

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021072.D
 Acq On : 08 Mar 2021 19:21
 Operator : JC/MD
 Sample : M1596-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-DITCH-OUT-20210305

Quant Time: Mar 09 01:09:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

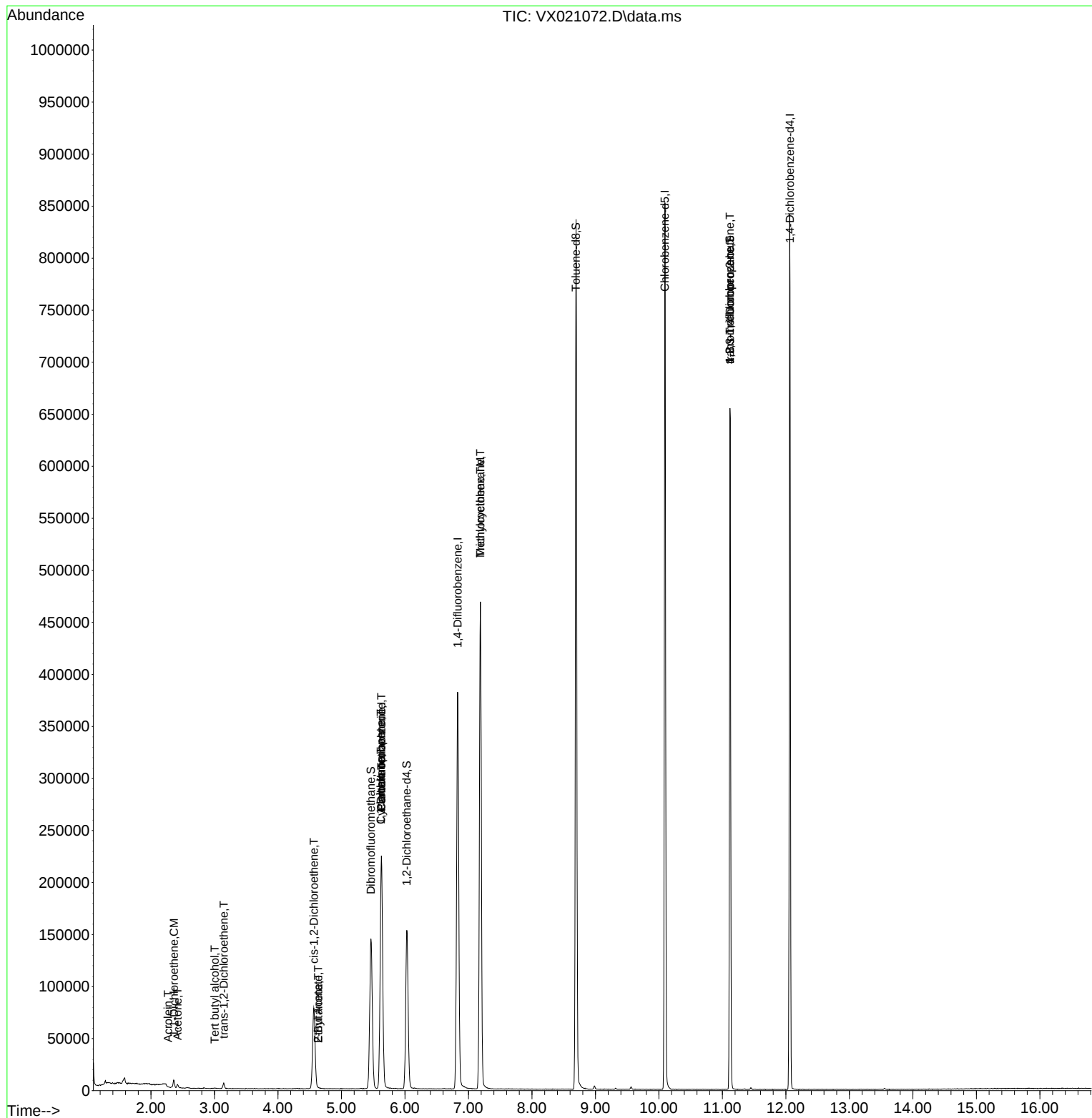
Internal Standards						
1) Pentafluorobenzene	5.629	168	220597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	406276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	392656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	181829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	145121	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	5.464	113	127621	51.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.40%		
50) Toluene-d8	8.694	98	496766	51.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.22%		
62) 4-Bromofluorobenzene	11.118	95	188760	53.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.08%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	169	Below Cal	#	60
11) Tert butyl alcohol	3.005	59	590	0.89 ug/l	#	73
12) 1,1-Dichloroethene	2.364	96	2338	0.95 ug/l		88
13) Acrolein	2.270	56	148	0.36 ug/l	#	21
16) Acetone	2.417	43	3323	2.71 ug/l		99
21) trans-1,2-Dichloroethene	3.146	96	2123	0.77 ug/l		95
25) 2-Butanone	4.635	43	1320	0.71 ug/l		94
27) cis-1,2-Dichloroethene	4.564	96	53194	16.65 ug/l		88
31) Cyclohexane	5.623	56	4256	0.99 ug/l	#	1
36) 1,1-Dichloropropene	5.623	75	16309	4.22 ug/l	#	48
37) Ethyl Acetate	4.635	43	1320	0.36 ug/l	#	64
38) Carbon Tetrachloride	5.629	117	20867	5.58 ug/l	#	16
39) Methylcyclohexane	7.188	83	2125	0.44 ug/l	#	1
44) Trichloroethene	7.188	130	189536	62.28 ug/l		97
76) 1,2,3-Trichloropropane	11.118	75	90804	23.21 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	90804	51.40 ug/l	#	12

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

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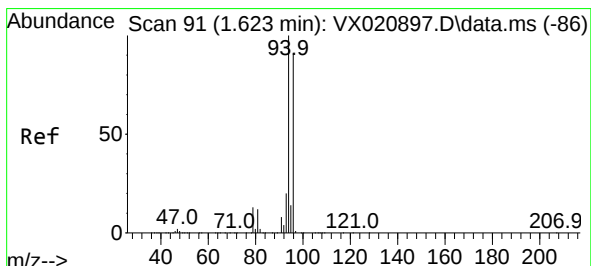
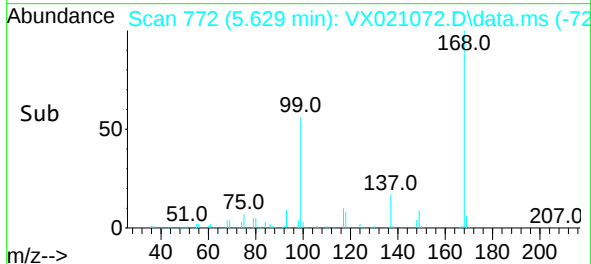
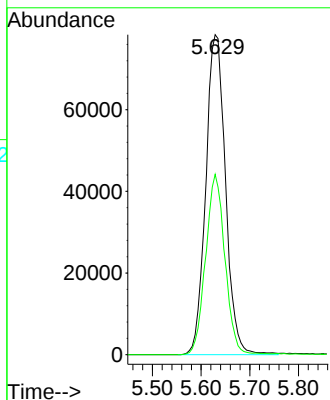
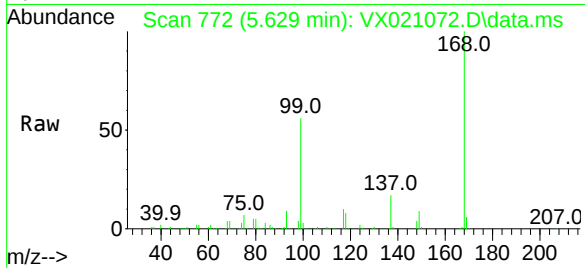




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

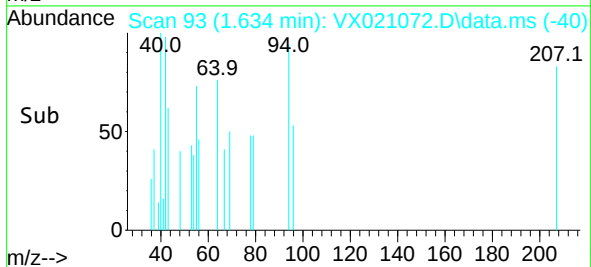
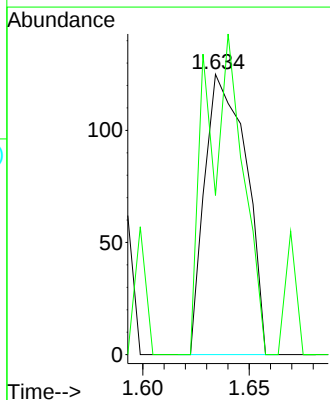
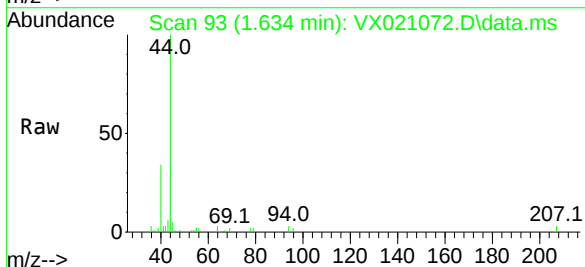
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

Tgt Ion:168 Resp: 220597
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

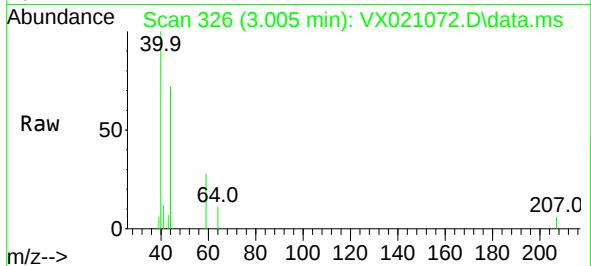
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 56.8 76.4 114.6#



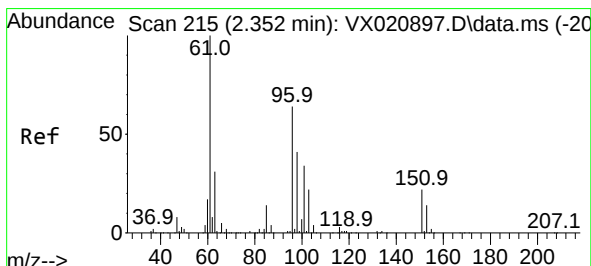
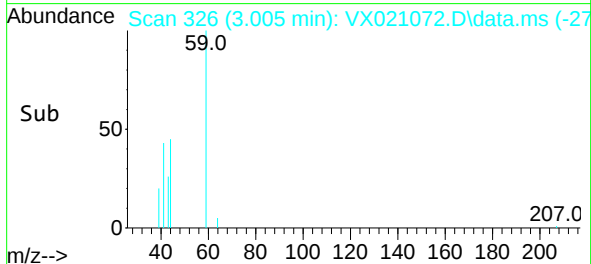
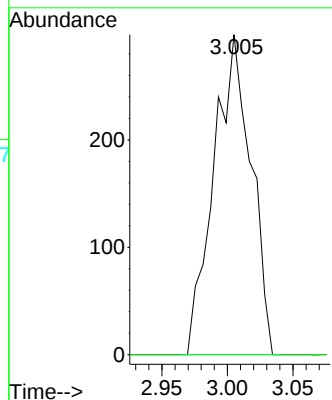


#11
Tert butyl alcohol
Concen: 0.89 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

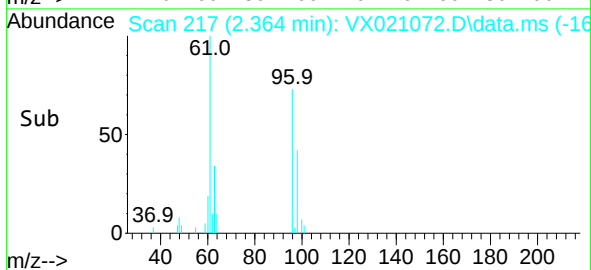
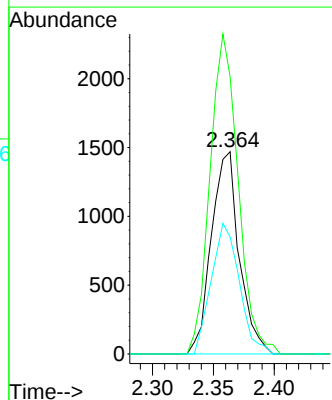
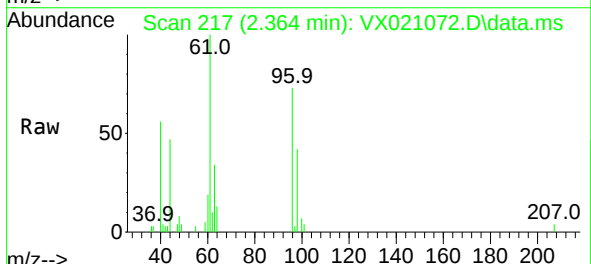


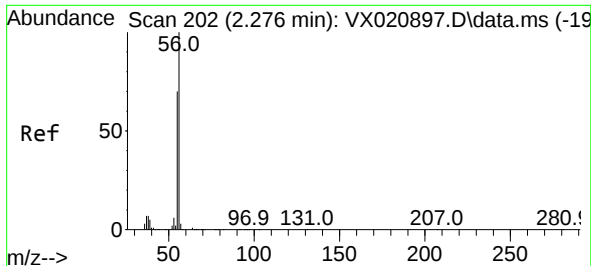
Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.95 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion: 96 Resp: 2338
Ion Ratio Lower Upper
96 100
61 137.1 124.6 187.0
98 57.9 50.6 76.0

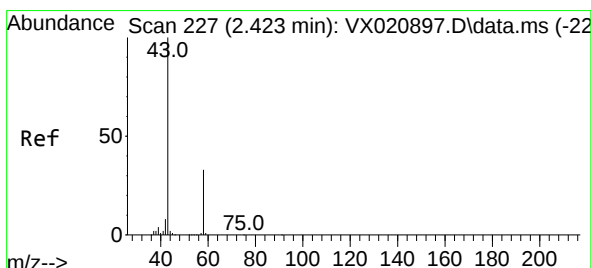
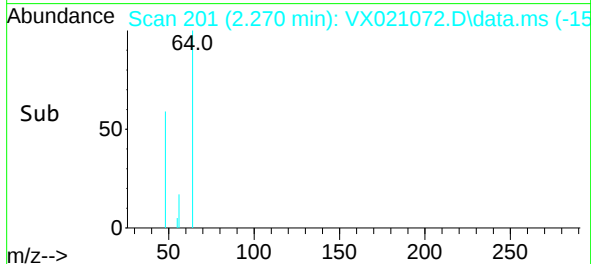
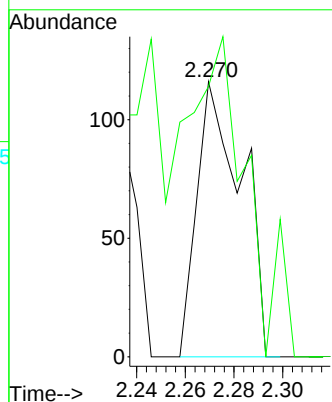
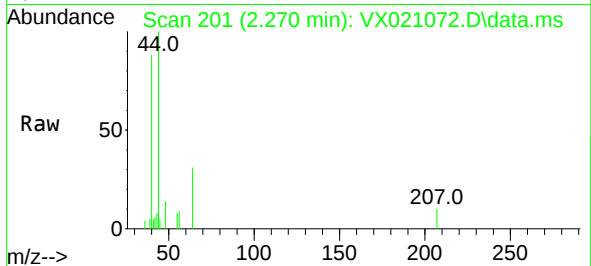




#13
Acrolein
Concen: 0.36 ug/l
RT: 2.270 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

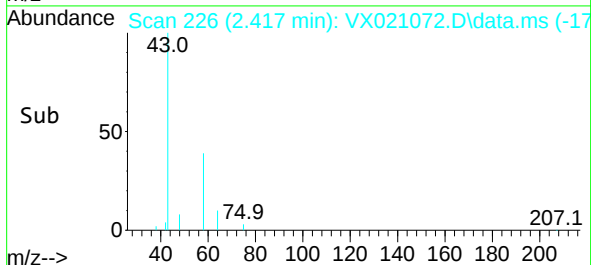
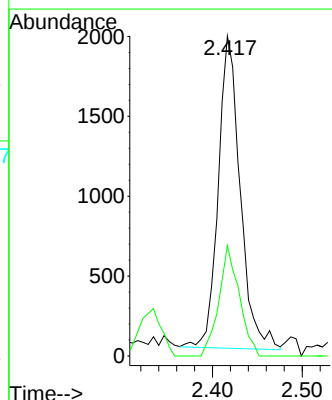
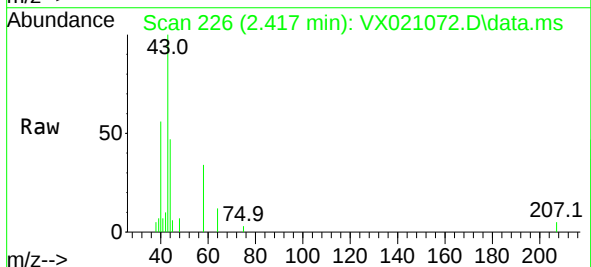
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

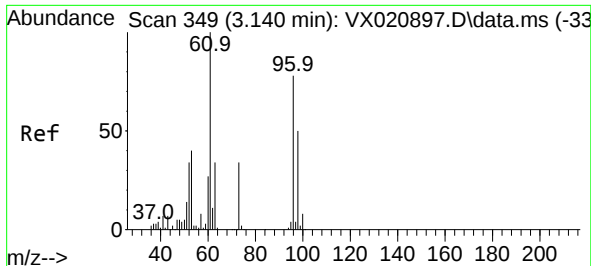
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 135.8 56.4 84.6#



#16
Acetone
Concen: 2.71 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion: 43 Resp: 3323
Ion Ratio Lower Upper
43 100
58 35.5 27.8 41.8

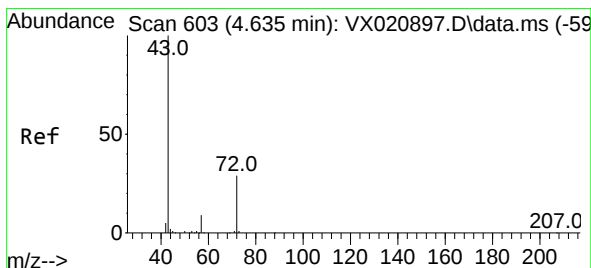
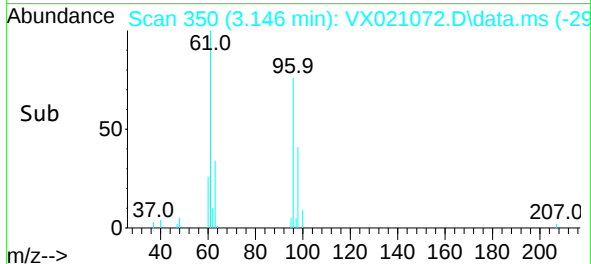
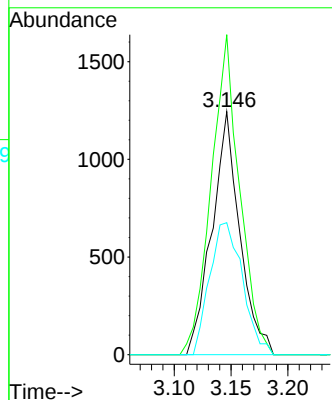
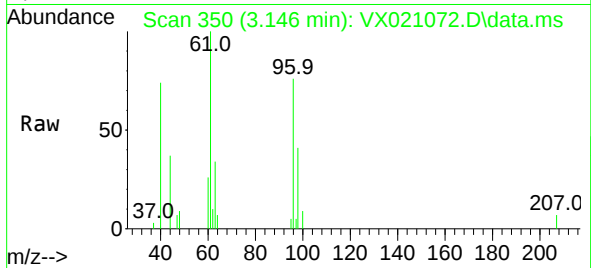




#21
trans-1,2-Dichloroethene
Concen: 0.77 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

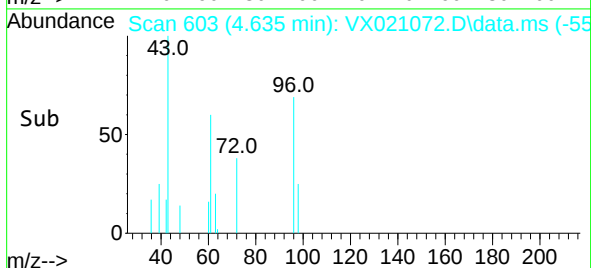
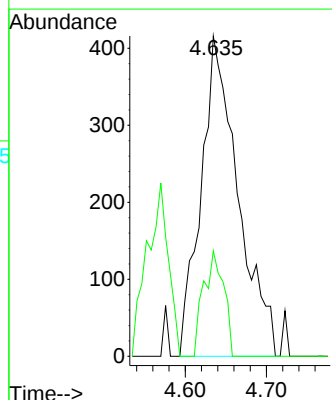
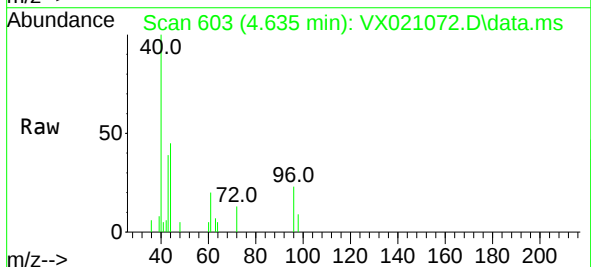
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

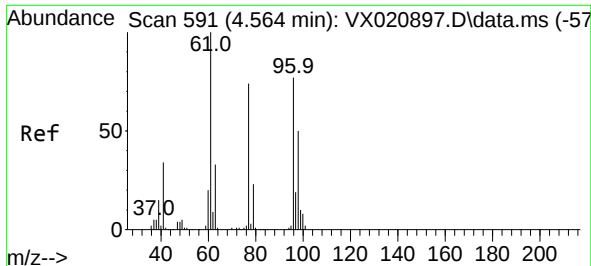
Tgt Ion: 96 Resp: 2123
Ion Ratio Lower Upper
96 100
61 131.7 107.7 161.5
98 54.3 50.4 75.6



#25
2-Butanone
Concen: 0.71 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
72 32.9 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 16.65 ug/l

RT: 4.564 min Scan# 591

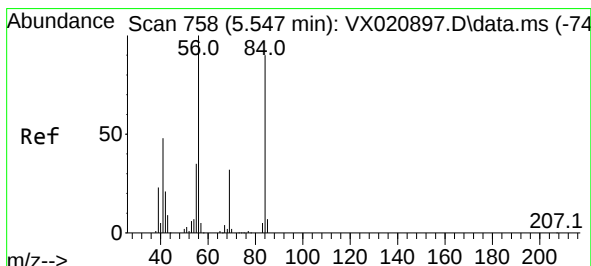
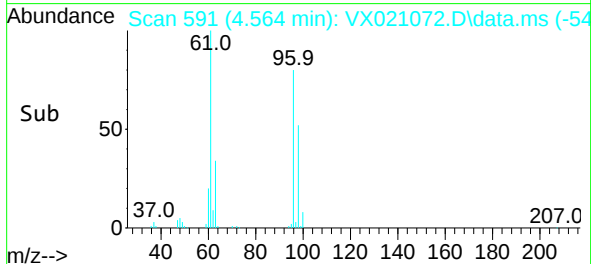
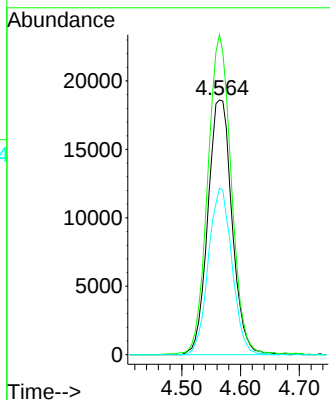
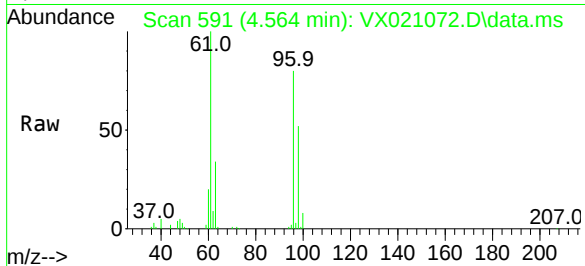
Delta R.T. -0.000 min

Lab File: VX021072.D

Acq: 08 Mar 2021 19:21

Tgt Ion:	96	Resp:	53194
Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	285.6
98	63.8	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305



#31

Cyclohexane

Concen: 0.99 ug/l

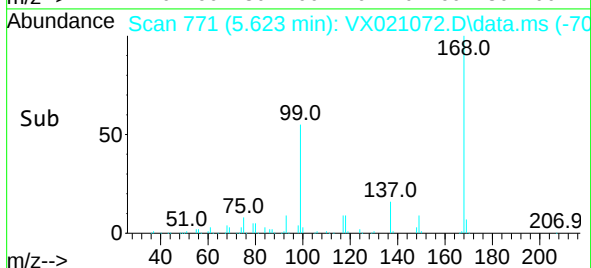
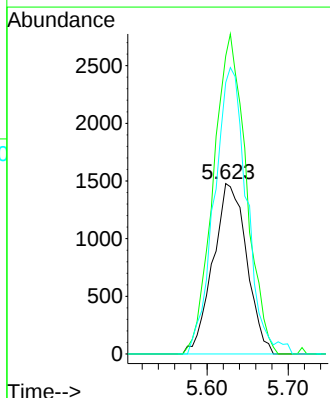
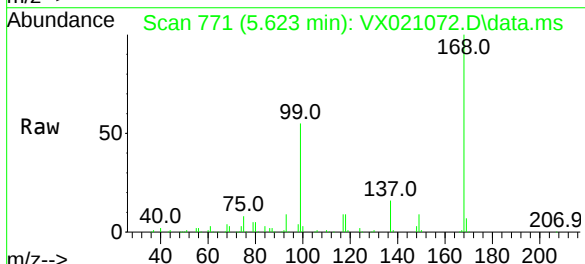
RT: 5.623 min Scan# 771

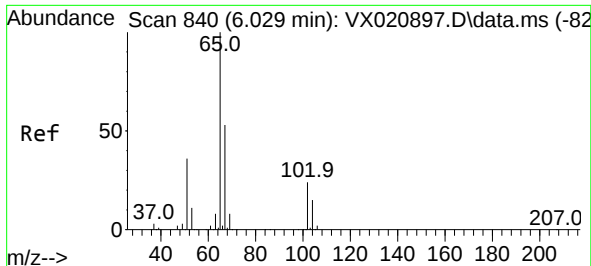
Delta R.T. 0.076 min

Lab File: VX021072.D

Acq: 08 Mar 2021 19:21

Tgt Ion:	56	Resp:	4256
Ion	Ratio	Lower	Upper
56	100		
69	174.8	25.3	37.9#
84	159.2	71.4	107.0#

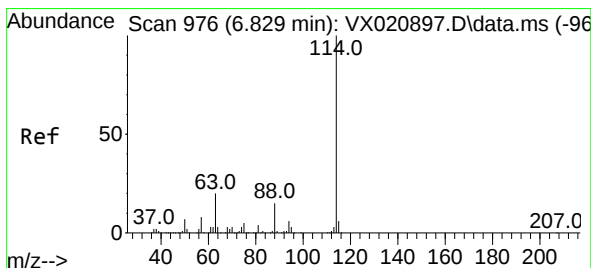
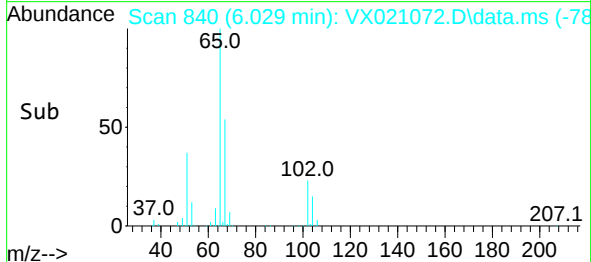
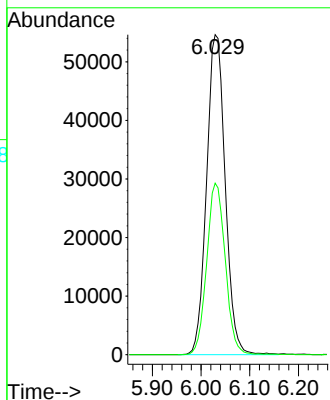
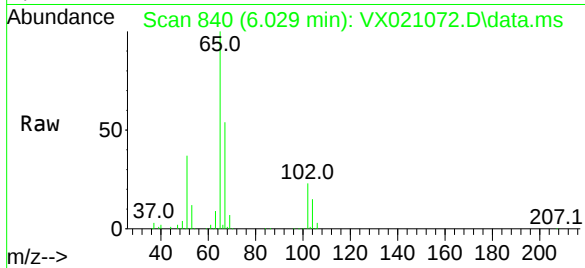




#33
 1,2-Dichloroethane-d4
 Concen: 48.70 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021072.D
 Acq: 08 Mar 2021 19:21

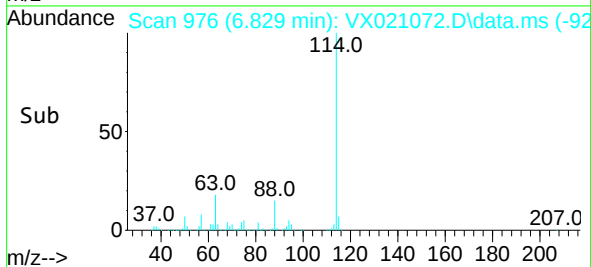
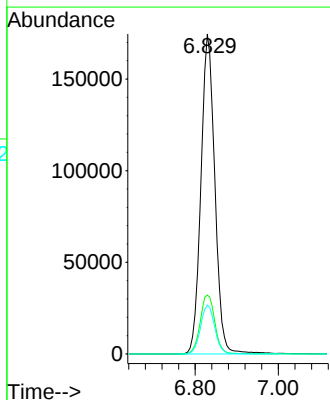
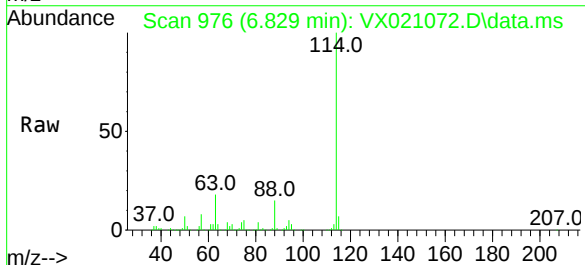
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 WEST-DITCH-OUT-20210305

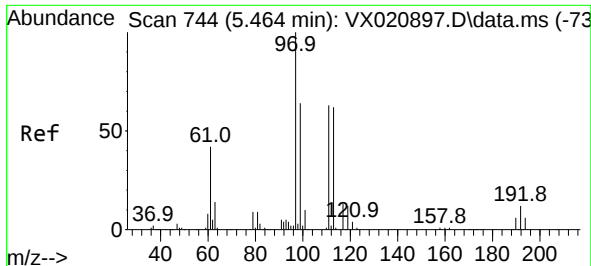
Tgt Ion: 65 Resp: 145121
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021072.D
 Acq: 08 Mar 2021 19:21

Tgt Ion: 114 Resp: 406276
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.8
 88 15.3 0.0 32.8

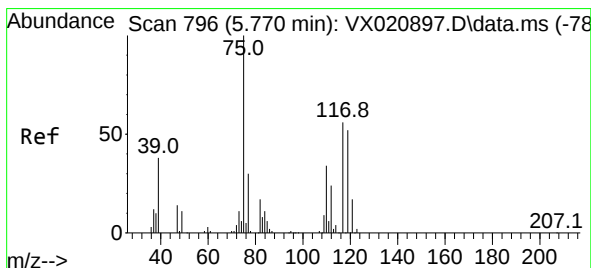
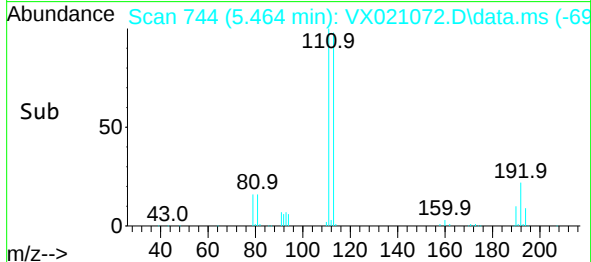
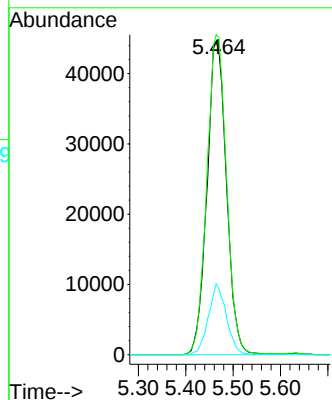
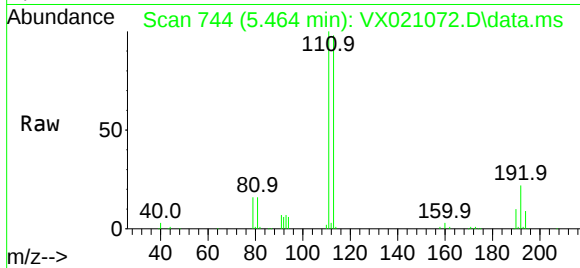




#35
Dibromofluoromethane
Concen: 51.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

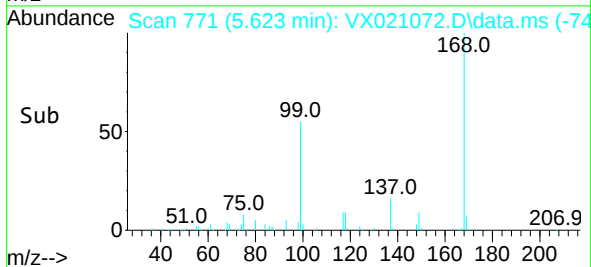
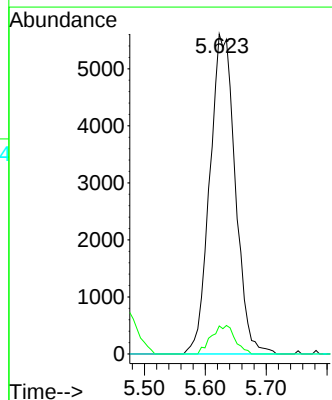
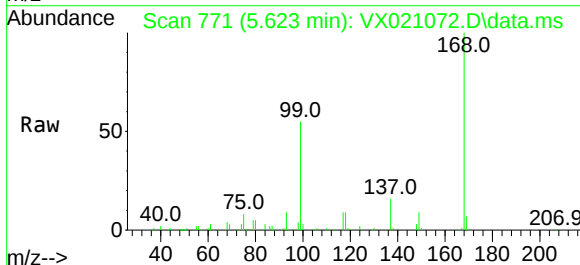
Instrument :
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WEST-DITCH-OUT-20210305

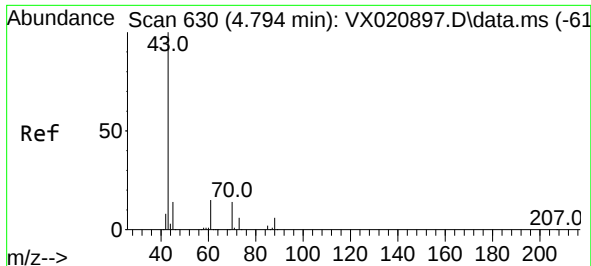
Tgt Ion:113 Resp: 127621
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion: 75 Resp: 16309
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.36 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.159 min

Lab File: VX021072.D

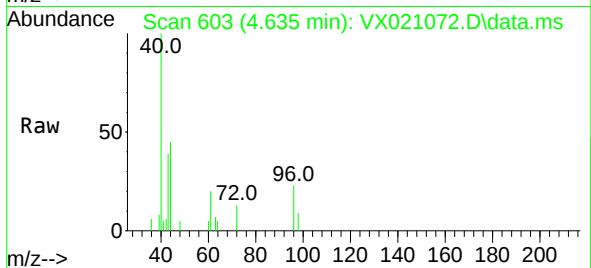
Acq: 08 Mar 2021 19:21

Instrument :

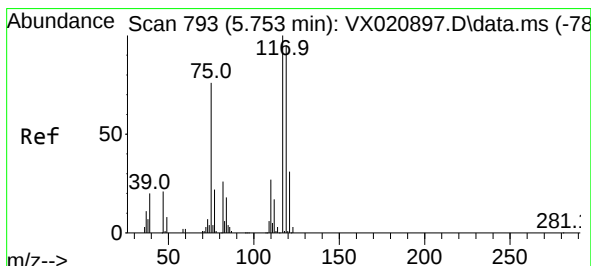
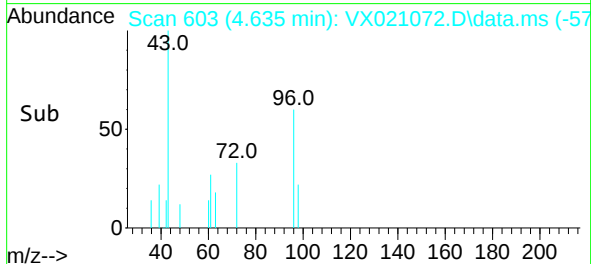
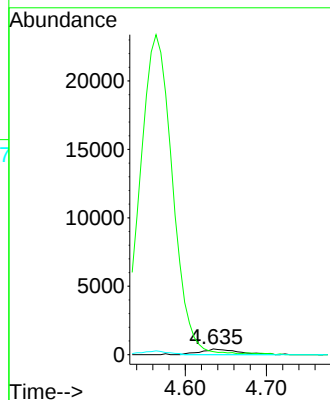
MSVOA_X

ClientSampleId :

WEST-DITCH-OUT-20210305



Tgt Ion:	43	Resp:	1320
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

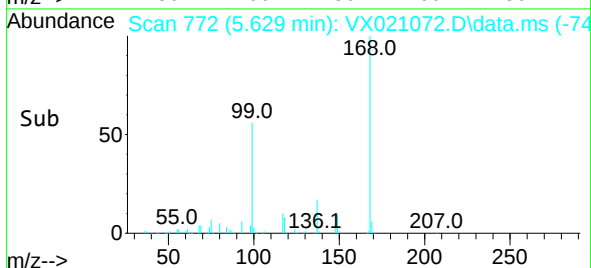
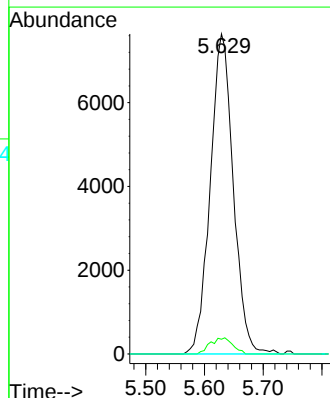
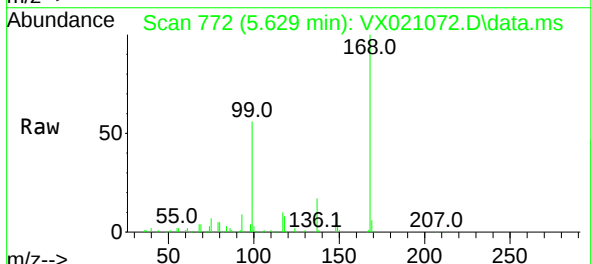
RT: 5.629 min Scan# 772

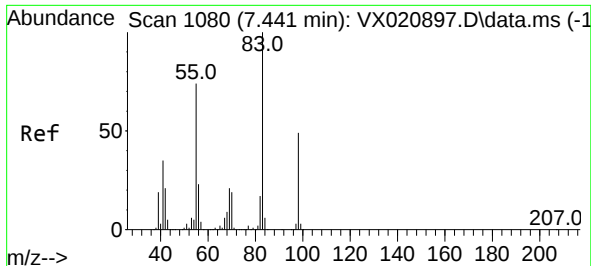
Delta R.T. -0.124 min

Lab File: VX021072.D

Acq: 08 Mar 2021 19:21

Tgt Ion:	117	Resp:	20867
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#

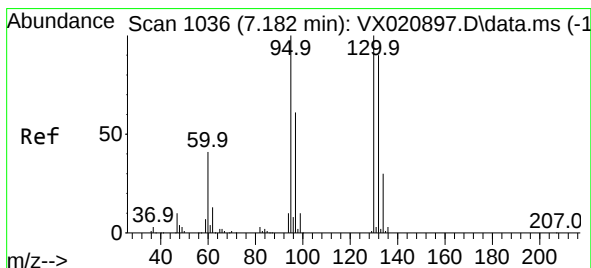
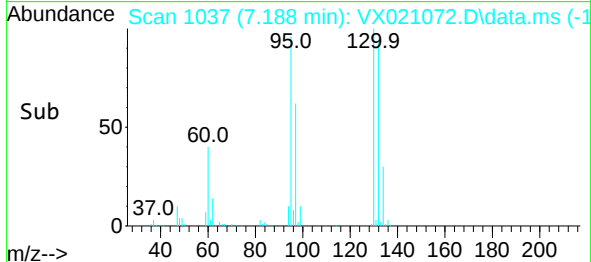
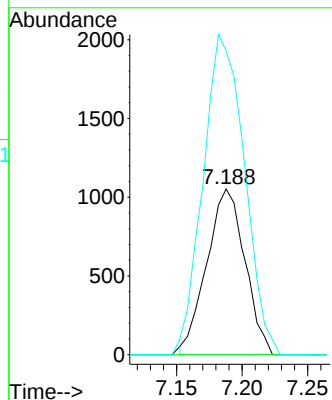
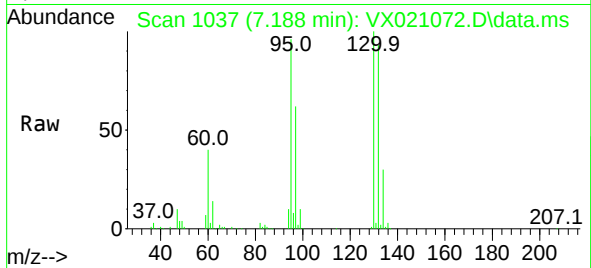




#39
Methylcyclohexane
Concen: 0.44 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.253 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

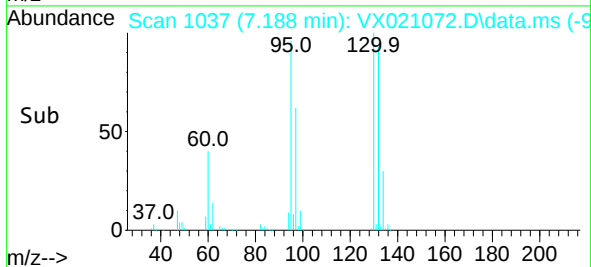
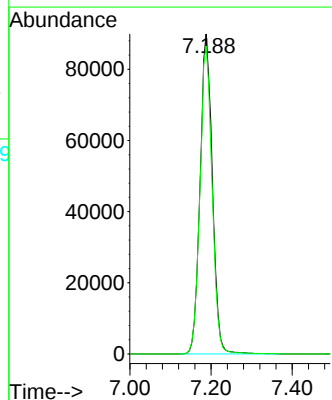
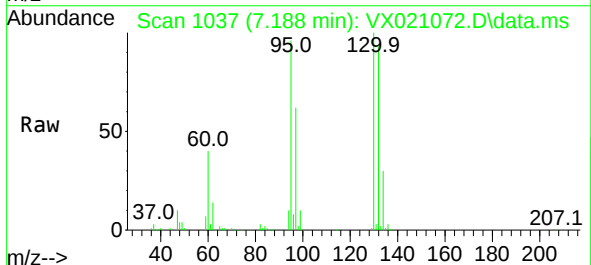
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

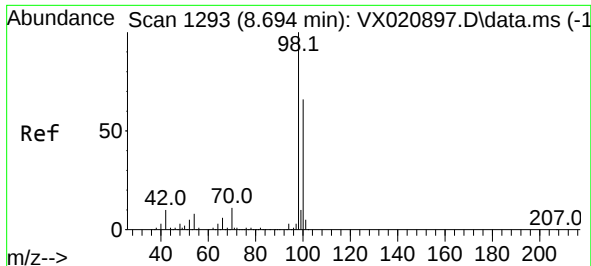
Tgt Ion: 83 Resp: 2125
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 183.4 38.1 57.1#



#44
Trichloroethene
Concen: 62.28 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion:130 Resp: 189536
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.0

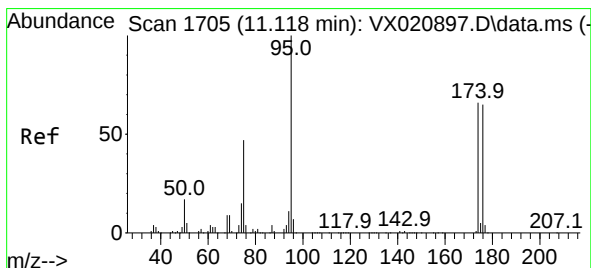
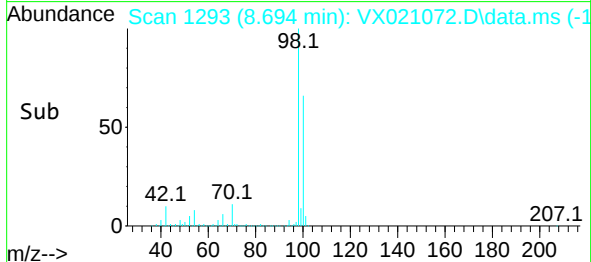
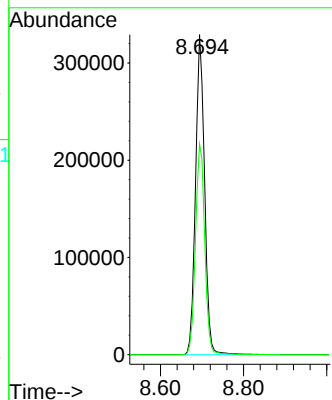
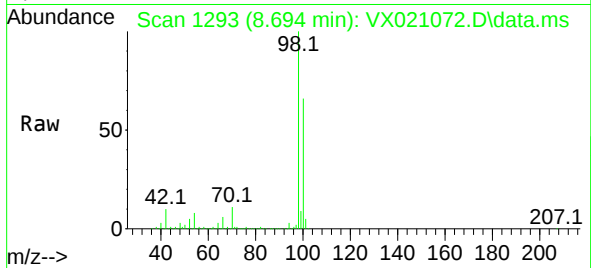




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

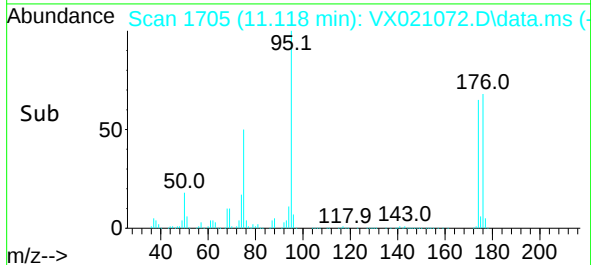
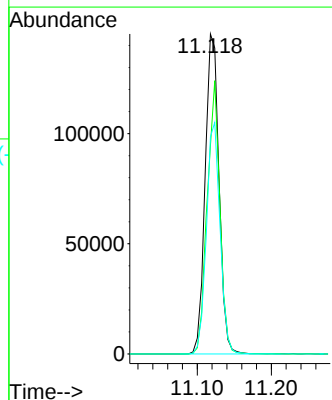
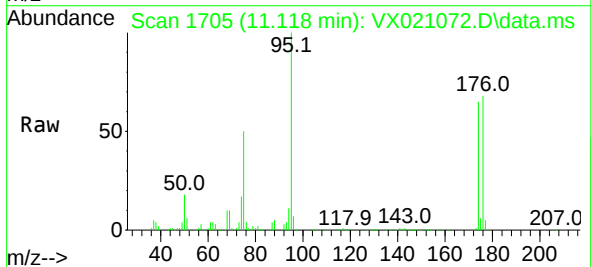
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

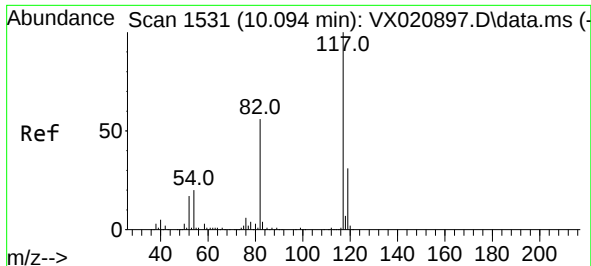
Tgt Ion: 98 Resp: 496766
Ion Ratio Lower Upper
98 100
100 67.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

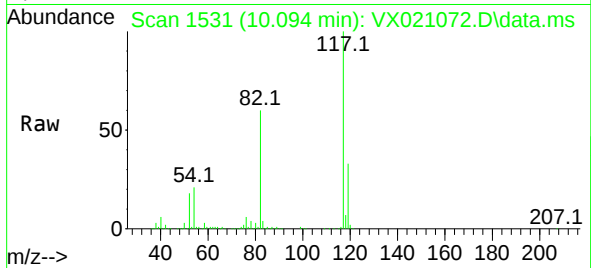
Tgt Ion: 95 Resp: 188760
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 71.2 0.0 155.8



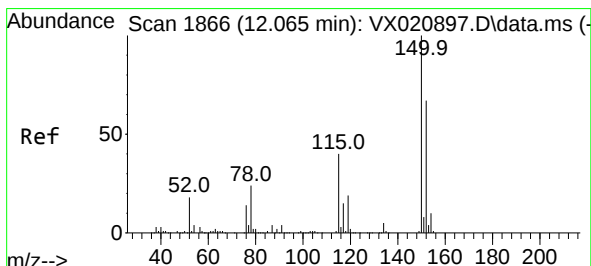
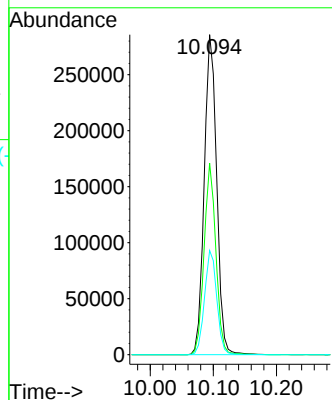
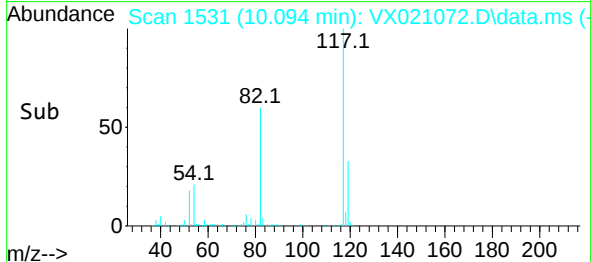


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

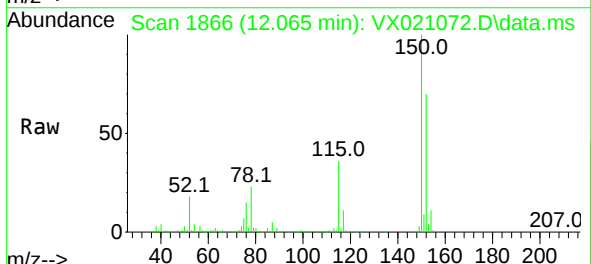
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305



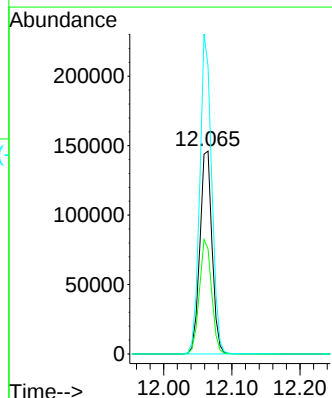
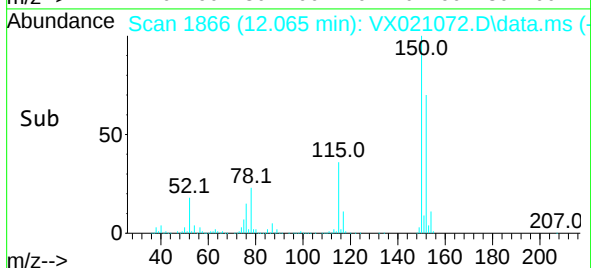
Tgt Ion:	117	Resp:	392656
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	32.6	26.6	39.8

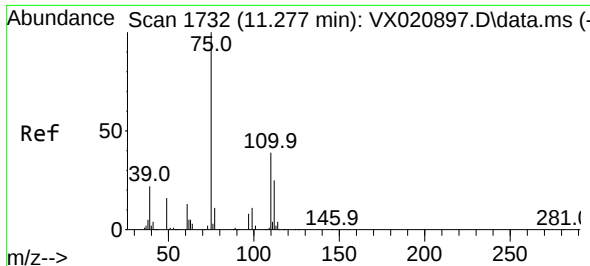


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21



Tgt Ion:	152	Resp:	181829
Ion	Ratio	Lower	Upper
152	100		
115	56.4	41.1	123.3
150	153.6	0.0	349.0

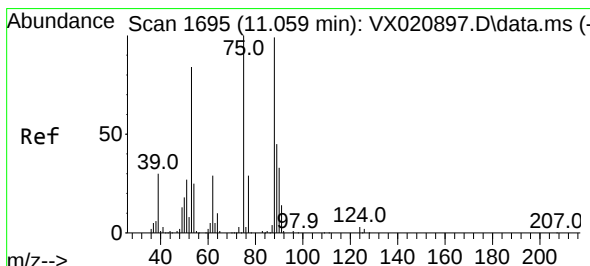
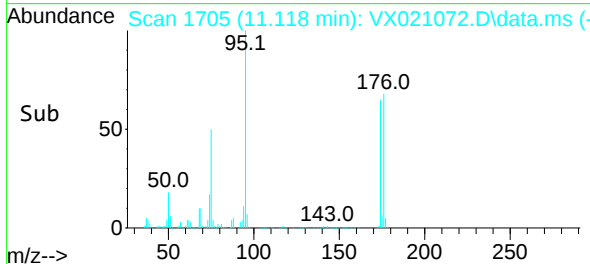
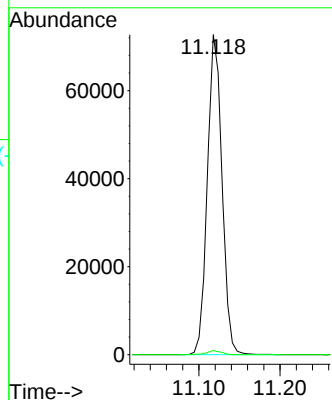
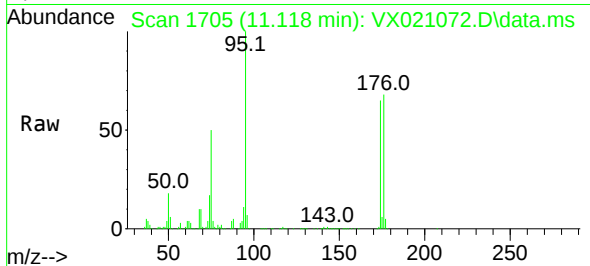




#76
1,2,3-Trichloropropane
Concen: 23.21 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-OUT-20210305

Tgt Ion: 75 Resp: 90804
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021072.D
Acq: 08 Mar 2021 19:21

Tgt Ion: 75 Resp: 90804
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

