

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020982.D
 Acq On : 02 Mar 2021 22:10
 Operator : JC/MD
 Sample : M1536-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Mar 03 01:20:22 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)

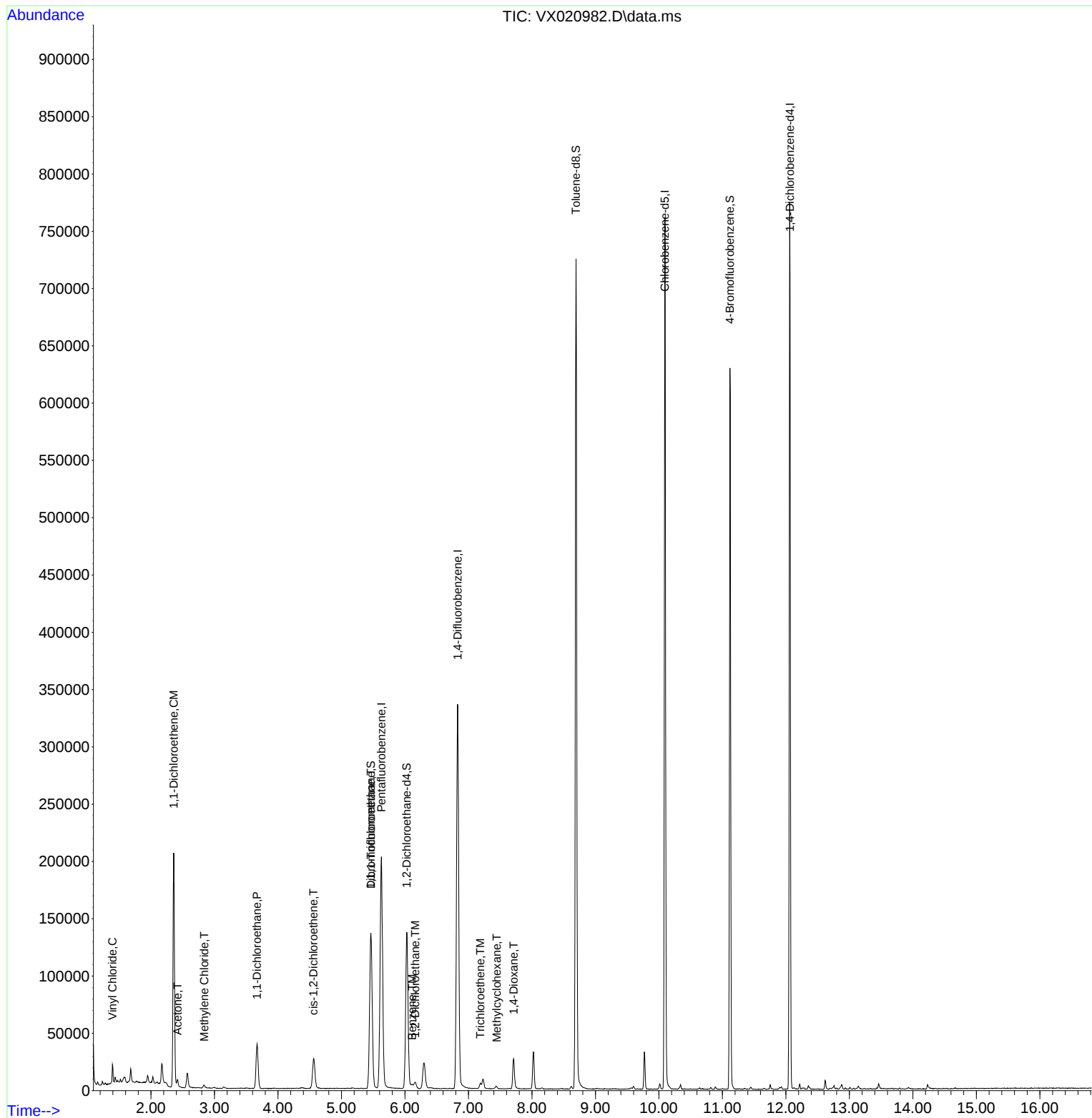
Internal Standards						
1) Pentafluorobenzene	5.629	168	192522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	359226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	355850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	164557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127857	49.17	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.34%
35) Dibromofluoromethane	5.464	113	111489	51.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.16%
50) Toluene-d8	8.694	98	450813	52.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.94%
62) 4-Bromofluorobenzene	11.118	95	173645	55.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.36%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.393	62	9762	3.67	ug/l	95
12) 1,1-Dichloroethene	2.358	96	71255	33.07	ug/l	97
16) Acetone	2.417	43	7119	6.64	ug/l	97
20) Methylene Chloride	2.840	84	926	0.36	ug/l	94
24) 1,1-Dichloroethane	3.670	63	43503	10.43	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	17317	6.21	ug/l	90
32) 1,1,1-Trichloroethane	5.464	97	8596	2.35	ug/l	98
39) Methylcyclohexane	7.447	83	983	0.23	ug/l #	90
40) Benzene	6.111	78	3948	0.39	ug/l	97
42) 1,2-Dichloroethane	6.164	62	5939	1.75	ug/l	98
44) Trichloroethene	7.188	130	1660	0.62	ug/l	95
49) 1,4-Dioxane	7.712	88	20940	323.65	ug/l	95

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

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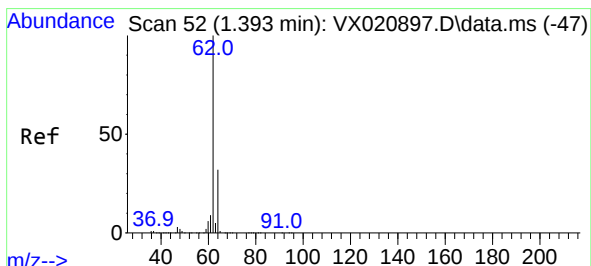
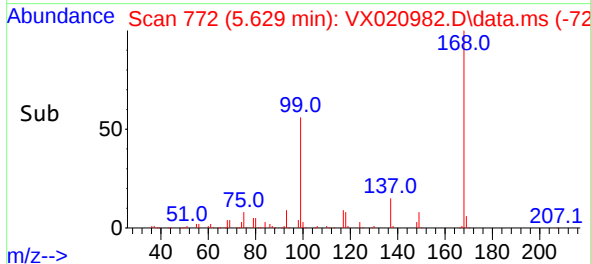
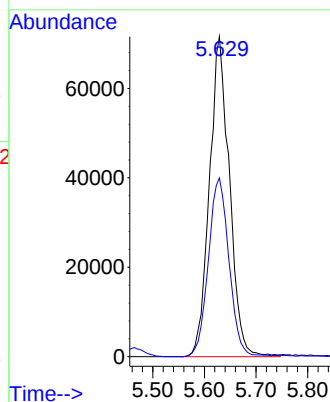
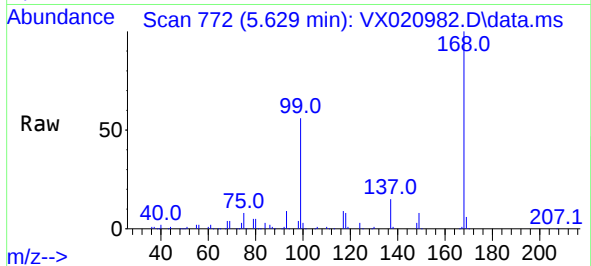




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

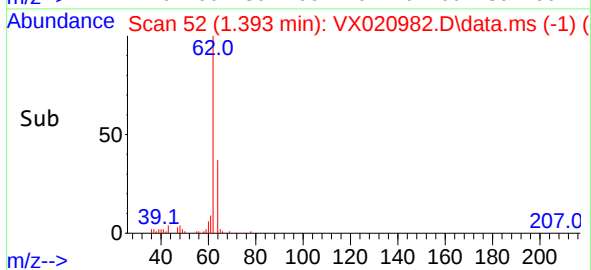
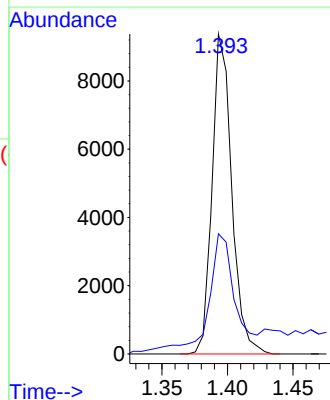
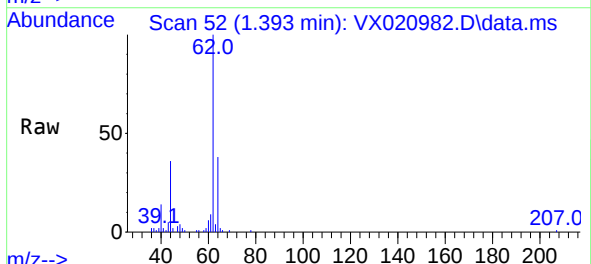
Instrument :
MSVOA_X
ClientSampled :
MW-2

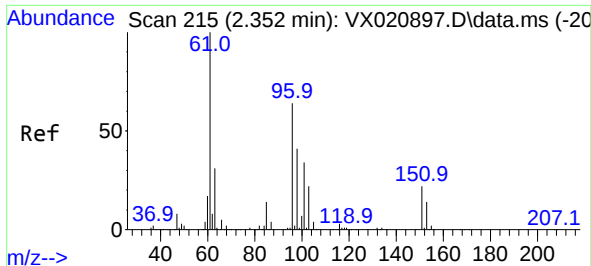
Tgt Ion:168 Resp: 192522
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.6



#4
Vinyl Chloride
Concen: 3.67 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 62 Resp: 9762
Ion Ratio Lower Upper
62 100
64 34.8 25.7 38.5

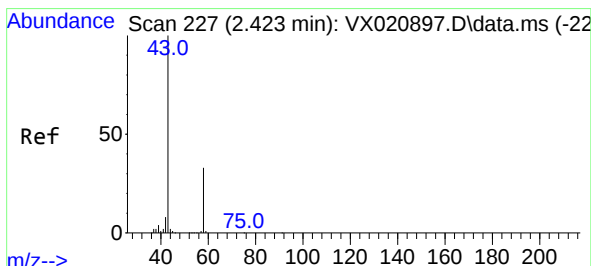
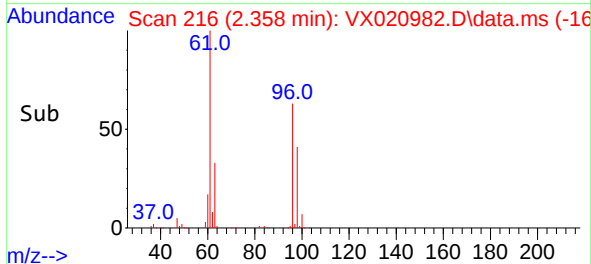
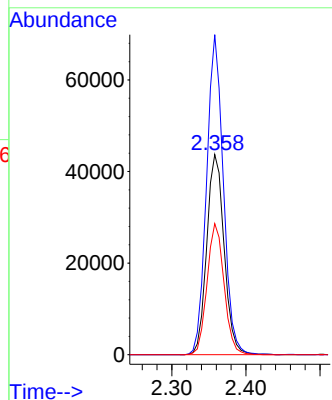
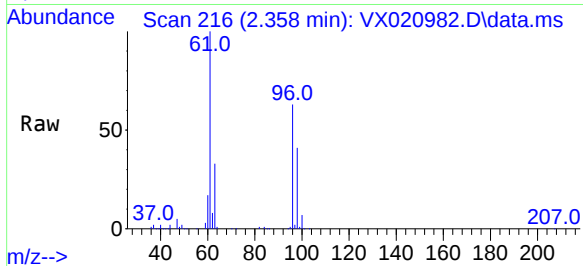




#12
1,1-Dichloroethene
Concen: 33.07 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

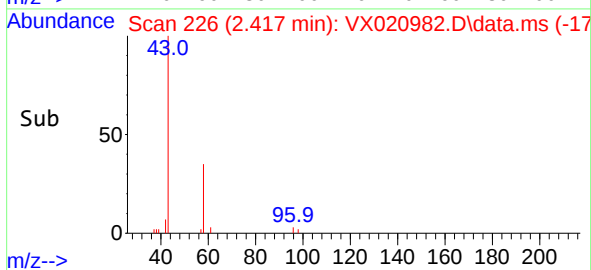
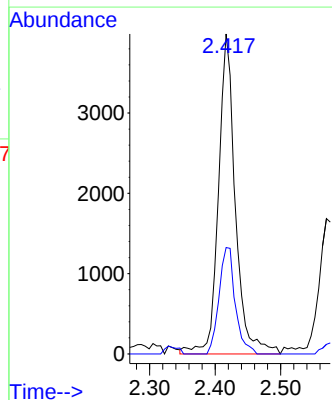
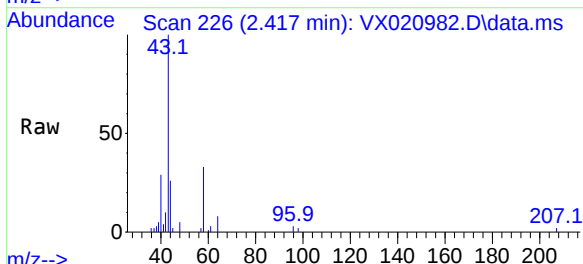
Instrument :
MSVOA_X
ClientSampled :
MW-2

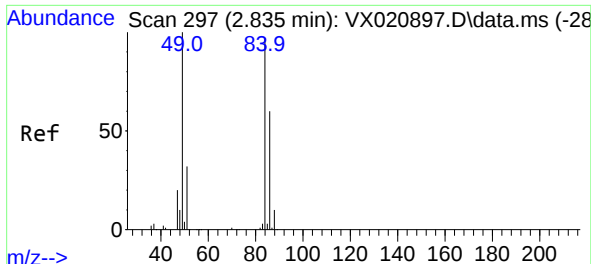
Tgt Ion: 96 Resp: 71255
Ion Ratio Lower Upper
96 100
61 159.8 124.6 187.0
98 65.5 50.6 76.0



#16
Acetone
Concen: 6.64 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.36 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX020982.D

Acq: 02 Mar 2021 22:10

Tgt Ion: 84 Resp: 926

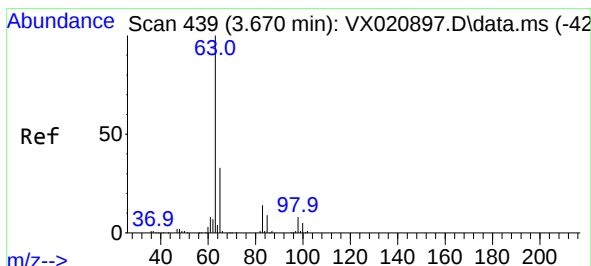
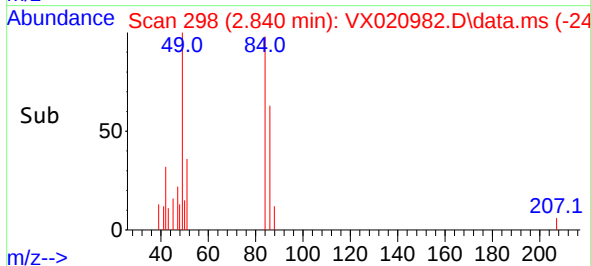
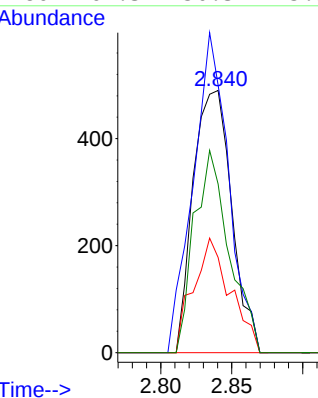
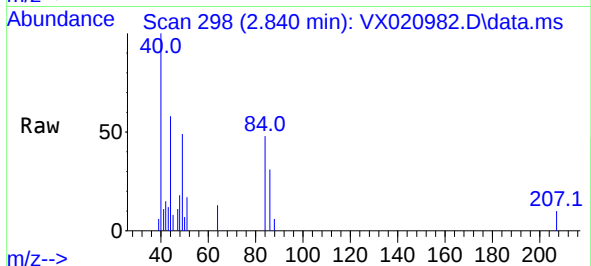
Ion Ratio Lower Upper

84 100

49 102.0 88.6 132.8

51 36.3 27.0 40.6

86 64.3 50.3 75.5



#24

1,1-Dichloroethane

Concen: 10.43 ug/l

RT: 3.670 min Scan# 439

Delta R.T. -0.000 min

Lab File: VX020982.D

Acq: 02 Mar 2021 22:10

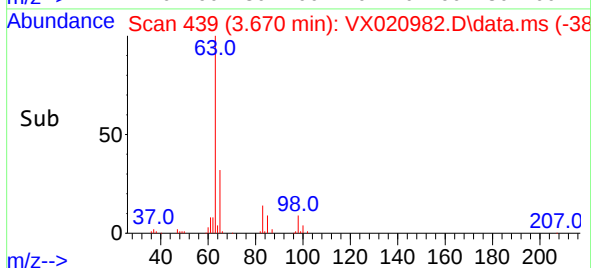
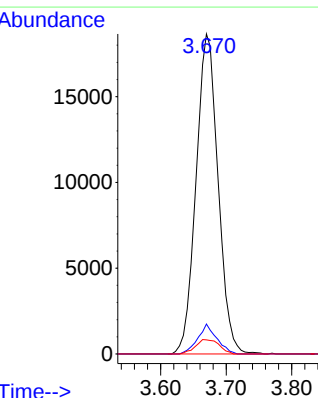
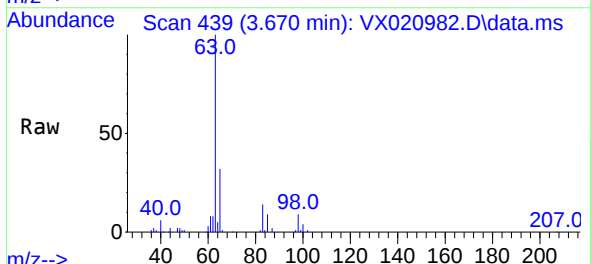
Tgt Ion: 63 Resp: 43503

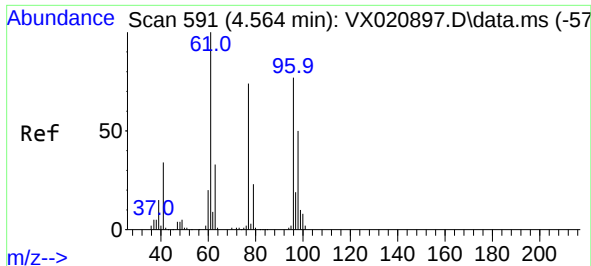
Ion Ratio Lower Upper

63 100

98 9.3 3.8 11.2

100 4.4 2.5 7.5





#27

cis-1,2-Dichloroethene

Concen: 6.21 ug/l

RT: 4.558 min Scan# 590

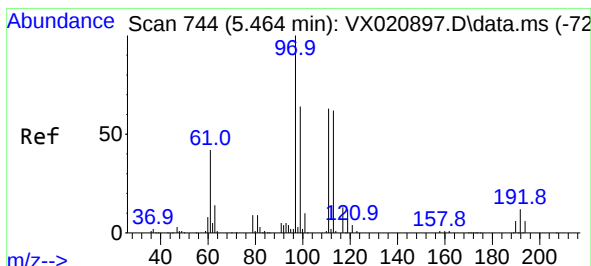
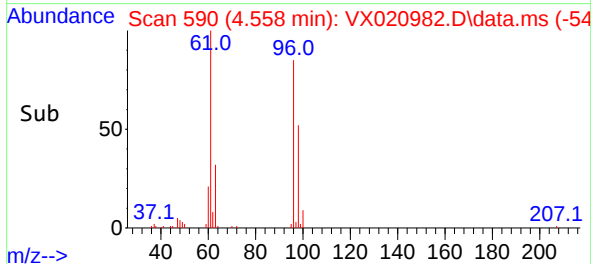
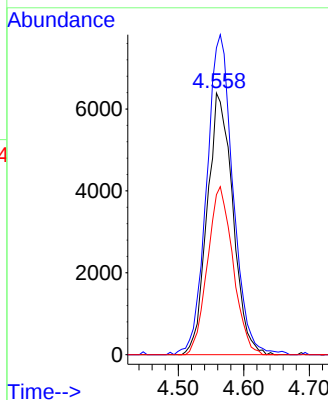
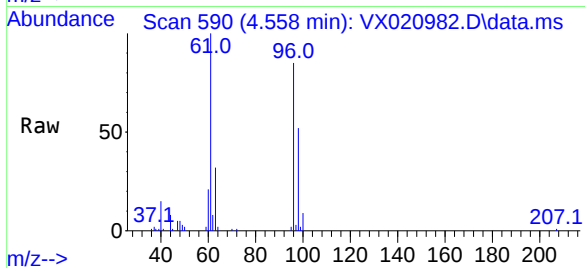
Delta R.T. -0.006 min

Lab File: VX020982.D

Acq: 02 Mar 2021 22:10

Tgt Ion: 96 Resp: 17317

Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	285.6
98	63.9	0.0	129.6



#32

1,1,1-Trichloroethane

Concen: 2.35 ug/l

RT: 5.464 min Scan# 744

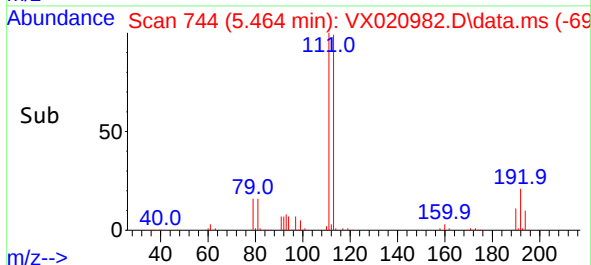
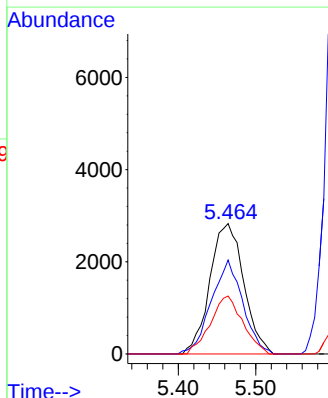
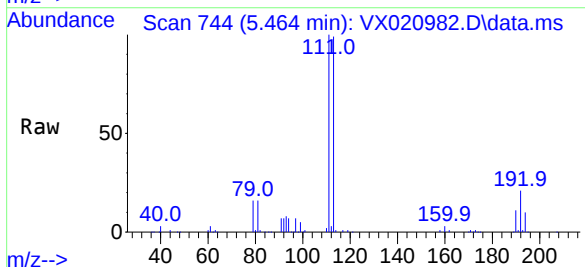
Delta R.T. -0.000 min

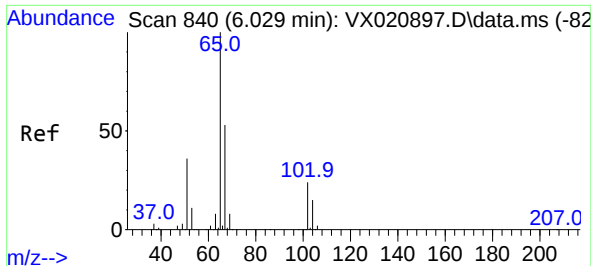
Lab File: VX020982.D

Acq: 02 Mar 2021 22:10

Tgt Ion: 97 Resp: 8596

Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.5	77.3
61	42.5	34.2	51.4



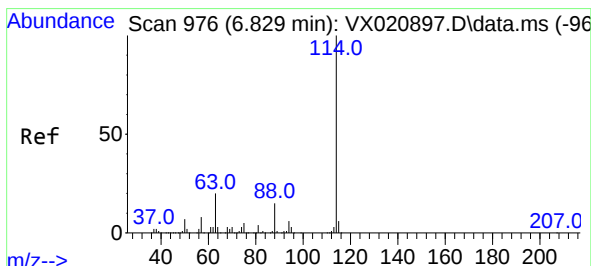
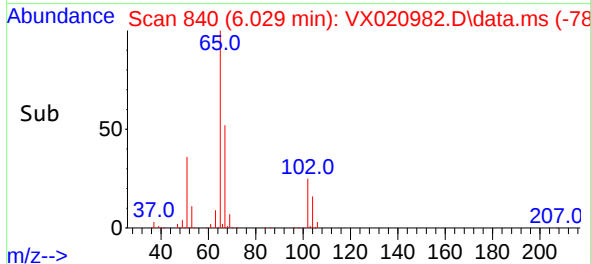
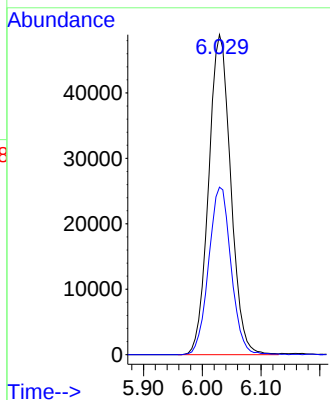
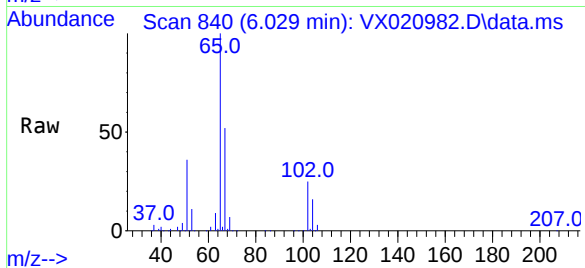


#33

1,2-Dichloroethane-d4
Concen: 49.17 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Instrument :
MSVOA_X
ClientSampleId :
MW-2

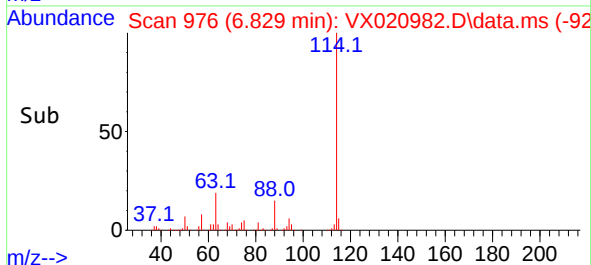
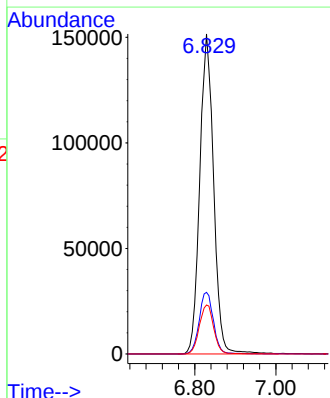
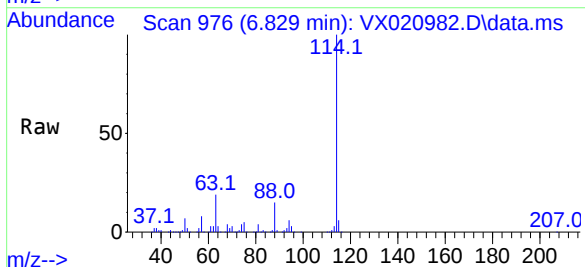
Tgt Ion: 65 Resp: 127857
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

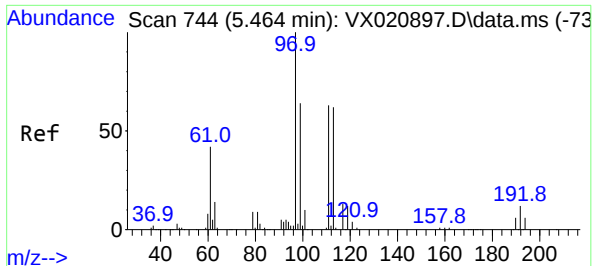


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 114 Resp: 359226
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.3 0.0 32.8

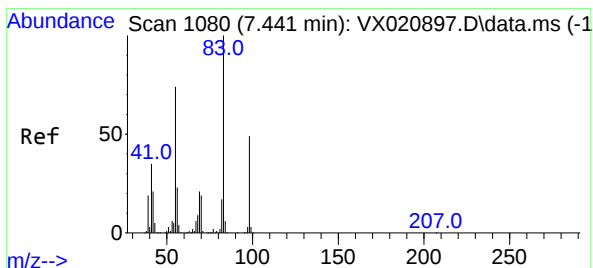
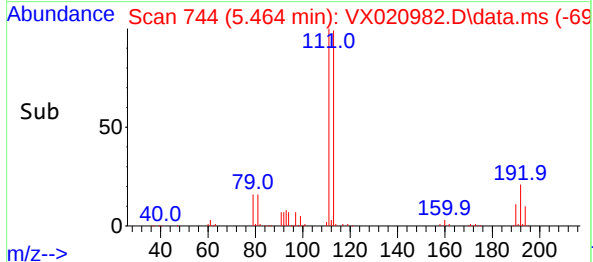
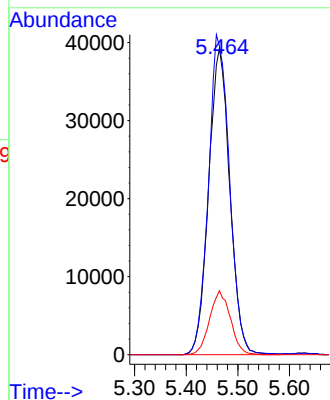
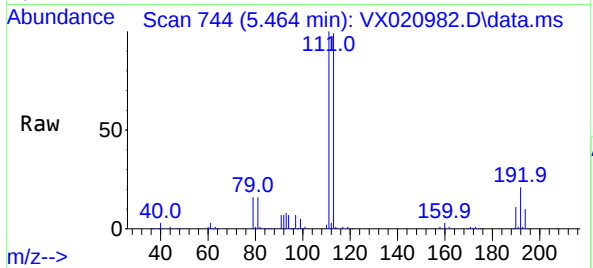




#35
Dibromofluoromethane
Concen: 51.08 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

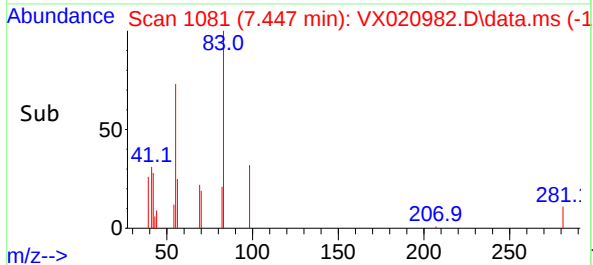
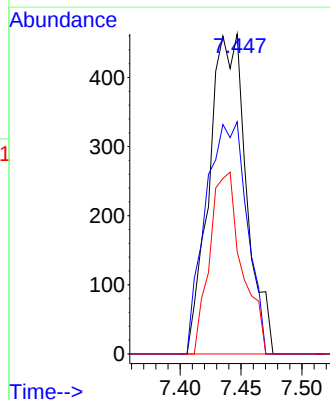
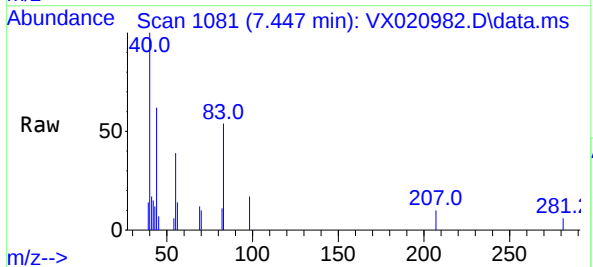
Instrument :
MSVOA_X
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MW-2

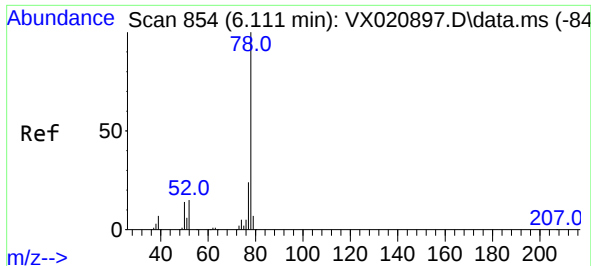
Tgt Ion:113 Resp: 111489
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 20.5 16.7 25.1



#39
Methylcyclohexane
Concen: 0.23 ug/l
RT: 7.447 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 83 Resp: 983
Ion Ratio Lower Upper
83 100
55 72.6 58.9 88.3
98 32.0 38.1 57.1#

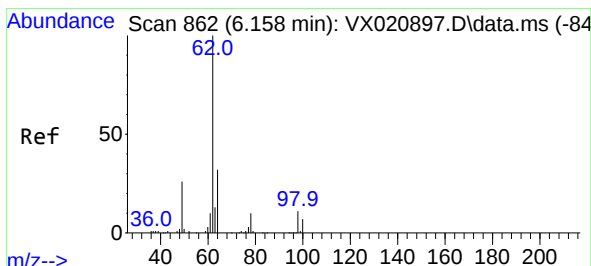
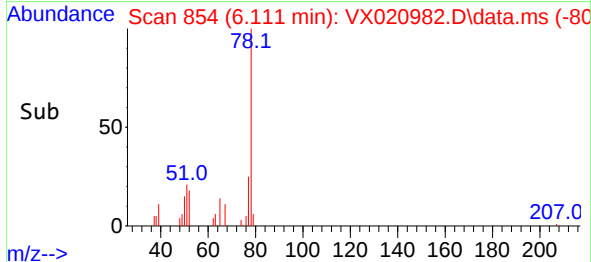
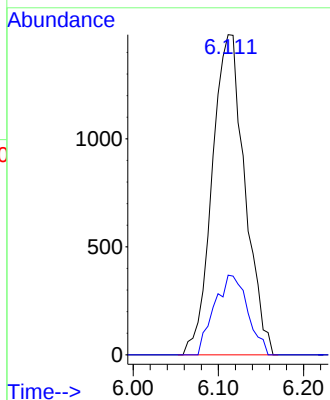
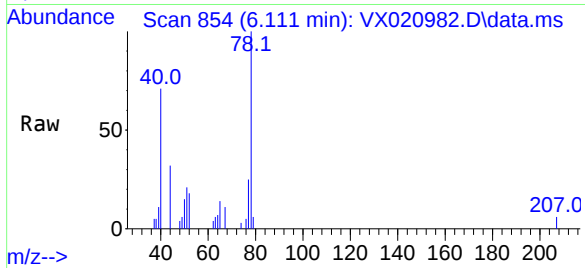




#40
Benzene
Concen: 0.39 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

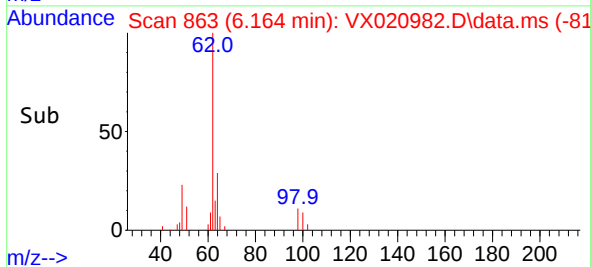
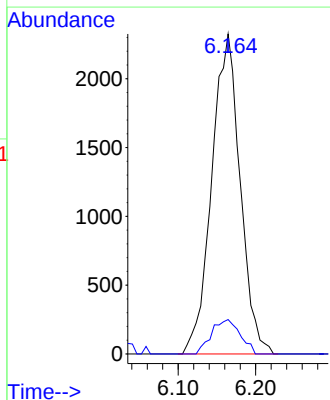
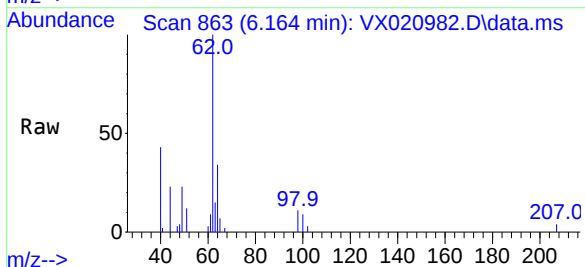
Instrument :
MSVOA_X
ClientSampled :
MW-2

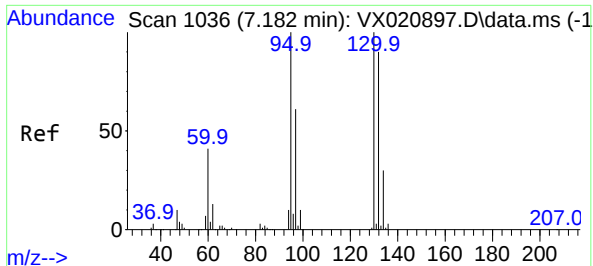
Tgt Ion: 78 Resp: 3948
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3



#42
1,2-Dichloroethane
Concen: 1.75 ug/l
RT: 6.164 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 62 Resp: 5939
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2

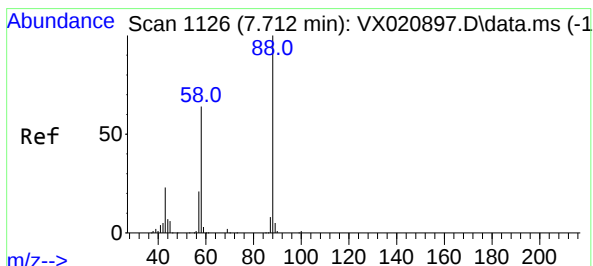
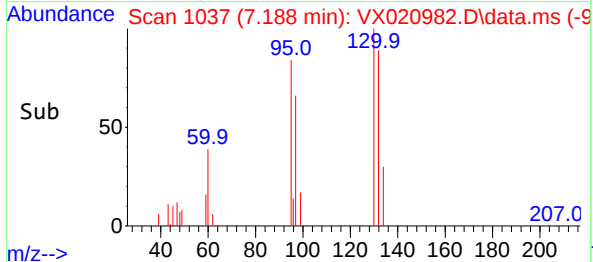
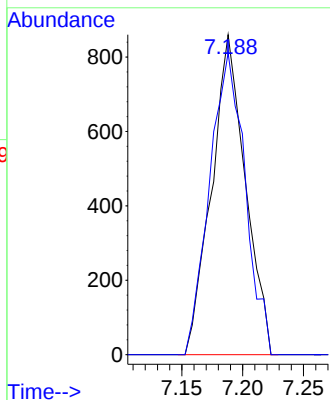
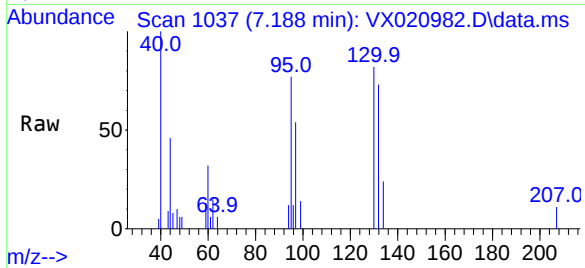




#44
Trichloroethene
Concen: 0.62 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

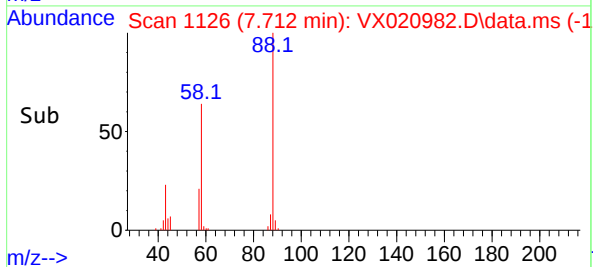
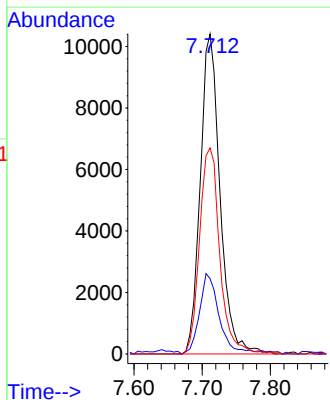
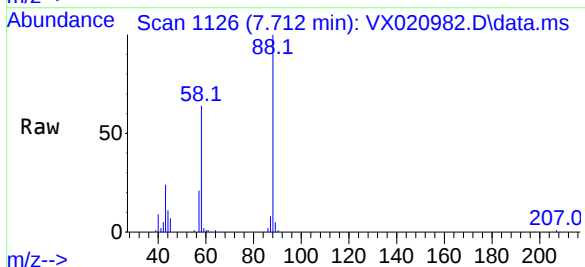
Instrument :
MSVOA_X
ClientSampled :
MW-2

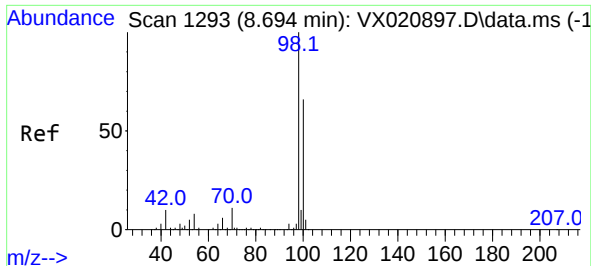
Tgt Ion:130 Resp: 1660
Ion Ratio Lower Upper
130 100
95 94.3 0.0 198.0



#49
1,4-Dioxane
Concen: 323.65 ug/l
RT: 7.712 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 88 Resp: 20940
Ion Ratio Lower Upper
88 100
43 24.9 23.2 34.8
58 66.1 55.0 82.4

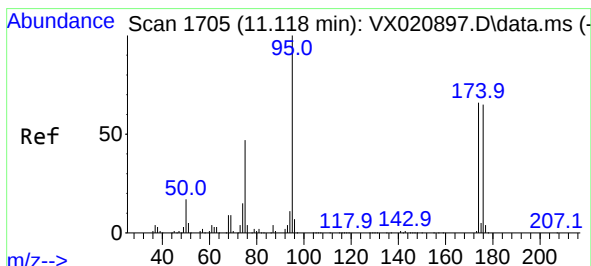
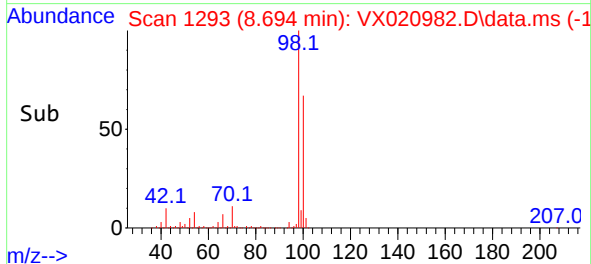
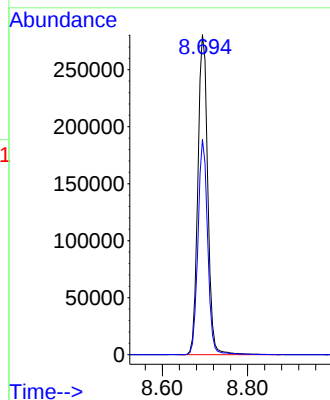
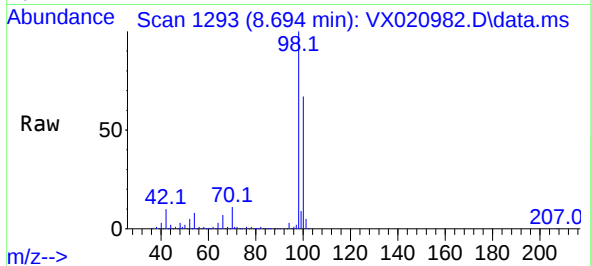




#50
Toluene-d8
Concen: 52.97 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

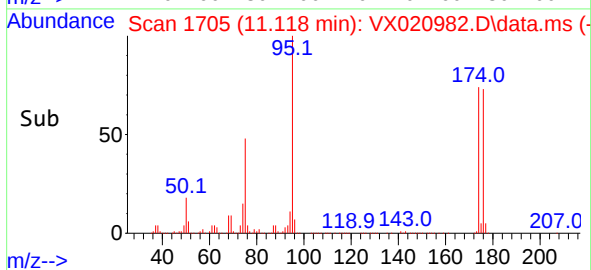
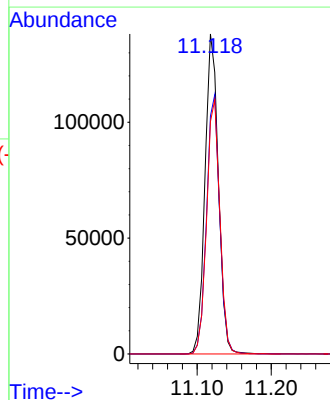
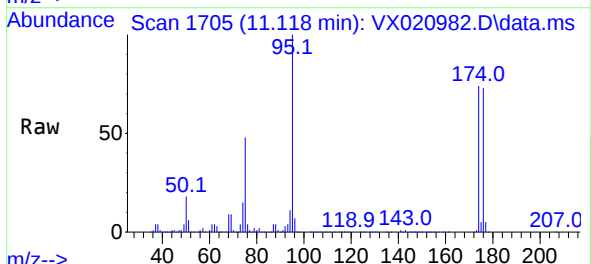
Instrument :
MSVOA_X
ClientSampled :
MW-2

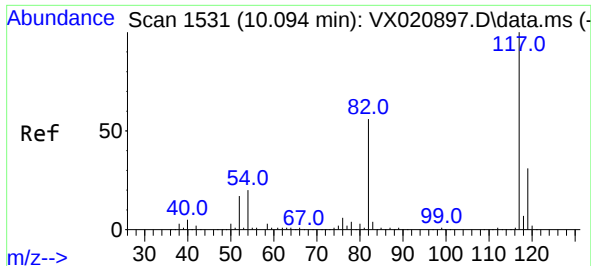
Tgt Ion: 98 Resp: 450813
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.18 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion: 95 Resp: 173645
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 78.6 0.0 155.8

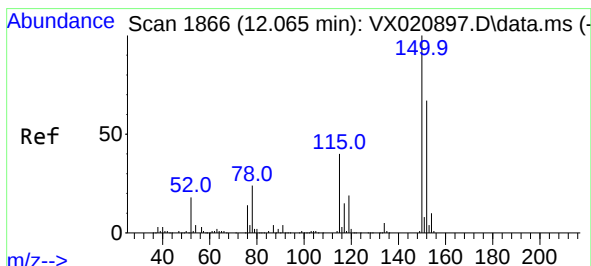
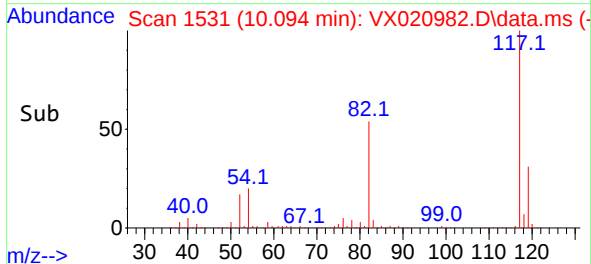
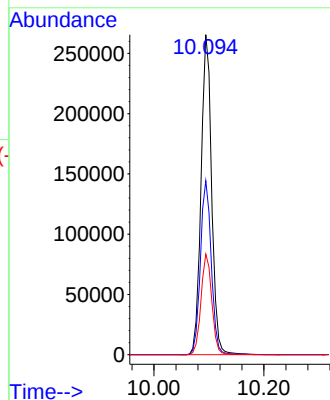
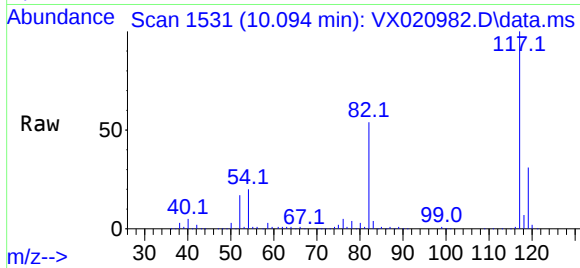




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020982.D
Acq: 02 Mar 2021 22:10

Instrument :
MSVOA_X
ClientSampled :
MW-2

Tgt Ion:117 Resp: 355850
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 31.5 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: VX020982.D
Acq: 02 Mar 2021 22:10

Tgt Ion:152 Resp: 164557
Ion Ratio Lower Upper
152 100
115 57.3 41.1 123.3
150 155.6 0.0 349.0

