

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022008.D
 Acq On : 14 May 2021 20:38
 Operator : JC/MD
 Sample : M2410-05
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N0

Quant Time: May 14 23:41:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

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

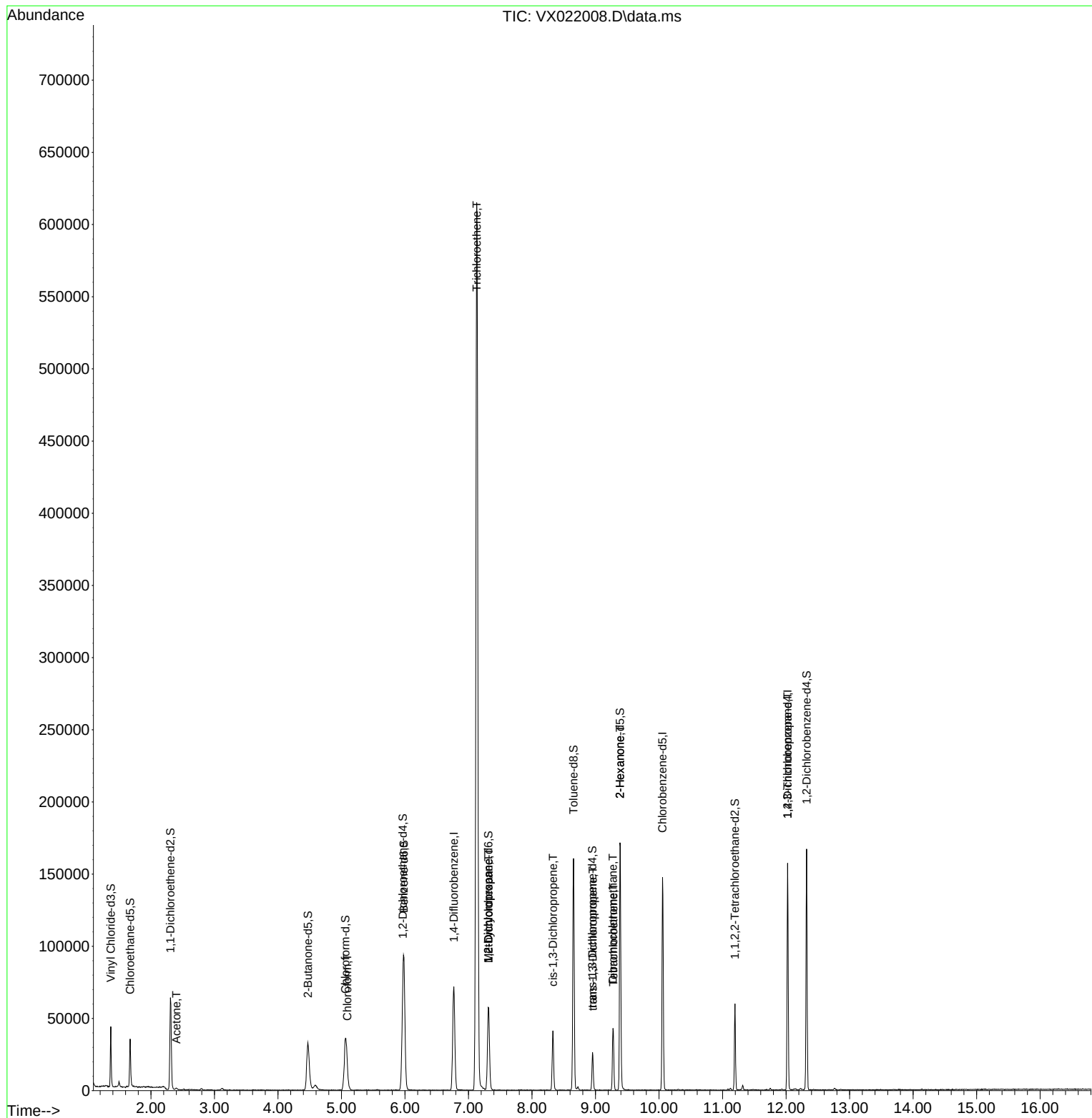
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73169	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	64415	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29982	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25452	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.672	69	19811	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.306	63	35130	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.471	46	60271	42.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	5.062	84	45041	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.964	65	23872	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.983	84	99962	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	7.312	67	29549	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	8.653	98	93703	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.952	79	12121	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	9.384	63	52512	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	20845	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	29083	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						Qvalue
13) Acetone	2.398	43	1676	2.29	ug/L	77
25) Chloroform	5.093	83	3368	0.33	ug/L	91
34) Trichloroethene	7.129	95	231022	39.89	ug/L	94
35) Methylcyclohexane	7.312	83	7156	0.72	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	3167	0.59	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	936	0.11	ug/L	92
44) trans-1,3-Dichloropropene	8.958	75	659	0.09	ug/L	90
47) Tetrachloroethene	9.281	164	7618	1.97	ug/L	88
48) 2-Hexanone	9.384	43	5944	2.53	ug/L #	66
49) Dibromochloromethane	9.275	129	7892	1.81	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4287	1.38	ug/L #	63

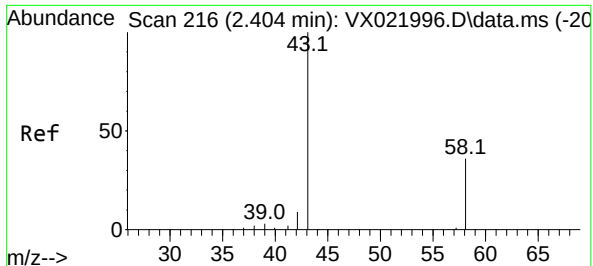
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 23:41:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 14 23:38:54 2021
Response via : Initial Calibration

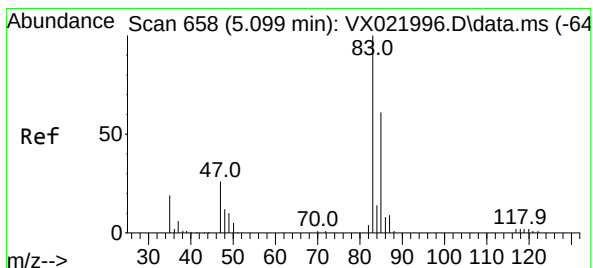
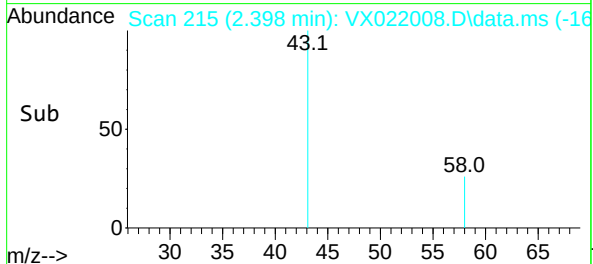
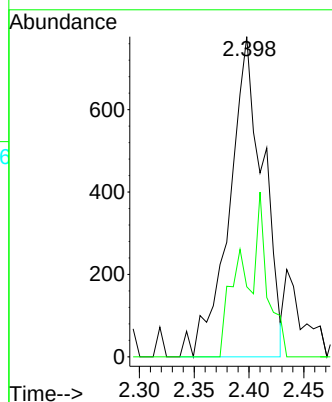
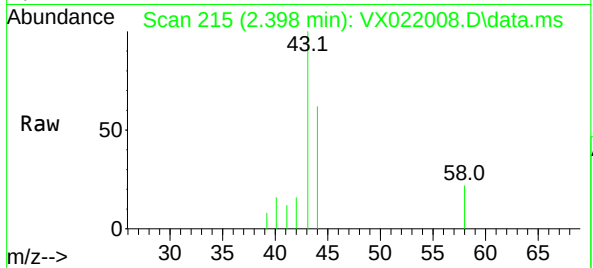




#13
Acetone
Concen: 2.29 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

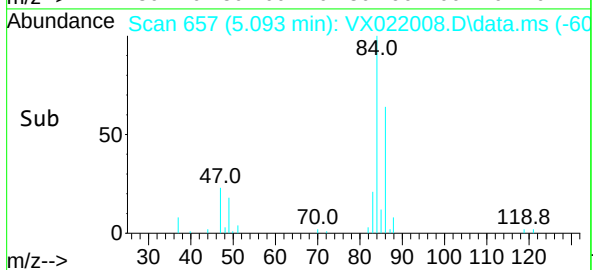
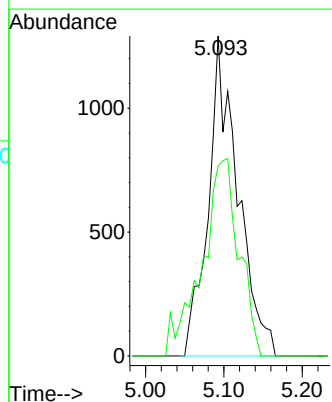
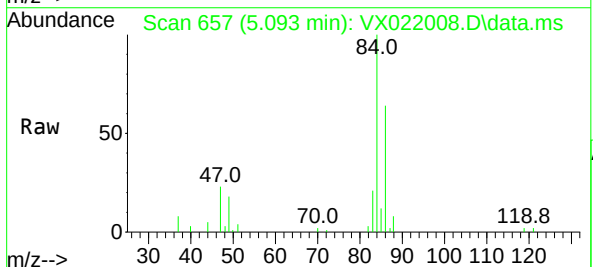
Instrument :
MSVOA_X
ClientSampleId :
BG6N0

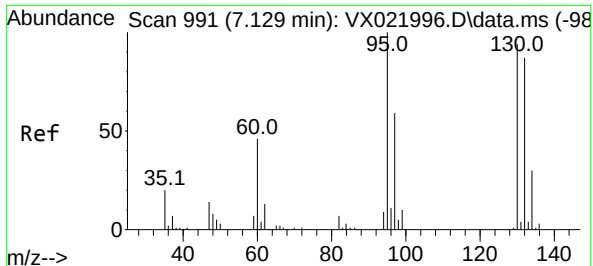
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
58 20.2 0.0 66.4



#25
Chloroform
Concen: 0.33 ug/L
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

Tgt Ion: 83 Resp: 3368
Ion Ratio Lower Upper
83 100
85 59.4 46.3 86.1

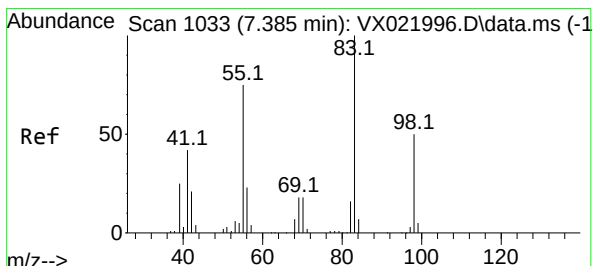
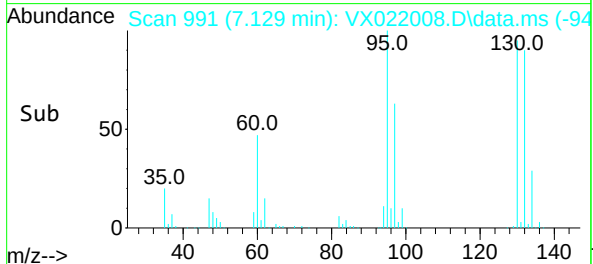
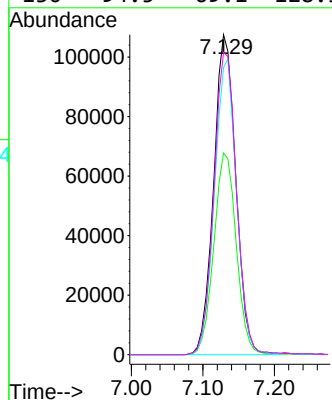
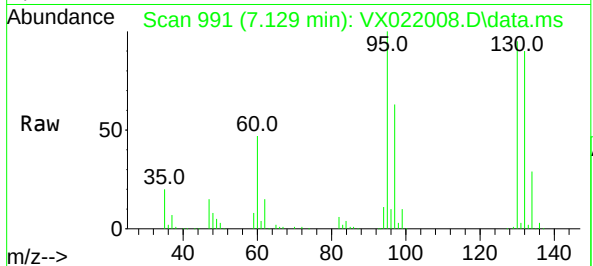




#34
Trichloroethene
Concen: 39.89 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

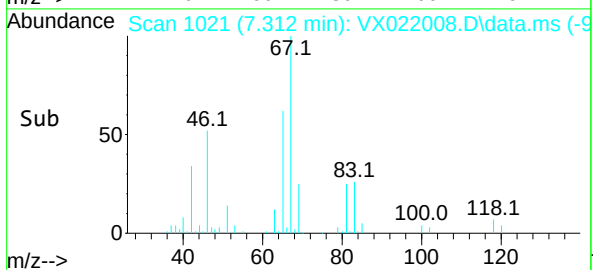
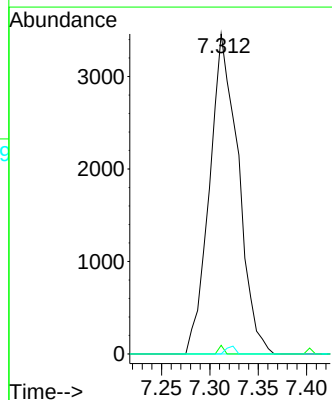
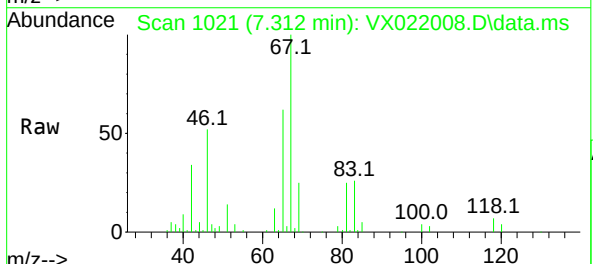
Instrument :
MSVOA_X
ClientSampled :
BG6N0

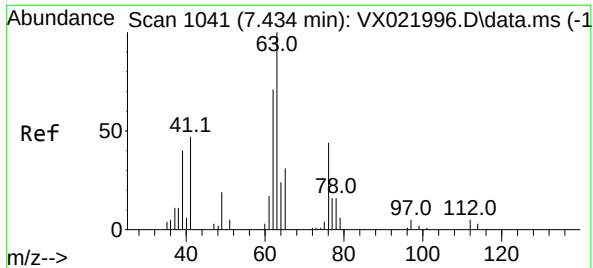
Tgt Ion: 95 Resp: 231022
Ion Ratio Lower Upper
95 100
97 63.0 48.6 90.2
132 89.7 67.3 125.1
130 94.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

Tgt Ion: 83 Resp: 7156
Ion Ratio Lower Upper
83 100
55 0.5 60.3 90.5#
98 0.0 39.4 59.2#

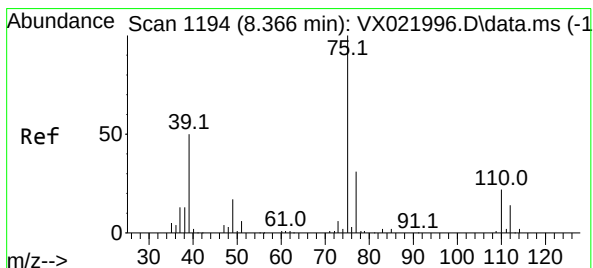
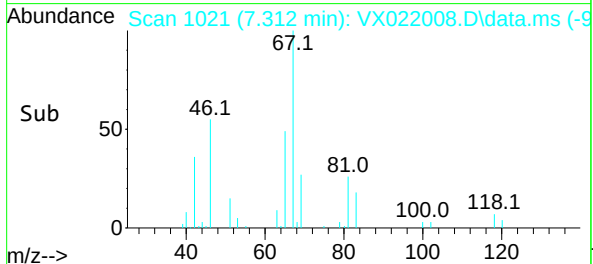
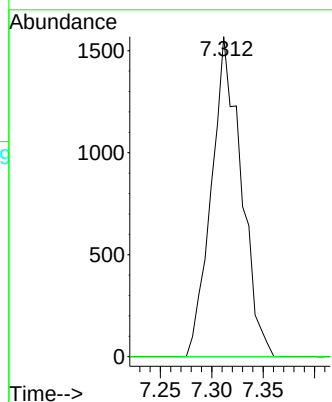
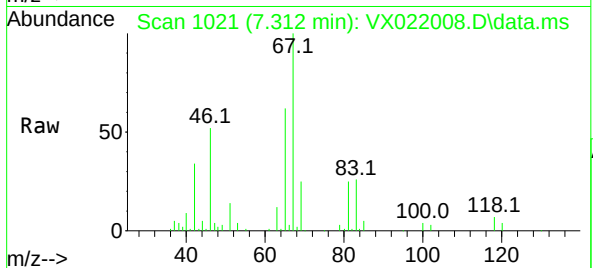




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

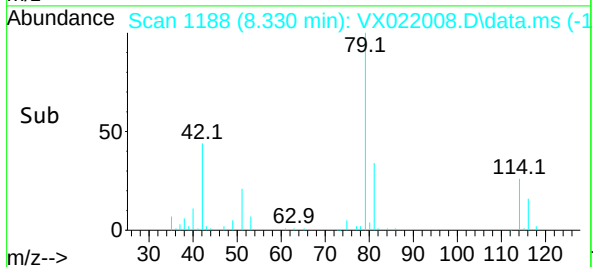
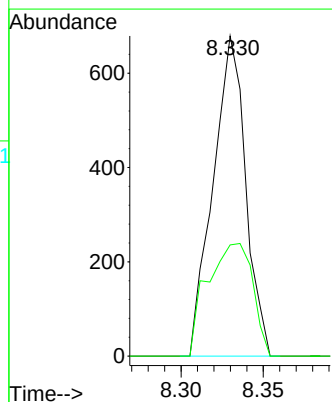
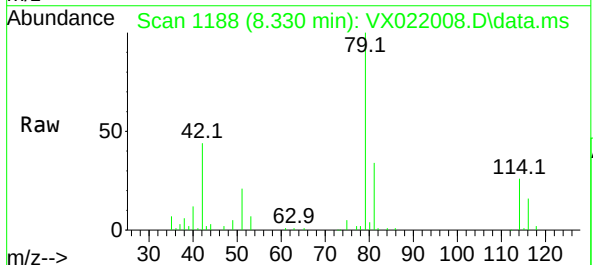
Instrument :
MSVOA_X
ClientSampled :
BG6N0

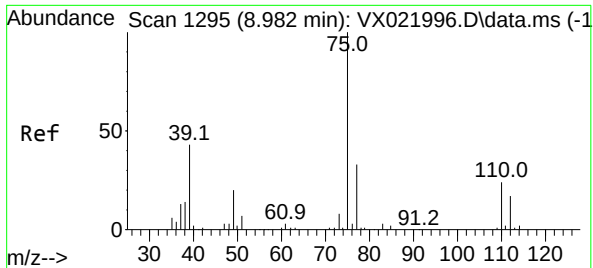
Tgt Ion: 63 Resp: 3167
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 34.8 21.3 39.5

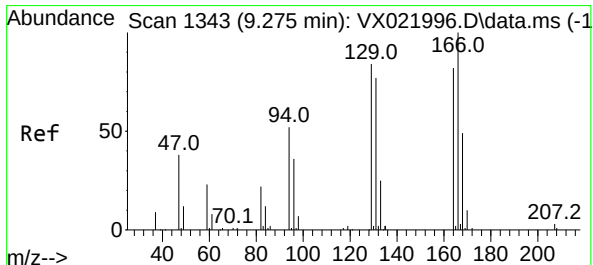
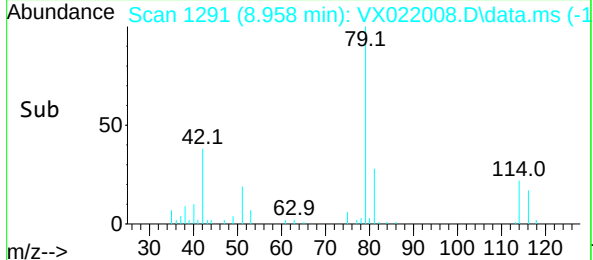
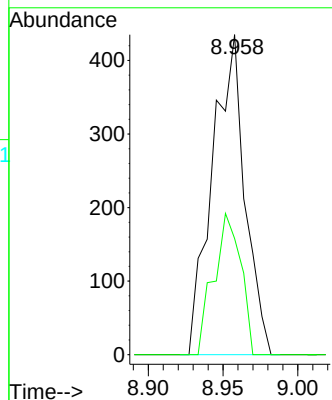
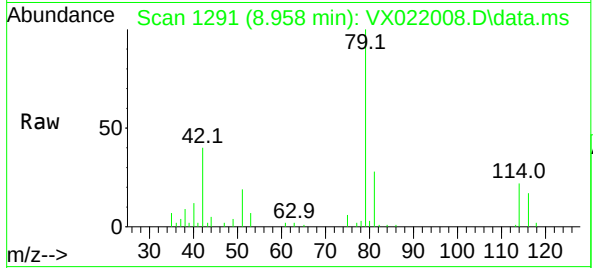




#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

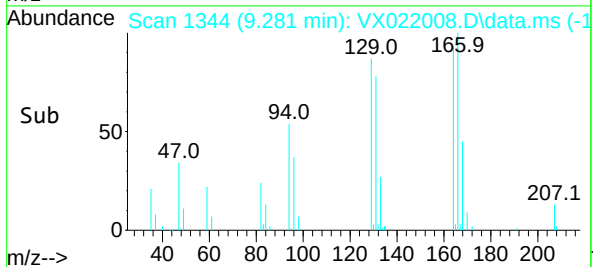
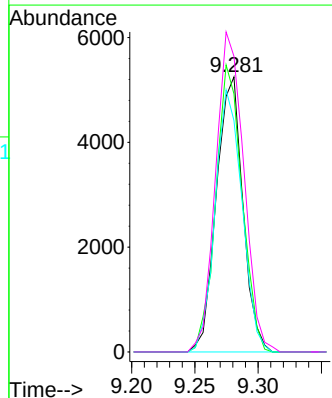
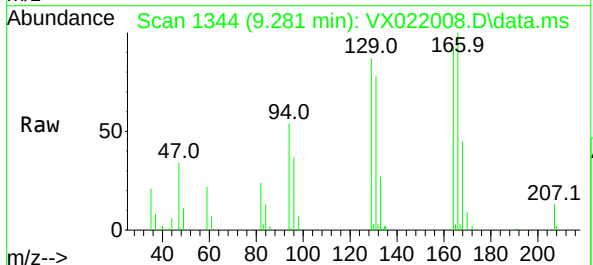
Instrument :
MSVOA_X
ClientSampled :
BG6N0

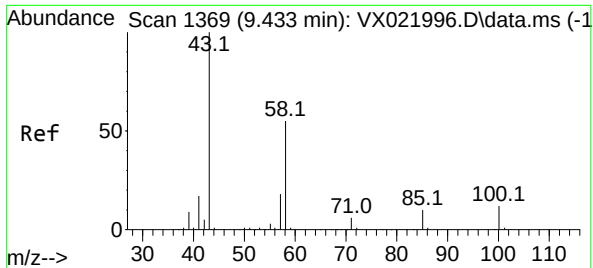
Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
77 36.3 21.6 40.0



#47
Tetrachloroethene
Concen: 1.97 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

Tgt Ion: 164 Resp: 7618
Ion Ratio Lower Upper
164 100
129 93.9 73.1 135.7
131 84.1 69.1 128.3
166 107.5 85.0 157.8

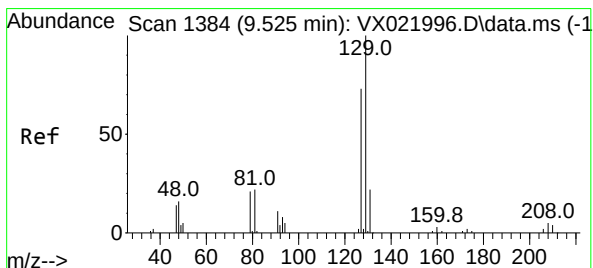
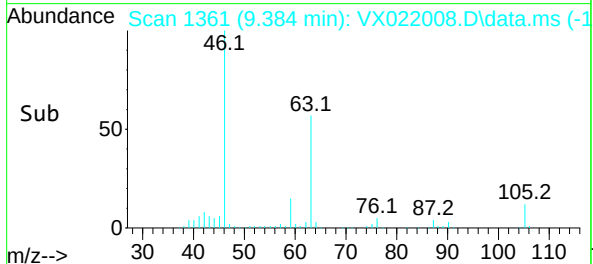
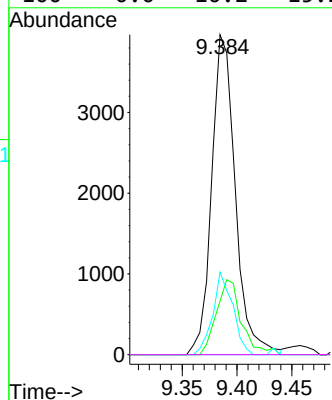
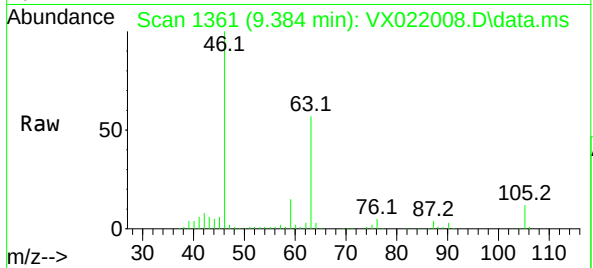




#48
2-Hexanone
Concen: 2.53 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

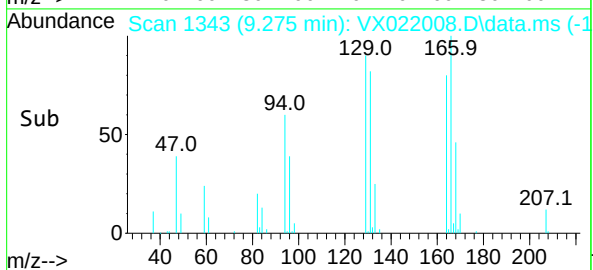
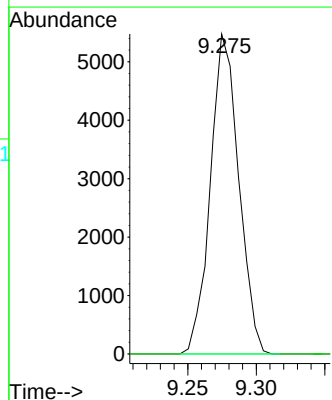
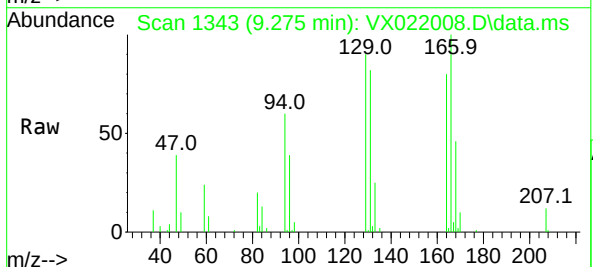
Instrument :
MSVOA_X
ClientSampled :
BG6N0

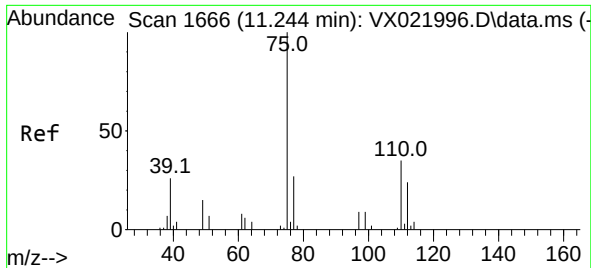
Tgt Ion: 43	Resp: 5944
Ion Ratio	Lower Upper
43 100	
58 24.7	44.6 67.0#
57 21.8	14.8 22.2
100 0.0	10.2 15.2#



#49
Dibromochloromethane
Concen: 1.81 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022008.D
Acq: 14 May 2021 20:38

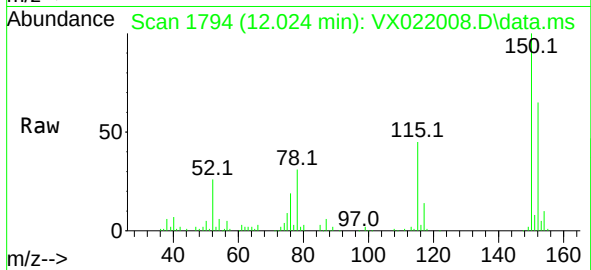
Tgt Ion: 129	Resp: 7892
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.38 ug/L
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.780 min
 Lab File: VX022008.D
 Acq: 14 May 2021 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N0



Tgt Ion: 75 Resp: 4287
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0
 110 0.5 32.3 48.5#

