

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021073.D
 Acq On : 08 Mar 2021 19:44
 Operator : JC/MD
 Sample : M1596-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 09 01:09:27 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)

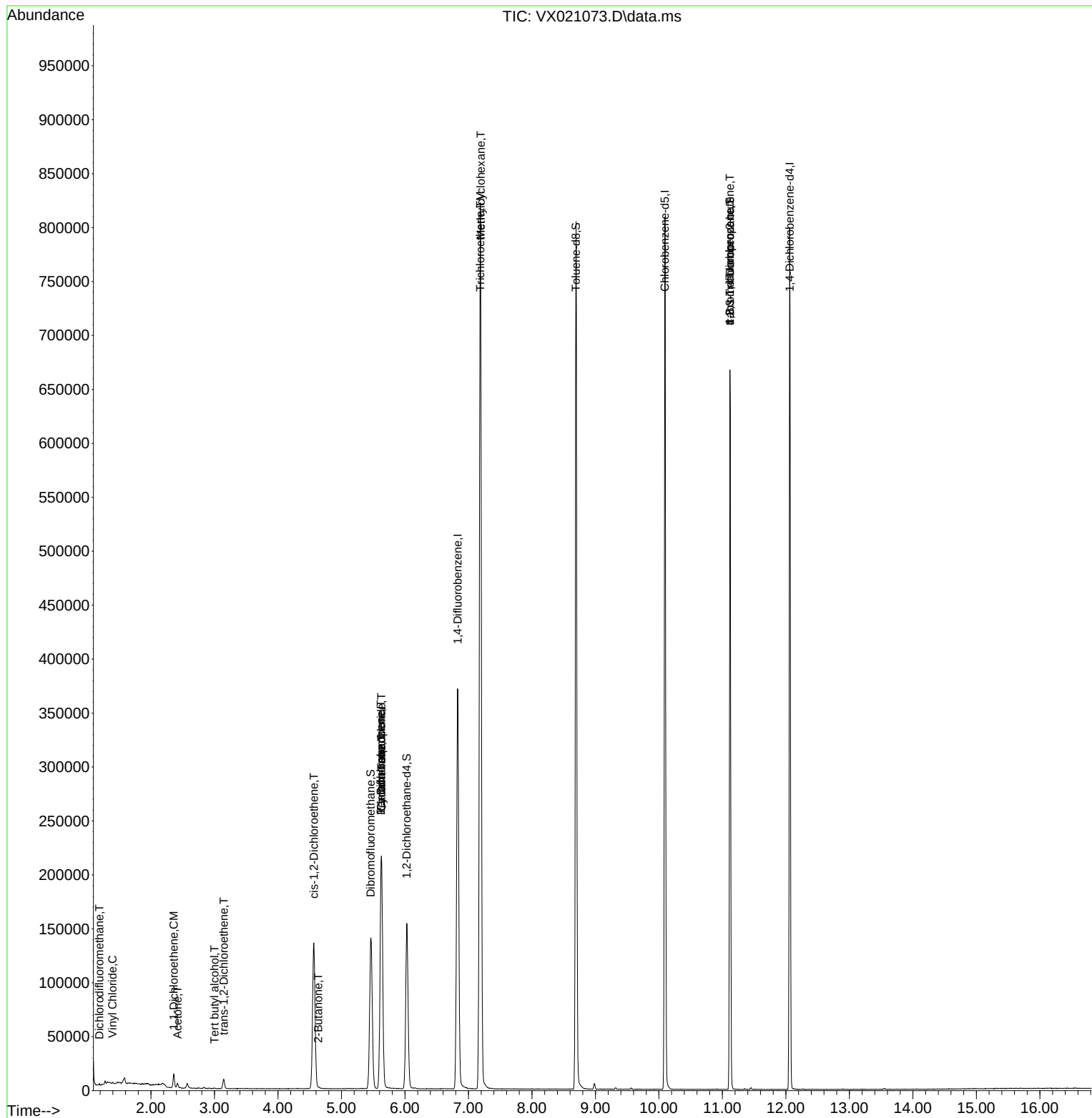
Internal Standards						
1) Pentafluorobenzene	5.623	168	217064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	394131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	379414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	173980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	143044	48.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.58%
35) Dibromofluoromethane	5.458	113	125515	52.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.82%
50) Toluene-d8	8.694	98	490250	52.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.02%
62) 4-Bromofluorobenzene	11.118	95	183817	53.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.48%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	644	0.27	ug/l	89
4) Vinyl Chloride	1.393	62	805	0.27	ug/l	90
5) Bromomethane	1.640	94	235	Below	Cal	97
11) Tert butyl alcohol	2.999	59	275	0.42	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	4191	1.72	ug/l	97
16) Acetone	2.417	43	4517	3.74	ug/l	94
21) trans-1,2-Dichloroethene	3.146	96	3846	1.41	ug/l	94
25) 2-Butanone	4.635	43	1334	0.73	ug/l #	76
27) cis-1,2-Dichloroethene	4.564	96	91337	29.05	ug/l	89
31) Cyclohexane	5.629	56	4156	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	16219	4.33	ug/l #	47
38) Carbon Tetrachloride	5.629	117	20679	5.70	ug/l #	15
39) Methylcyclohexane	7.194	83	3780	0.80	ug/l #	1
44) Trichloroethene	7.188	130	330244	111.86	ug/l	97
76) 1,2,3-Trichloropropane	11.118	75	87244	23.31	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87244	51.61	ug/l #	12

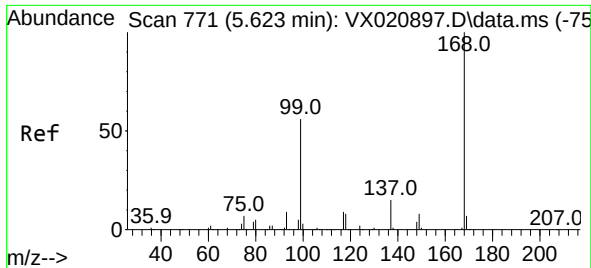
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

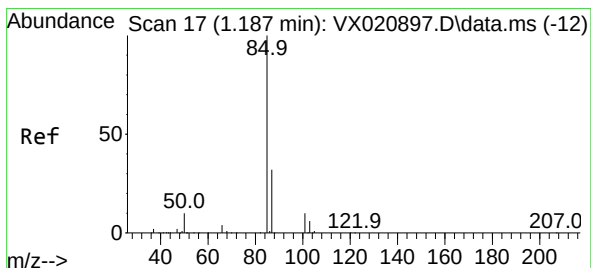
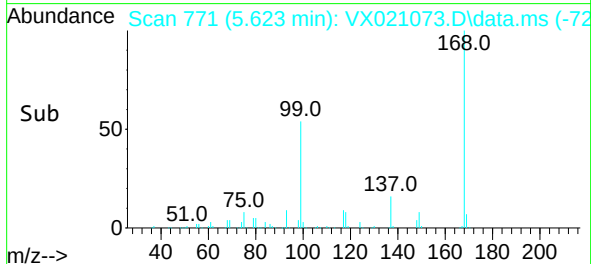
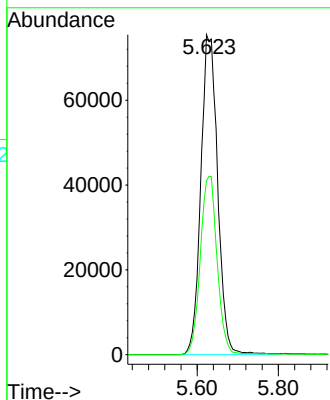
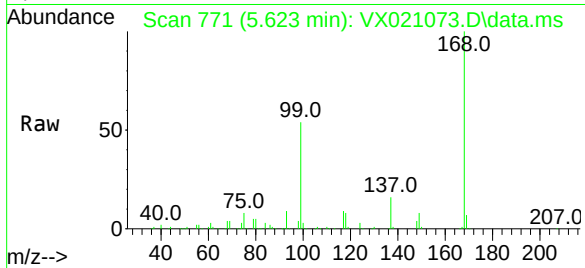




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

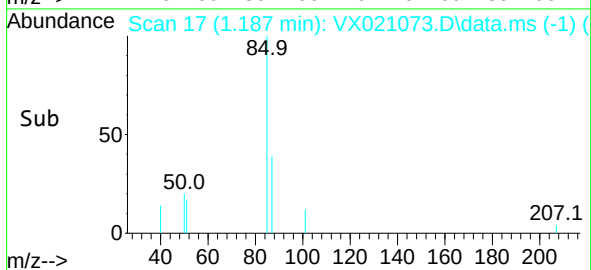
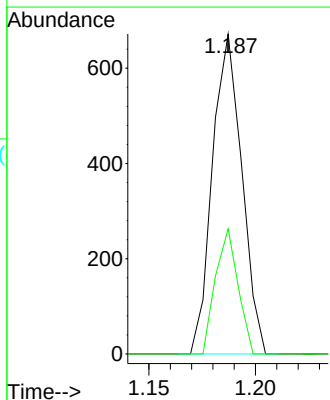
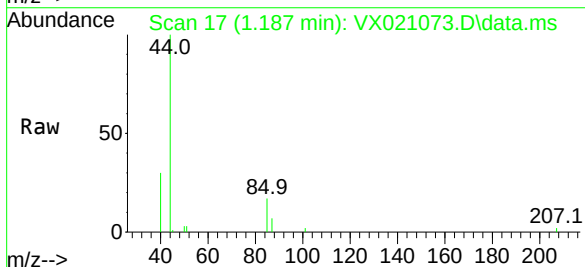
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210305

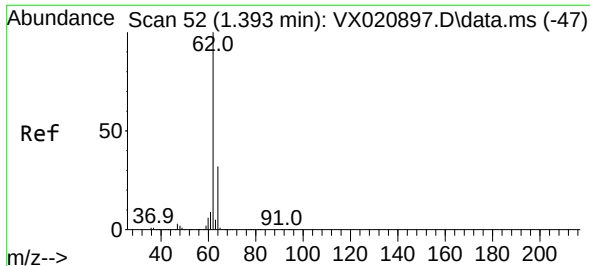
Tgt Ion:168 Resp: 217064
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.27 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 85 Resp: 644
Ion Ratio Lower Upper
85 100
87 39.1 16.4 49.2

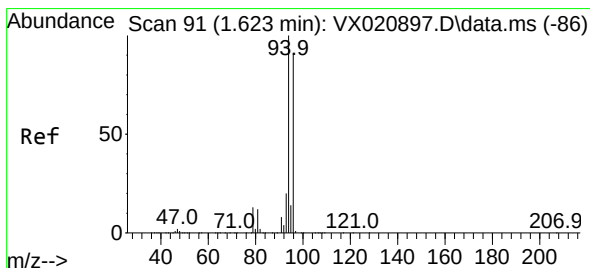
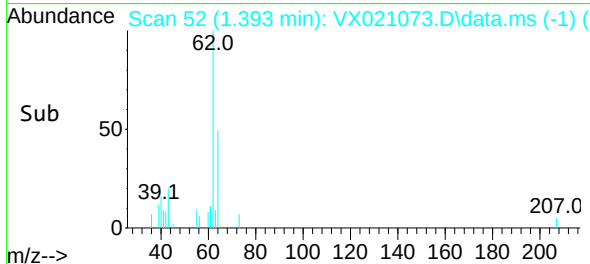
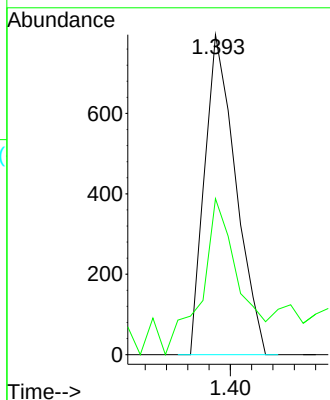
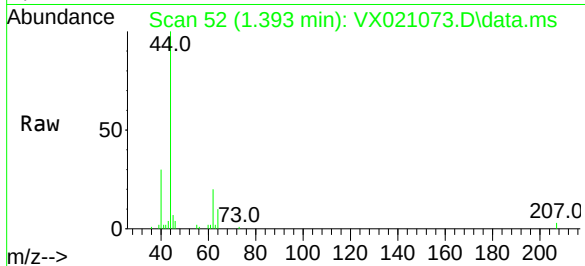




#4
 Vinyl Chloride
 Concen: 0.27 ug/l
 RT: 1.393 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VX021073.D
 Acq: 08 Mar 2021 19:44

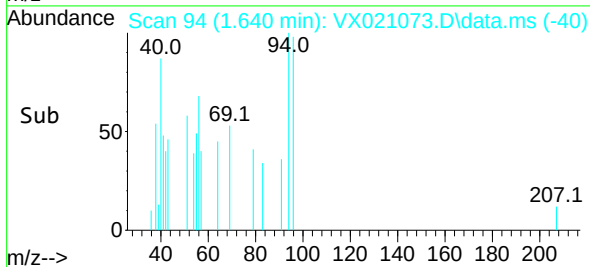
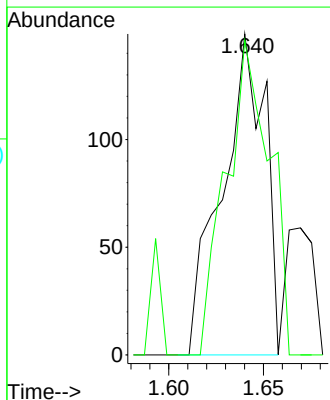
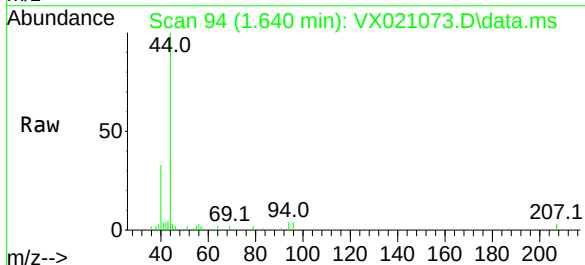
Instrument :
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 ClientSampleId :
 WEST-DITCH-IN-20210305

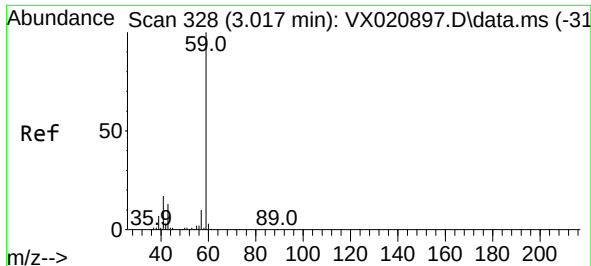
Tgt Ion: 62 Resp: 805
 Ion Ratio Lower Upper
 62 100
 64 37.9 25.7 38.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.640 min Scan# 94
 Delta R.T. 0.017 min
 Lab File: VX021073.D
 Acq: 08 Mar 2021 19:44

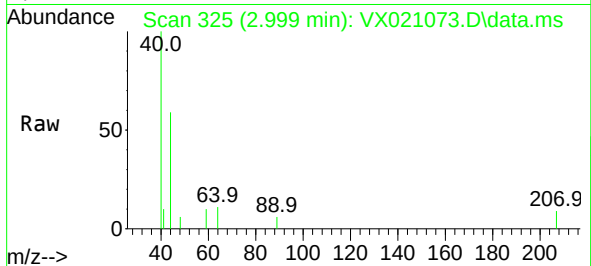
Tgt Ion: 94 Resp: 235
 Ion Ratio Lower Upper
 94 100
 96 98.0 76.4 114.6



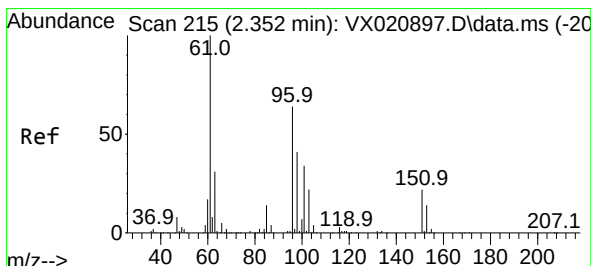
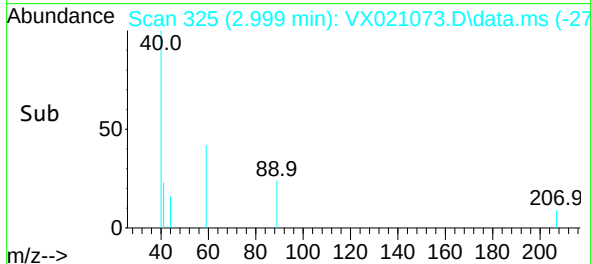
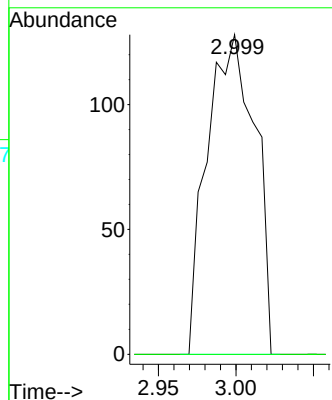


#11
Tert butyl alcohol
Concen: 0.42 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

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

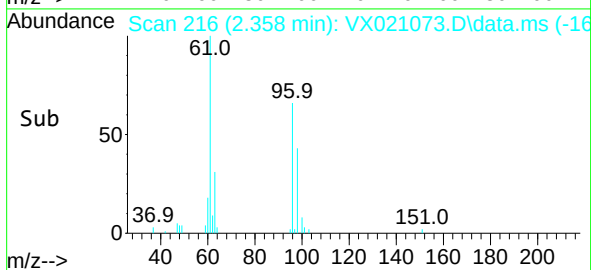
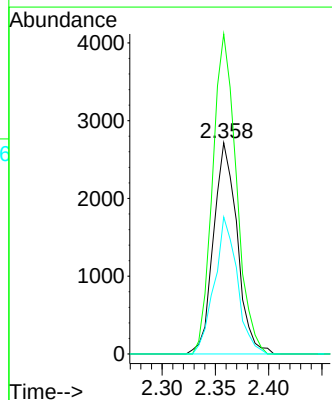
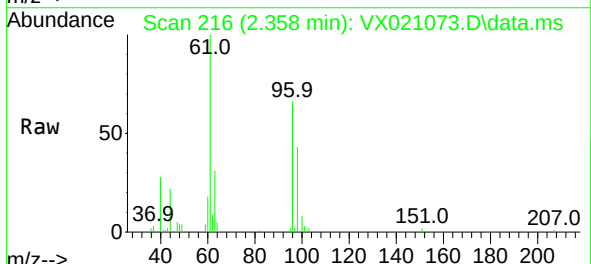


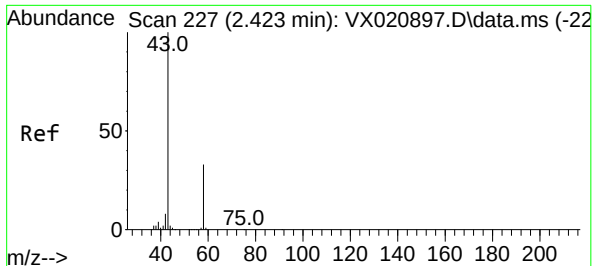
Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.72 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 96 Resp: 4191
Ion Ratio Lower Upper
96 100
61 151.5 124.6 187.0
98 64.9 50.6 76.0

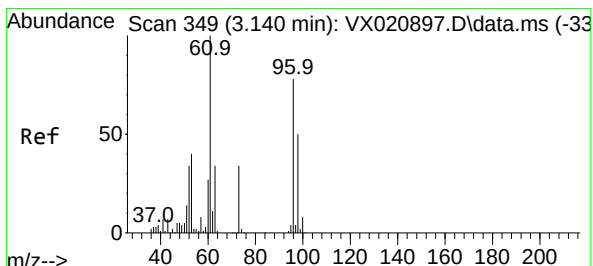
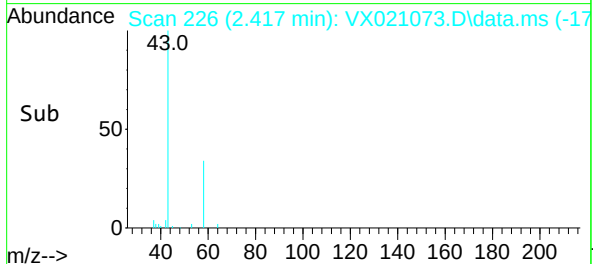
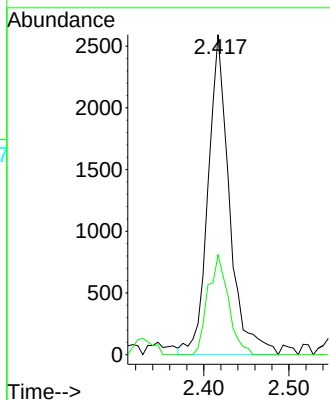
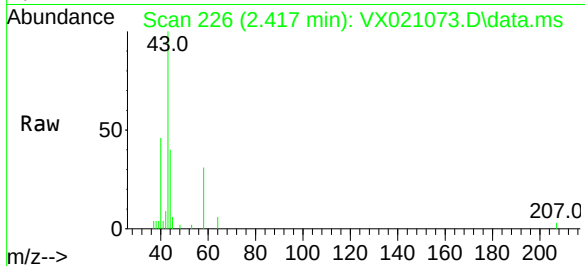




#16
Acetone
Concen: 3.74 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

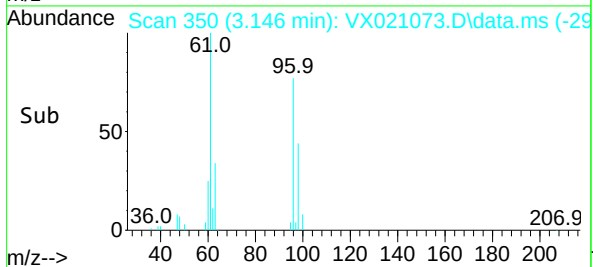
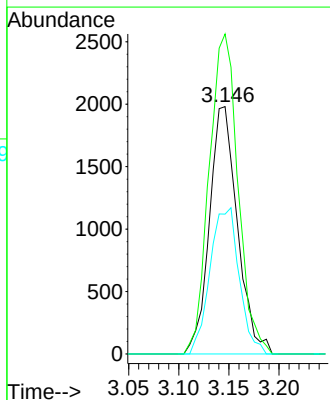
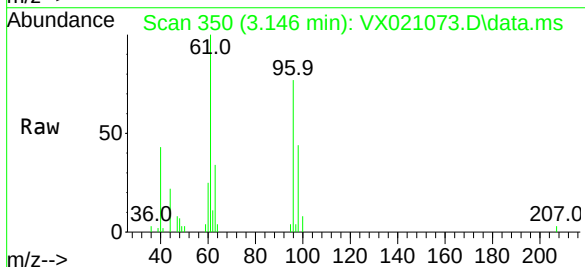
Instrument :
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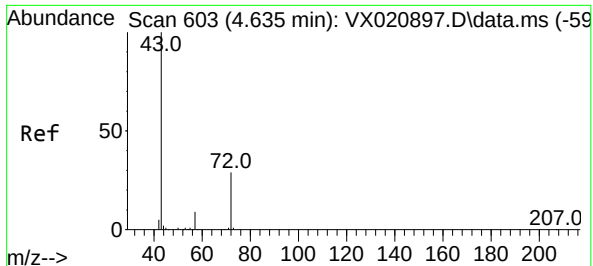
Tgt Ion: 43 Resp: 4517
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#21
trans-1,2-Dichloroethene
Concen: 1.41 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 96 Resp: 3846
Ion Ratio Lower Upper
96 100
61 129.4 107.7 161.5
98 56.5 50.4 75.6

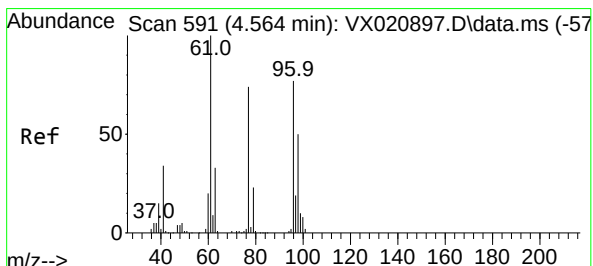
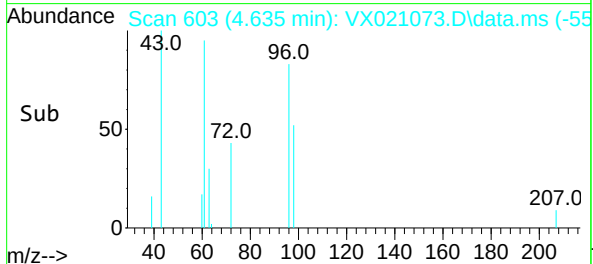
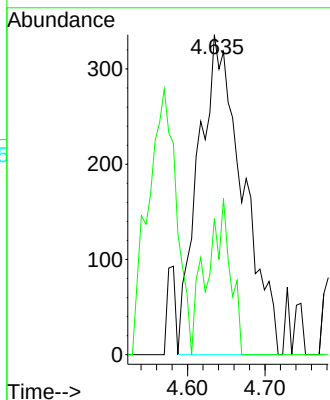
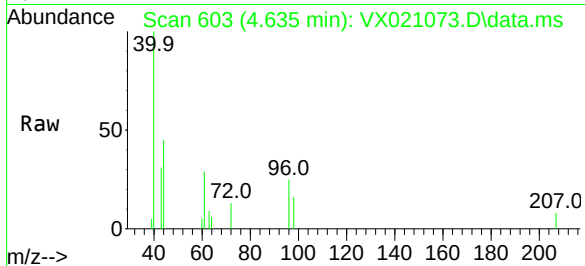




#25
2-Butanone
Concen: 0.73 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

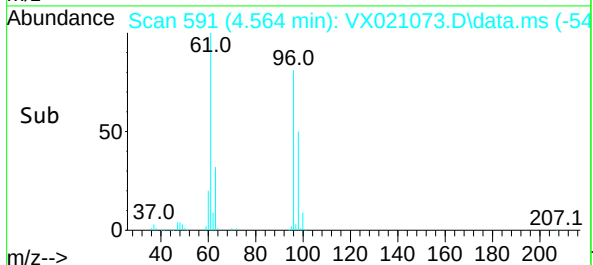
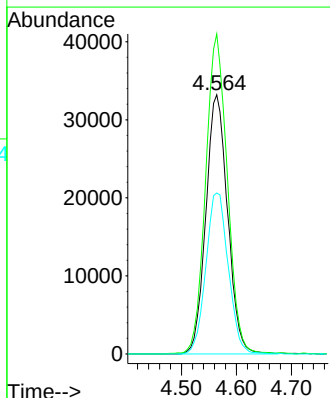
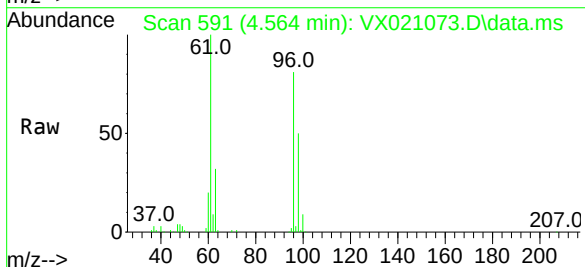
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ClientSampleId :
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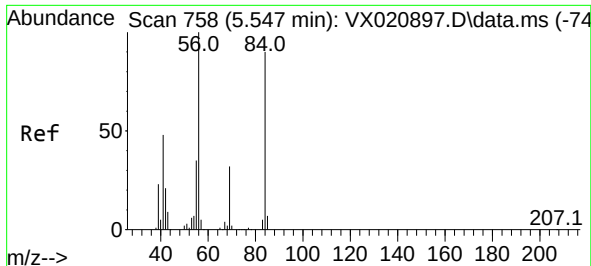
Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
72 42.6 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 29.05 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

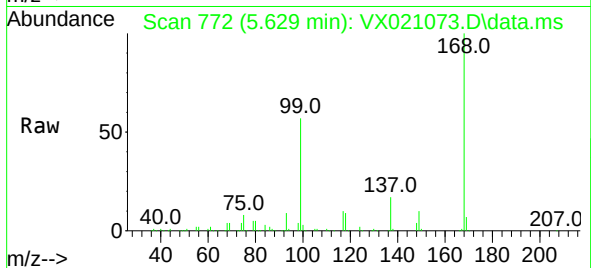
Tgt Ion: 96 Resp: 91337
Ion Ratio Lower Upper
96 100
61 123.0 0.0 285.6
98 64.0 0.0 129.6



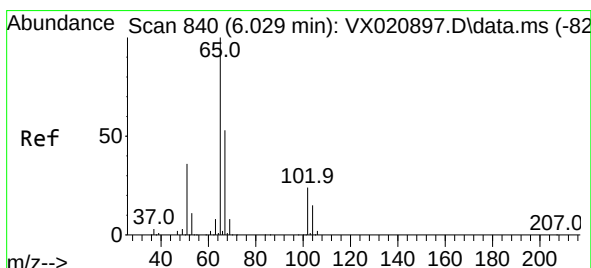
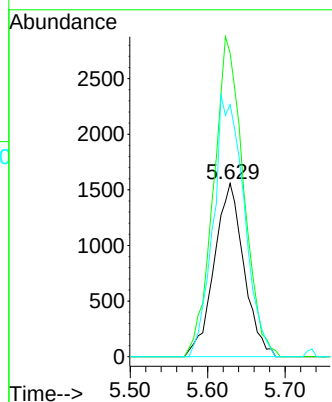
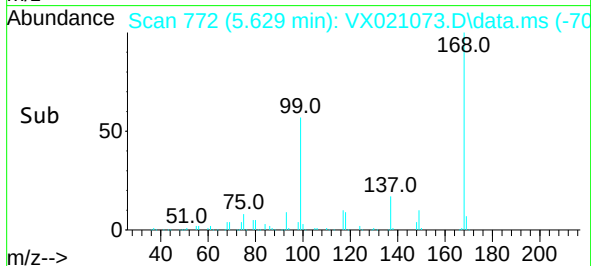


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

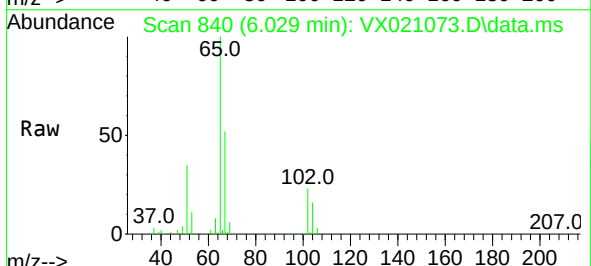
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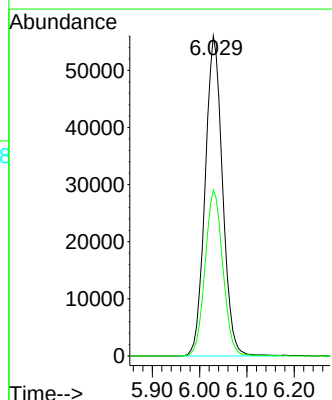
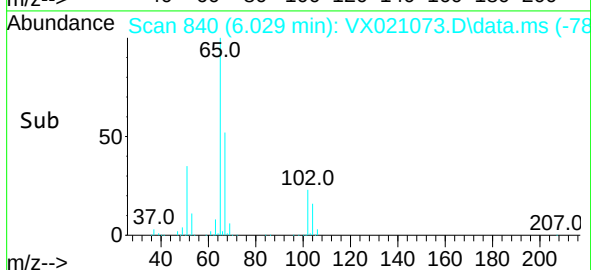
Tgt Ion: 56 Resp: 4156
Ion Ratio Lower Upper
56 100
69 175.2 25.3 37.9#
84 145.5 71.4 107.0#

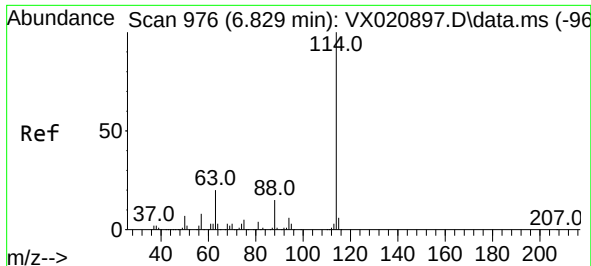


#33
1,2-Dichloroethane-d4
Concen: 48.79 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44



Tgt Ion: 65 Resp: 143044
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

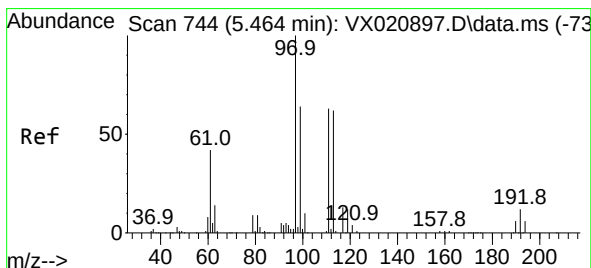
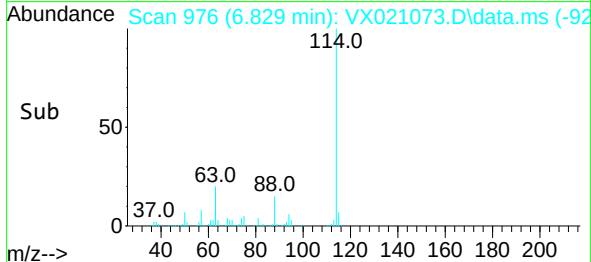
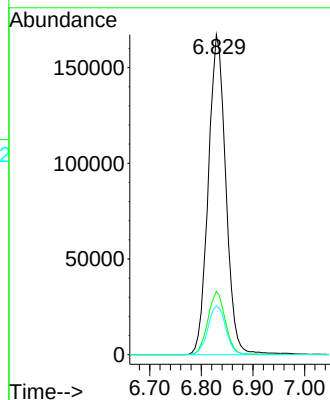
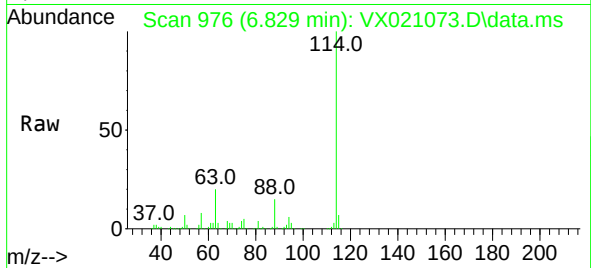




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

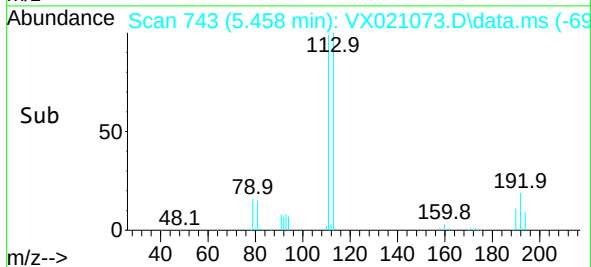
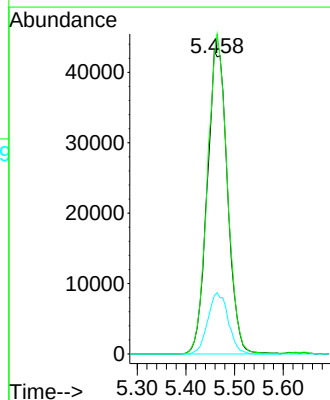
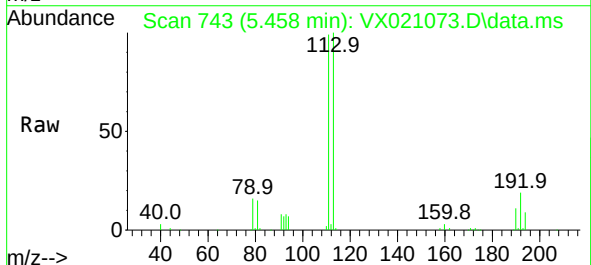
Instrument :
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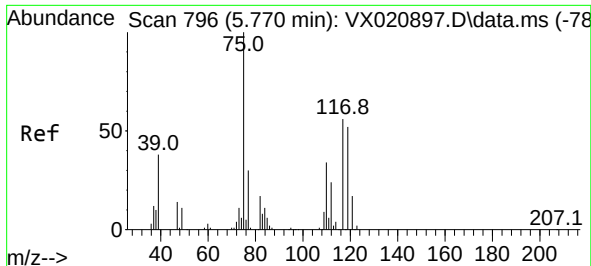
Tgt Ion:114 Resp: 394131
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.41 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion:113 Resp: 125515
Ion Ratio Lower Upper
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111 102.0 81.9 122.9
192 20.1 16.7 25.1

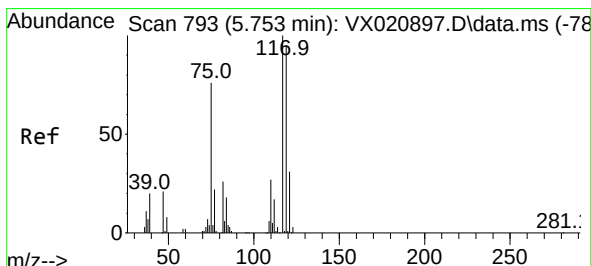
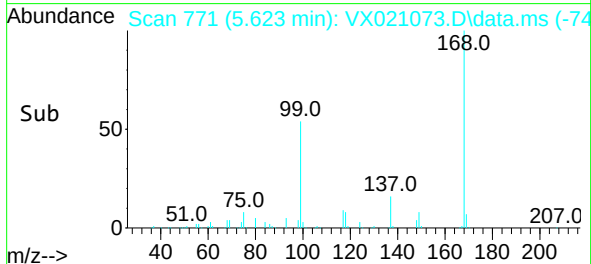
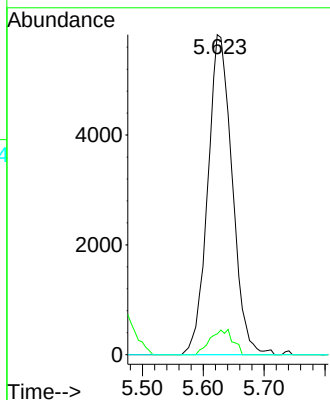
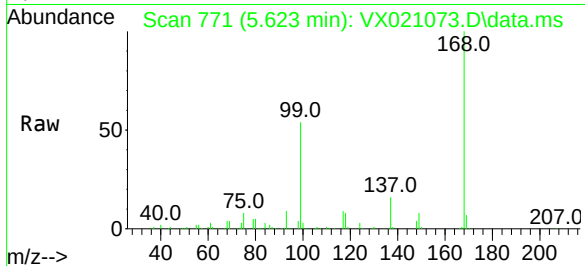




#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

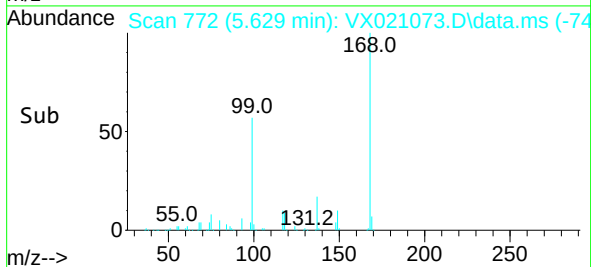
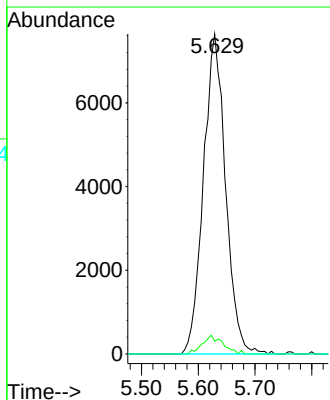
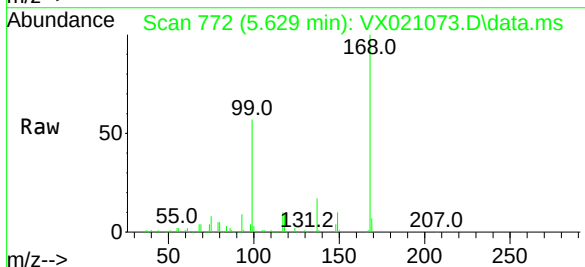
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210305

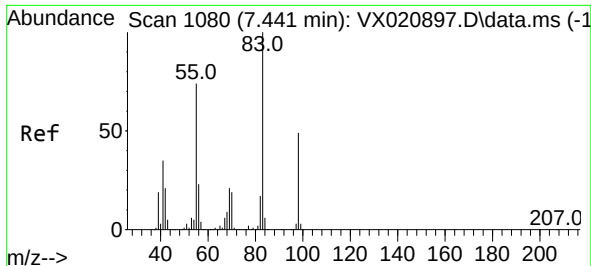
Tgt Ion: 75 Resp: 16219
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 117 Resp: 20679
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.80 ug/l

RT: 7.194 min Scan# 1038

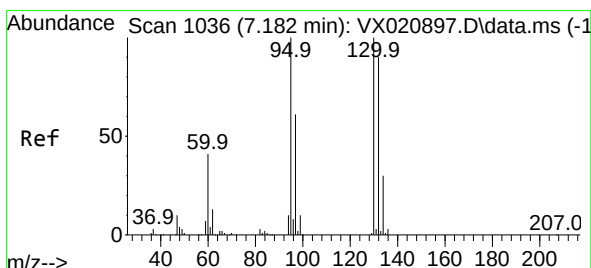
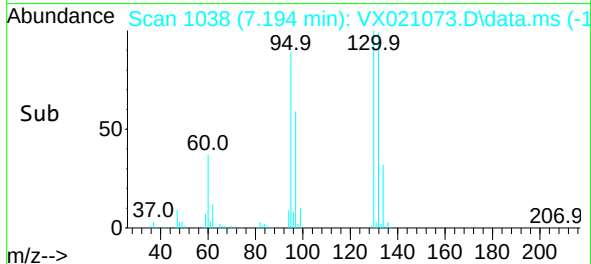
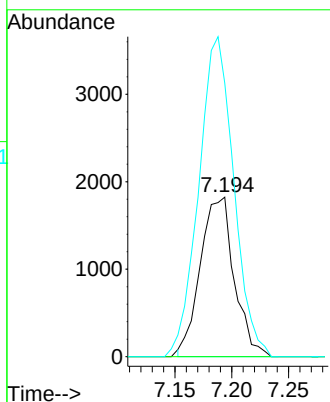
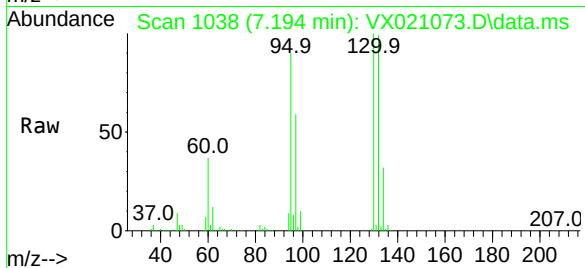
Delta R.T. -0.247 min

Lab File: VX021073.D

Acq: 08 Mar 2021 19:44

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

Tgt Ion: 83	Resp: 3780
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 171.5	38.1 57.1#



#44

Trichloroethene

Concen: 111.86 ug/l

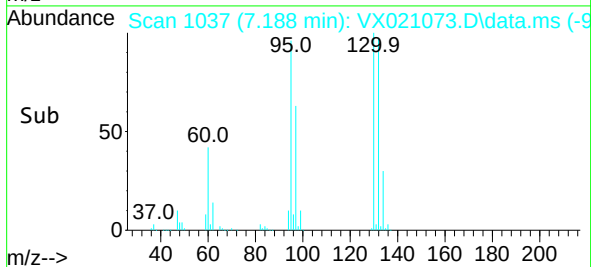
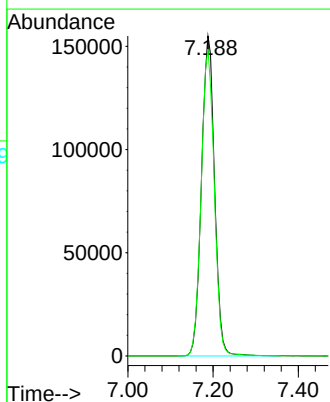
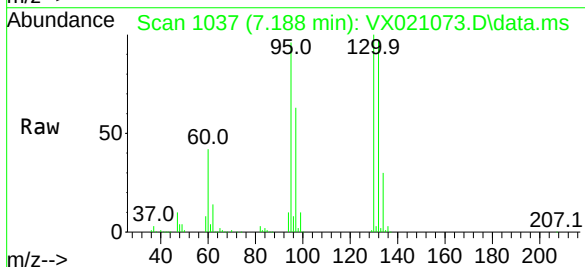
RT: 7.188 min Scan# 1037

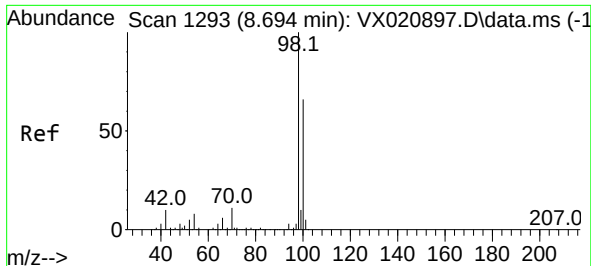
Delta R.T. 0.006 min

Lab File: VX021073.D

Acq: 08 Mar 2021 19:44

Tgt Ion: 130	Resp: 330244
Ion Ratio	Lower Upper
130 100	
95 95.8	0.0 198.0

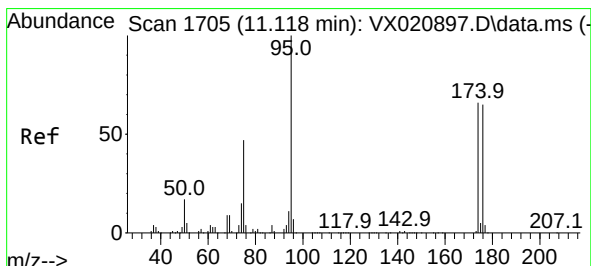
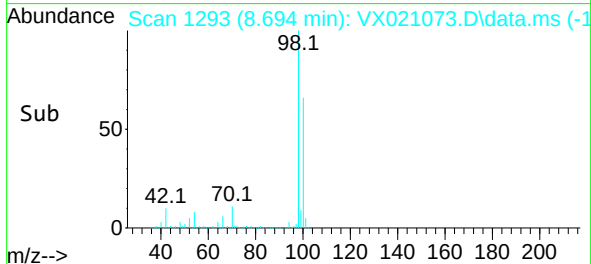
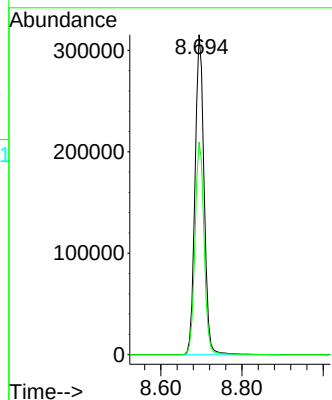
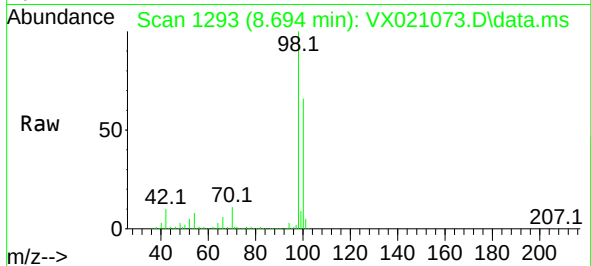




#50
Toluene-d8
Concen: 52.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

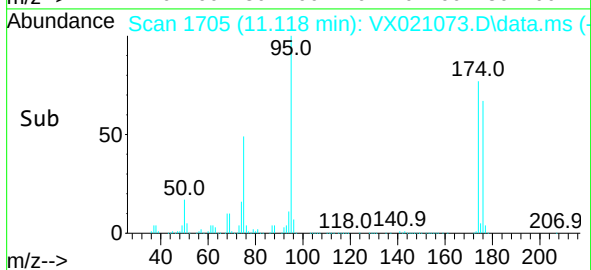
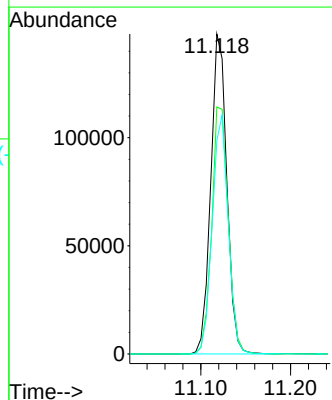
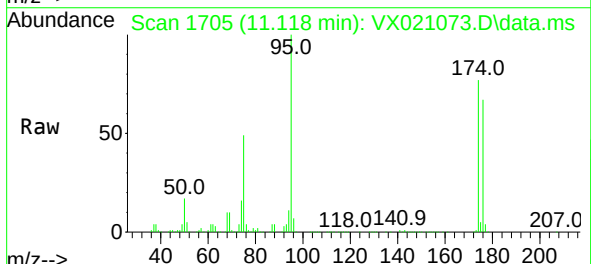
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210305

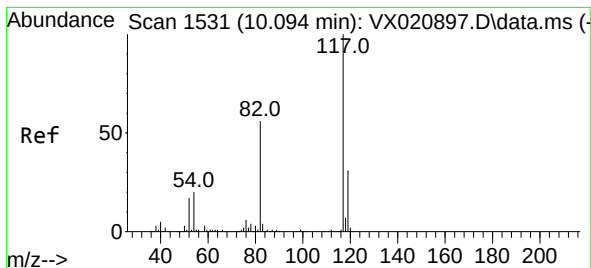
Tgt Ion: 98 Resp: 490250
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 95 Resp: 183817
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 74.5 0.0 155.8

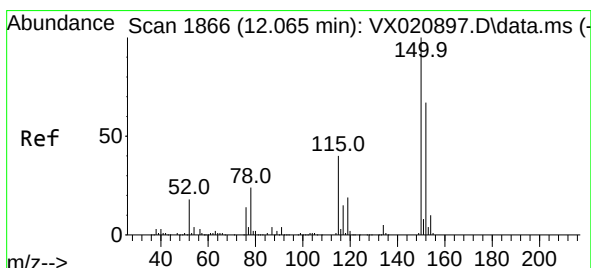
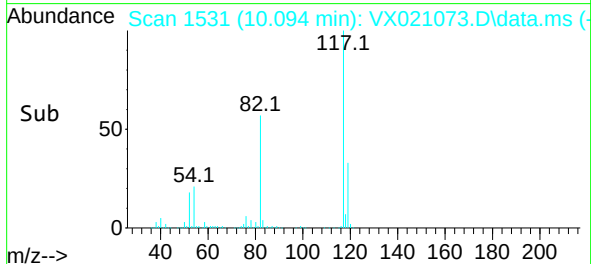
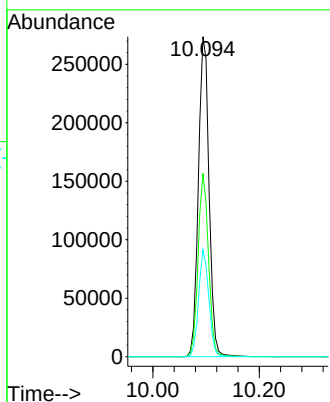
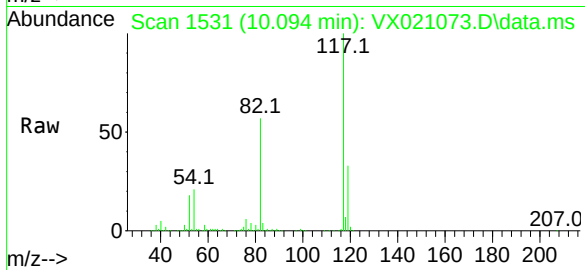




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

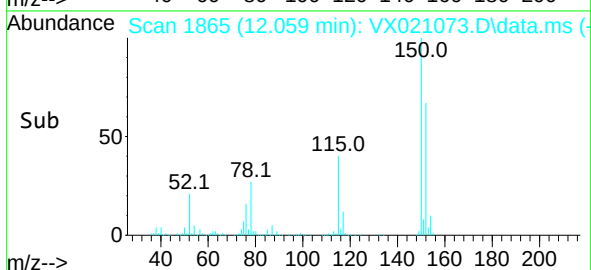
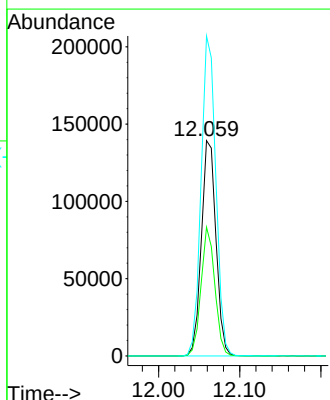
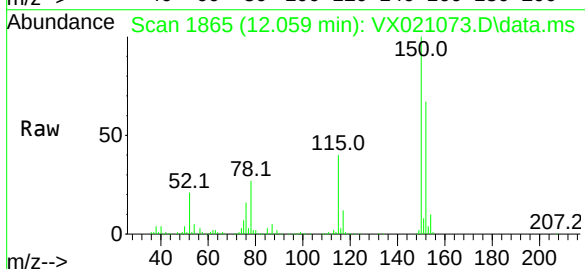
Instrument :
MSVOA_X
ClientSampleId :
WEST-DITCH-IN-20210305

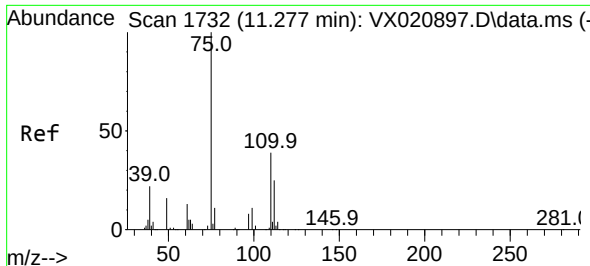
Tgt Ion:117 Resp: 379414
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion:152 Resp: 173980
Ion Ratio Lower Upper
152 100
115 56.7 41.1 123.3
150 149.7 0.0 349.0

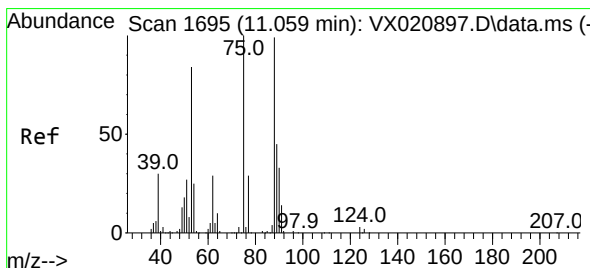
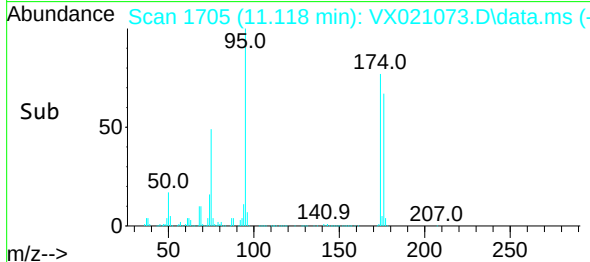
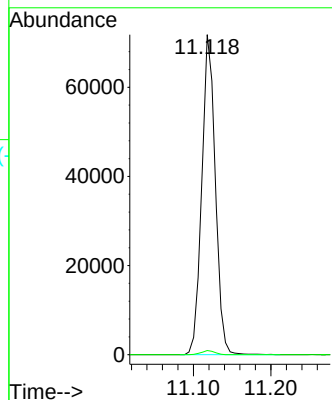
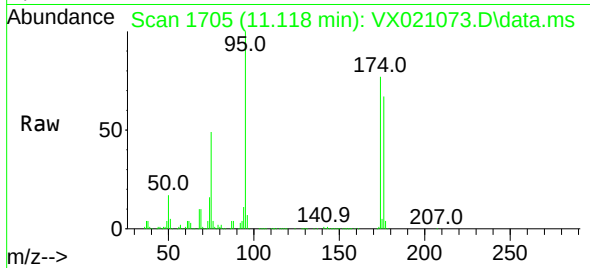




#76
1,2,3-Trichloropropane
Concen: 23.31 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

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

Tgt Ion: 75 Resp: 87244
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.61 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021073.D
Acq: 08 Mar 2021 19:44

Tgt Ion: 75 Resp: 87244
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

