

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030521\
 Data File : VX020996.D
 Acq On : 03 Mar 2021 14:09
 Operator : JC/MD
 Sample : M1536-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 04 01:03:42 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	213314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	405836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	379547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	170218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	145071	50.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.70%
35) Dibromofluoromethane	5.464	113	126284	51.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.42%
50) Toluene-d8	8.694	98	503367	52.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.72%
62) 4-Bromofluorobenzene	11.118	95	181073	50.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.86%

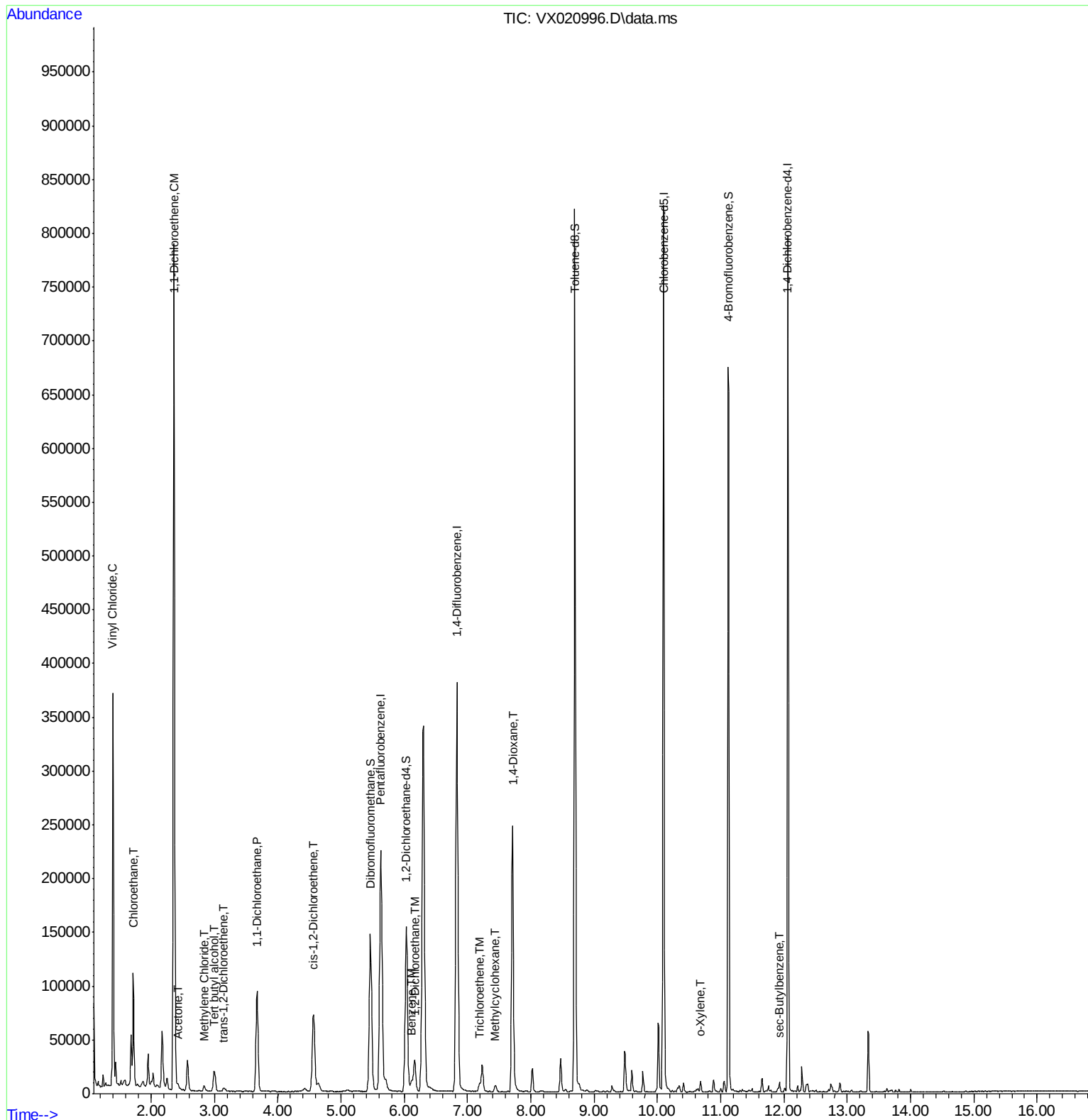
Target Compounds						Qvalue
4) Vinyl Chloride	1.393	62	239524	81.18	ug/l	99
6) Chloroethane	1.716	64	68155	36.92	ug/l	99
11) Tert butyl alcohol	2.999	59	16319	25.43	ug/l #	93
12) 1,1-Dichloroethene	2.358	96	271000	113.50	ug/l	94
16) Acetone	2.417	43	4115	3.47	ug/l	98
20) Methylene Chloride	2.834	84	1962	0.69	ug/l	93
21) trans-1,2-Dichloroethene	3.146	96	856	0.32	ug/l	85
24) 1,1-Dichloroethane	3.670	63	107554	23.28	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	48160	15.59	ug/l	89
39) Methylcyclohexane	7.435	83	2751	0.57	ug/l	95
40) Benzene	6.111	78	11190	0.97	ug/l	93
42) 1,2-Dichloroethane	6.164	62	31591	8.22	ug/l	98
44) Trichloroethene	7.188	130	2907	0.96	ug/l	92
49) 1,4-Dioxane	7.711	88	197504	2702.05	ug/l	94
69) o-Xylene	10.682	106	2297	0.44	ug/l	98
85) sec-Butylbenzene	11.930	105	4108	0.32	ug/l	83

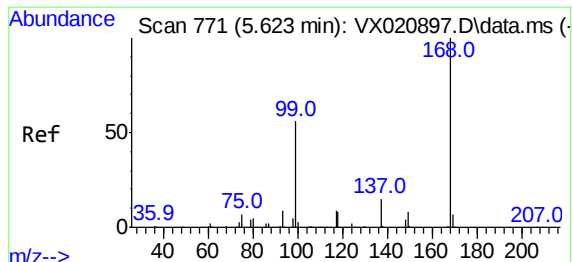
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 01:03:42 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

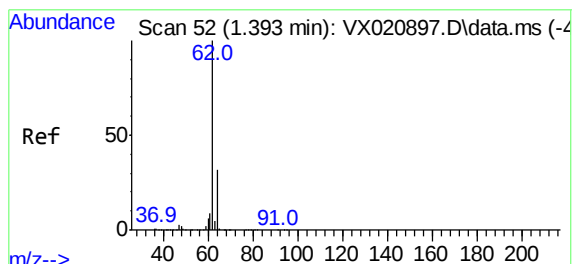
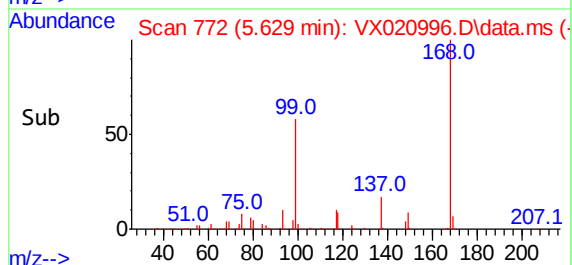
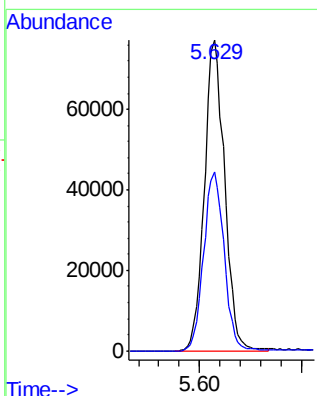
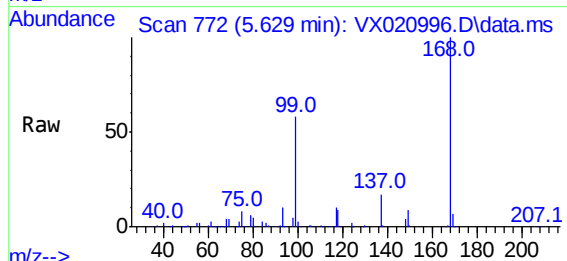




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

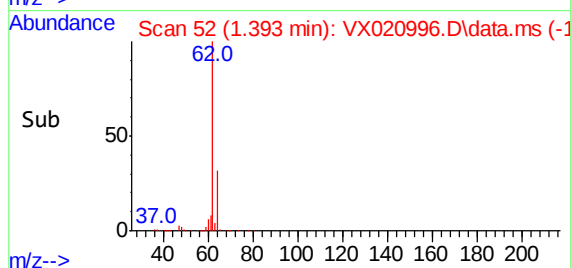
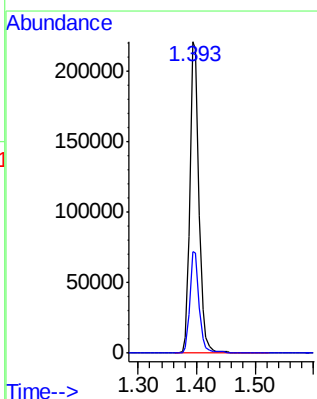
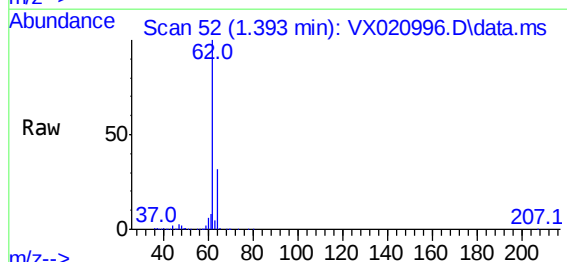
Instrument :
MSVOA_X
ClientSampled :
MW-1

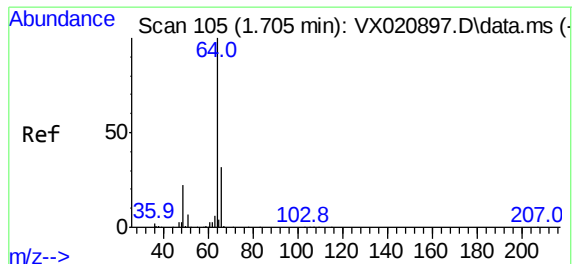
Tgt Ion:168 Resp: 213314
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#4
Vinyl Chloride
Concen: 81.18 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 62 Resp: 239524
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5

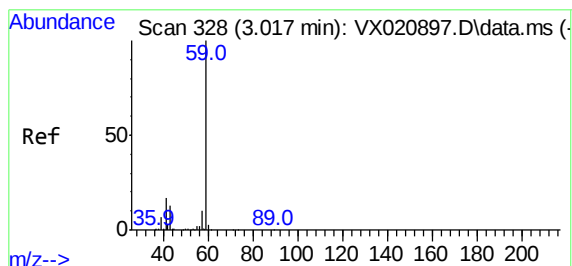
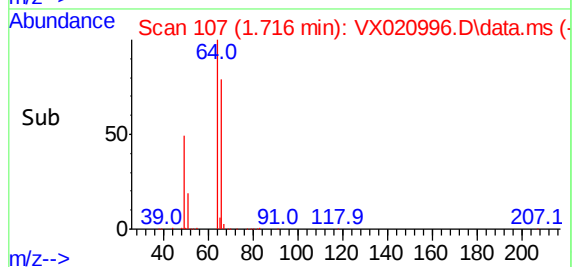
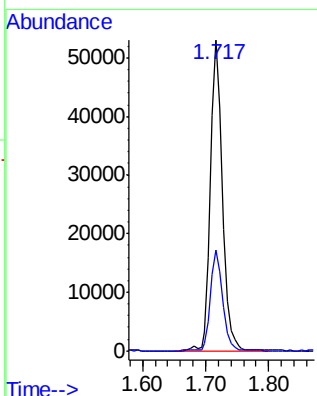
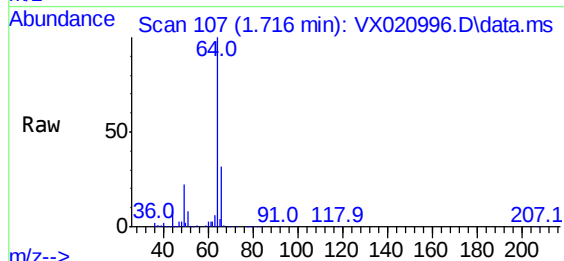




#6
Chloroethane
Concen: 36.92 ug/l
RT: 1.716 min Scan# 107
Delta R.T. 0.012 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

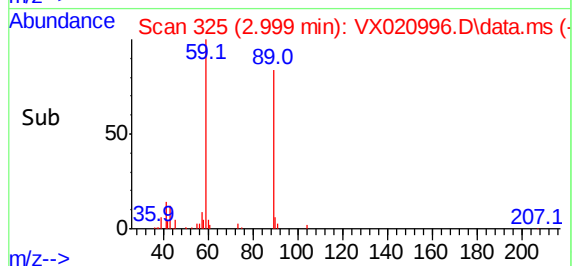
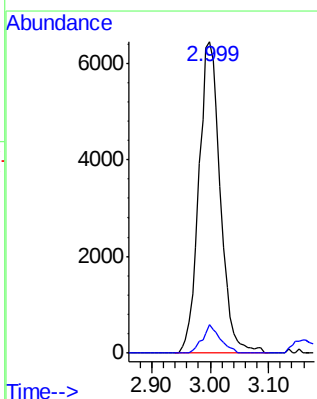
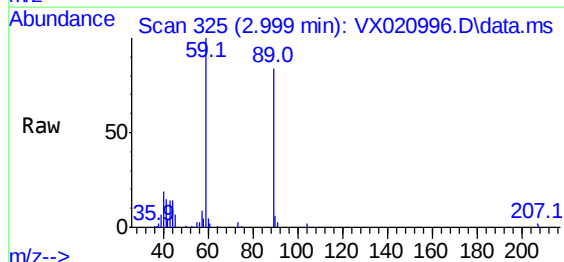
Instrument :
MSVOA_X
ClientSampled :
MW-1

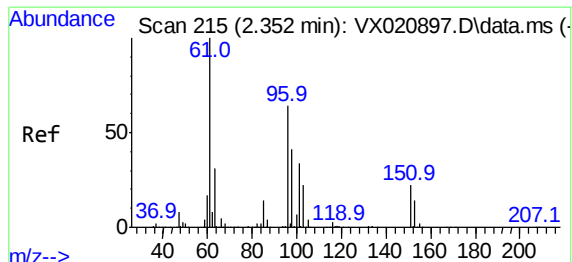
Tgt Ion: 64 Resp: 68155
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0



#11
Tert butyl alcohol
Concen: 25.43 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 59 Resp: 16319
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#

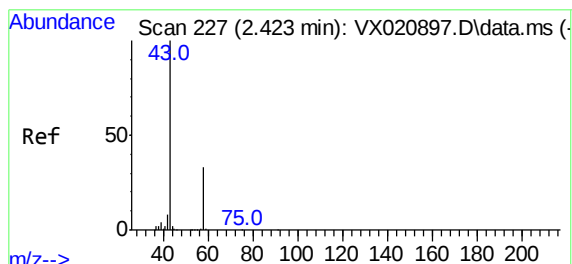
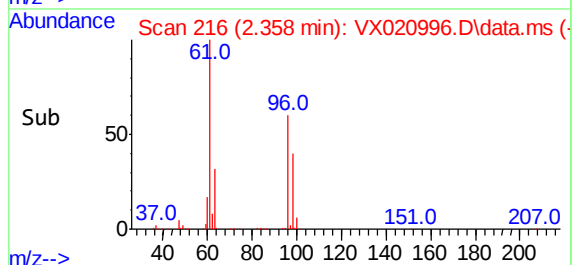
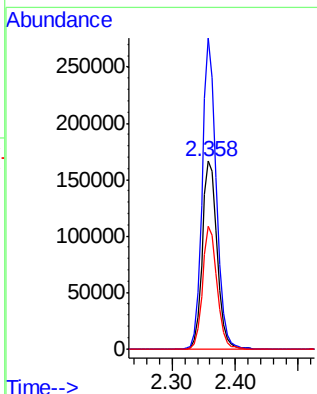
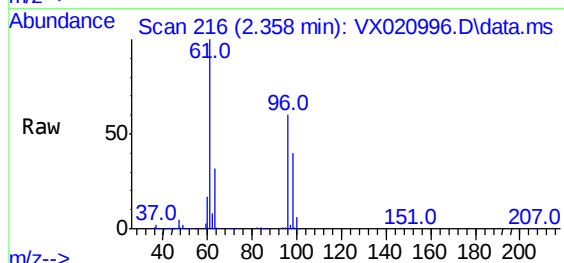




#12
1,1-Dichloroethene
Concen: 113.50 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

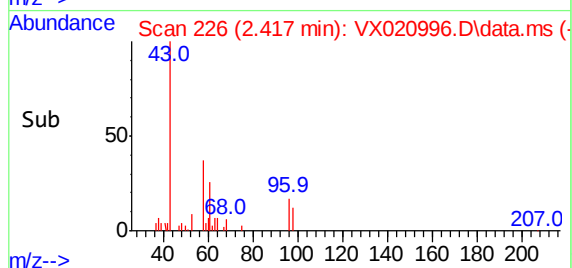
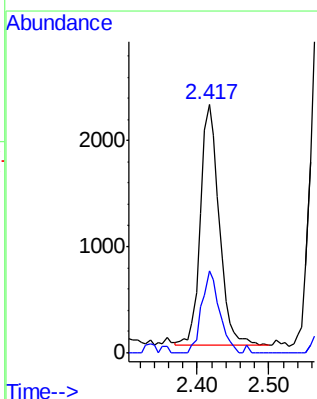
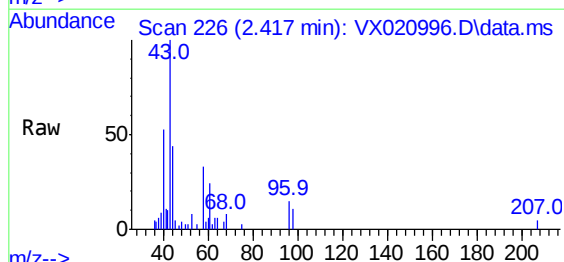
Instrument :
MSVOA_X
ClientSampled :
MW-1

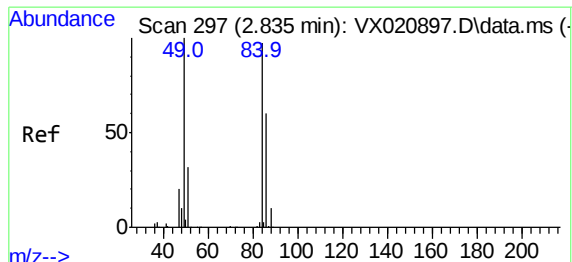
Tgt Ion: 96 Resp: 271000
Ion Ratio Lower Upper
96 100
61 165.6 124.6 187.0
98 65.6 50.6 76.0



#16
Acetone
Concen: 3.47 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 43 Resp: 4115
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8



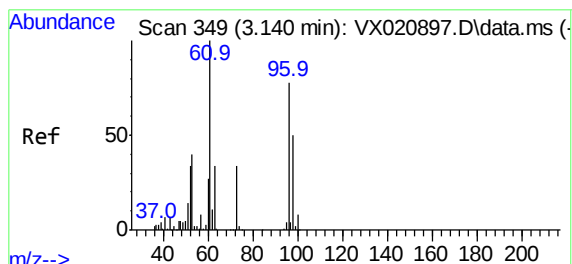
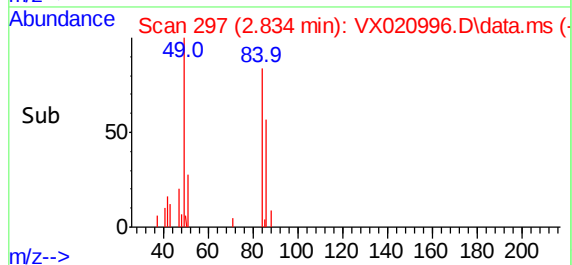
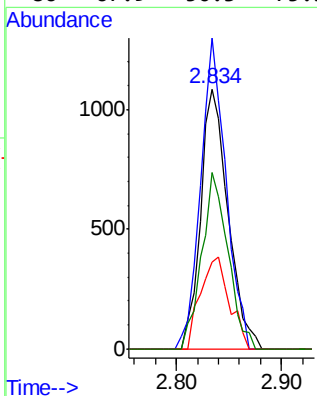
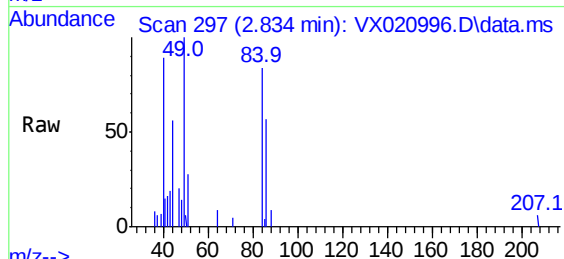


#20
Methylene Chloride
Concen: 0.69 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion: 84 Resp: 1962

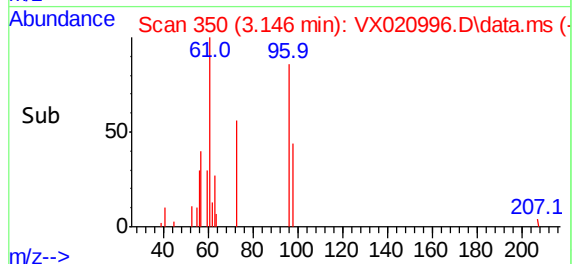
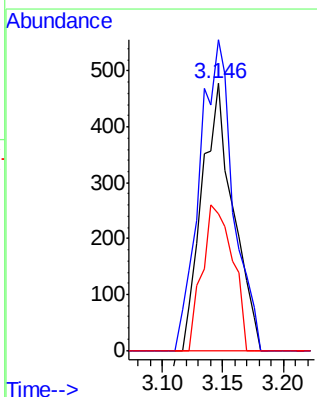
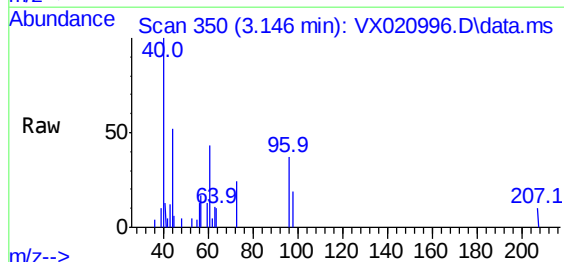
Ion	Ratio	Lower	Upper
84	100		
49	119.5	88.6	132.8
51	33.3	27.0	40.6
86	67.9	50.3	75.5

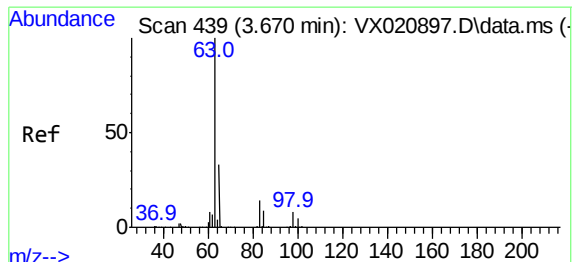


#21
trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 96 Resp: 856

Ion	Ratio	Lower	Upper
96	100		
61	116.3	107.7	161.5
98	51.3	50.4	75.6

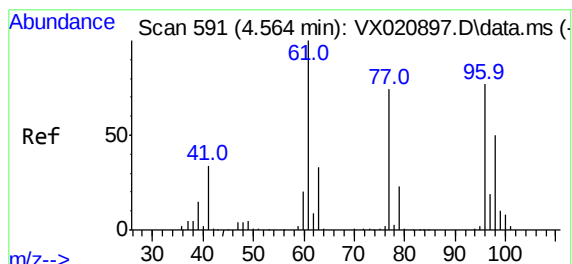
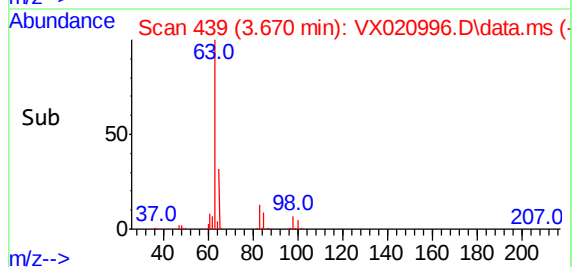
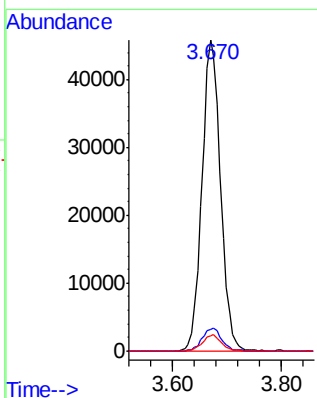
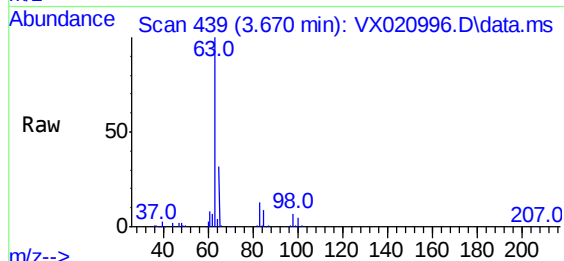




#24
1,1-Dichloroethane
Concen: 23.28 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

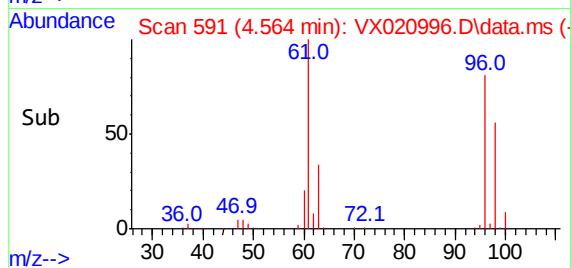
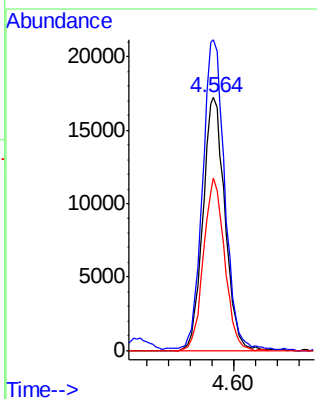
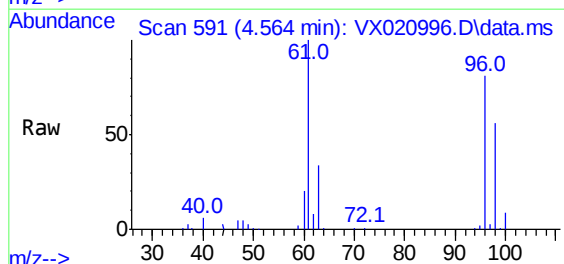
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ClientSampled :
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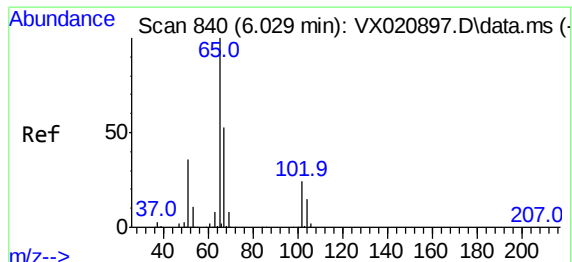
Tgt Ion: 63 Resp: 107554
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.2
100 5.0 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 15.59 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 96 Resp: 48160
Ion Ratio Lower Upper
96 100
61 123.4 0.0 285.6
98 65.2 0.0 129.6

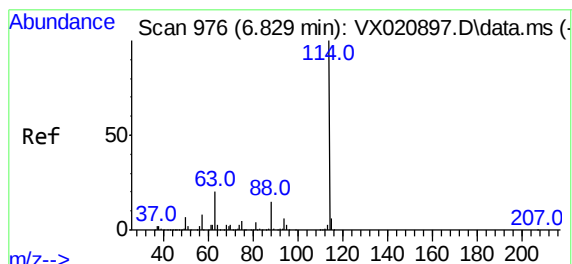
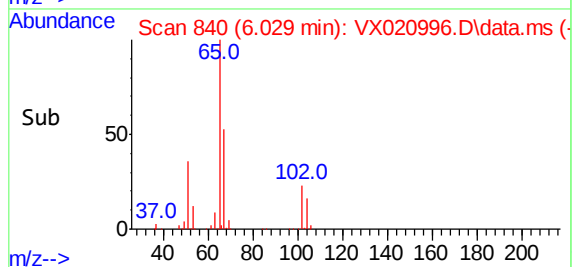
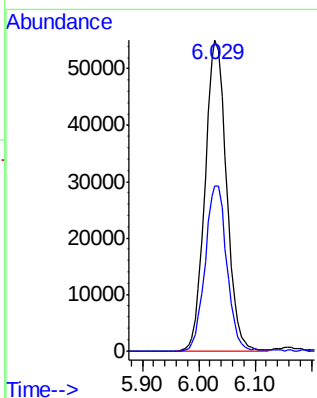
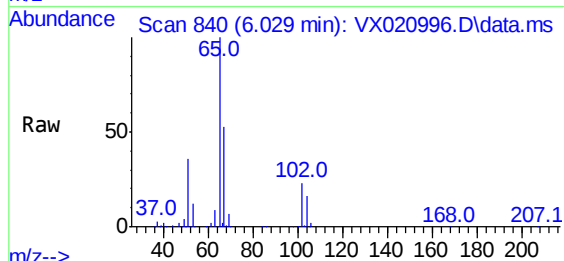




#33
1,2-Dichloroethane-d4
Concen: 50.35 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

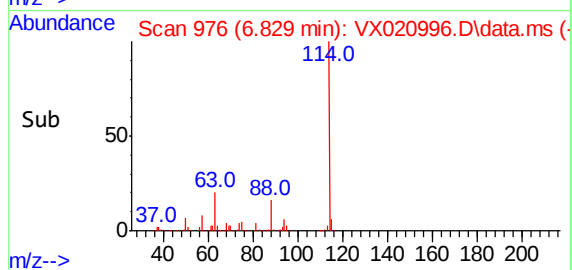
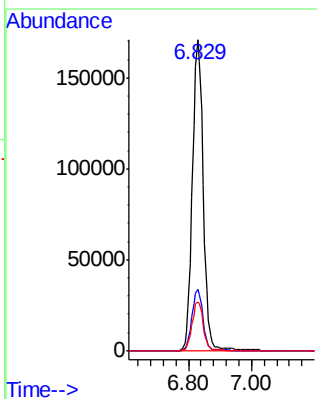
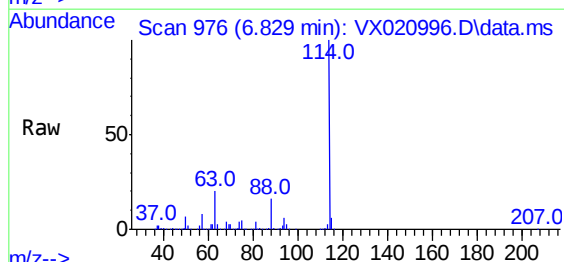
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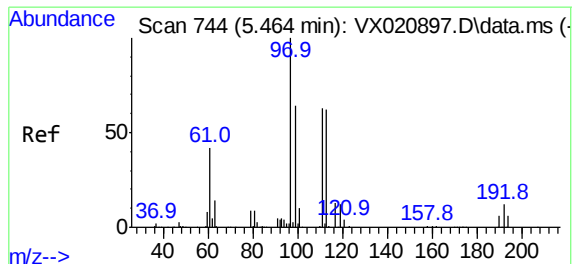
Tgt Ion: 65 Resp: 145071
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion:114 Resp: 405836
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.7 0.0 32.8

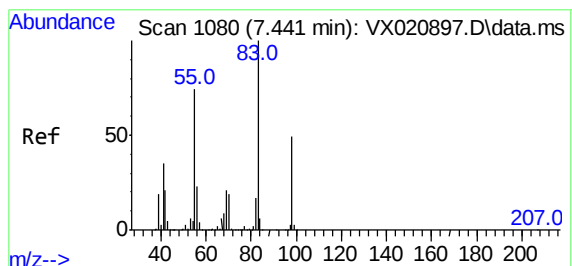
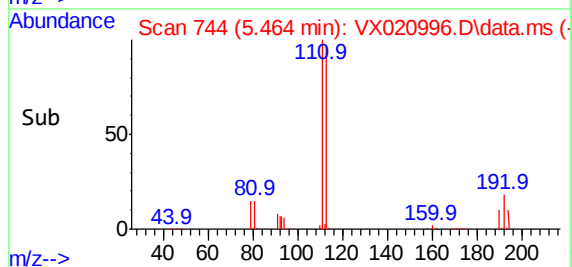
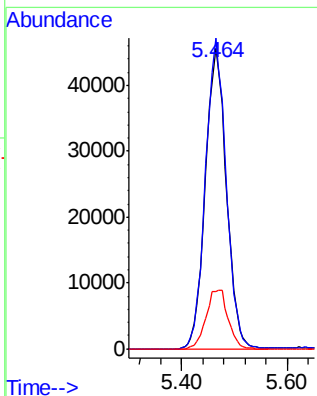
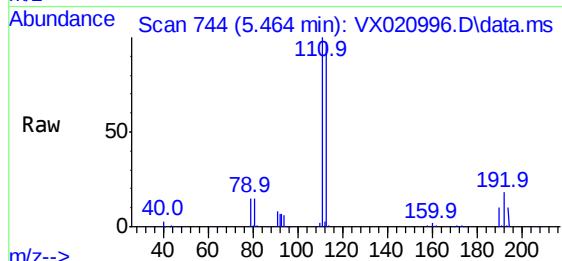




#35
Dibromofluoromethane
Concen: 51.21 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

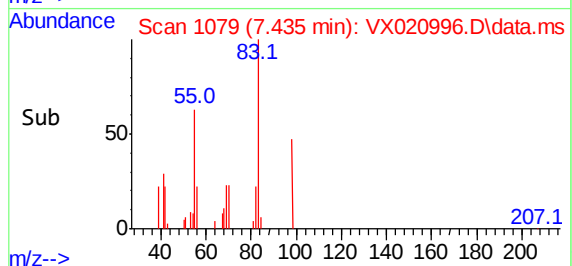
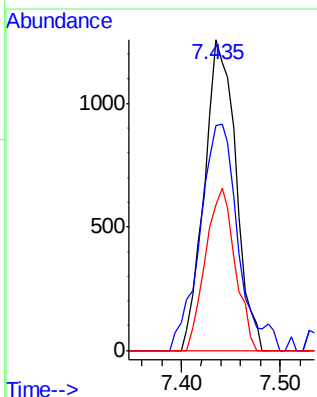
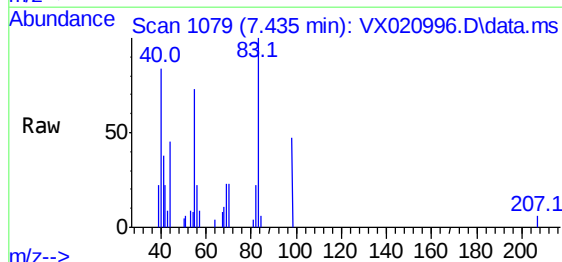
Instrument :
MSVOA_X
ClientSampleId :
MW-1

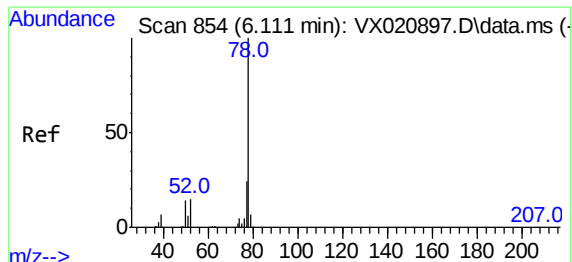
Tgt Ion:113 Resp: 126284
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.4 16.7 25.1



#39
Methylcyclohexane
Concen: 0.57 ug/l
RT: 7.435 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 83 Resp: 2751
Ion Ratio Lower Upper
83 100
55 66.9 58.9 88.3
98 46.7 38.1 57.1

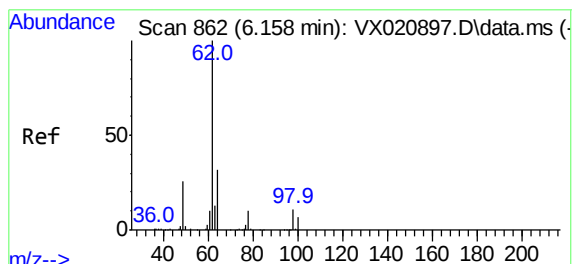
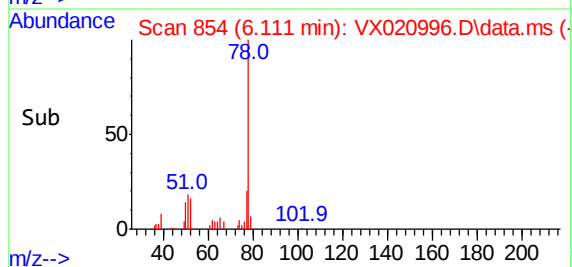
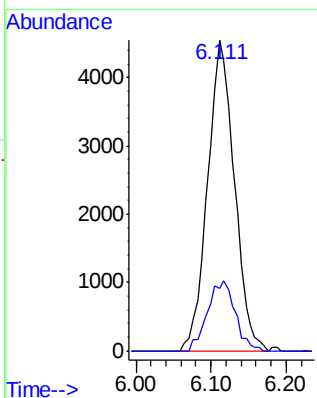
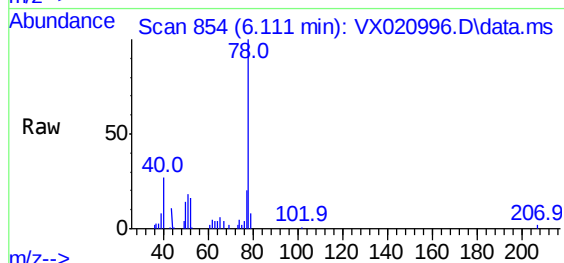




#40
Benzene
Concen: 0.97 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

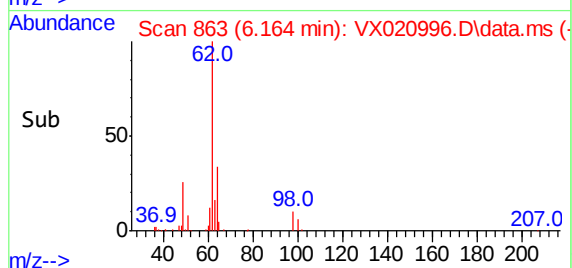
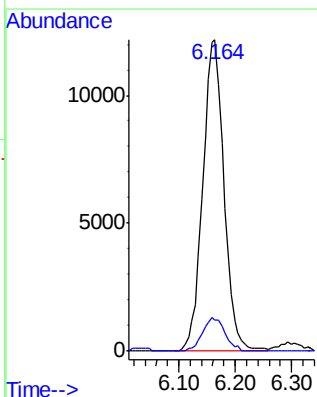
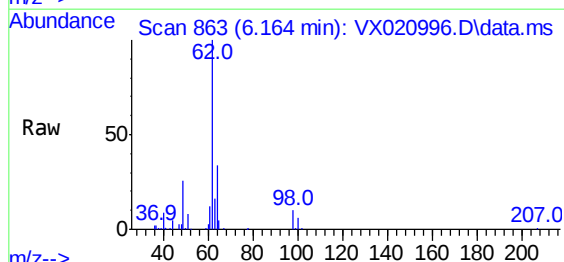
Instrument :
MSVOA_X
ClientSampled :
MW-1

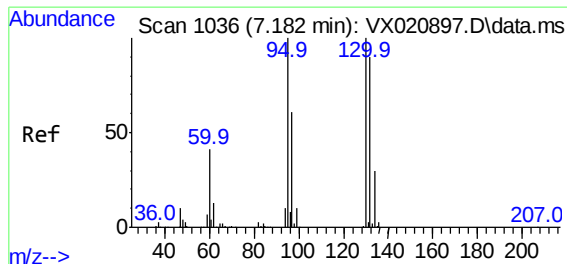
Tgt Ion: 78 Resp: 11190
Ion Ratio Lower Upper
78 100
77 20.1 18.9 28.3



#42
1,2-Dichloroethane
Concen: 8.22 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 62 Resp: 31591
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2

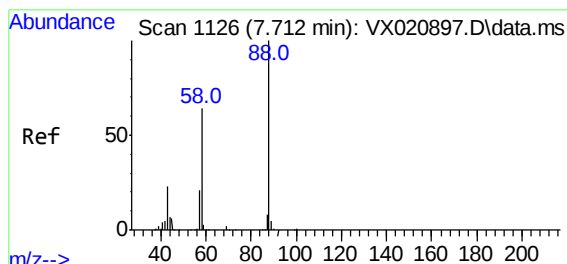
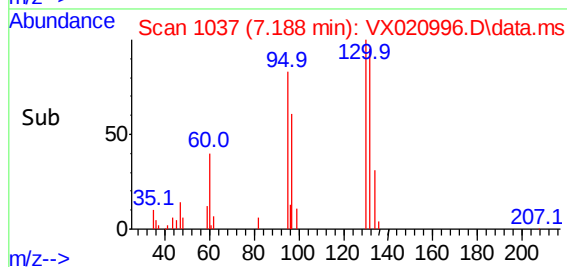
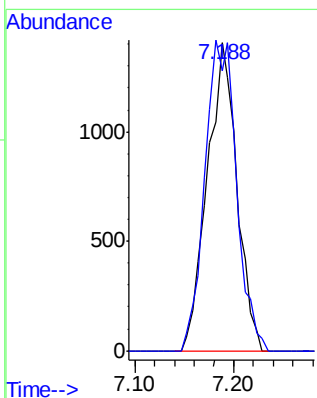
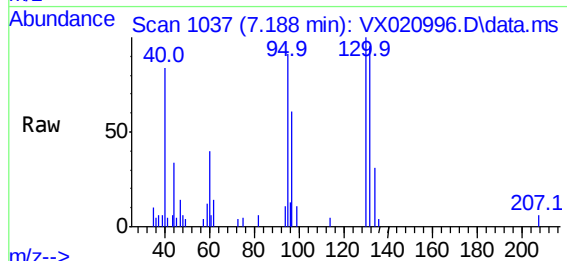




#44
Trichloroethene
Concen: 0.96 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

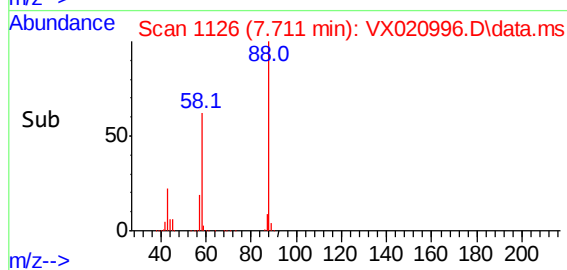
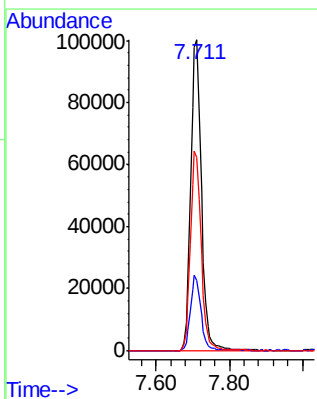
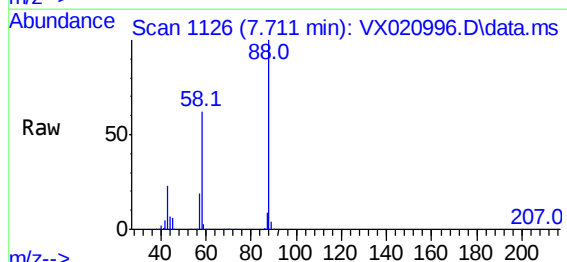
Instrument :
MSVOA_X
ClientSampled :
MW-1

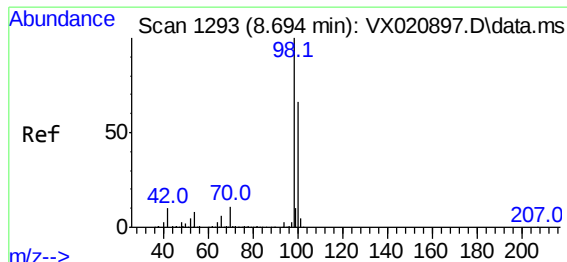
Tgt Ion:130 Resp: 2907
Ion Ratio Lower Upper
130 100
95 90.6 0.0 198.0



#49
1,4-Dioxane
Concen: 2702.05 ug/l
RT: 7.711 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 88 Resp: 197504
Ion Ratio Lower Upper
88 100
43 24.0 23.2 34.8
58 64.8 55.0 82.4

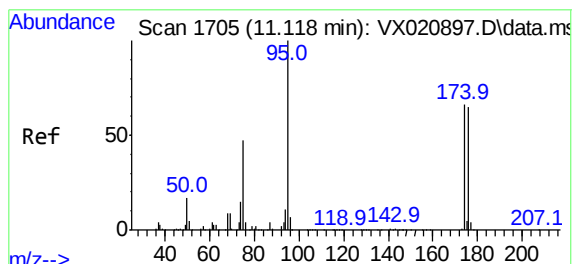
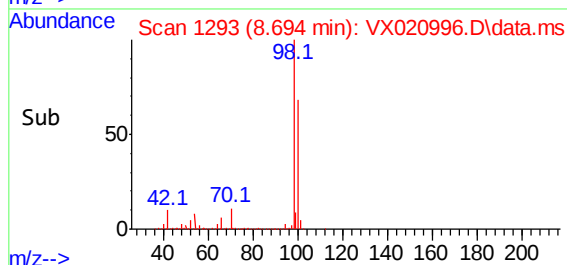
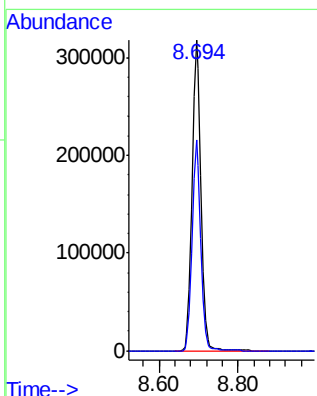
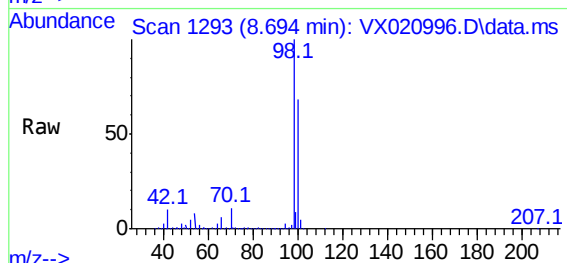




#50
Toluene-d8
Concen: 52.36 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

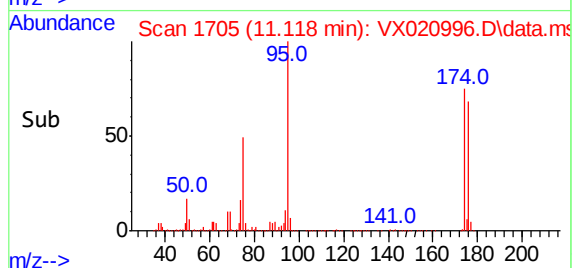
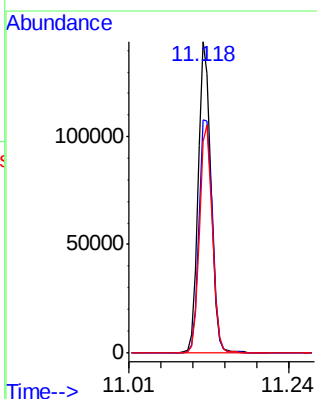
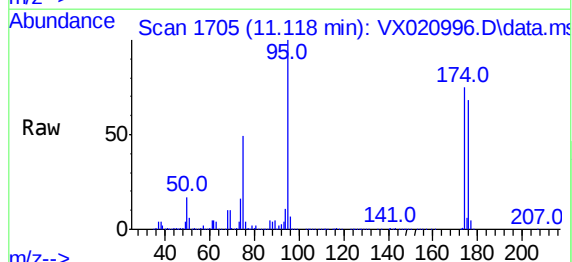
Instrument :
MSVOA_X
ClientSampled :
MW-1

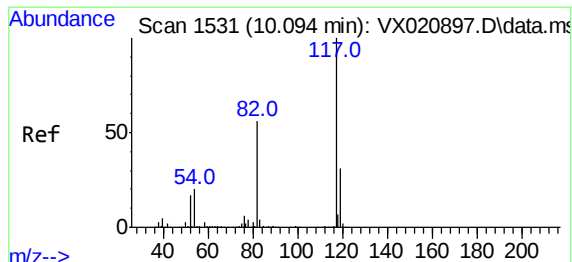
Tgt Ion: 98 Resp: 503367
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion: 95 Resp: 181073
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 73.2 0.0 155.8

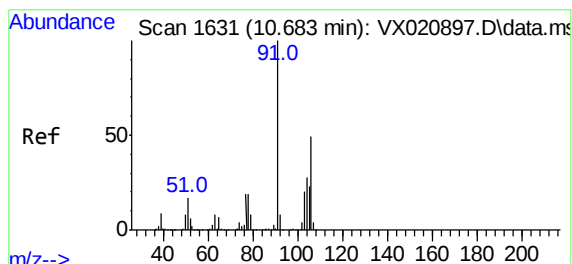
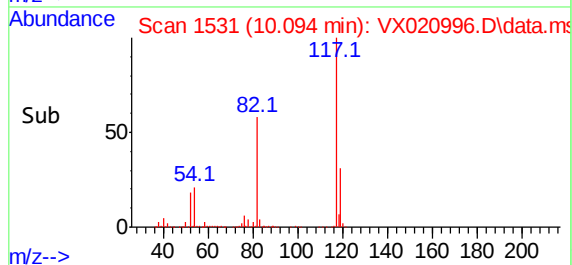
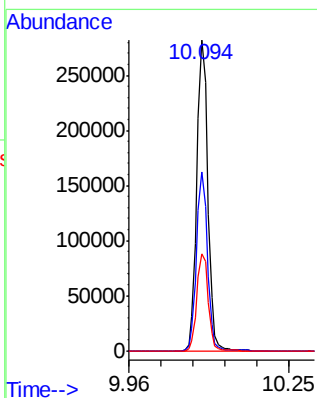
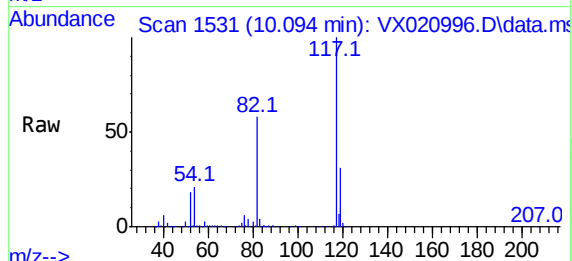




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

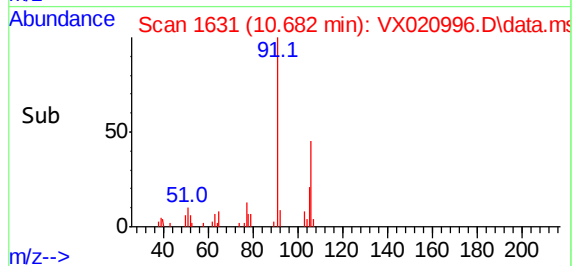
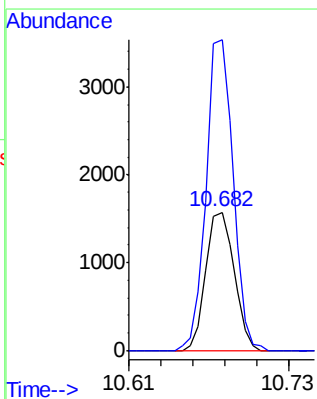
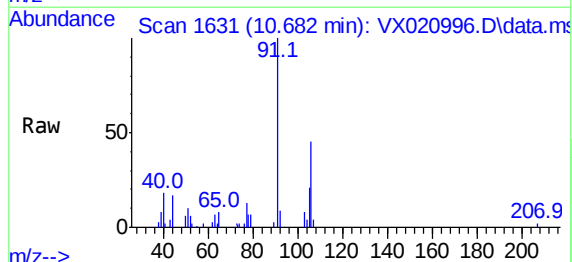
Instrument :
MSVOA_X
ClientSampled :
MW-1

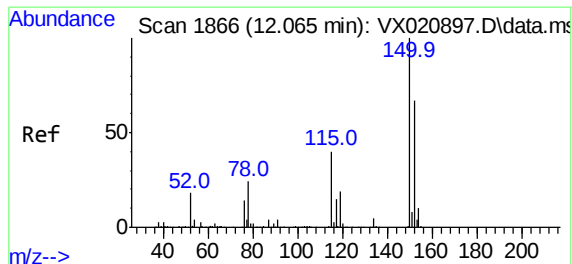
Tgt Ion:117 Resp: 379547
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.4 26.6 39.8



#69
o-Xylene
Concen: 0.44 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion:106 Resp: 2297
Ion Ratio Lower Upper
106 100
91 213.1 108.1 324.2

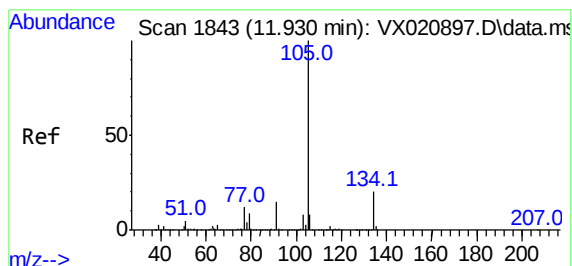
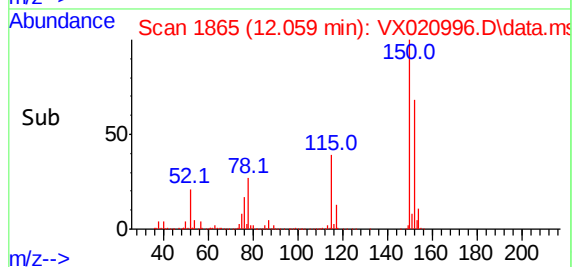
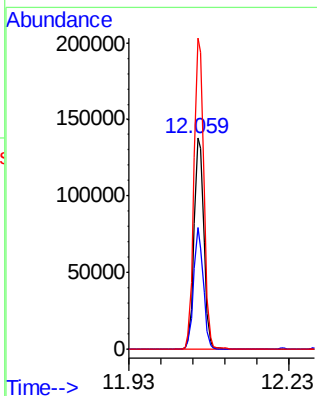
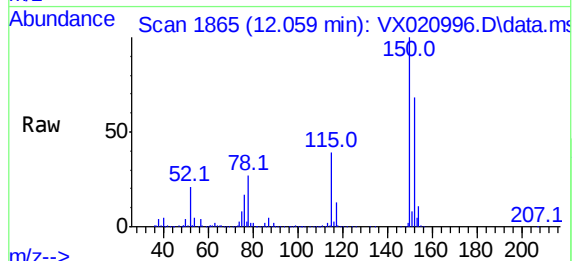




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion:152 Resp: 170218
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 149.7 0.0 349.0



#85
sec-Butylbenzene
Concen: 0.32 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX020996.D
Acq: 03 Mar 2021 14:09

Tgt Ion:105 Resp: 4108
Ion Ratio Lower Upper
105 100
134 27.9 10.0 29.8

