

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021639.D
 Acq On : 30 Mar 2021 18:49
 Operator : JC/MD
 Sample : M1861-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 021-OUTFALL

Quant Time: Mar 31 05:01:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

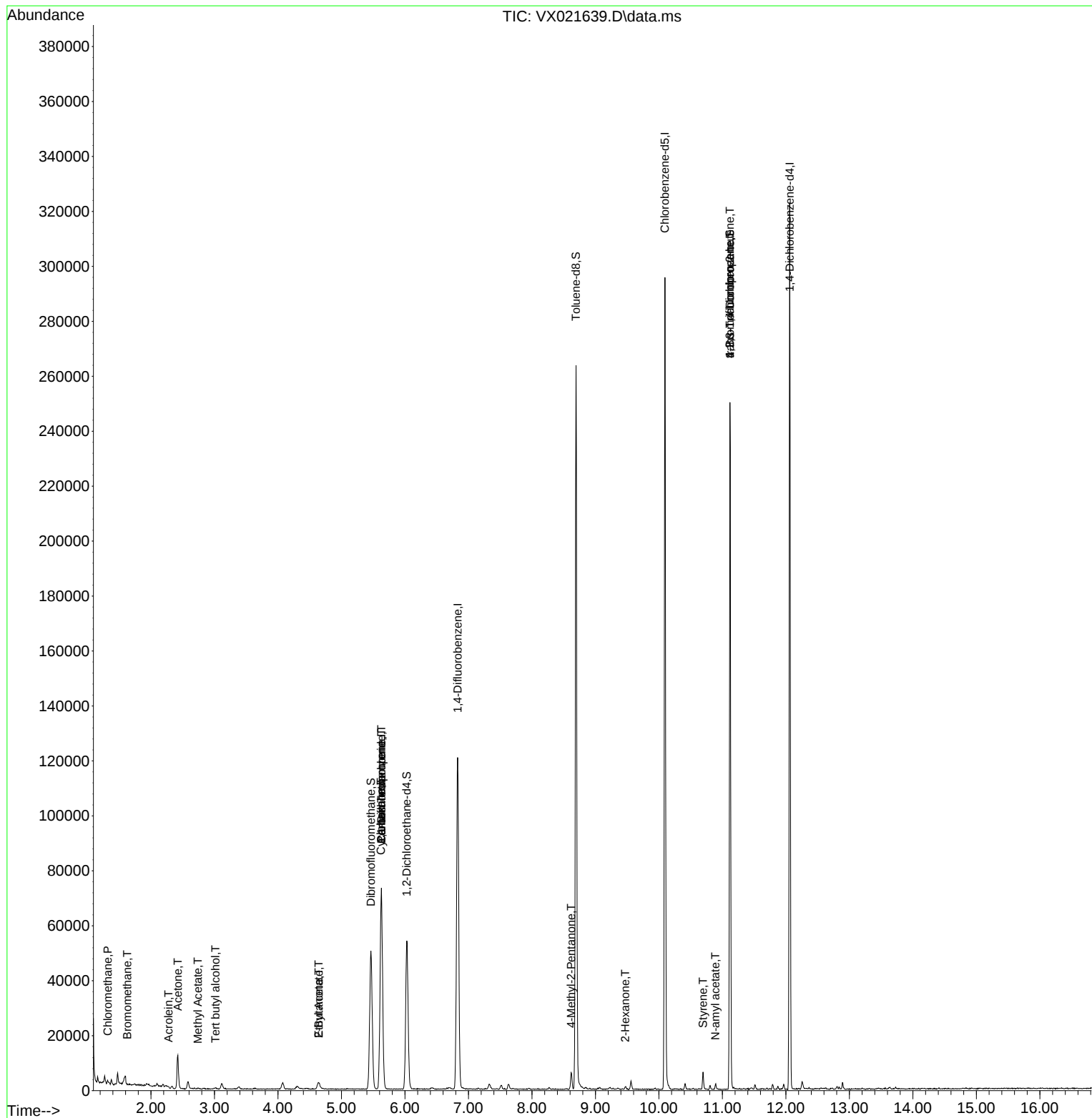
Internal Standards						
1) Pentafluorobenzene	5.629	168	61683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	54299	52.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.82%			
35) Dibromofluoromethane	5.464	113	41194	51.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.16%			
50) Toluene-d8	8.694	98	147808	51.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.88%			
62) 4-Bromofluorobenzene	11.118	95	62367	55.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.64%			
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1476	1.93	ug/l	96
5) Bromomethane	1.628	94	123	0.44	ug/l #	2
11) Tert butyl alcohol	3.017	59	461	2.72	ug/l #	73
13) Acrolein	2.275	56	329	8.08	ug/l #	43
16) Acetone	2.422	43	13037	33.60	ug/l	93
18) Methyl Acetate	2.740	43	303	0.27	ug/l #	47
25) 2-Butanone	4.640	43	4460	7.58	ug/l #	85
31) Cyclohexane	5.623	56	1777	1.57	ug/l #	3
36) 1,1-Dichloropropene	5.629	75	5578	5.01	ug/l #	49
37) Ethyl Acetate	4.640	43	4460	3.47	ug/l #	64
38) Carbon Tetrachloride	5.629	117	7095	5.94	ug/l #	16
51) 4-Methyl-2-Pentanone	8.617	43	3800	2.96	ug/l	87
59) 2-Hexanone	9.470	43	588	0.61	ug/l	76
70) Styrene	10.694	104	2228	0.84	ug/l #	90
74) N-amyl acetate	10.888	43	474	0.24	ug/l #	64
76) 1,2,3-Trichloropropane	11.118	75	35079	26.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	35079	79.59	ug/l #	12

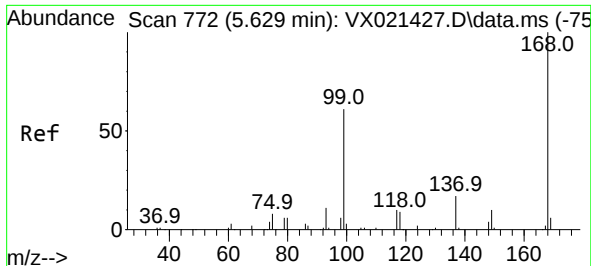
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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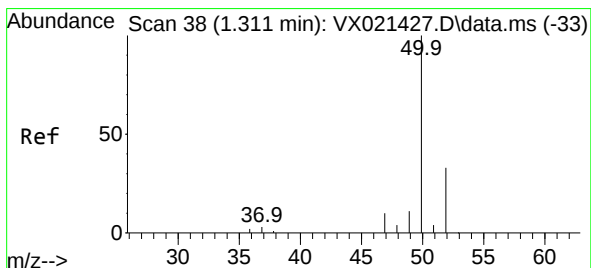
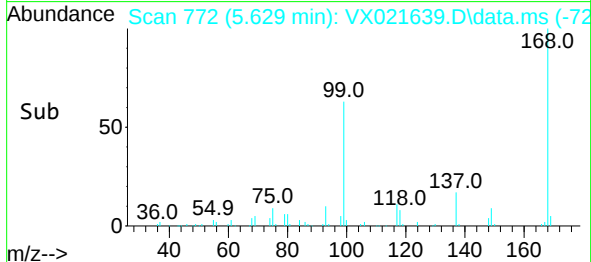
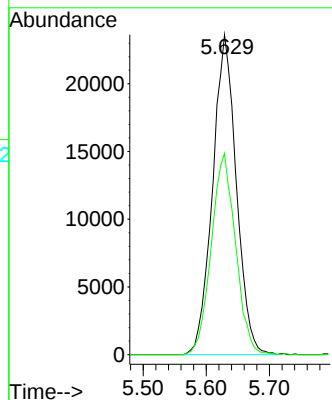
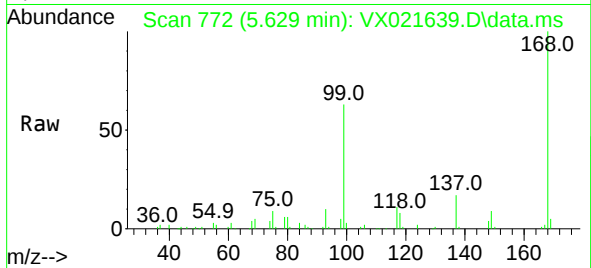




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

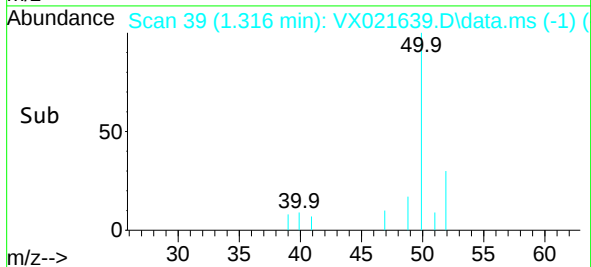
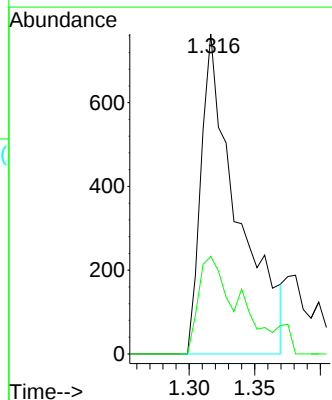
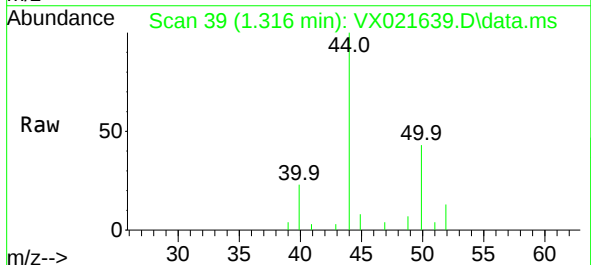
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

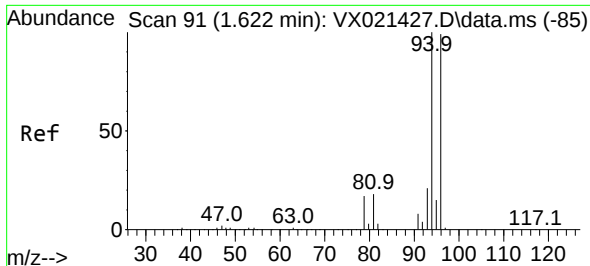
Tgt Ion:168 Resp: 61683
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 1.93 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 50 Resp: 1476
Ion Ratio Lower Upper
50 100
52 30.5 26.4 39.6

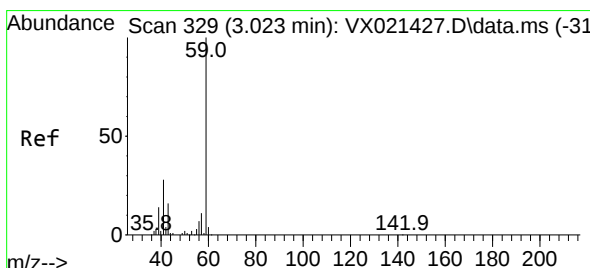
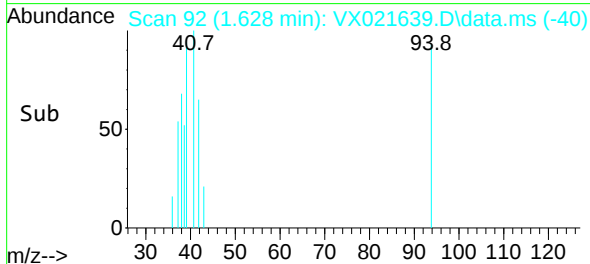
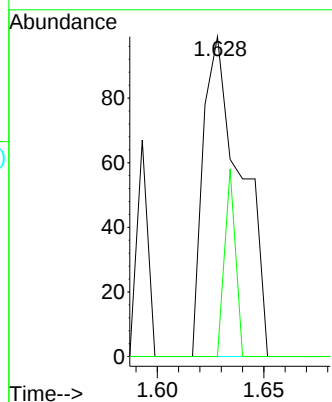
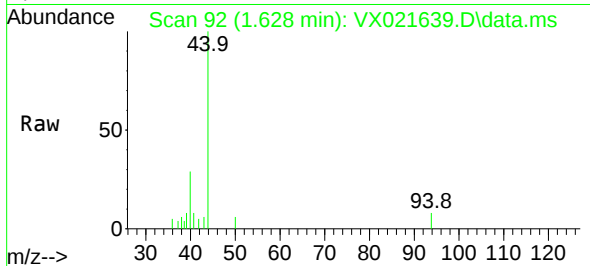




#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

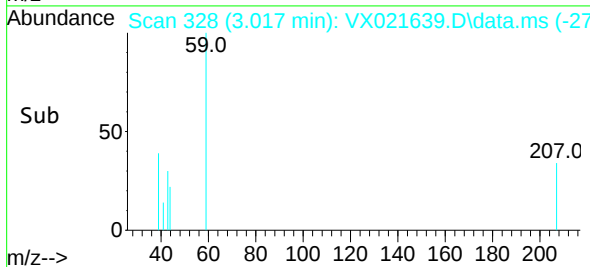
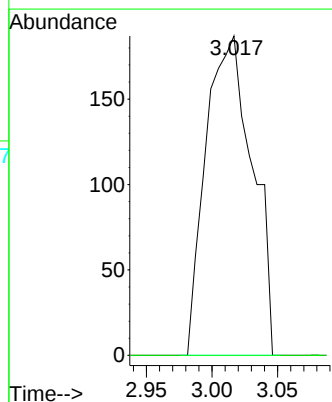
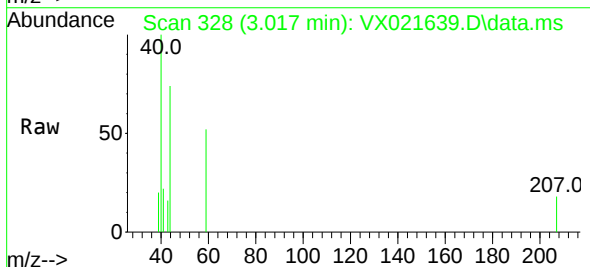
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

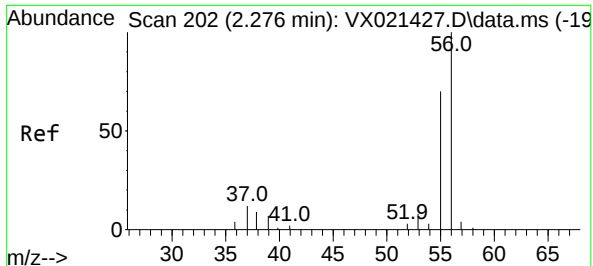
Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 2.72 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 59 Resp: 461
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

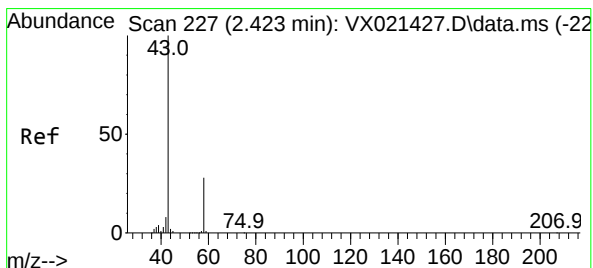
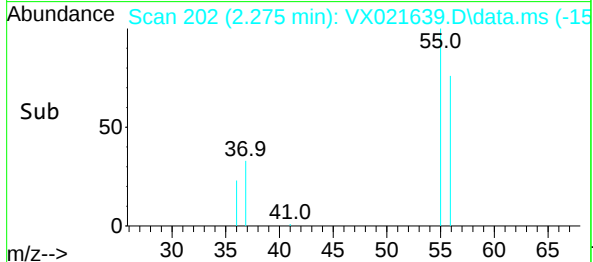
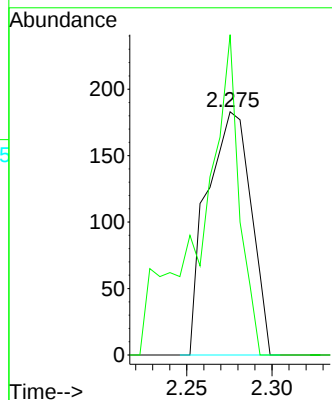
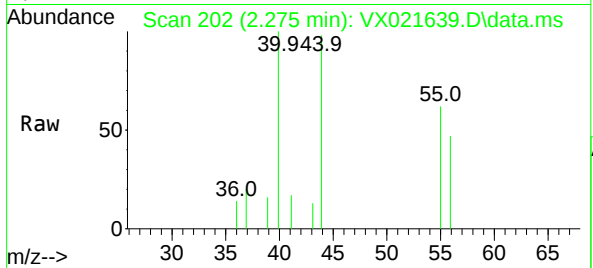




#13
Acrolein
Concen: 8.08 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

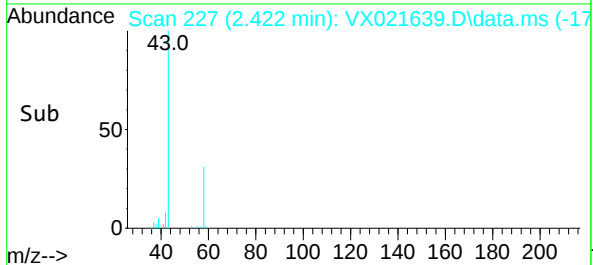
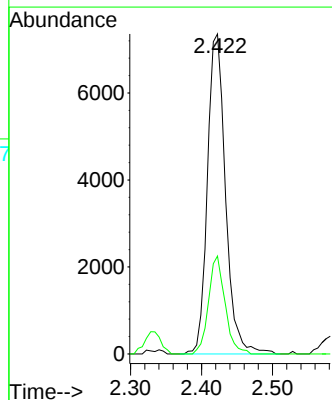
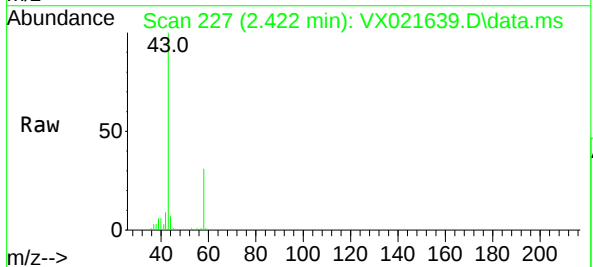
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

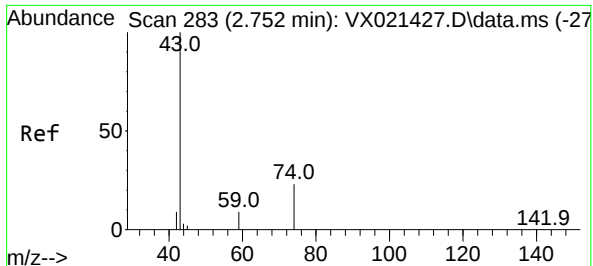
Tgt Ion: 56 Resp: 329
Ion Ratio Lower Upper
56 100
55 117.3 56.4 84.6#



#16
Acetone
Concen: 33.60 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 43 Resp: 13037
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8





#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 2.740 min Scan# 281

Delta R.T. -0.012 min

Lab File: VX021639.D

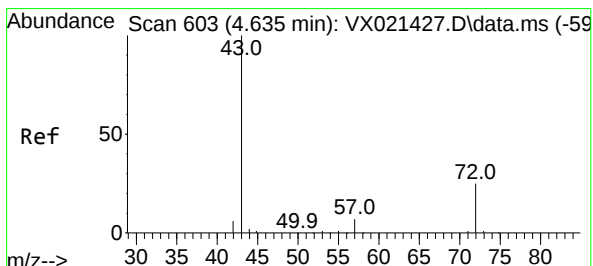
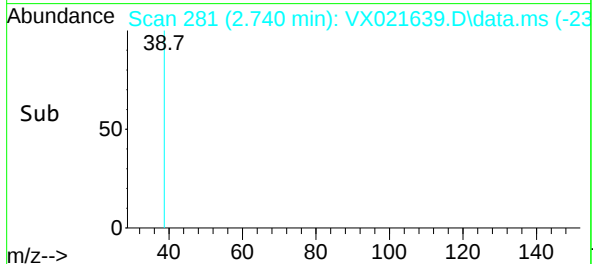
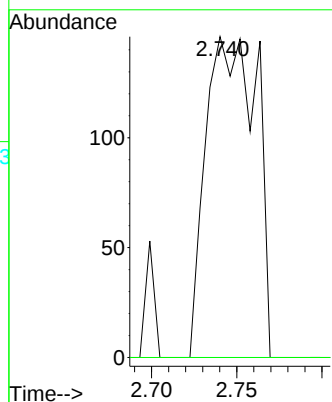
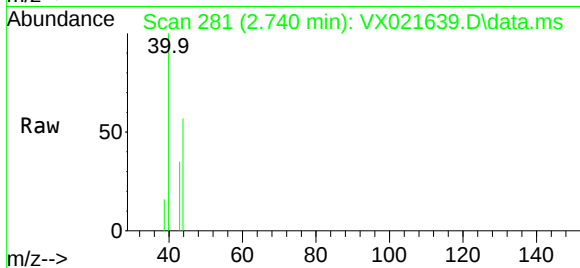
Acq: 30 Mar 2021 18:49

Tgt Ion: 43 Resp: 303

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#25

2-Butanone

Concen: 7.58 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.005 min

Lab File: VX021639.D

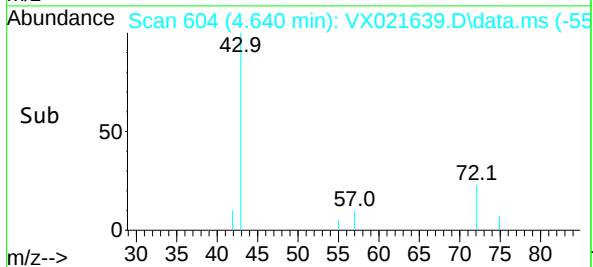
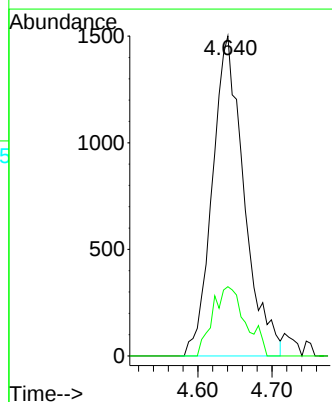
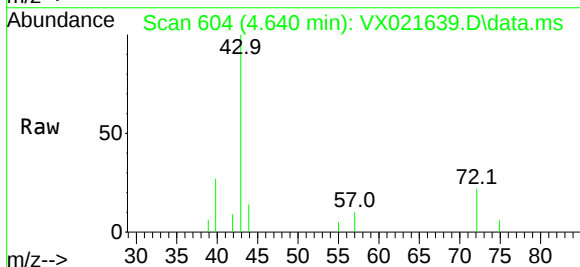
Acq: 30 Mar 2021 18:49

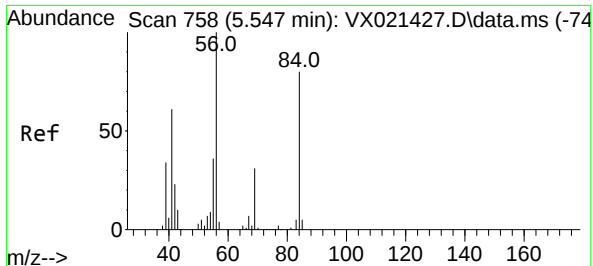
Tgt Ion: 43 Resp: 4460

Ion Ratio Lower Upper

43 100

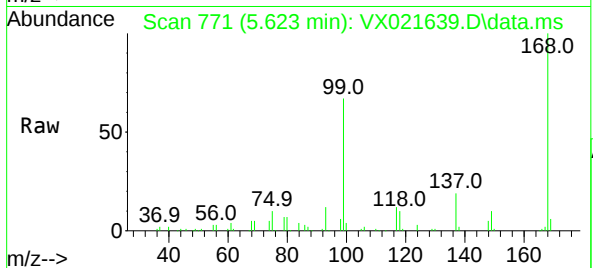
72 21.7 23.7 35.5#



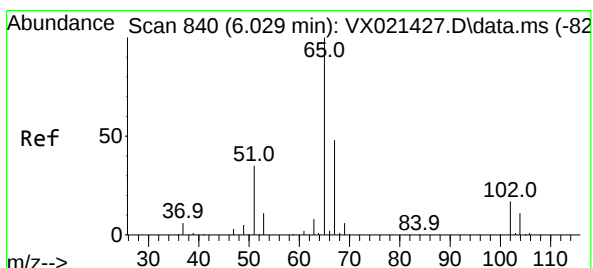
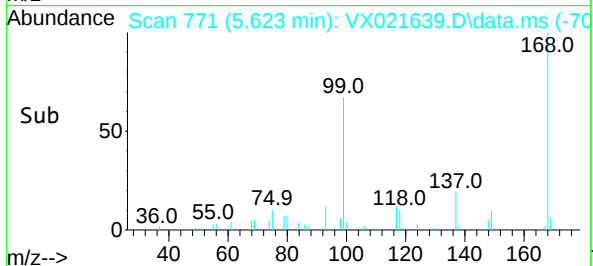
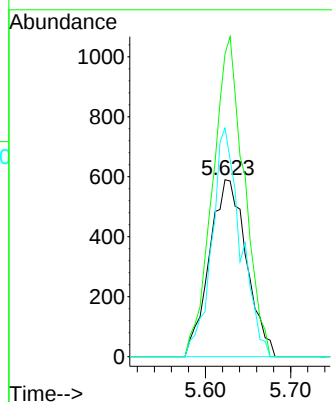


#31
Cyclohexane
Concen: 1.57 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Instrument :
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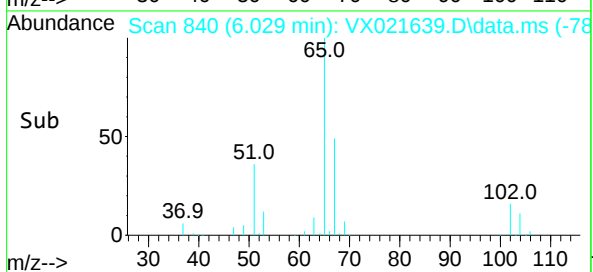
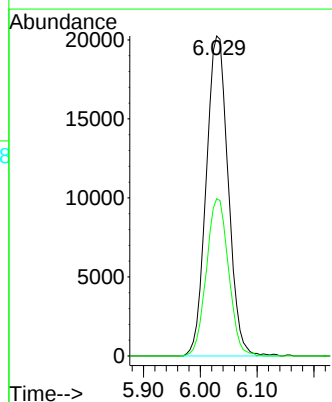
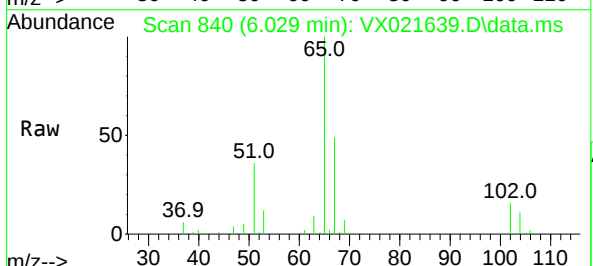


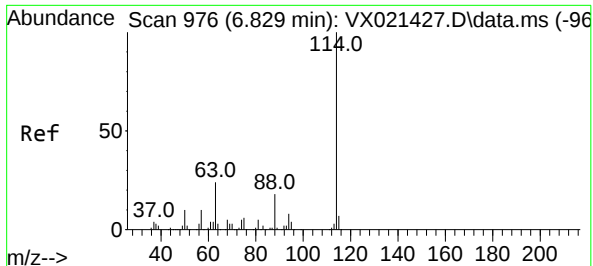
Tgt Ion: 56 Resp: 1777
Ion Ratio Lower Upper
56 100
69 171.2 25.3 37.9#
84 129.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.91 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 65 Resp: 54299
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021639.D

Acq: 30 Mar 2021 18:49

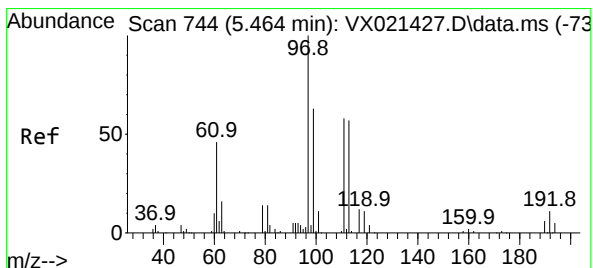
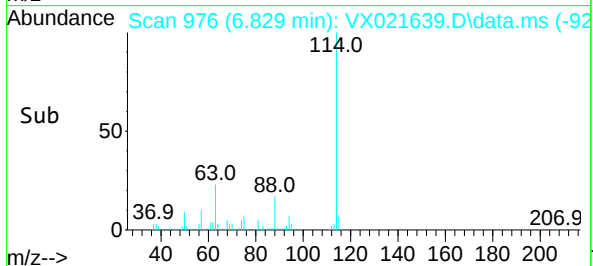
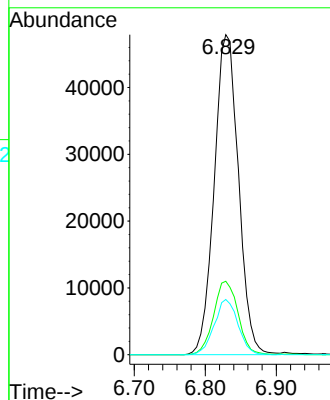
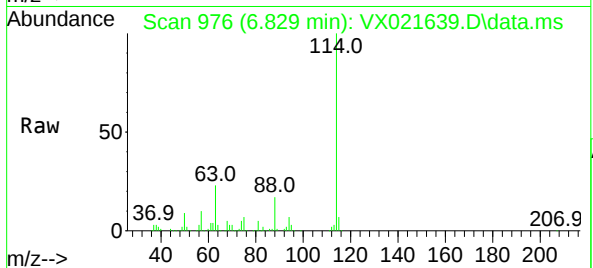
Tgt Ion:114 Resp: 113527

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.8

88 17.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.08 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021639.D

Acq: 30 Mar 2021 18:49

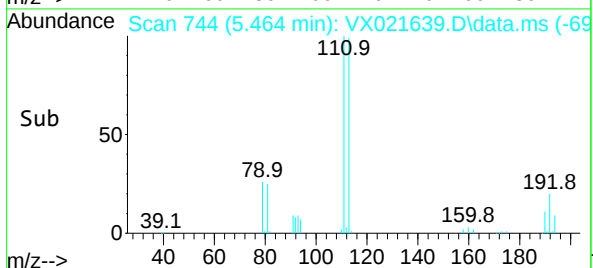
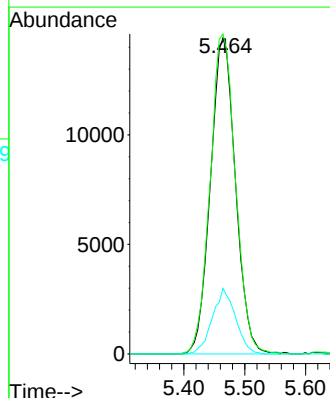
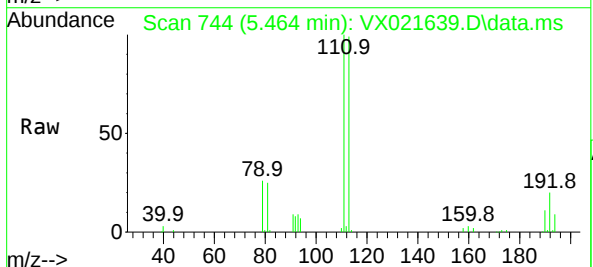
Tgt Ion:113 Resp: 41194

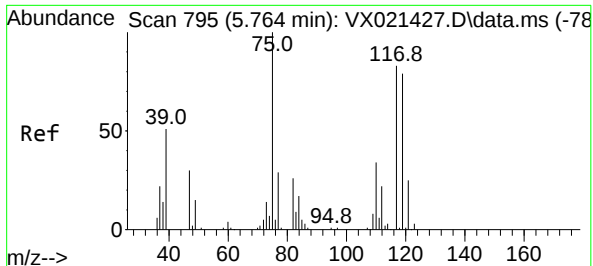
Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.01 ug/l

RT: 5.629 min Scan# 772

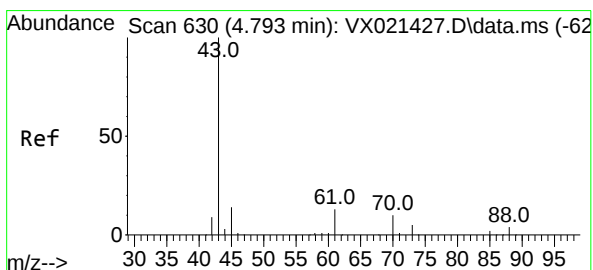
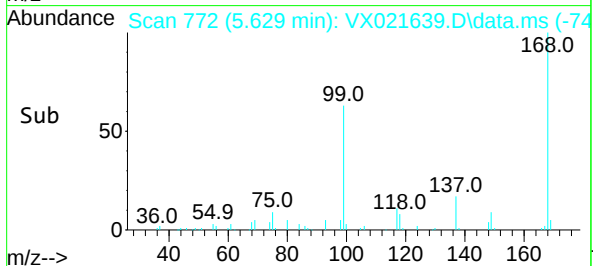
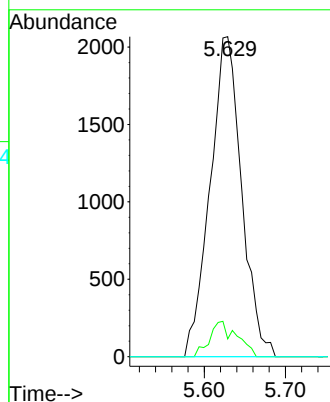
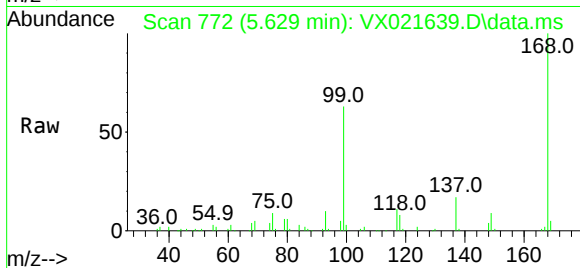
Delta R.T. -0.135 min

Lab File: VX021639.D

Acq: 30 Mar 2021 18:49

Tgt Ion:	75	Resp:	5578
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
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#37

Ethyl Acetate

Concen: 3.47 ug/l

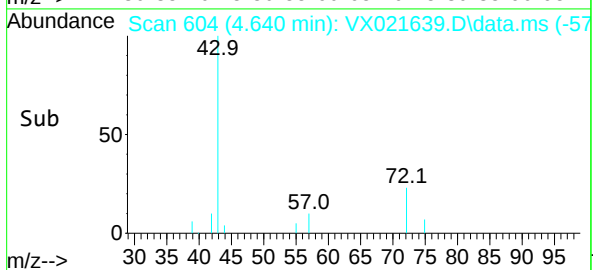
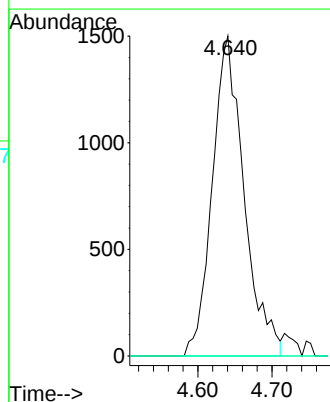
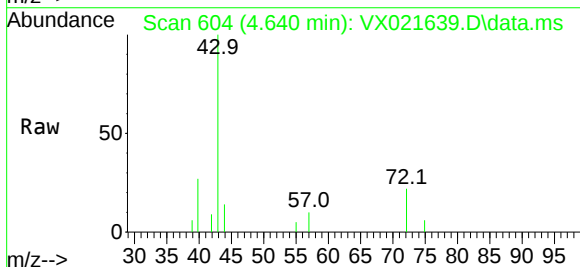
RT: 4.640 min Scan# 604

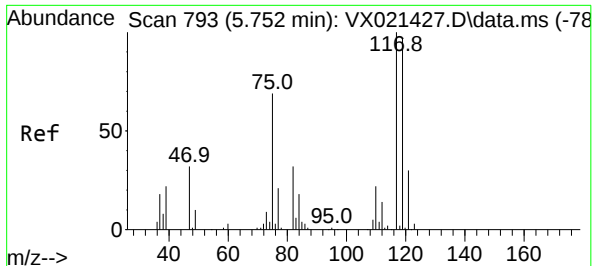
Delta R.T. -0.153 min

Lab File: VX021639.D

Acq: 30 Mar 2021 18:49

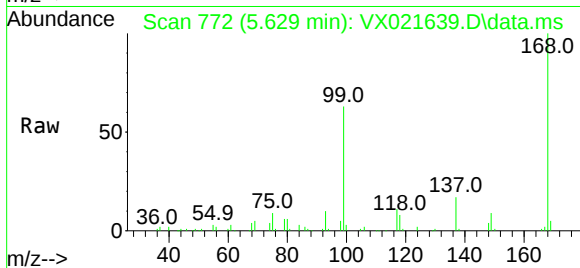
Tgt Ion:	43	Resp:	4460
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



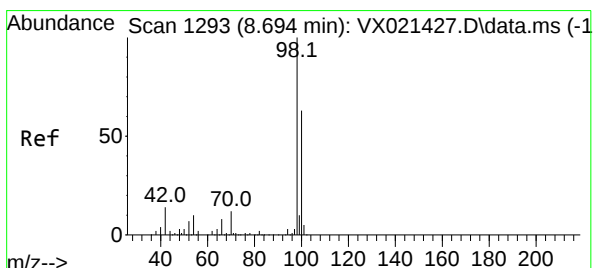
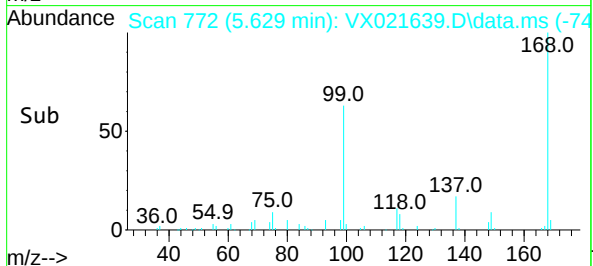
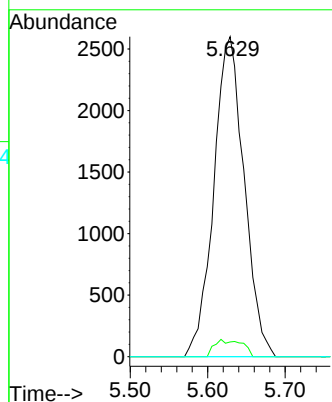


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

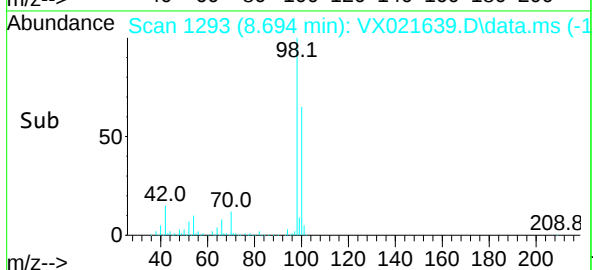
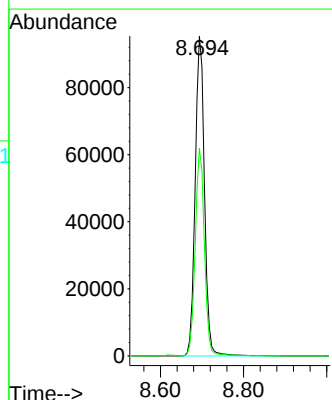
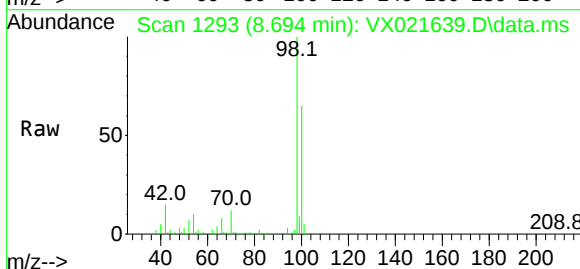


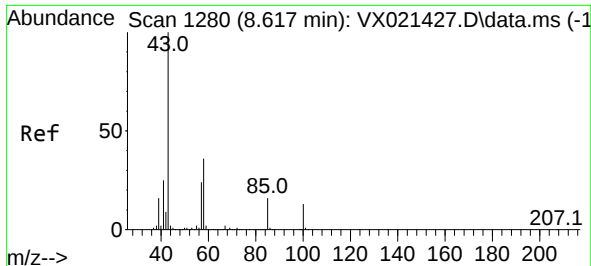
Tgt Ion:117 Resp: 7095
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.44 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 98 Resp: 147808
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

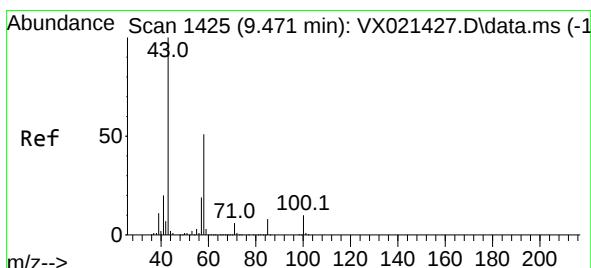
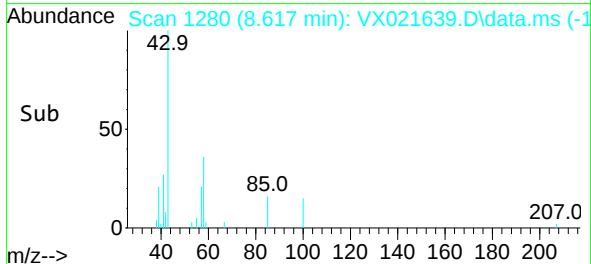
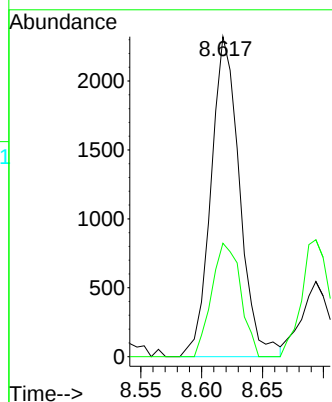
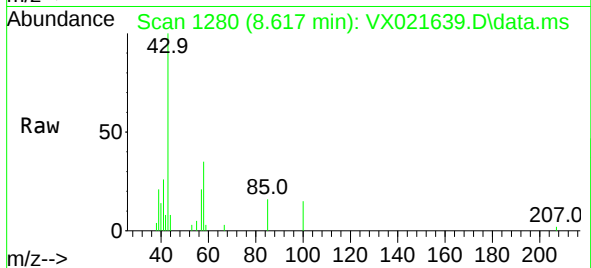




#51
4-Methyl-2-Pentanone
Concen: 2.96 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

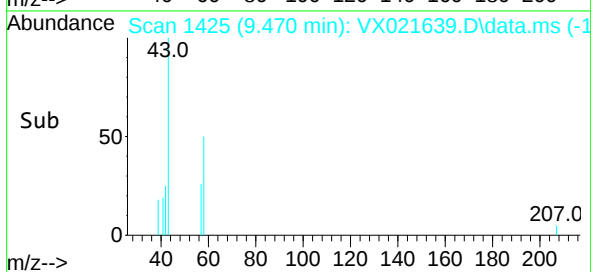
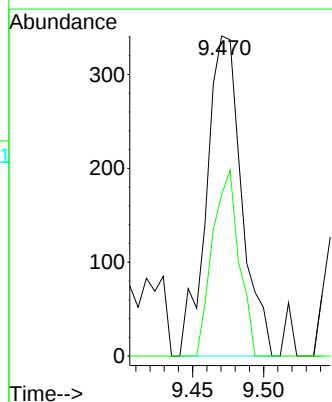
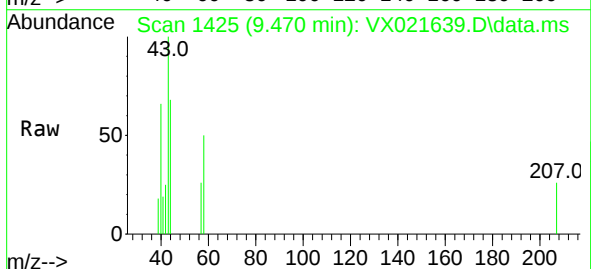
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

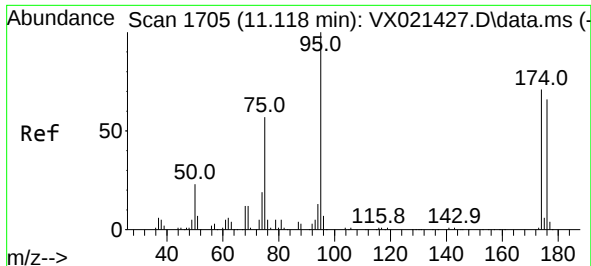
Tgt Ion: 43 Resp: 3800
Ion Ratio Lower Upper
43 100
58 35.8 35.4 53.0



#59
2-Hexanone
Concen: 0.61 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. -0.001 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 43.7 30.9 92.8

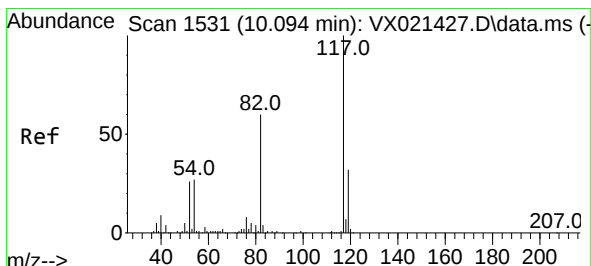
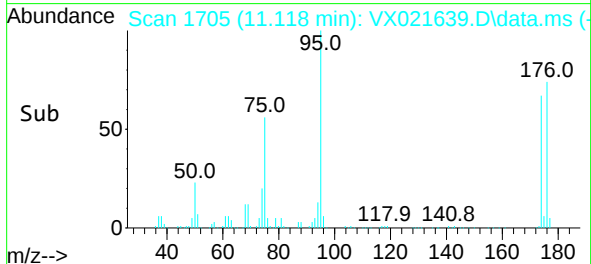
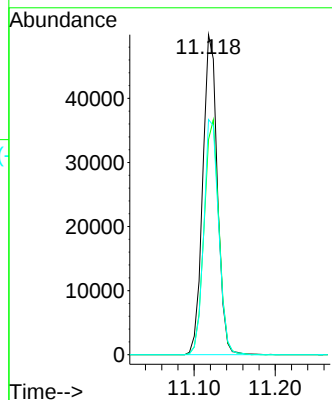
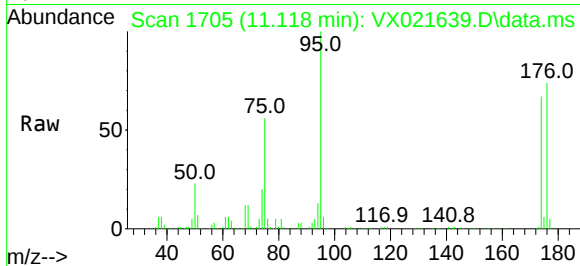




#62
4-Bromofluorobenzene
Concen: 55.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

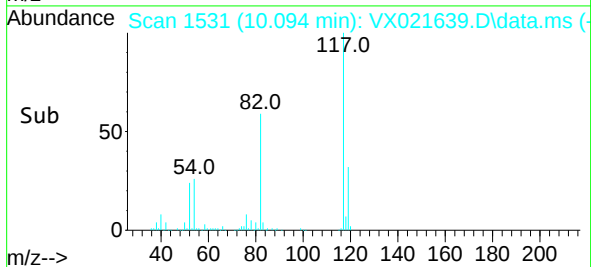
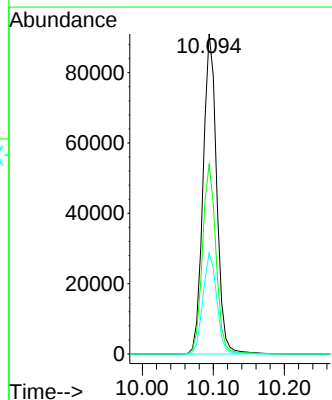
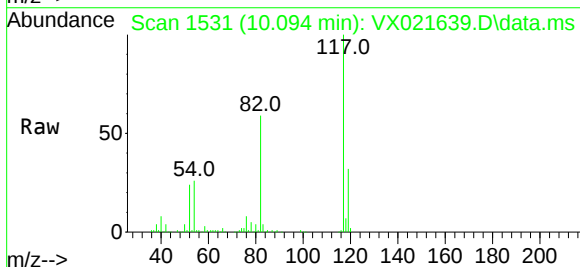
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

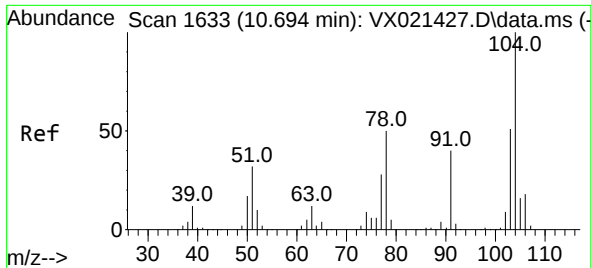
Tgt Ion: 95 Resp: 62367
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion: 117 Resp: 121569
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.6 26.6 39.8

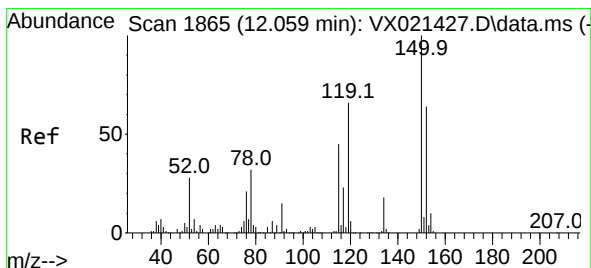
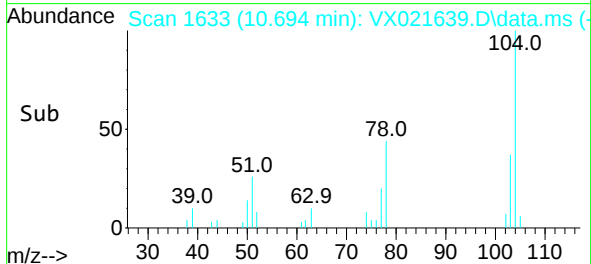
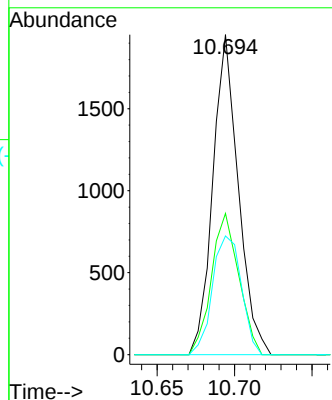
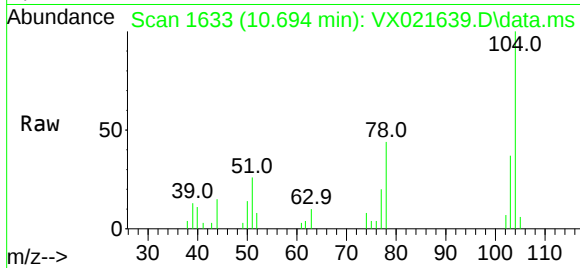




#70
Styrene
Concen: 0.84 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

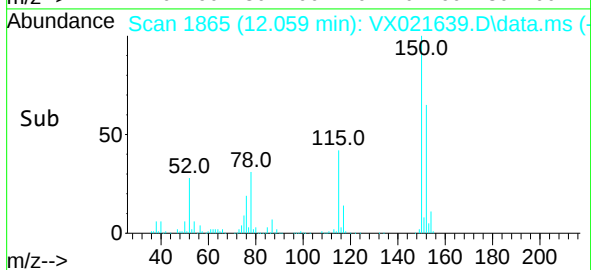
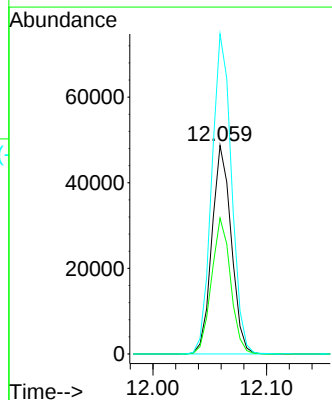
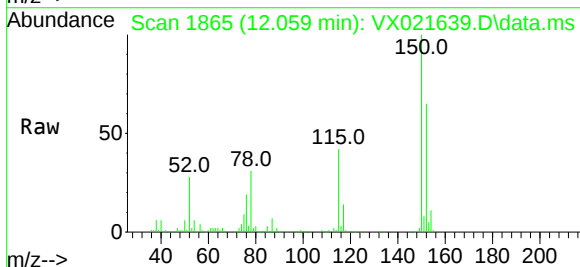
Instrument :
MSVOA_X
ClientSampleId :
021-OUTFALL

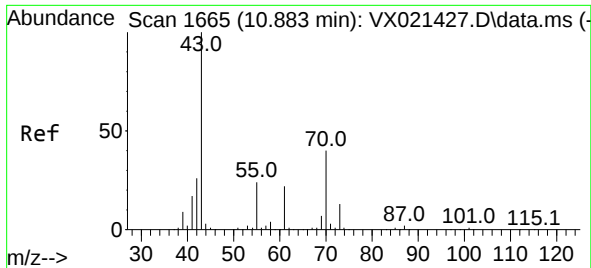
Tgt Ion:104 Resp: 2228
Ion Ratio Lower Upper
104 100
78 47.6 40.0 60.0
103 42.1 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

Tgt Ion:152 Resp: 57668
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 156.6 0.0 349.0

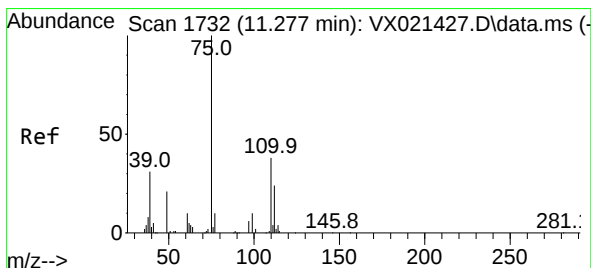
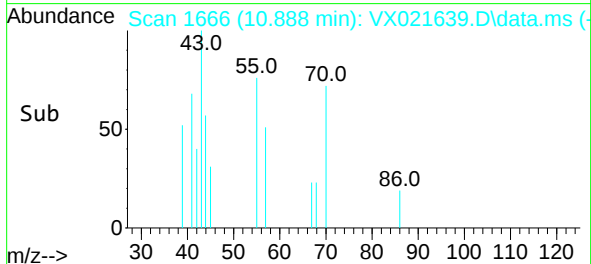
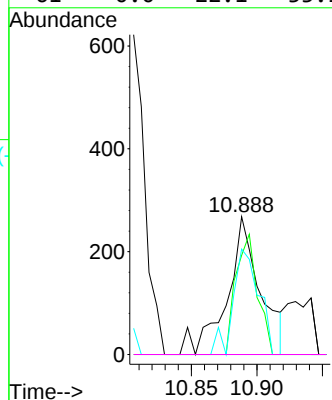
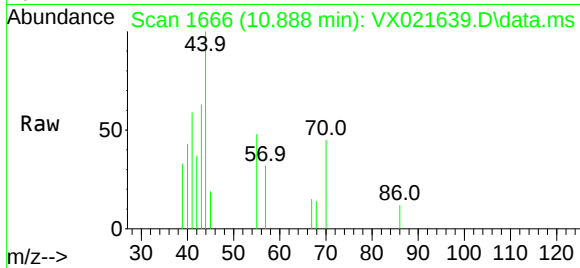




#74
N-amy1 acetate
Concen: 0.24 ug/l
RT: 10.888 min Scan# 1666
Delta R.T. 0.005 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

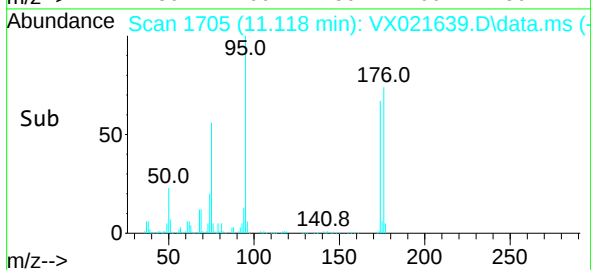
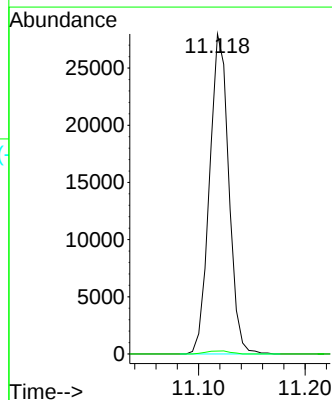
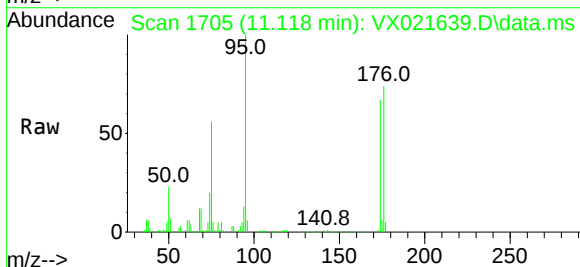
Instrument :
MSVOA_X
ClientSampled :
021-OUTFALL

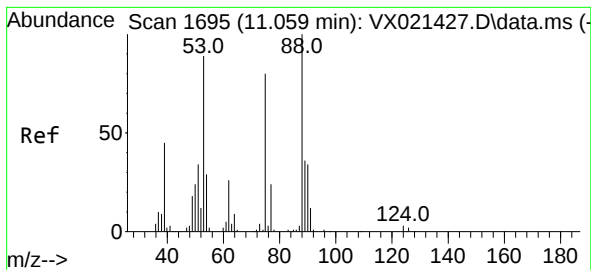
Tgt Ion: 43	Resp: 474
Ion Ratio	Lower Upper
43 100	
70 56.8	39.0 58.6
55 58.6	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021639.D
Acq: 30 Mar 2021 18:49

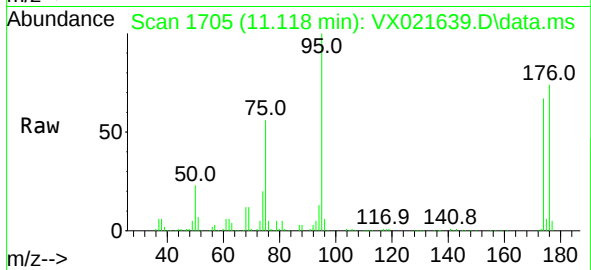
Tgt Ion: 75	Resp: 35079
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.59 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021639.D
 Acq: 30 Mar 2021 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 021-OUTFALL



Tgt Ion: 75 Resp: 35079
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

