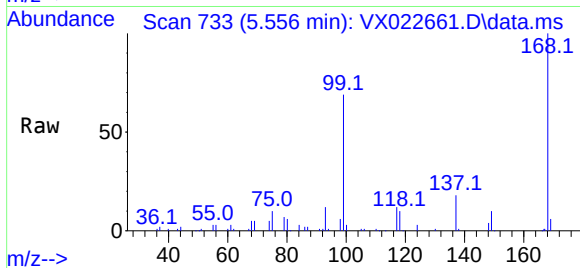




#31
Cyclohexane
Concen: 1.463 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

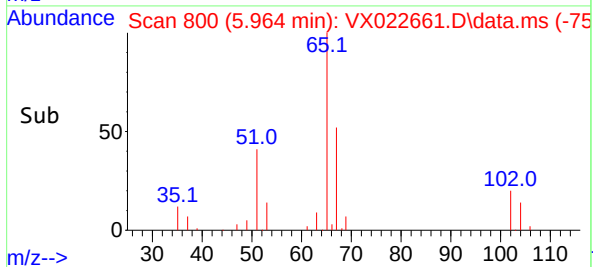
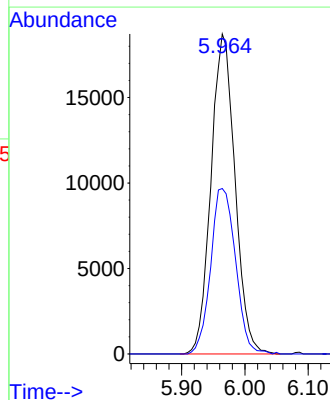
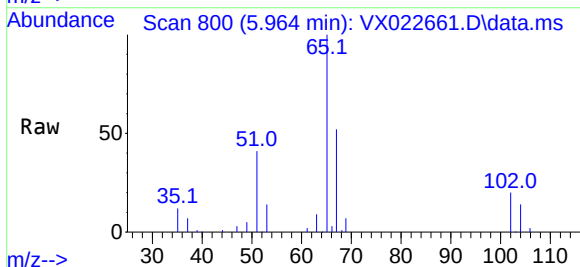
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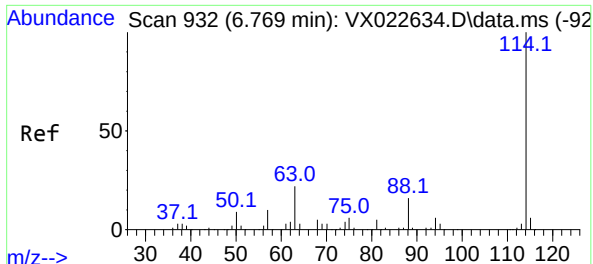
Tgt Ion: 56 Resp: 1903
Ion Ratio Lower Upper
56 100
69 169.6 25.3 37.9#
84 100.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 45.700 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 65 Resp: 49284
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4



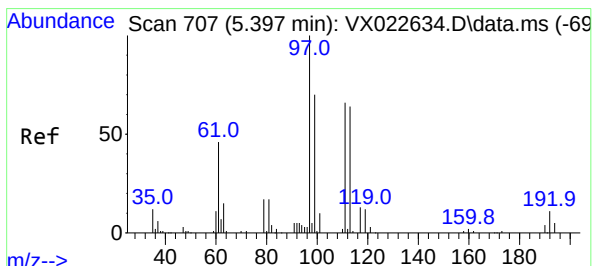
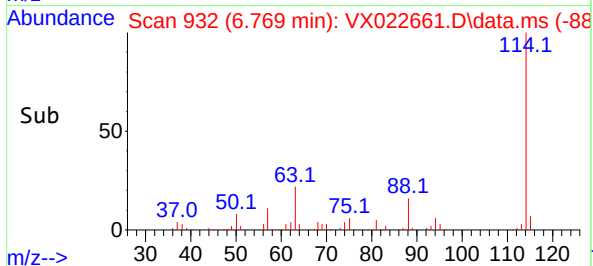
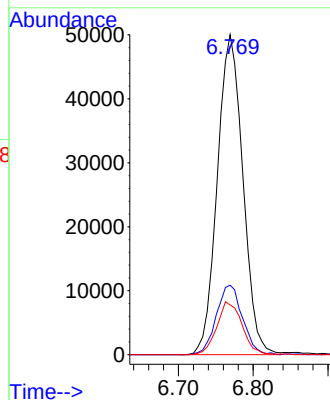
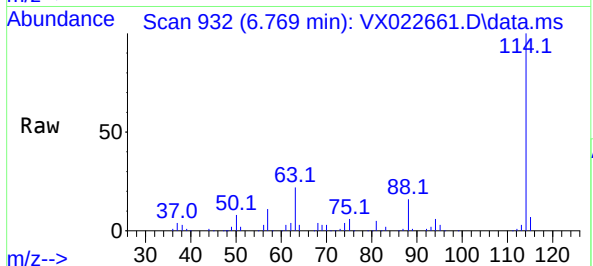


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

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

Tgt Ion:114 Resp: 119104

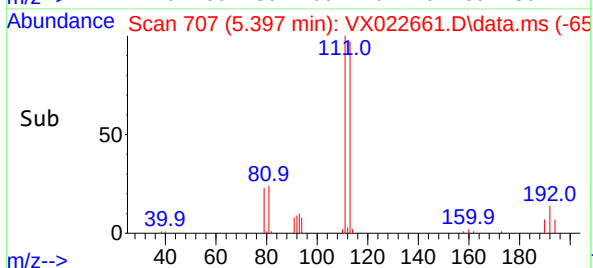
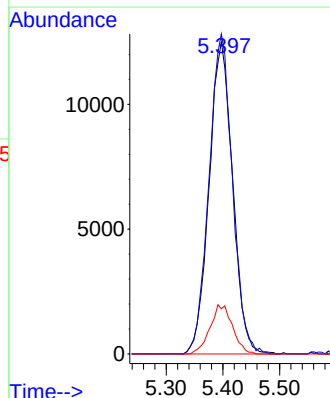
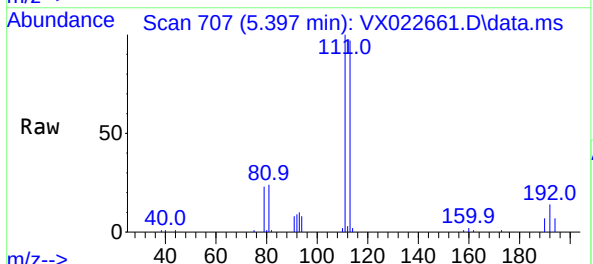
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.8
88	15.6	0.0	32.8

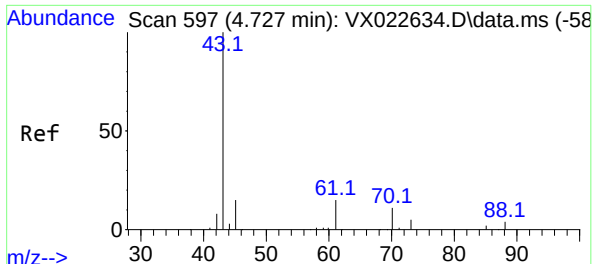


#35
Dibromofluoromethane
Concen: 47.453 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion:113 Resp: 36060

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	15.0	16.7	25.1



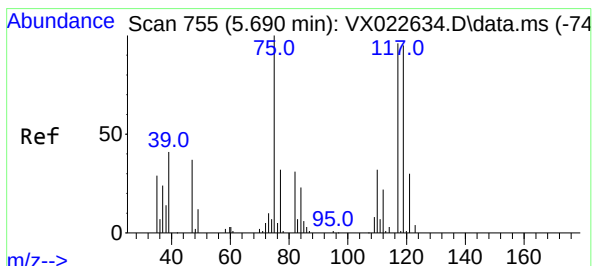
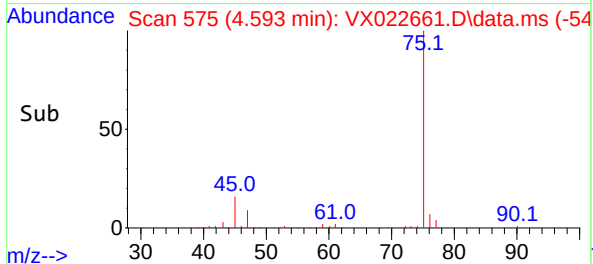
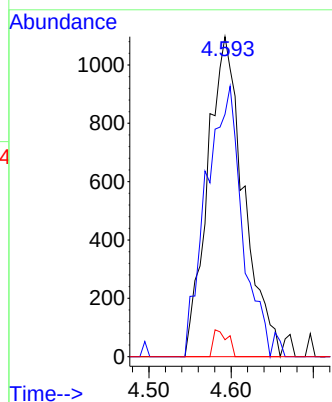
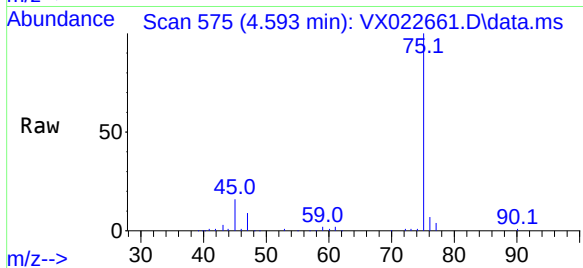


#37
Ethyl Acetate
Concen: 2.221 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

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

Tgt Ion: 43 Resp: 3350

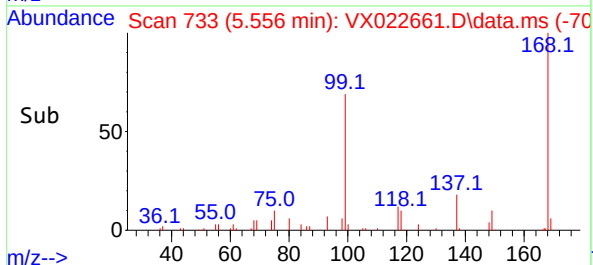
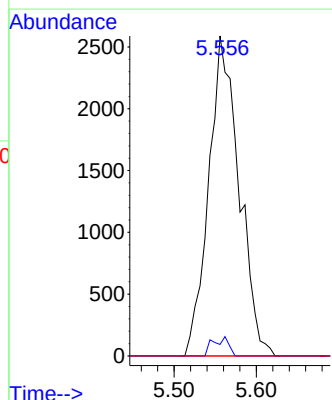
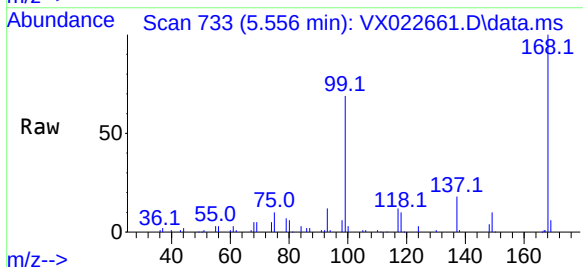
Ion	Ratio	Lower	Upper
43	100		
61	83.9	12.8	19.2#
70	3.3	10.5	15.7#

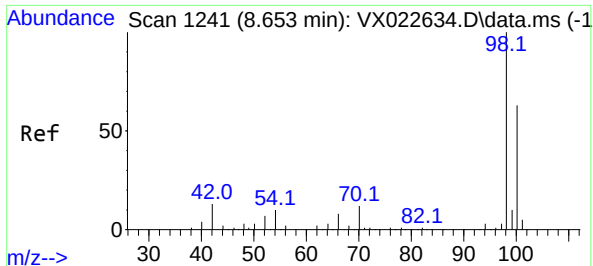


#38
Carbon Tetrachloride
Concen: 6.547 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 117 Resp: 6646

Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.2	114.2#
121	0.0	24.8	37.2#

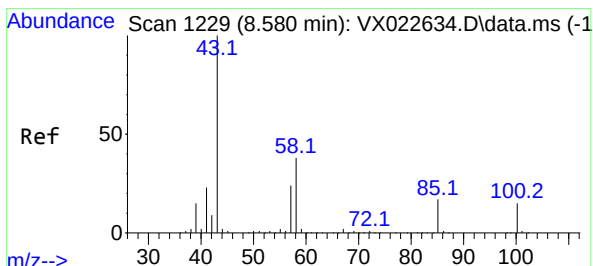
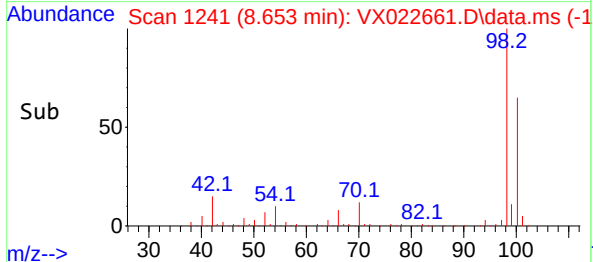
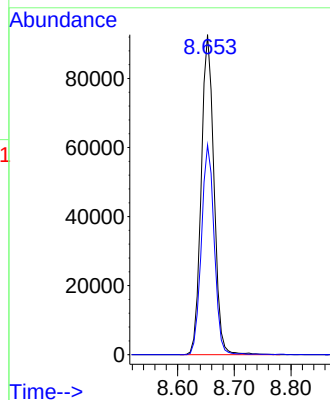
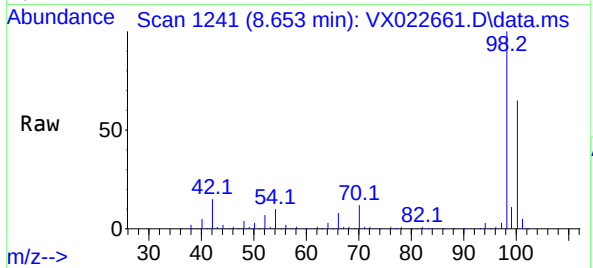




#50
Toluene-d8
Concen: 48.160 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

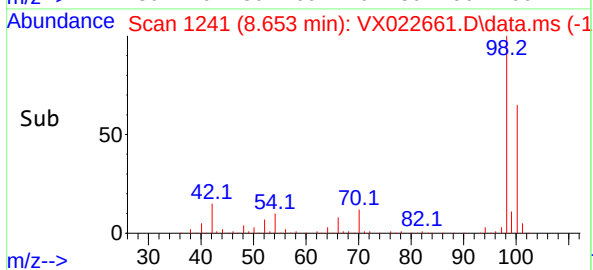
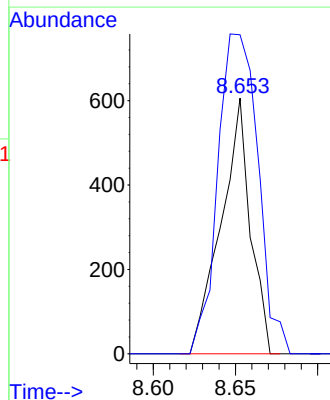
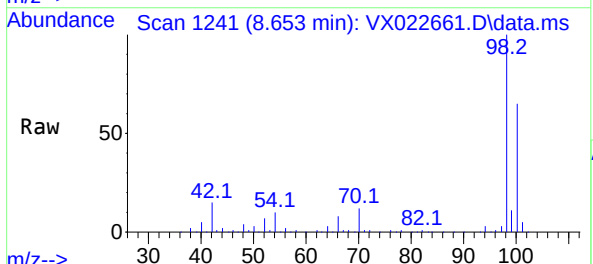
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

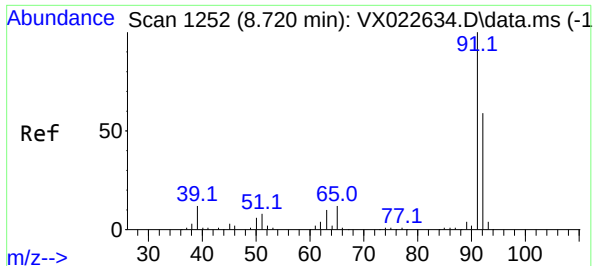
Tgt Ion: 98 Resp: 144268
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.497 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 171.7 35.4 53.0#





#52

Toluene

Concen: 1.591 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX022661.D

Acq: 11 Jun 2021 12:47

Tgt Ion: 92 Resp: 3497

Ion Ratio Lower Upper

92 100

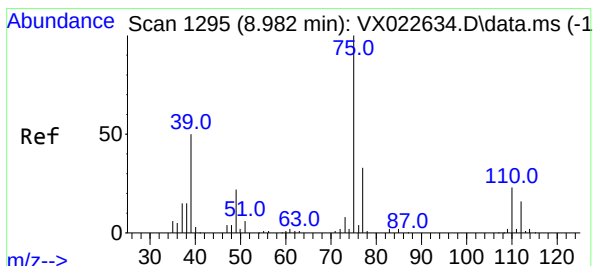
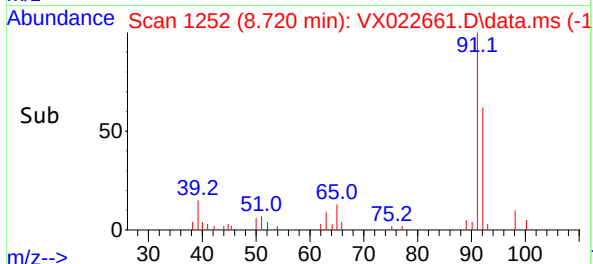
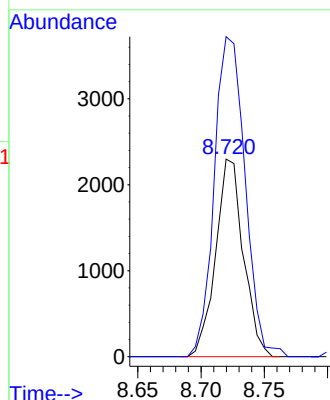
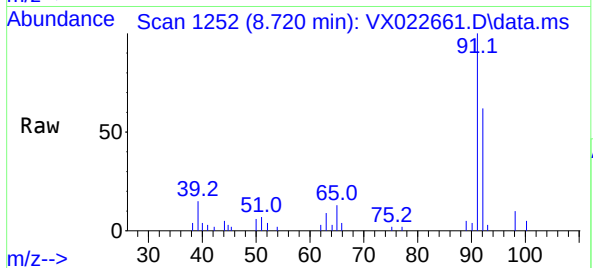
91 180.3 137.1 205.7

Instrument :

MSVOA_X

ClientSampleId :

PILOT-PLANT-PROCESS-BLEED



#53

t-1,3-Dichloropropene

Concen: 3.294 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.262 min

Lab File: VX022661.D

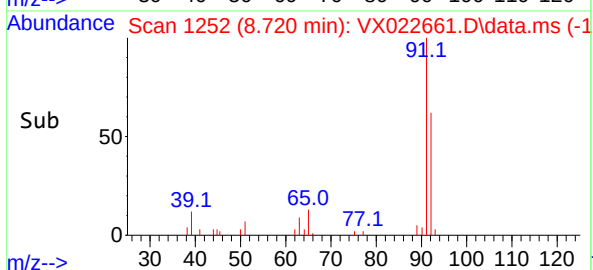
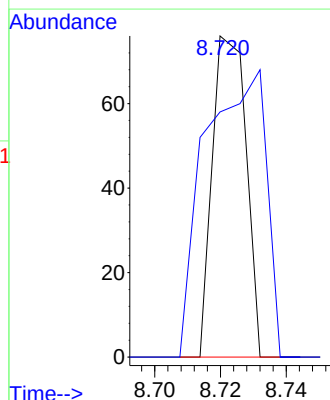
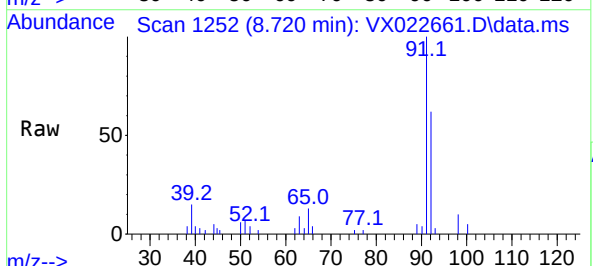
Acq: 11 Jun 2021 12:47

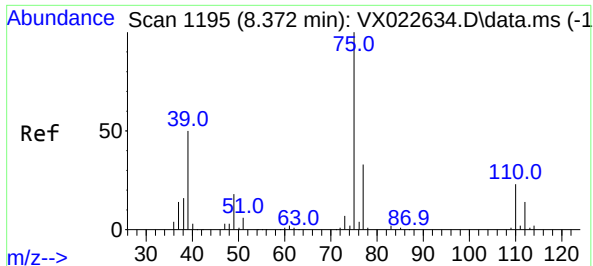
Tgt Ion: 75 Resp: 54

Ion Ratio Lower Upper

75 100

77 76.3 24.9 37.3#

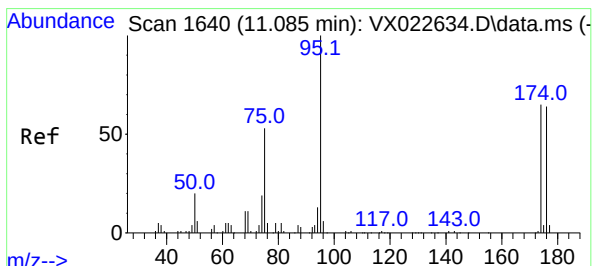
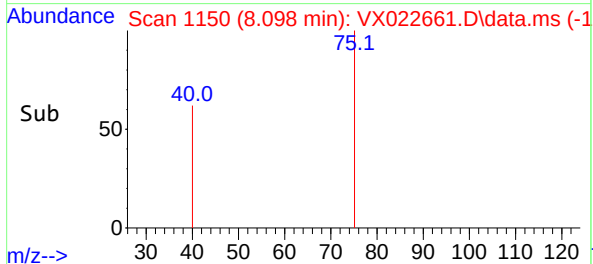
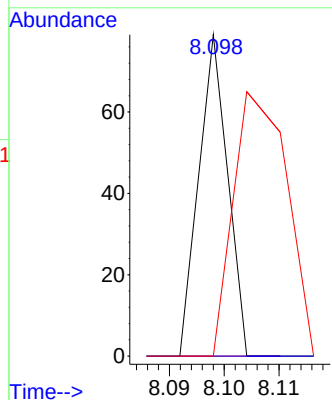
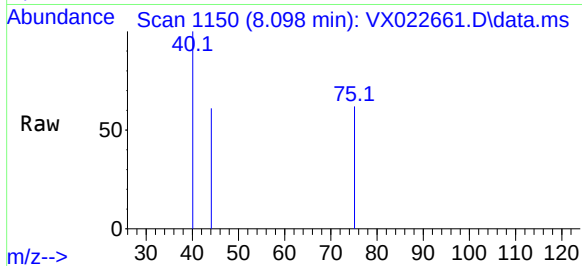




#54
cis-1,3-Dichloropropene
Concen: 2.514 ug/l
RT: 8.098 min Scan# 1150
Delta R.T. -0.274 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

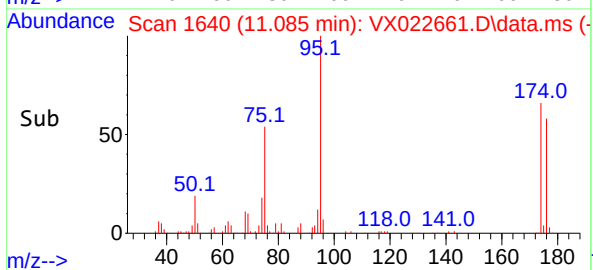
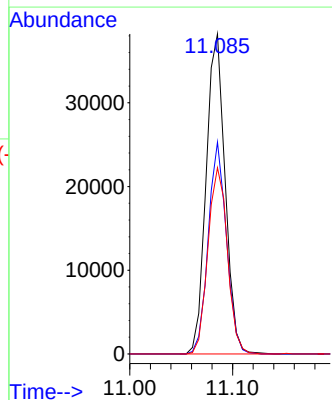
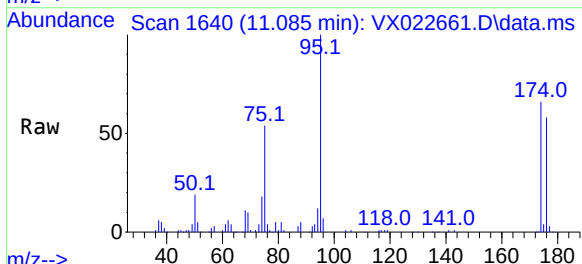
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

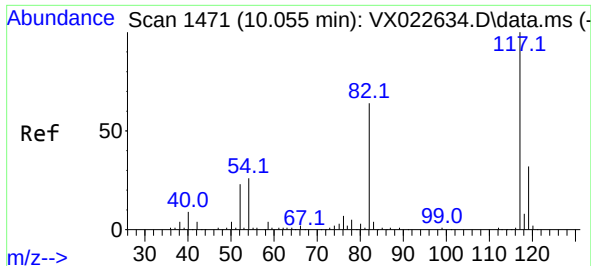
Tgt Ion: 75	Resp:	29
Ion	Ratio	Lower Upper
75	100	
77	0.0	25.7 38.5#
39	0.0	35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 43.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 95	Resp:	48972
Ion	Ratio	Lower Upper
95	100	
174	63.5	0.0 154.6
176	59.7	0.0 155.8

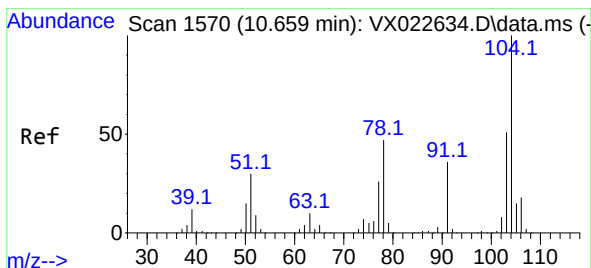
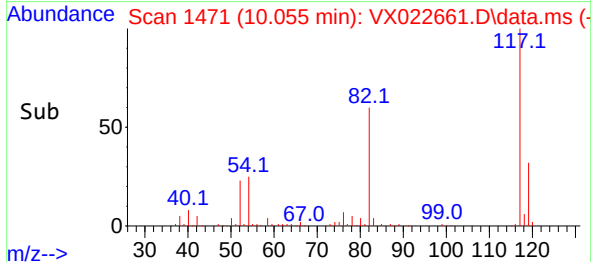
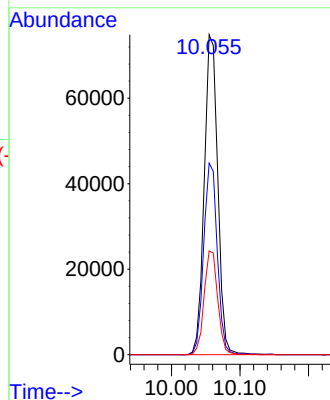
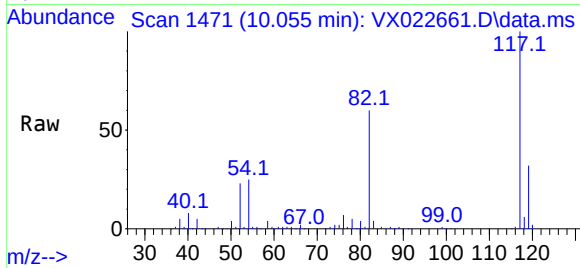




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

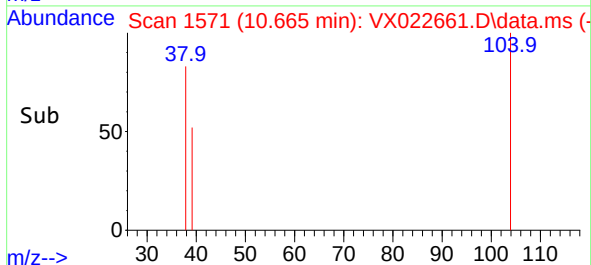
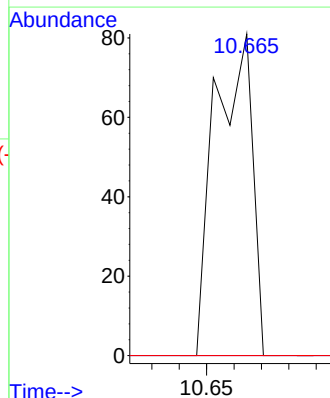
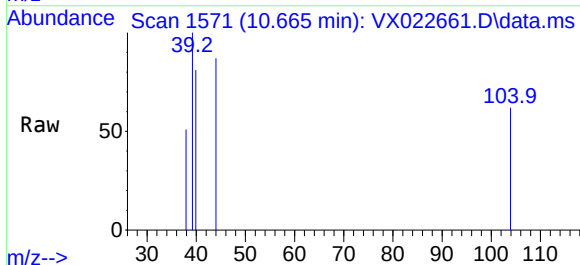
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

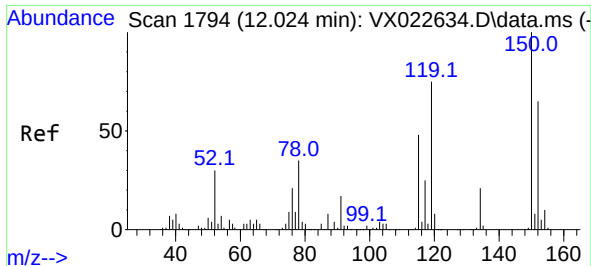
Tgt Ion:117 Resp: 102951
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.5 26.6 39.8



#70
Styrene
Concen: 1.483 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion:104 Resp: 76
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

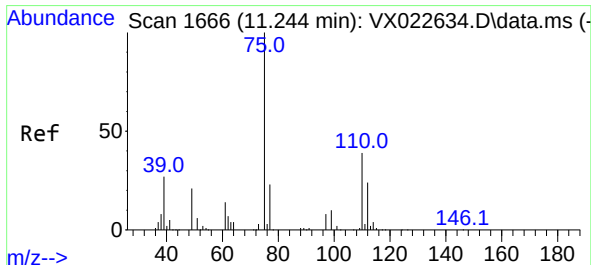
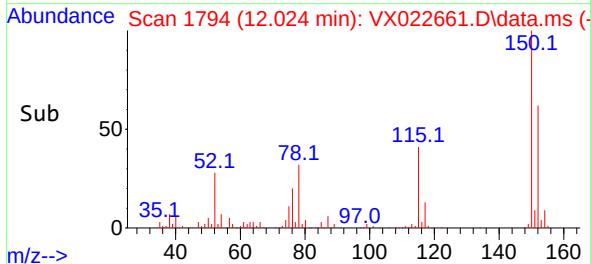
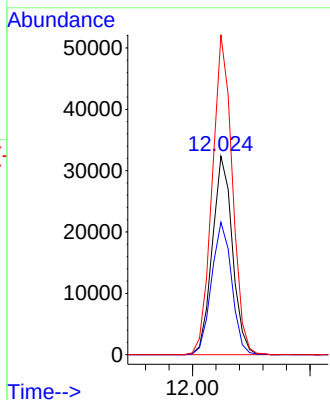
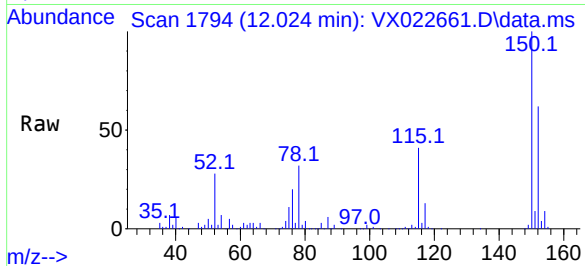




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

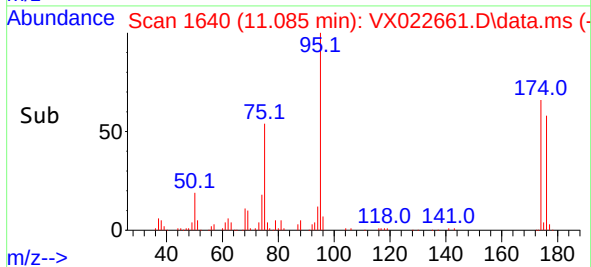
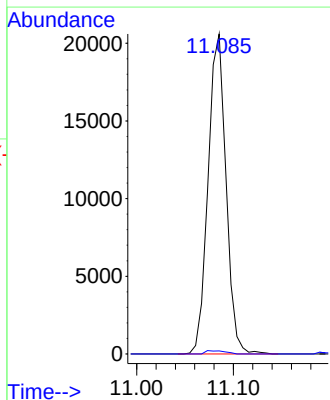
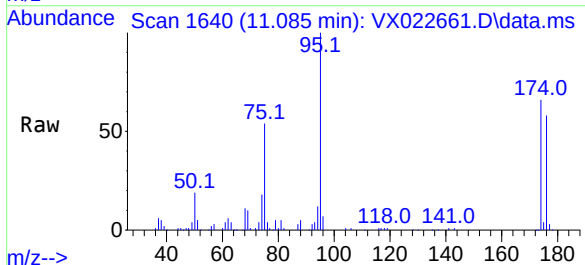
Instrument :
MSVOA_X
ClientSampleId :
PILOT-PLANT-PROCESS-BLEED

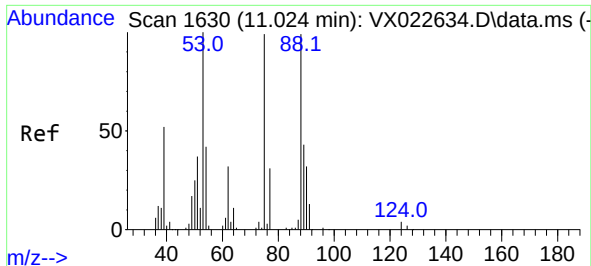
Tgt Ion:152 Resp: 38517
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 160.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.007 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 75 Resp: 26559
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

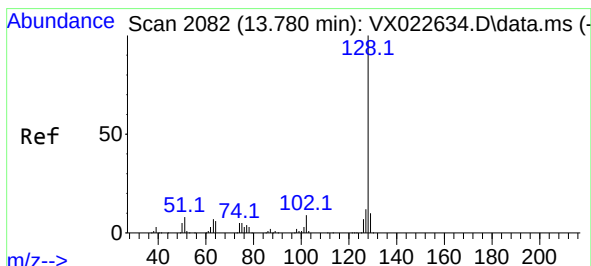
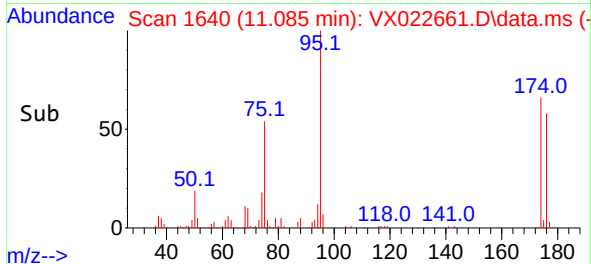
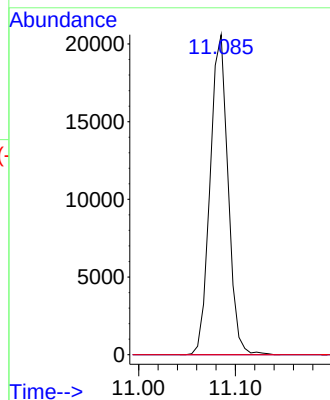
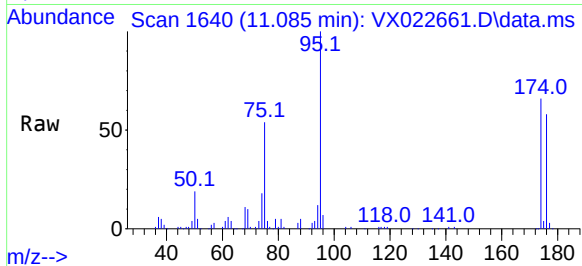




#81
trans-1,4-Dichloro-2-butene
Concen: 65.240 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

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

Tgt Ion: 75 Resp: 26559
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.597 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022661.D
Acq: 11 Jun 2021 12:47

Tgt Ion: 128 Resp: 413
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 6.1 8.8 13.2#

