

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022007.D
 Acq On : 14 May 2021 20:15
 Operator : JC/MD
 Sample : M2410-04
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6M9

Quant Time: May 14 23:41:13 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)

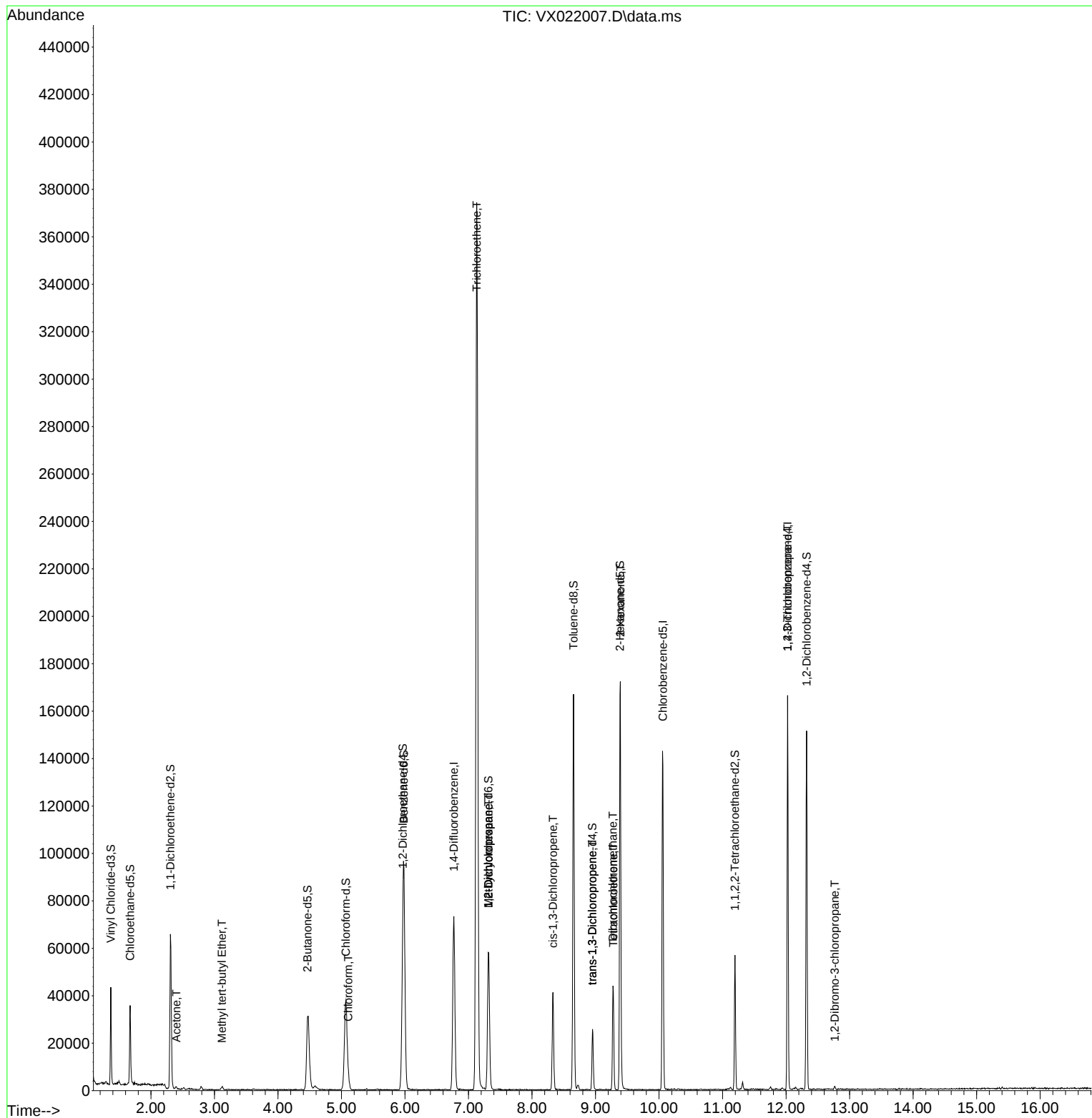
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	73715	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	64537	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	30377	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	24413	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.672	69	19851	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.306	63	35188	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.464	46	59127	40.99	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.98%
24) Chloroform-d	5.068	84	42865	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.964	65	24197	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.982	84	100711	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	7.311	67	29785	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	8.653	98	93442	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.951	79	11665	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	9.384	63	52259	41.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.02%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21271	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
66) 1,2-Dichlorobenzene-d4	12.323	152	28321	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						
					Qvalue	
13) Acetone	2.398	43	1484	2.01	ug/L	96
17) Methyl tert-butyl Ether	3.117	73	1308	0.10	ug/L	95
25) Chloroform	5.104	83	4891	0.48	ug/L	91
34) Trichloroethene	7.129	95	141912	24.46	ug/L	95
35) Methylcyclohexane	7.311	83	7040	0.71	ug/L #	18
37) 1,2-Dichloropropane	7.311	63	3297	0.61	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	946	0.11	ug/L #	63
44) trans-1,3-Dichloropropene	8.951	75	624	0.09	ug/L	96
47) Tetrachloroethene	9.281	164	7288	1.88	ug/L	92
48) 2-Hexanone	9.390	43	6151	2.61	ug/L #	64
49) Dibromochloromethane	9.274	129	7439	1.71	ug/L #	11
61) 1,2,3-Trichloropropane	12.024	75	4234	1.35	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.768	75	68	0.09	ug/L #	9

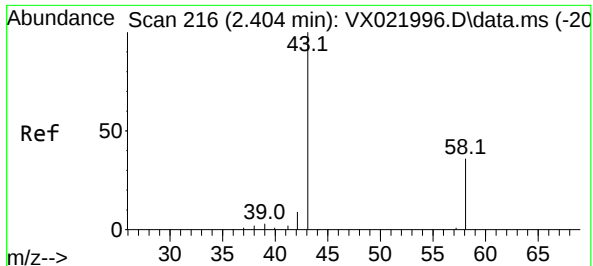
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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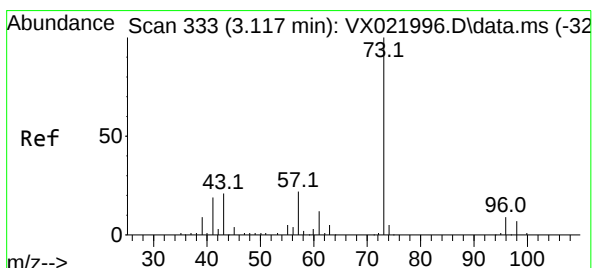
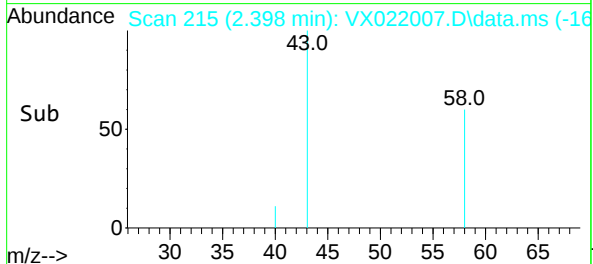
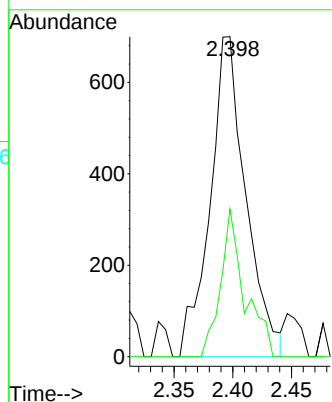
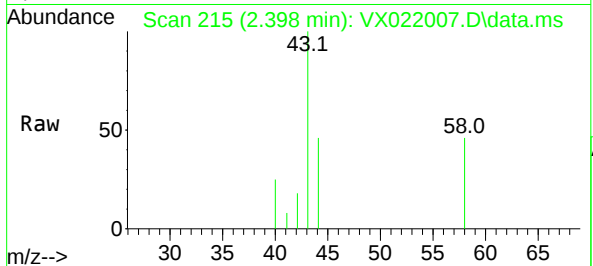




#13
Acetone
Concen: 2.01 ug/L
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

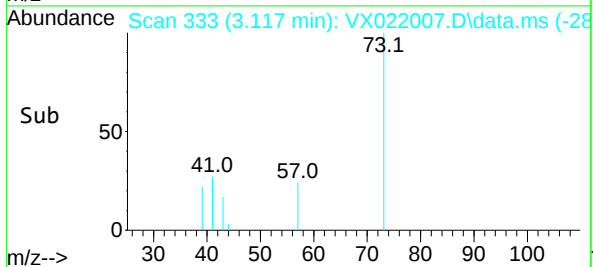
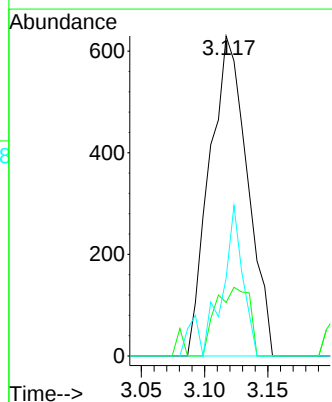
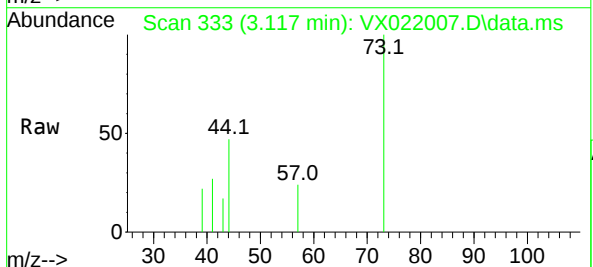
Instrument :
MSVOA_X
ClientSampleId :
BG6M9

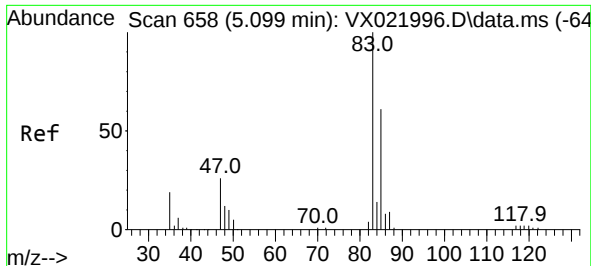
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 31.1 0.0 66.4



#17
Methyl tert-butyl Ether
Concen: 0.10 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

Tgt Ion: 73 Resp: 1308
Ion Ratio Lower Upper
73 100
43 19.1 16.5 24.7
57 24.6 17.1 25.7

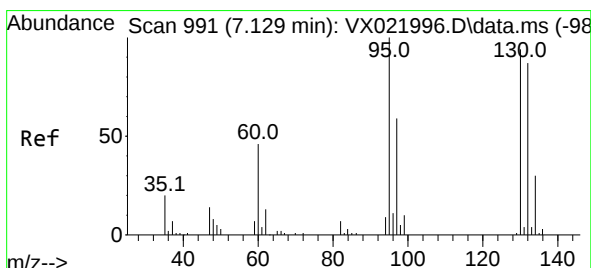
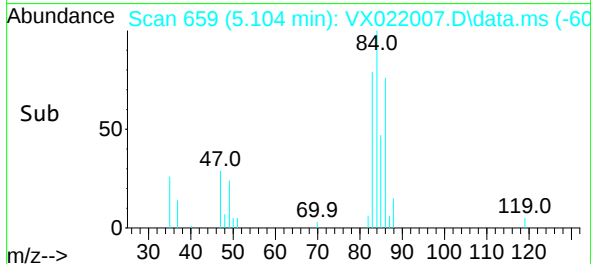
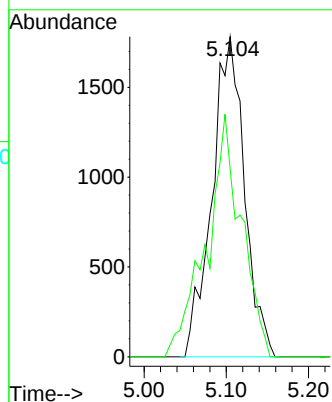
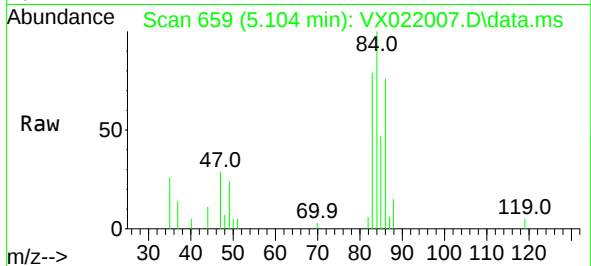




#25
Chloroform
Concen: 0.48 ug/L
RT: 5.104 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

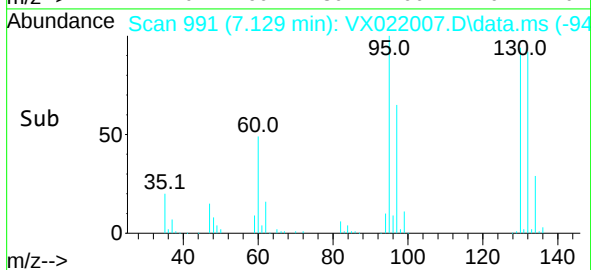
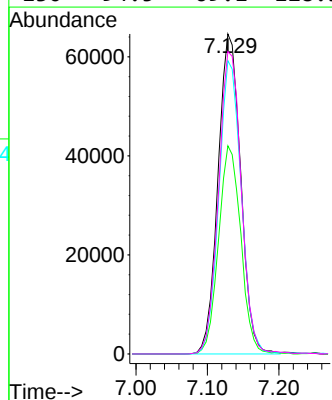
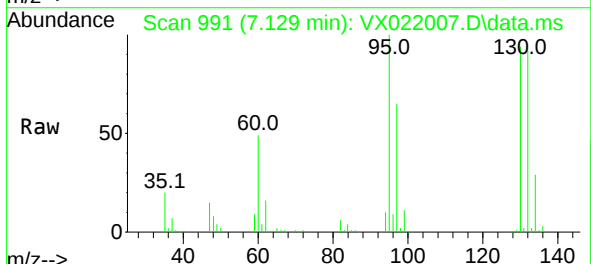
Instrument :
MSVOA_X
ClientSampleId :
BG6M9

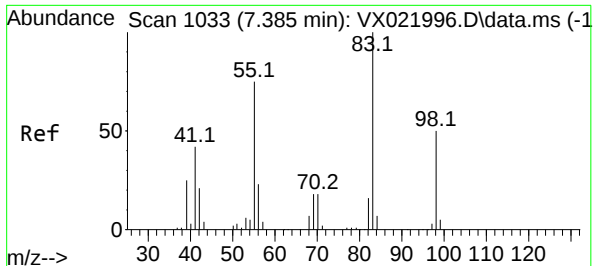
Tgt Ion: 83 Resp: 4891
Ion Ratio Lower Upper
83 100
85 58.8 46.3 86.1



#34
Trichloroethene
Concen: 24.46 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

Tgt Ion: 95 Resp: 141912
Ion Ratio Lower Upper
95 100
97 65.0 48.6 90.2
132 91.6 67.3 125.1
130 94.5 69.1 128.3





#35

Methylcyclohexane

Concen: 0.71 ug/L

RT: 7.311 min Scan# 1021

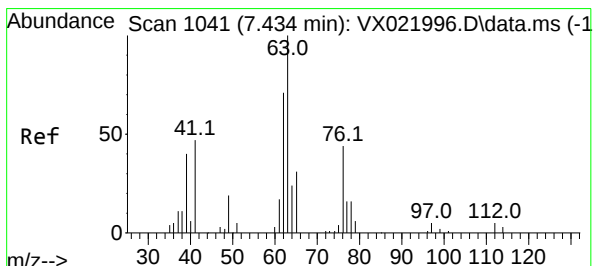
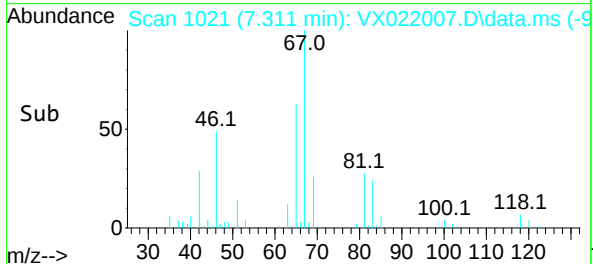
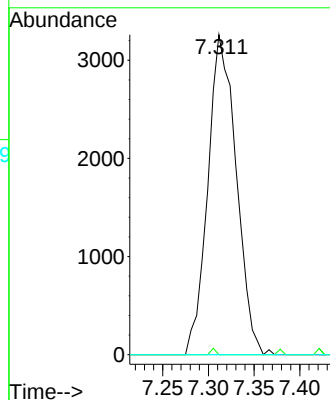
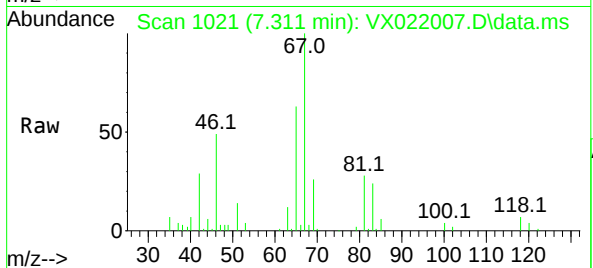
Delta R.T. -0.073 min

Lab File: VX022007.D

Acq: 14 May 2021 20:15

Tgt Ion: 83	Resp: 7040
Ion Ratio	Lower Upper
83 100	
55 0.3	60.3 90.5#
98 0.0	39.4 59.2#

Instrument :
MSVOA_X
ClientSampleId :
BG6M9



#37

1,2-Dichloropropane

Concen: 0.61 ug/L

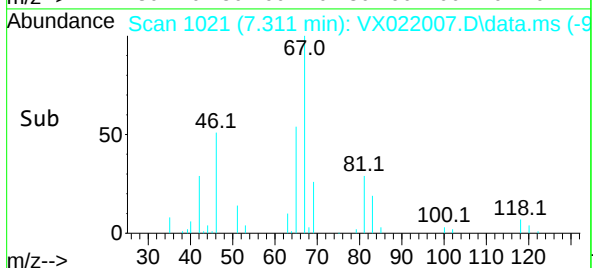
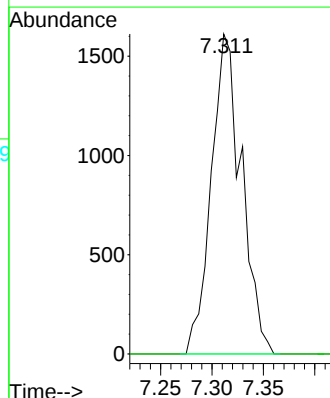
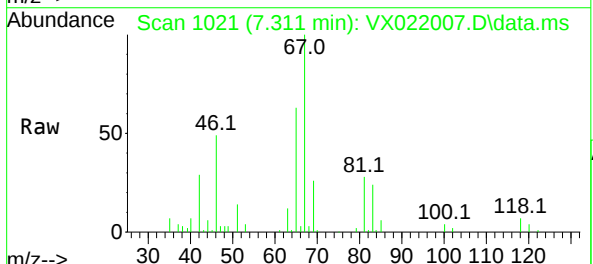
RT: 7.311 min Scan# 1021

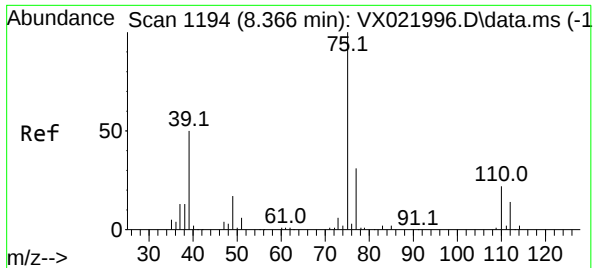
Delta R.T. -0.122 min

Lab File: VX022007.D

Acq: 14 May 2021 20:15

Tgt Ion: 63	Resp: 3297
Ion Ratio	Lower Upper
63 100	
112 0.0	4.1 6.1#

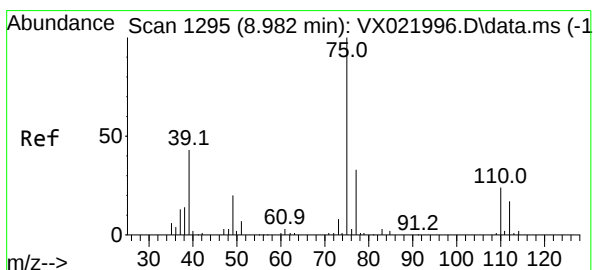
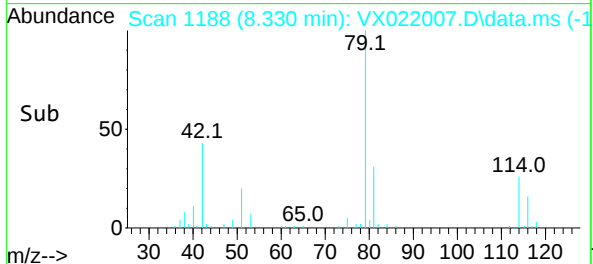
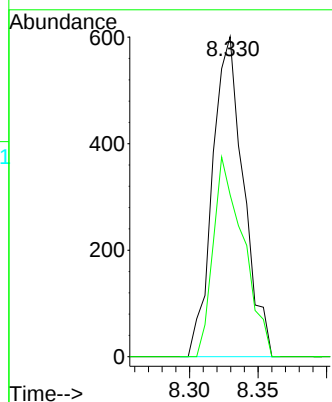
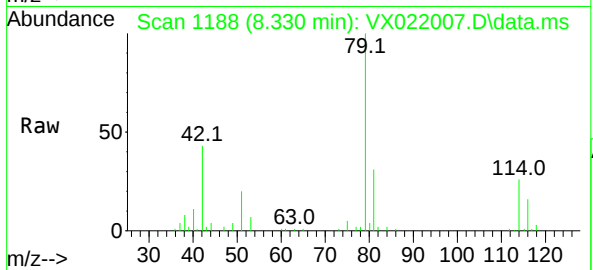




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

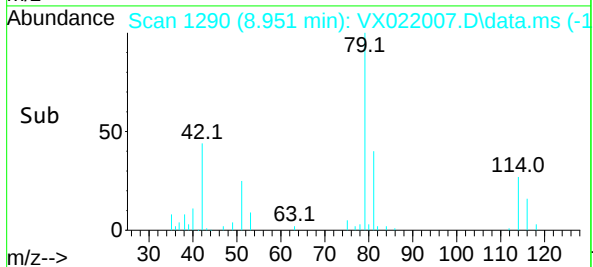
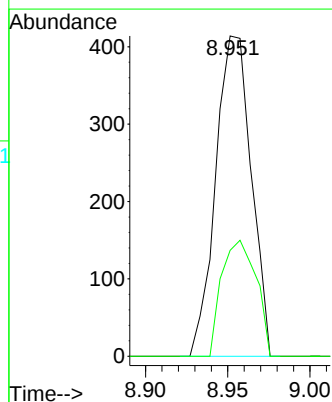
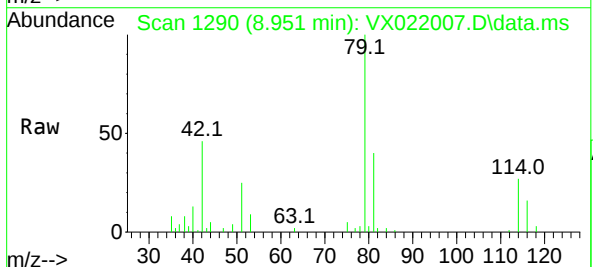
Instrument :
MSVOA_X
ClientSampleId :
BG6M9

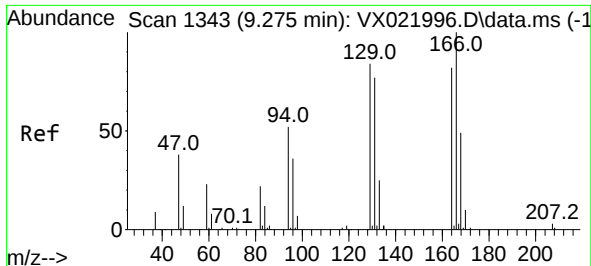
Tgt Ion: 75 Resp: 946
Ion Ratio Lower Upper
75 100
77 50.6 21.3 39.5#



#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.031 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

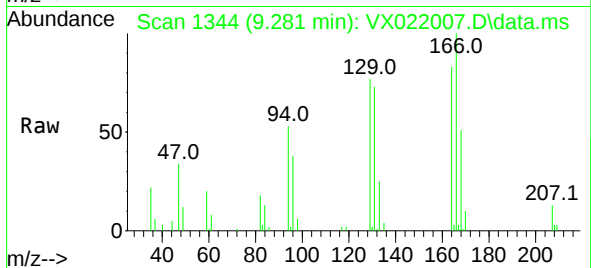
Tgt Ion: 75 Resp: 624
Ion Ratio Lower Upper
75 100
77 33.1 21.6 40.0



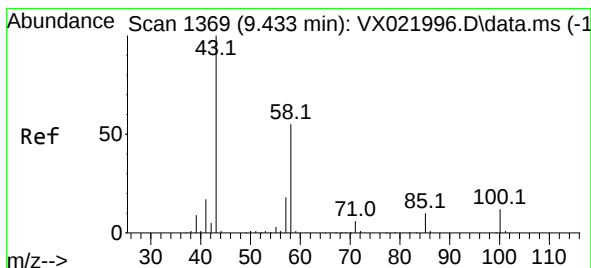
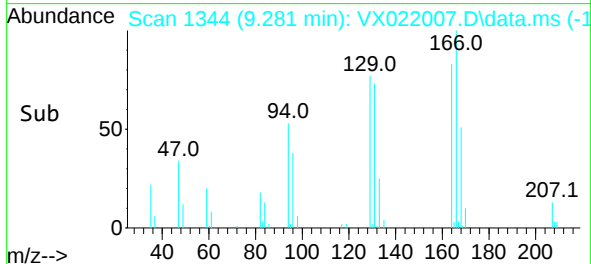
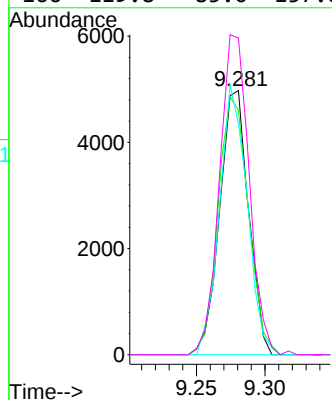


#47
Tetrachloroethene
Concen: 1.88 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

Instrument :
MSVOA_X
ClientSampled :
BG6M9

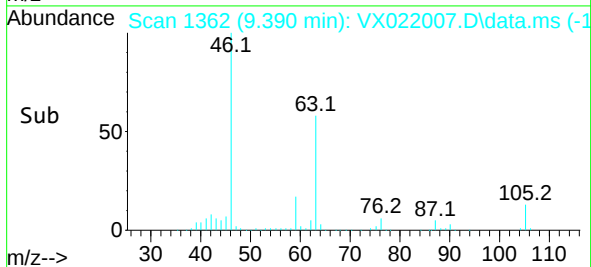
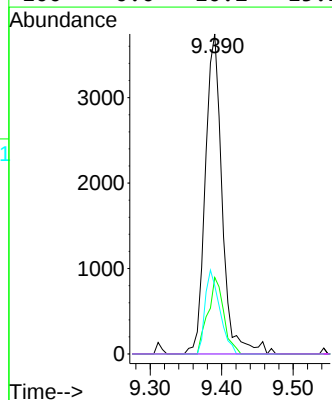
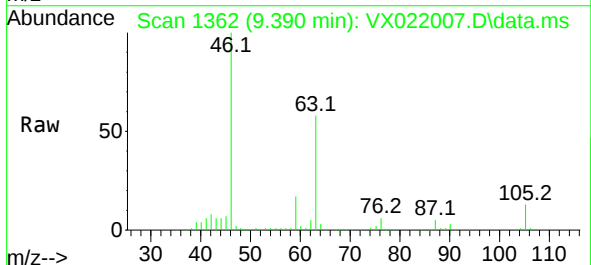


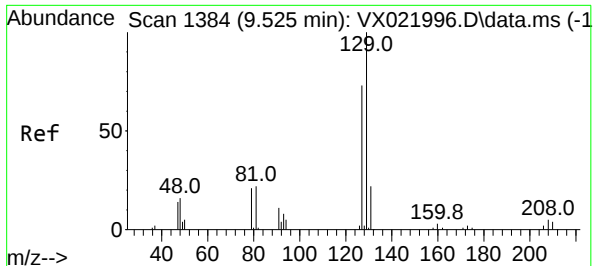
Tgt	Ion:164	Resp:	7288
Ion	Ratio	Lower	Upper
164	100		
129	92.4	73.1	135.7
131	87.3	69.1	128.3
166	119.8	85.0	157.8



#48
2-Hexanone
Concen: 2.61 ug/L
RT: 9.390 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX022007.D
Acq: 14 May 2021 20:15

Tgt	Ion: 43	Resp:	6151
Ion	Ratio	Lower	Upper
43	100		
58	22.4	44.6	67.0#
57	22.7	14.8	22.2#
100	0.0	10.2	15.2#





#49

Dibromochloromethane

Concen: 1.71 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022007.D

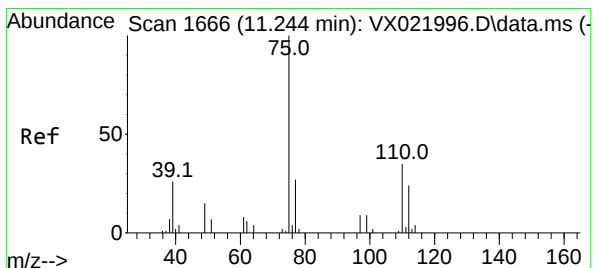
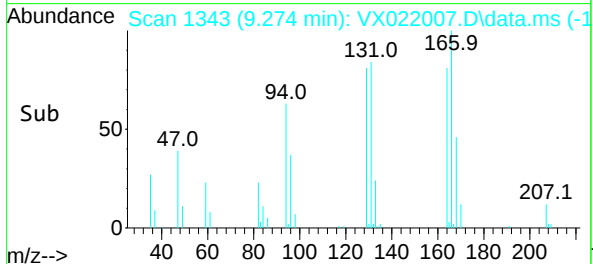
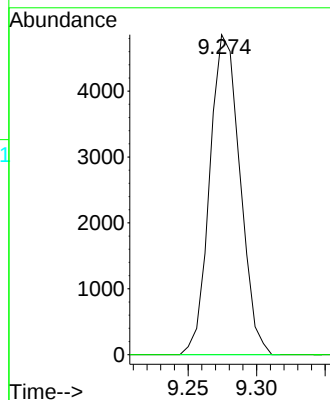
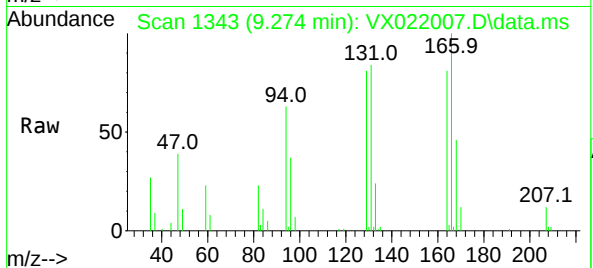
Acq: 14 May 2021 20:15

Tgt Ion:129 Resp: 7439

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.35 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX022007.D

Acq: 14 May 2021 20:15

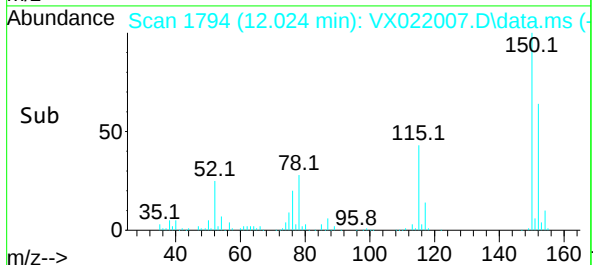
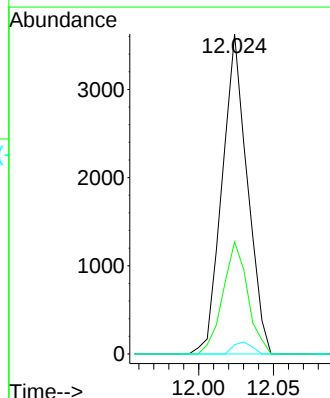
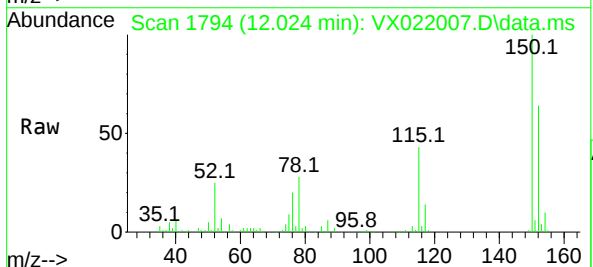
Tgt Ion: 75 Resp: 4234

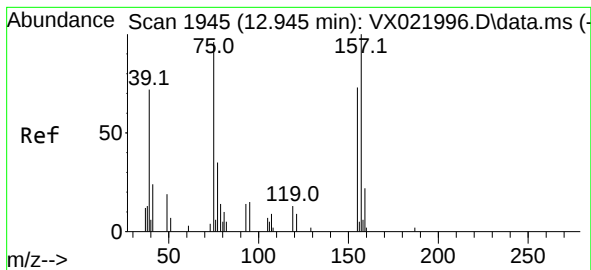
Ion Ratio Lower Upper

75 100

77 34.6 24.6 37.0

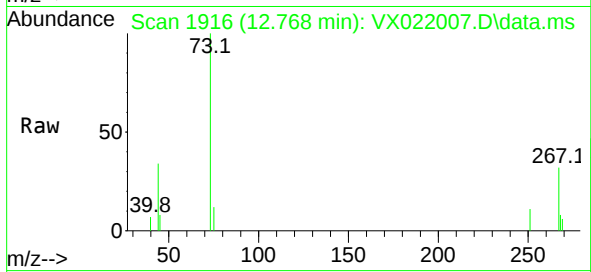
110 2.8 32.3 48.5#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.09 ug/L
 RT: 12.768 min Scan# 1916
 Delta R.T. -0.177 min
 Lab File: VX022007.D
 Acq: 14 May 2021 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6M9



Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.5 87.7#
 157 0.0 68.6 103.0#

