

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022012.D
 Acq On : 14 May 2021 22:12
 Operator : JC/MD
 Sample : M2410-09
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N4

Quant Time: May 14 23:42:09 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	72227	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	64045	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	28961	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24705	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.672	69	19495	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.306	63	35540	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.471	46	59222	41.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.80%
24) Chloroform-d	5.068	84	41698	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.964	65	24434	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.983	84	99636	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	7.312	67	30151	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	8.653	98	92598	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloroprop...	8.958	79	11369	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	9.390	63	52537	42.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.10%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19972	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	28668	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	1312	0.25	ug/L #	1
13) Acetone	2.404	43	1272	1.76	ug/L	85
17) Methyl tert-butyl Ether	3.123	73	8427	0.65	ug/L	96
19) 1,1-Dichloroethane	3.617	63	5859	0.61	ug/L	91
22) cis-1,2-Dichloroethene	4.489	96	5302	0.87	ug/L	93
25) Chloroform	5.099	83	9728	0.97	ug/L	85
29) 1,1,1-Trichloroethane	5.391	97	2776	0.31	ug/L #	90
34) Trichloroethene	7.129	95	297514	51.66	ug/L	93
35) Methylcyclohexane	7.312	83	7123	0.72	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	3256	0.61	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1034	0.12	ug/L #	81
42) Toluene	8.726	91	1889	0.08	ug/L #	74
44) trans-1,3-Dichloropropene	8.952	75	585	0.08	ug/L	89
47) Tetrachloroethene	9.275	164	18497	4.81	ug/L	96
48) 2-Hexanone	9.384	43	6062	2.59	ug/L #	65
49) Dibromochloromethane	9.275	129	20045	4.63	ug/L #	11
61) 1,2,3-Trichloropropane	11.238	75	656	0.22	ug/L #	94

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 14 23:38:54 2021
Response via : Initial Calibration

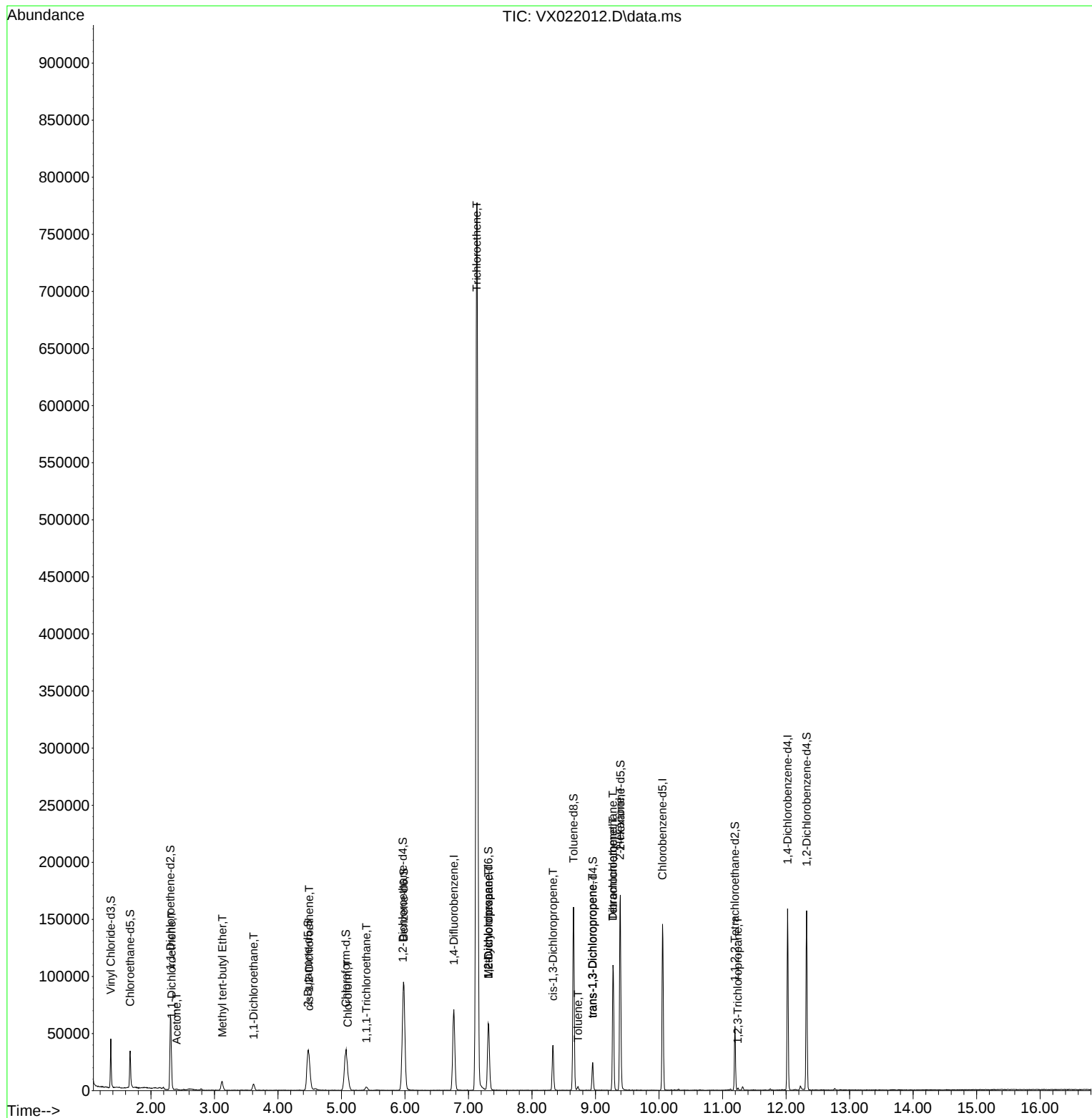
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

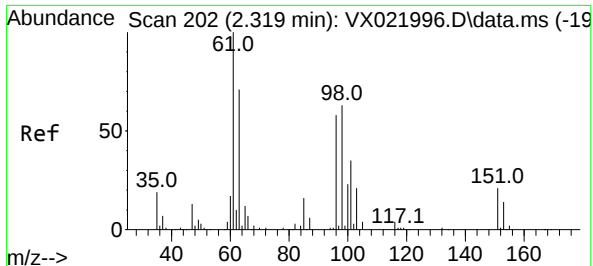
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#12

1,1-Dichloroethene

Concen: 0.25 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022012.D

Acq: 14 May 2021 22:12

Tgt Ion: 96 Resp: 1312

Ion Ratio Lower Upper

96 100

61 269.5 106.3 197.3#

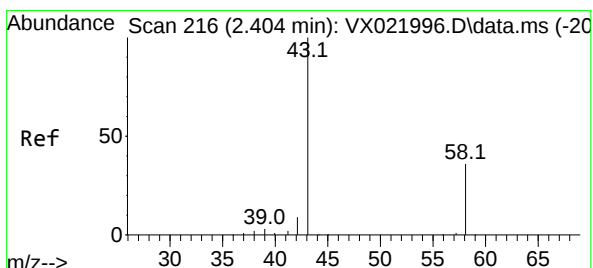
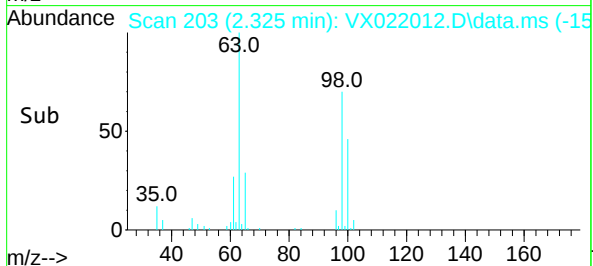
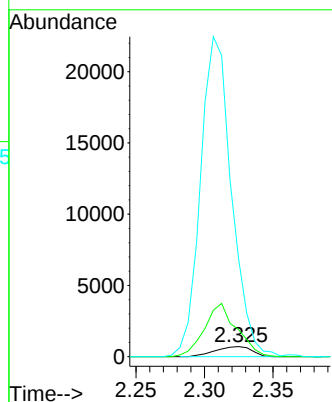
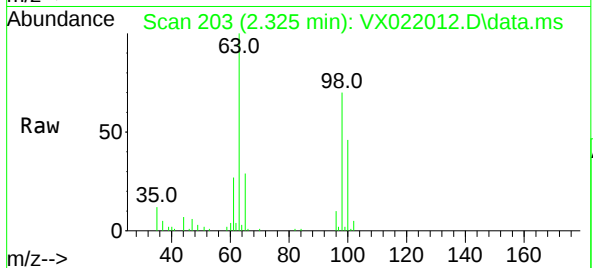
63 980.2 65.0 120.8#

Instrument :

MSVOA_X

ClientSampled :

BG6N4



#13

Acetone

Concen: 1.76 ug/L

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX022012.D

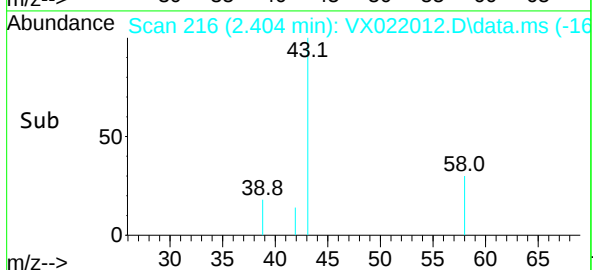
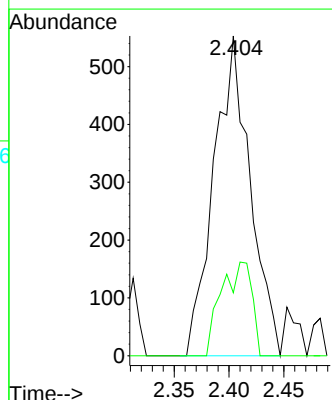
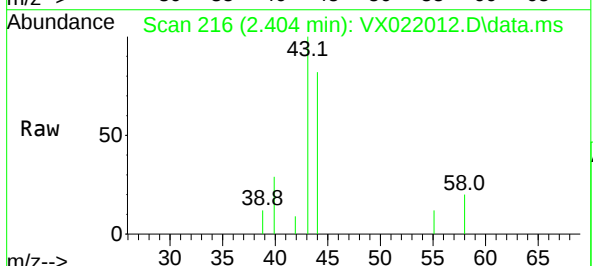
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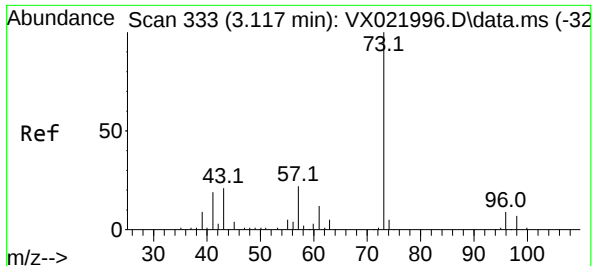
Tgt Ion: 43 Resp: 1272

Ion Ratio Lower Upper

43 100

58 24.6 0.0 66.4



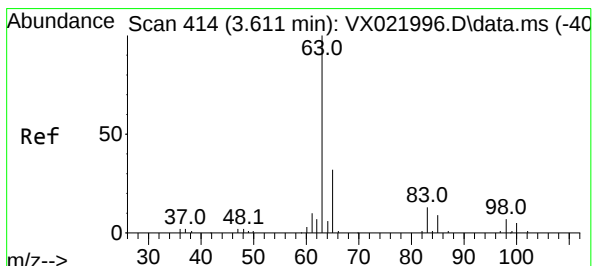
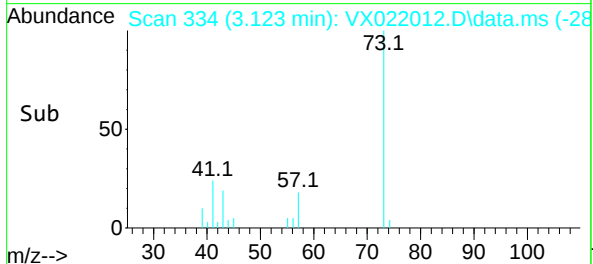
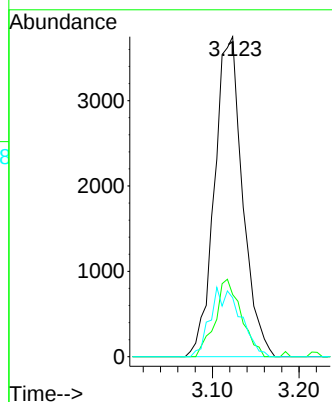
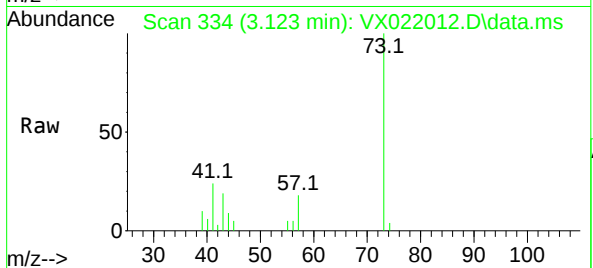


#17

Methyl tert-butyl Ether
Concen: 0.65 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Instrument :
MSVOA_X
ClientSampled :
BG6N4

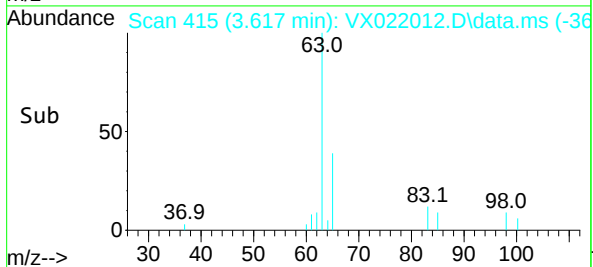
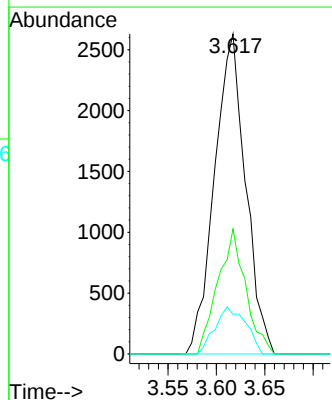
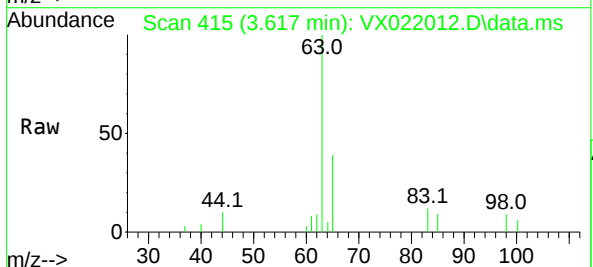
Tgt Ion: 73 Resp: 8427
Ion Ratio Lower Upper
73 100
43 22.5 16.5 24.7
57 23.3 17.1 25.7

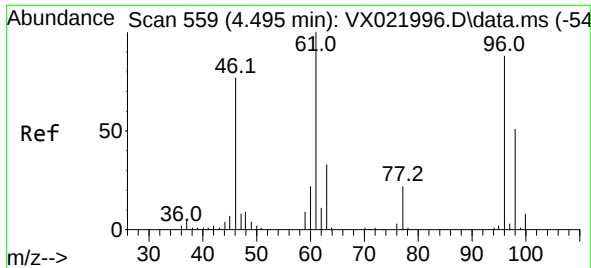


#19

1,1-Dichloroethane
Concen: 0.61 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 63 Resp: 5859
Ion Ratio Lower Upper
63 100
65 39.0 22.5 41.9
83 12.4 8.7 16.1

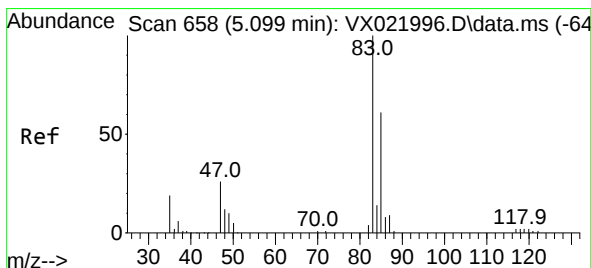
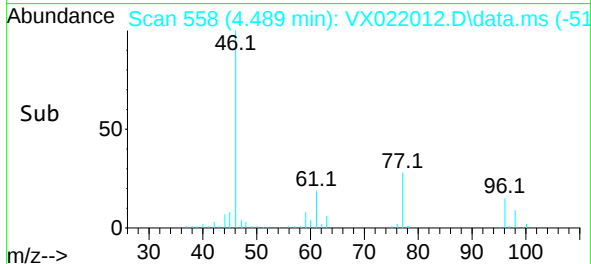
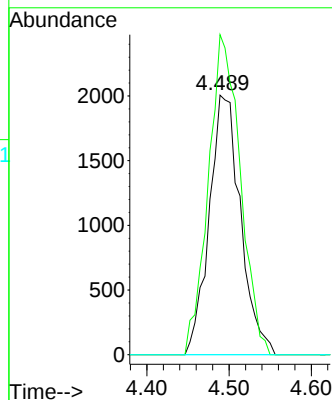
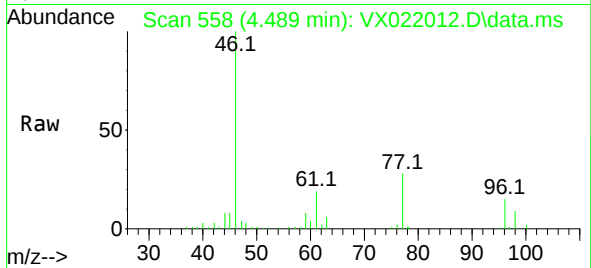




#22
cis-1,2-Dichloroethene
Concen: 0.87 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

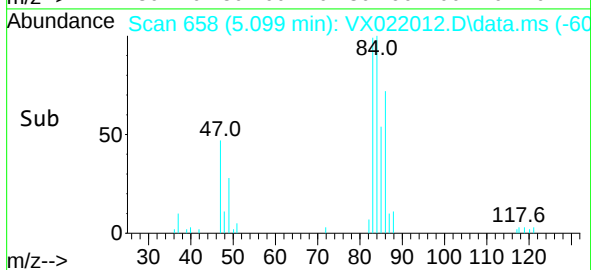
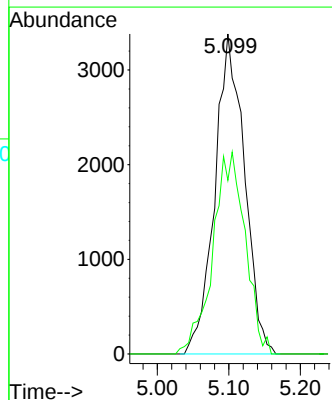
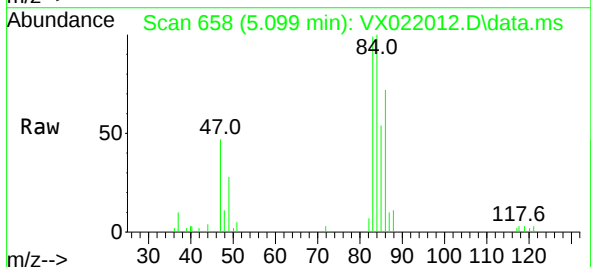
Instrument :
MSVOA_X
ClientSampleId :
BG6N4

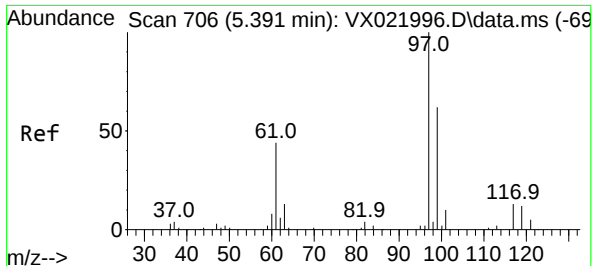
Tgt Ion: 96 Resp: 5302
Ion Ratio Lower Upper
96 100
61 123.3 80.9 150.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.97 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 83 Resp: 9728
Ion Ratio Lower Upper
83 100
85 54.3 46.3 86.1



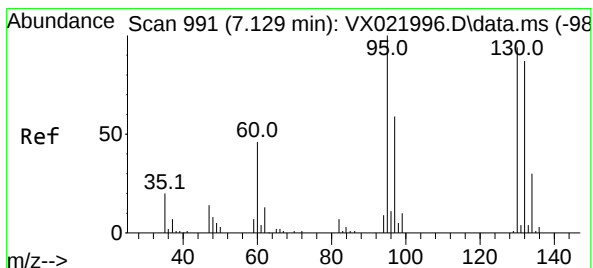
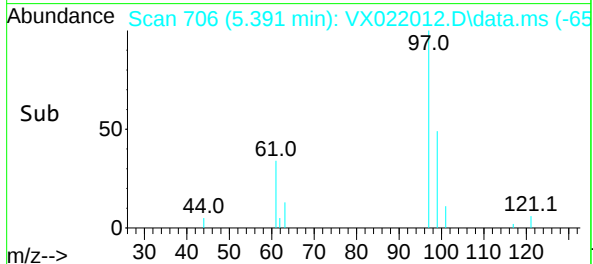
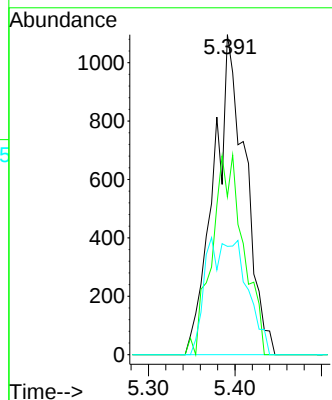
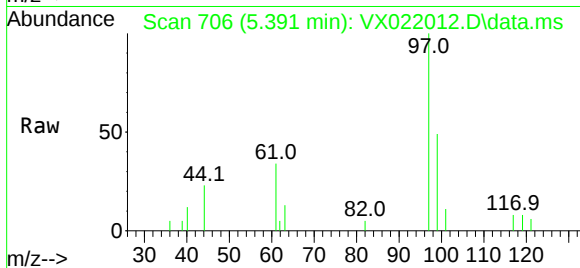


#29

1,1,1-Trichloroethane
Concen: 0.31 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Instrument :
MSVOA_X
ClientSampleId :
BG6N4

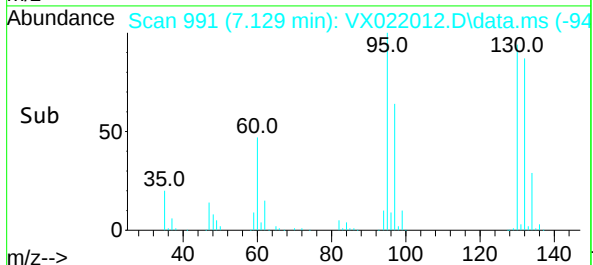
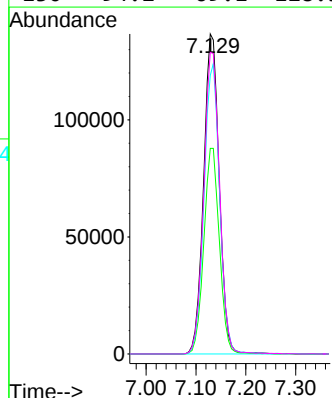
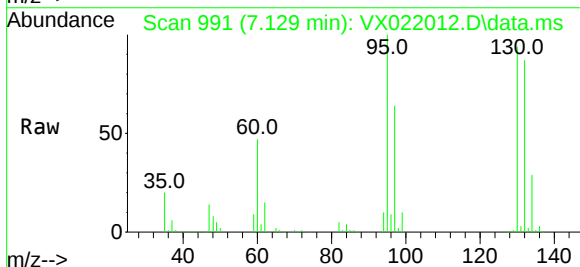
Tgt Ion: 97	Resp: 2776		
Ion Ratio	Lower	Upper	
97 100			
99 62.4	51.4	77.0	
61 30.7	35.4	53.2#	

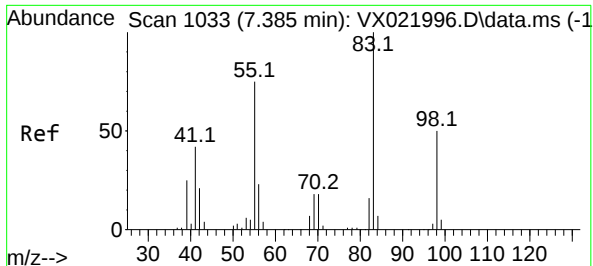


#34

Trichloroethene
Concen: 51.66 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 95	Resp: 297514
Ion Ratio	Lower Upper
95 100	
97 64.3	48.6 90.2
132 87.0	67.3 125.1
130 94.2	69.1 128.3

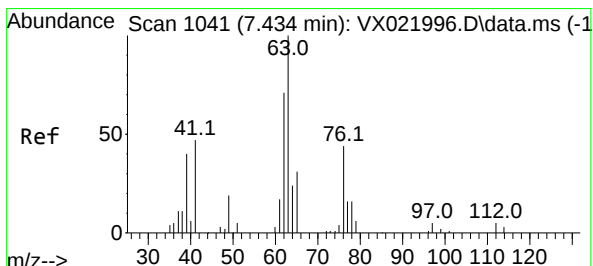
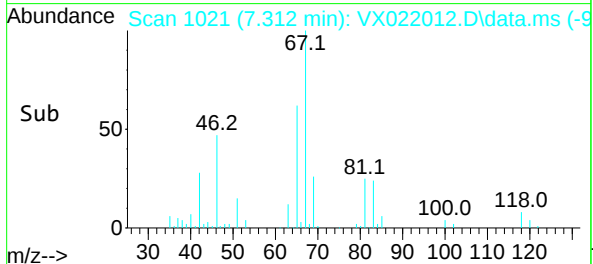
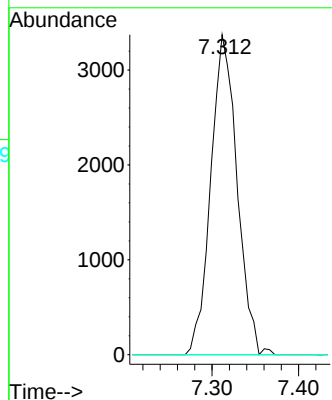
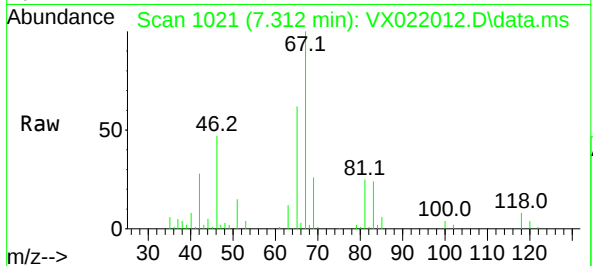




#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

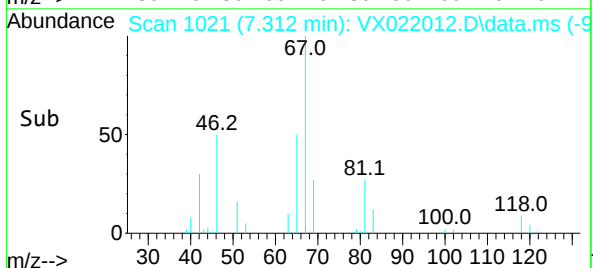
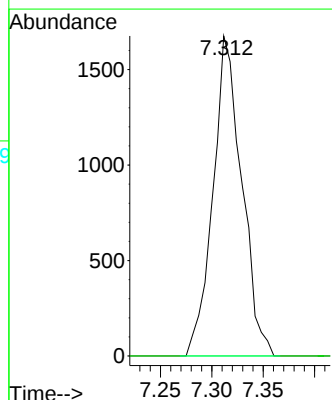
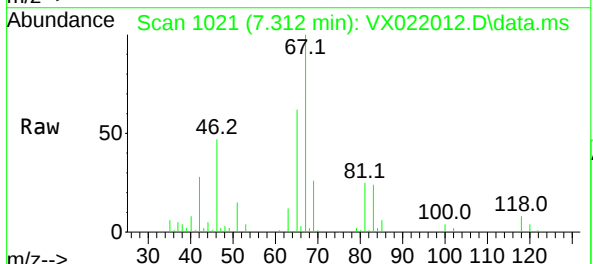
Instrument :
MSVOA_X
ClientSampled :
BG6N4

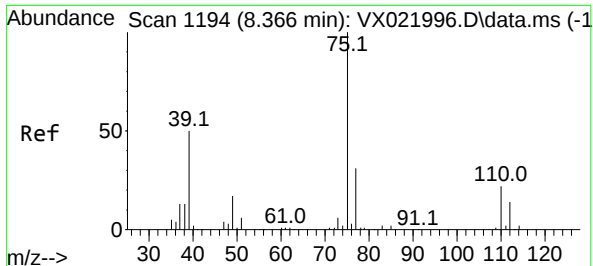
Tgt Ion: 83 Resp: 7123
Ion Ratio Lower Upper
83 100
55 0.0 60.3 90.5#
98 0.0 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 63 Resp: 3256
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

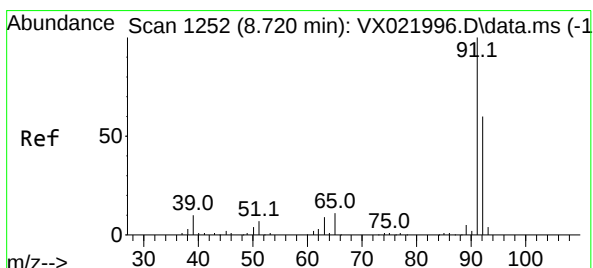
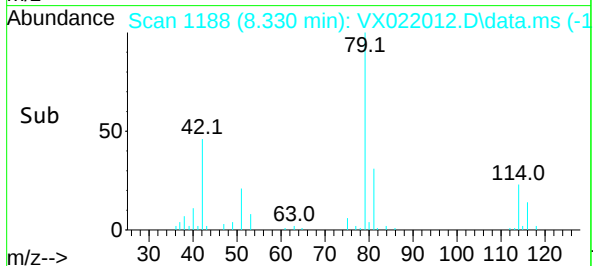
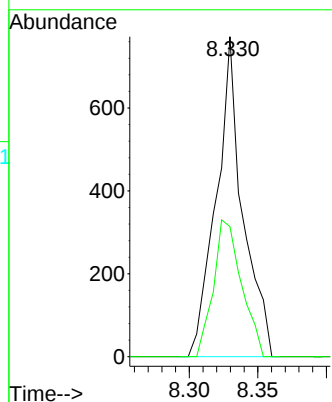
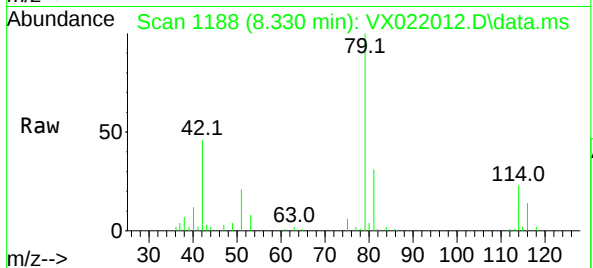




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

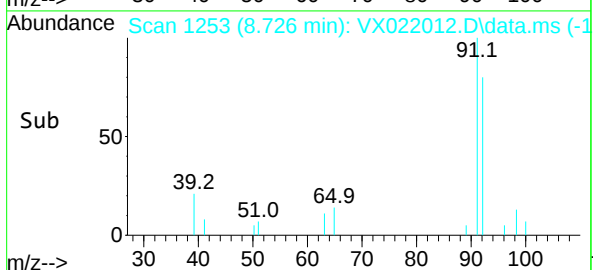
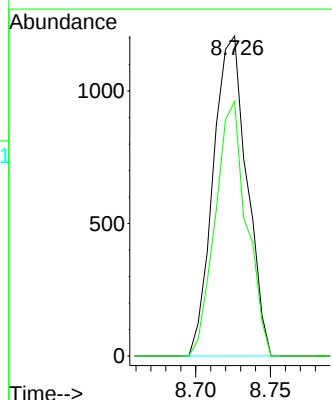
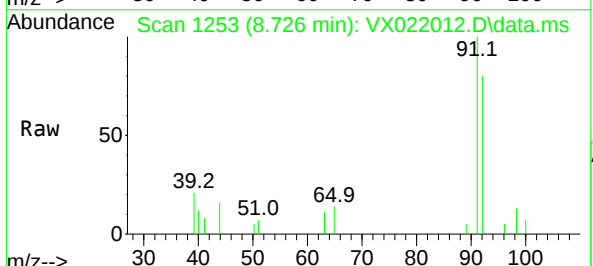
Instrument :
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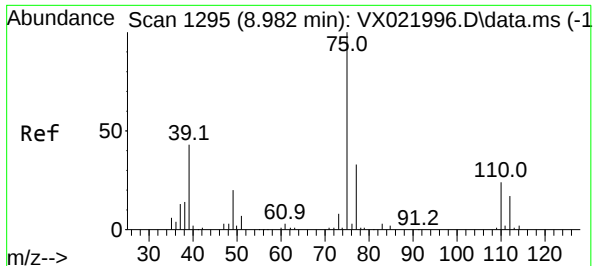
Tgt Ion: 75 Resp: 1034
Ion Ratio Lower Upper
75 100
77 40.7 21.3 39.5#



#42
Toluene
Concen: 0.08 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 91 Resp: 1889
Ion Ratio Lower Upper
91 100
92 79.6 42.1 78.3#

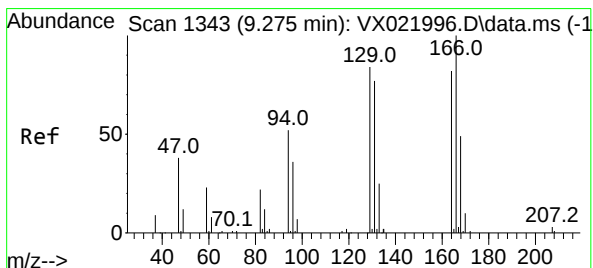
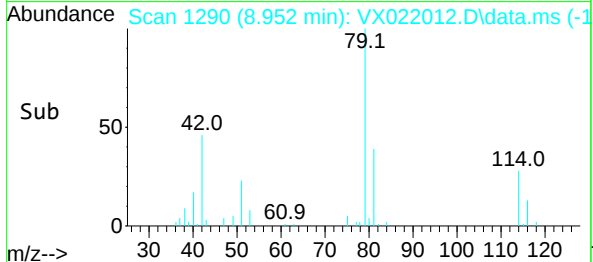
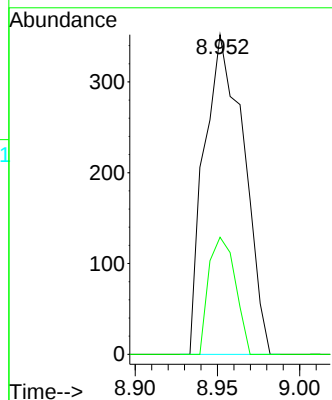
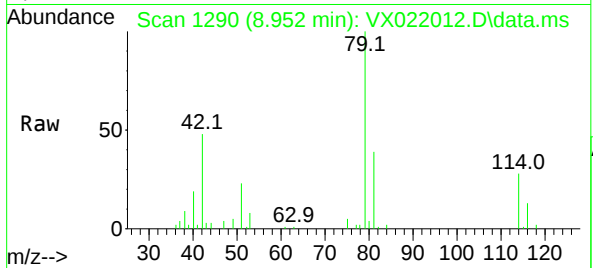




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

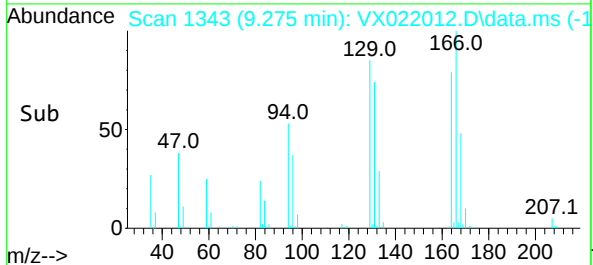
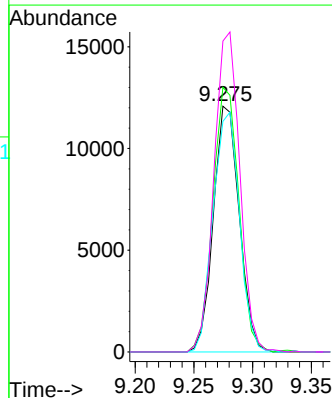
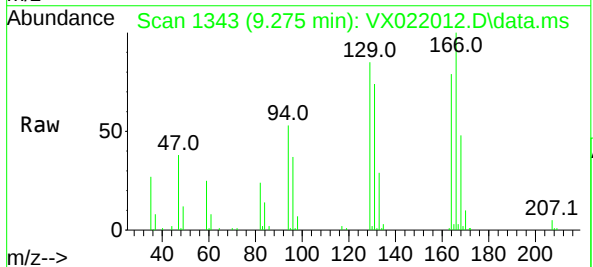
Instrument :
MSVOA_X
ClientSampled :
BG6N4

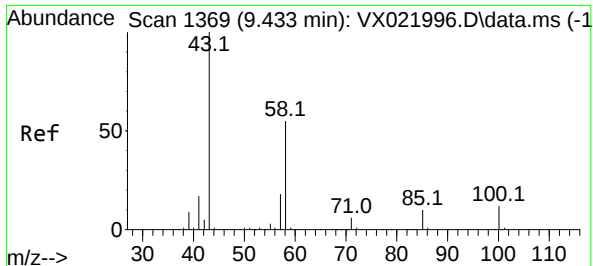
Tgt Ion: 75 Resp: 585
Ion Ratio Lower Upper
75 100
77 36.6 21.6 40.0



#47
Tetrachloroethene
Concen: 4.81 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX022012.D
Acq: 14 May 2021 22:12

Tgt Ion: 164 Resp: 18497
Ion Ratio Lower Upper
164 100
129 107.7 73.1 135.7
131 93.8 69.1 128.3
166 126.5 85.0 157.8





#48

2-Hexanone

Concen: 2.59 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX022012.D

Acq: 14 May 2021 22:12

Tgt Ion: 43 Resp: 6062

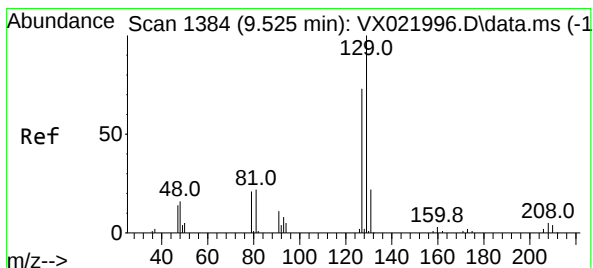
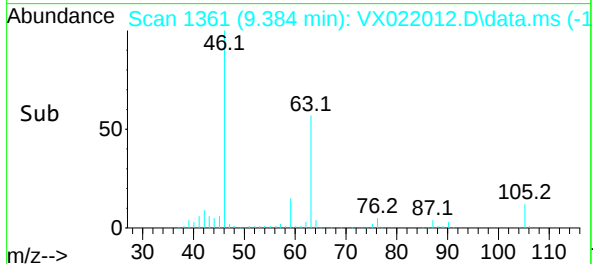
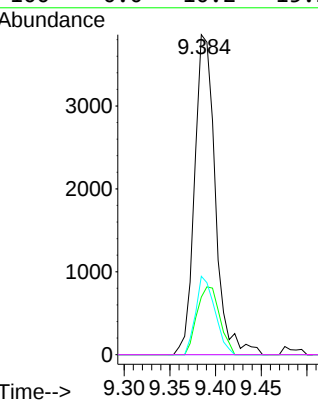
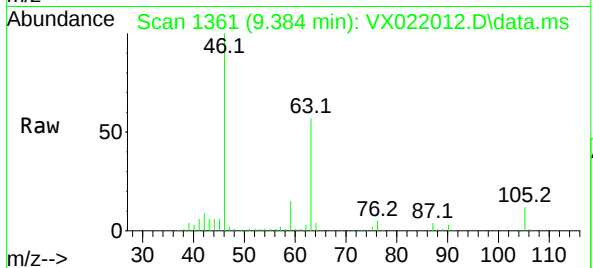
Ion Ratio Lower Upper

43 100

58 23.2 44.6 67.0#

57 22.7 14.8 22.2#

100 0.0 10.2 15.2#



#49

Dibromochloromethane

Concen: 4.63 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022012.D

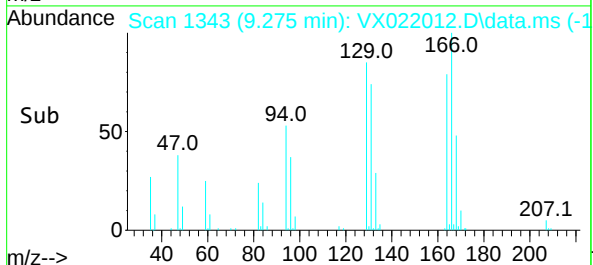
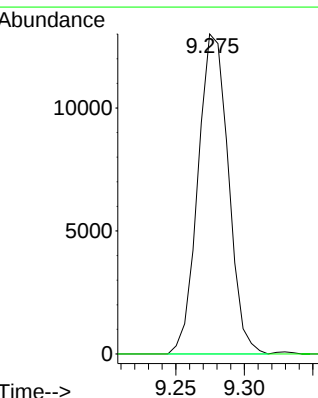
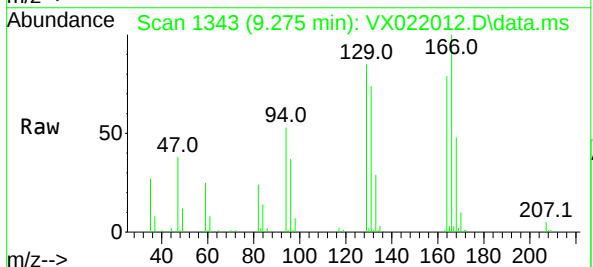
Acq: 14 May 2021 22:12

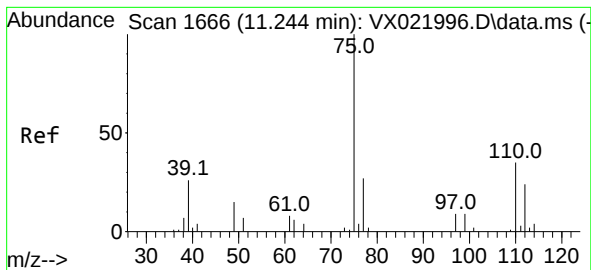
Tgt Ion: 129 Resp: 20045

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.22 ug/L
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX022012.D
 Acq: 14 May 2021 22:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N4

Tgt Ion: 75 Resp: 656
 Ion Ratio Lower Upper
 75 100
 77 37.8 24.6 37.0#
 110 39.5 32.3 48.5

