

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022011.D
 Acq On : 14 May 2021 21:48
 Operator : JC/MD
 Sample : M2410-08
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N3

Quant Time: May 14 23:41:55 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	70191	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	63095	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	28994	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24849	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.672	69	19934	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.306	63	37098	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.477	46	60774	44.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.50%
24) Chloroform-d	5.068	84	41932	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.958	65	23541	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.983	84	101377	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	7.312	67	29802	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	8.653	98	93331	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloroprop...	8.952	79	11674	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	9.390	63	52109	42.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.68%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	20707	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	28234	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.325	96	2938	0.58	ug/L #	1
13) Acetone	2.410	43	1334	1.90	ug/L	74
17) Methyl tert-butyl Ether	3.117	73	3723	0.30	ug/L #	93
19) 1,1-Dichloroethane	3.611	63	14627	1.56	ug/L	100
22) cis-1,2-Dichloroethene	4.501	96	4533	0.77	ug/L	94
25) Chloroform	5.099	83	12253	1.25	ug/L	88
29) 1,1,1-Trichloroethane	5.385	97	7016	0.81	ug/L	98
34) Trichloroethene	7.129	95	326143	57.49	ug/L	93
35) Methylcyclohexane	7.312	83	7471	0.77	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	3297	0.62	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	981	0.12	ug/L #	45
42) Toluene	8.720	91	1898	0.08	ug/L	79
44) trans-1,3-Dichloropropene	8.945	75	587	0.09	ug/L #	68
47) Tetrachloroethene	9.281	164	7598	2.01	ug/L	92
48) 2-Hexanone	9.390	43	6169	2.68	ug/L #	65
49) Dibromochloromethane	9.281	129	8051	1.89	ug/L #	11
61) 1,2,3-Trichloropropane	11.244	75	738	0.25	ug/L #	83

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

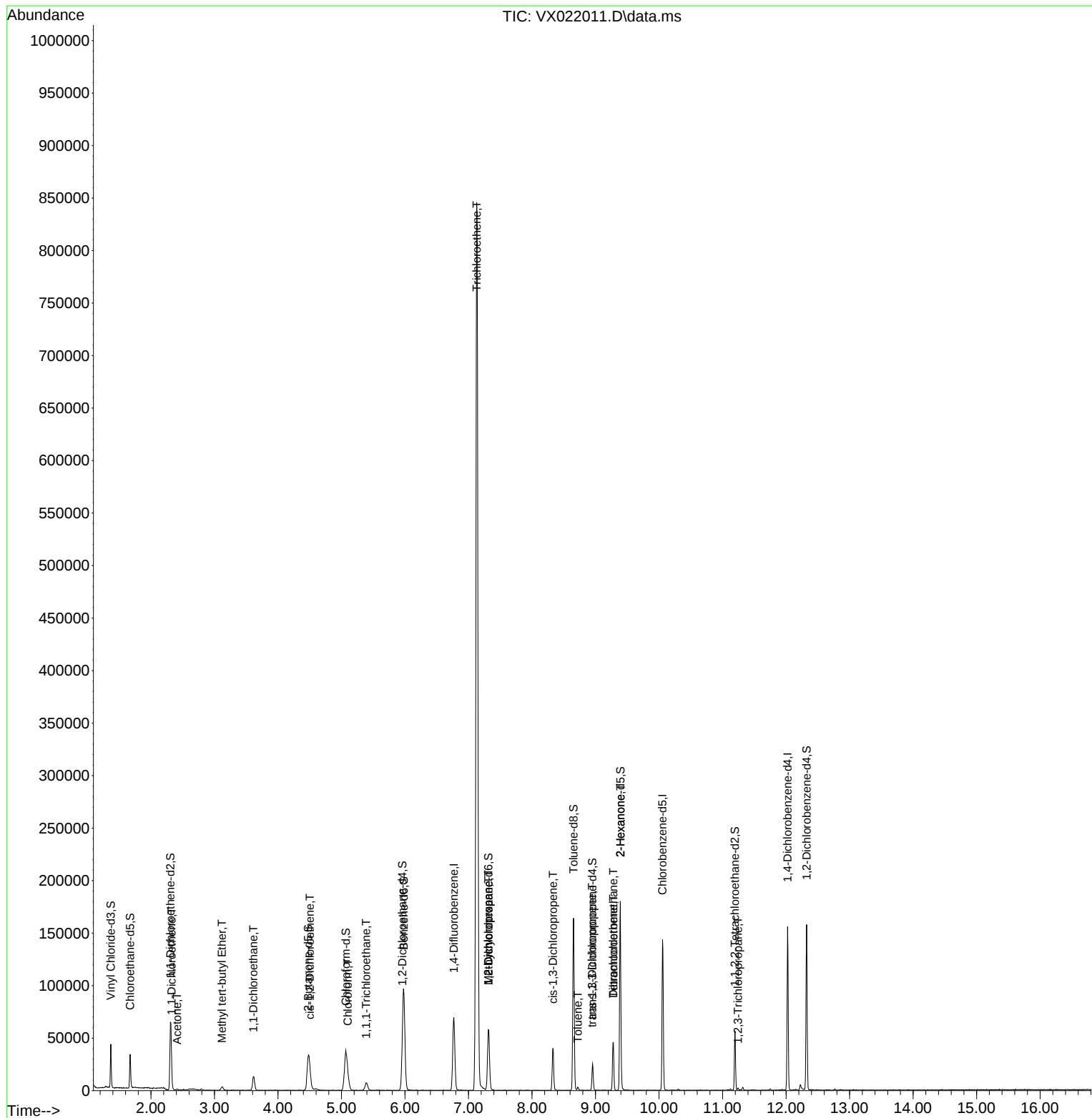
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

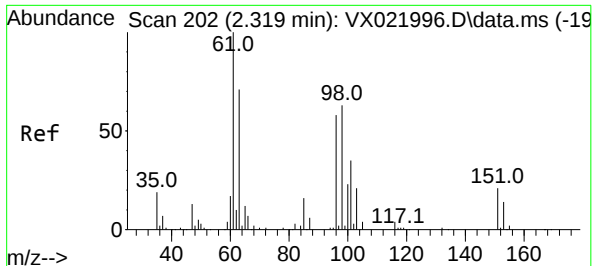
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#12

1,1-Dichloroethene

Concen: 0.58 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion: 96 Resp: 2938

Ion Ratio Lower Upper

96 100

61 189.0 106.3 197.3

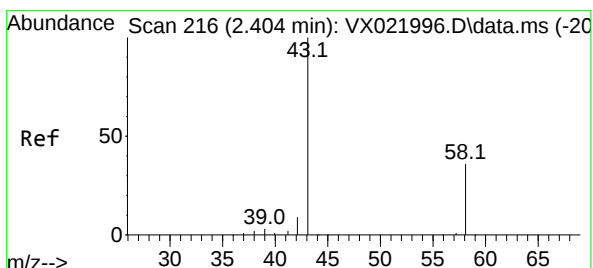
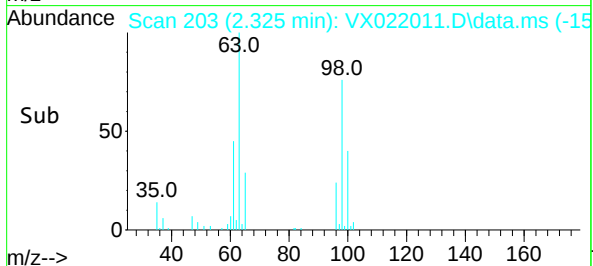
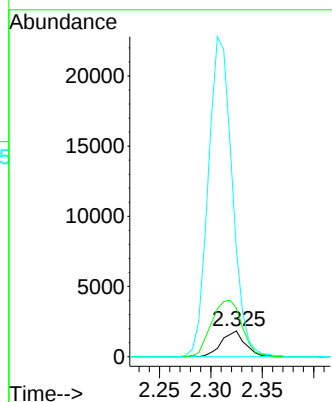
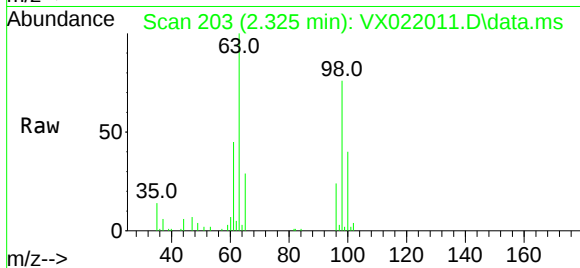
63 415.7 65.0 120.8#

Instrument :

MSVOA_X

ClientSampleId :

BG6N3



#13

Acetone

Concen: 1.90 ug/L

RT: 2.410 min Scan# 217

Delta R.T. 0.006 min

Lab File: VX022011.D

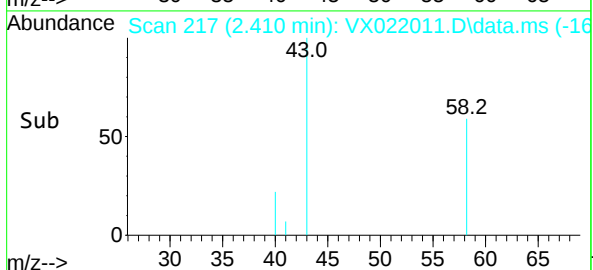
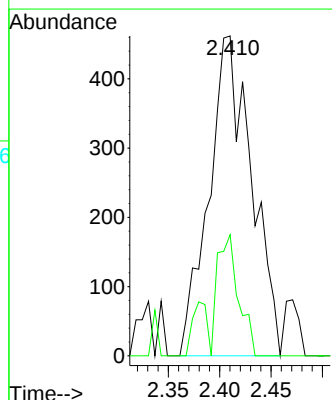
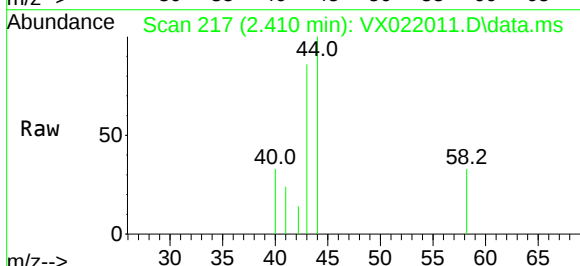
Acq: 14 May 2021 21:48

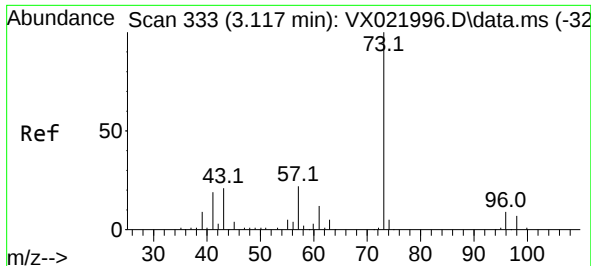
Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

58 18.7 0.0 66.4

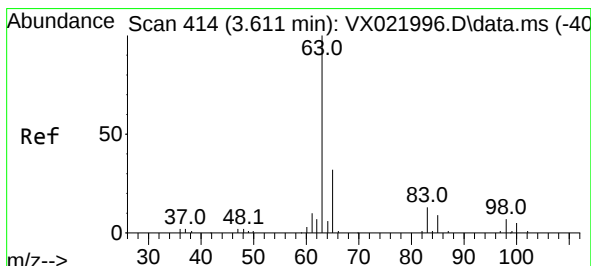
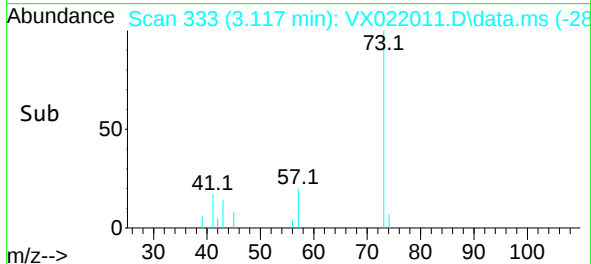
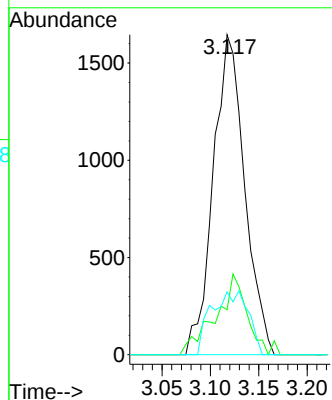
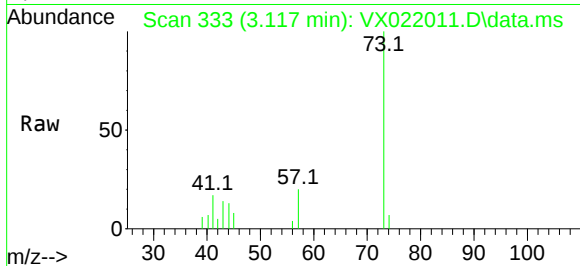




#17
Methyl tert-butyl Ether
Concen: 0.30 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

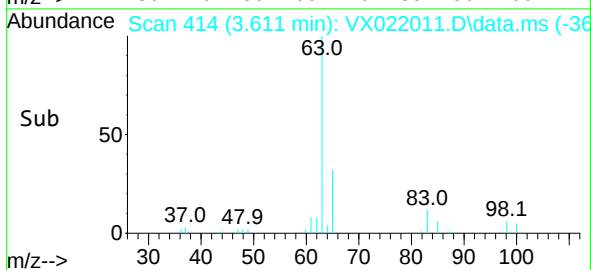
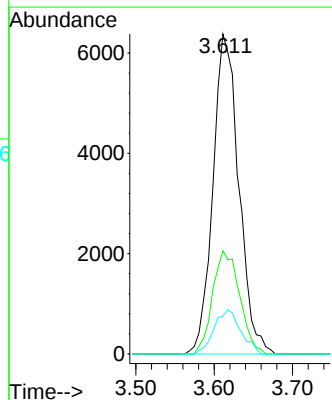
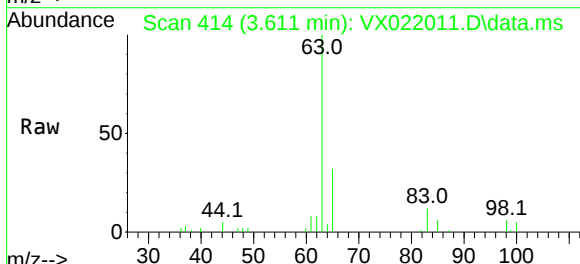
Instrument :
MSVOA_X
ClientSampleId :
BG6N3

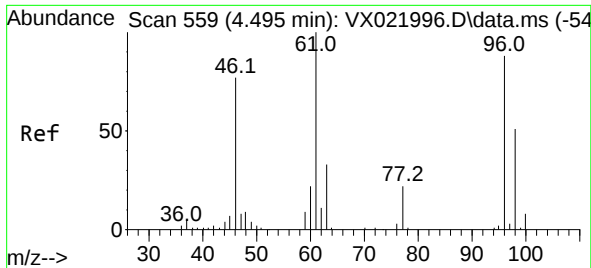
Tgt Ion:	73	Resp:	3723
Ion	Ratio	Lower	Upper
73	100		
43	25.4	16.5	24.7#
57	23.4	17.1	25.7



#19
1,1-Dichloroethane
Concen: 1.56 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

Tgt Ion:	63	Resp:	14627
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	11.8	8.7	16.1





#22

cis-1,2-Dichloroethene

Concen: 0.77 ug/L

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion: 96 Resp: 4533

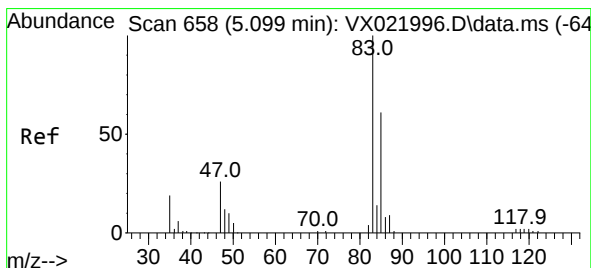
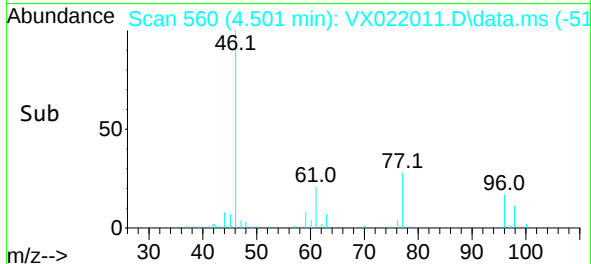
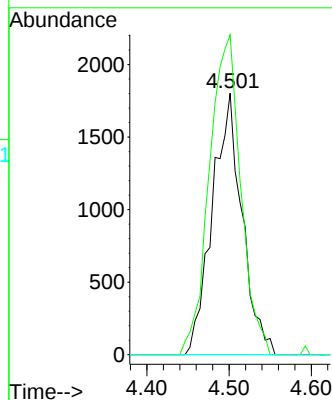
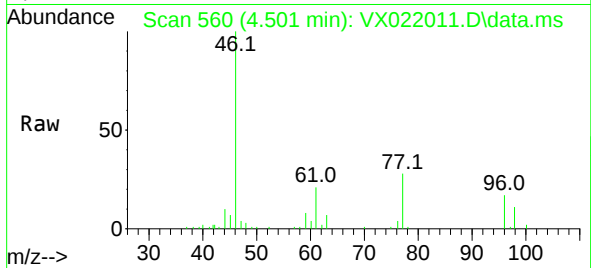
Ion	Ratio	Lower	Upper
96	100		
61	122.4	80.9	150.3
68	0.0	0.0	0.0

Instrument :

MSVOA_X

ClientSampleId :

BG6N3



#25

Chloroform

Concen: 1.25 ug/L

RT: 5.099 min Scan# 658

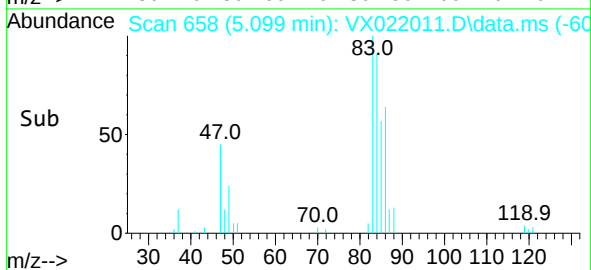
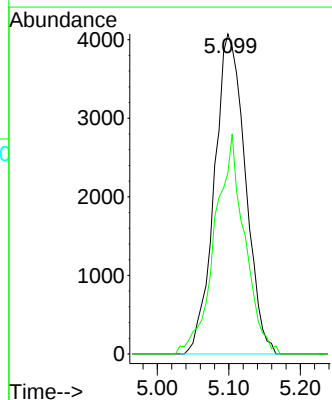
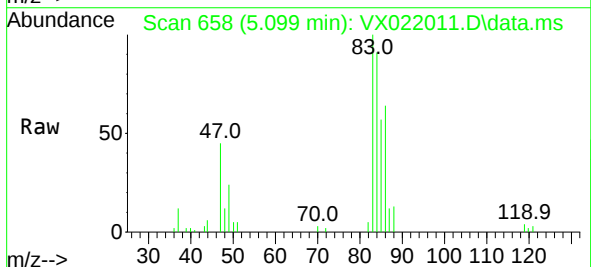
Delta R.T. -0.000 min

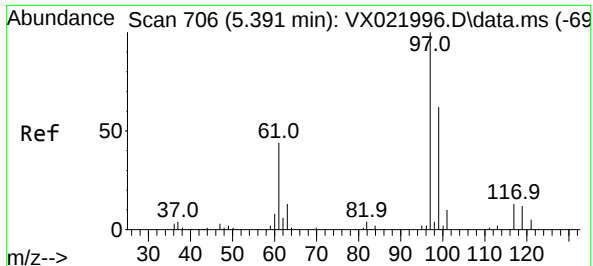
Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion: 83 Resp: 12253

Ion	Ratio	Lower	Upper
83	100		
85	56.6	46.3	86.1





#29

1,1,1-Trichloroethane

Concen: 0.81 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion: 97 Resp: 7016

Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

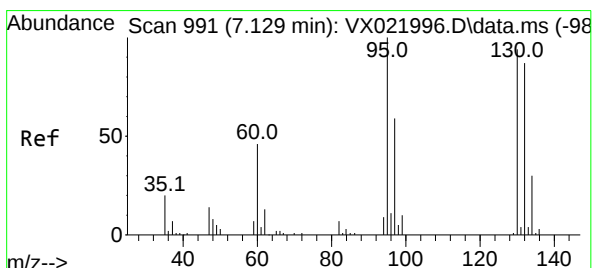
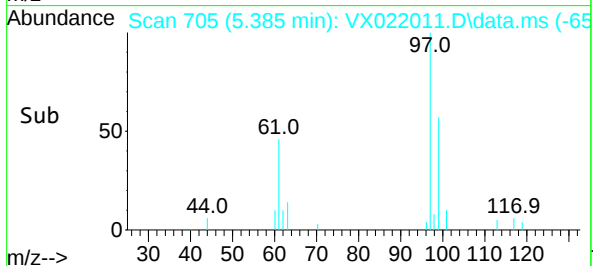
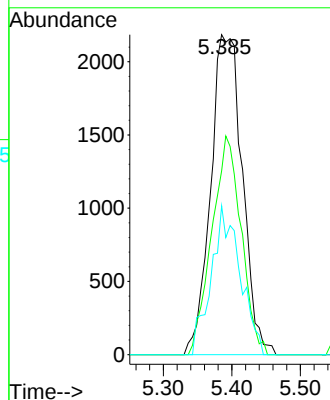
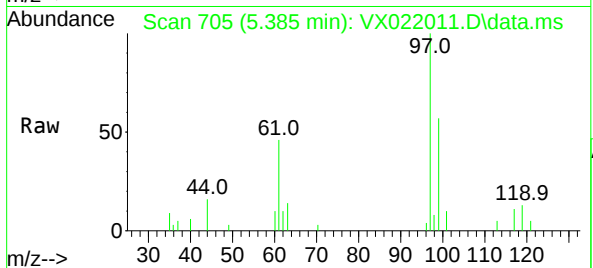
61 42.5 35.4 53.2

Instrument :

MSVOA_X

ClientSampleId :

BG6N3



#34

Trichloroethene

Concen: 57.49 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion: 95 Resp: 326143

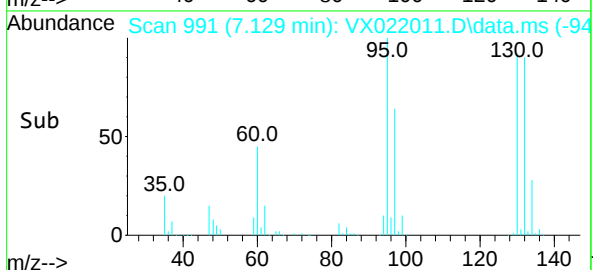
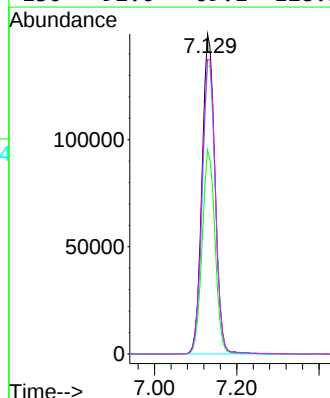
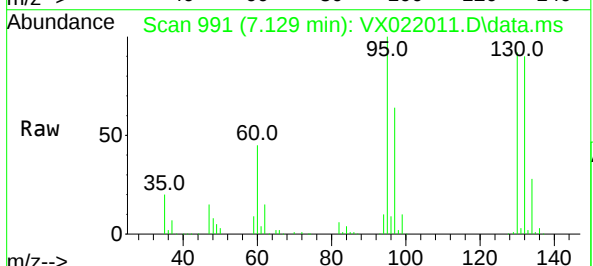
Ion Ratio Lower Upper

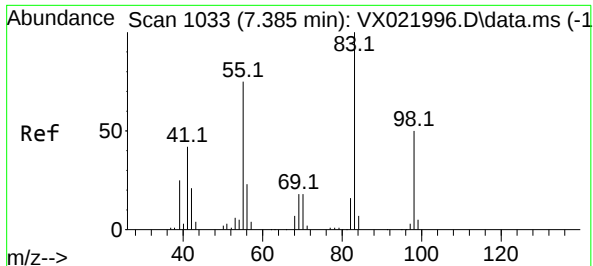
95 100

97 63.8 48.6 90.2

132 89.9 67.3 125.1

130 92.0 69.1 128.3





#35

Methylcyclohexane

Concen: 0.77 ug/L

RT: 7.312 min Scan# 1021

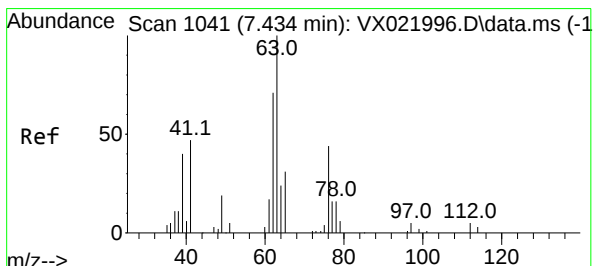
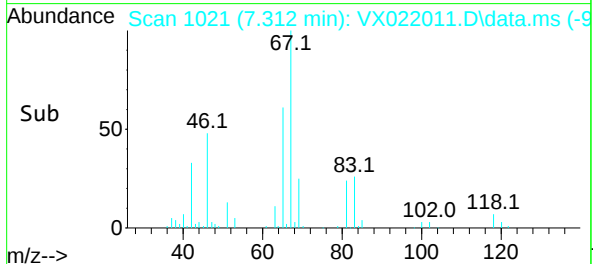
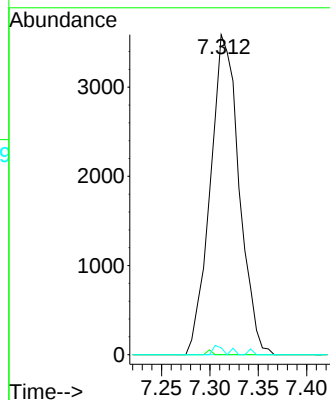
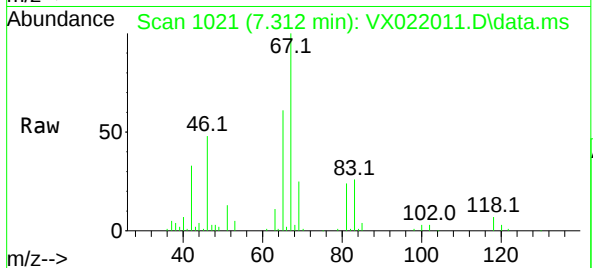
Delta R.T. -0.073 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

Tgt Ion:	83	Resp:	7471
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.3	90.5#
98	0.0	39.4	59.2#

Instrument :
MSVOA_X
ClientSampled :
BG6N3



#37

1,2-Dichloropropane

Concen: 0.62 ug/L

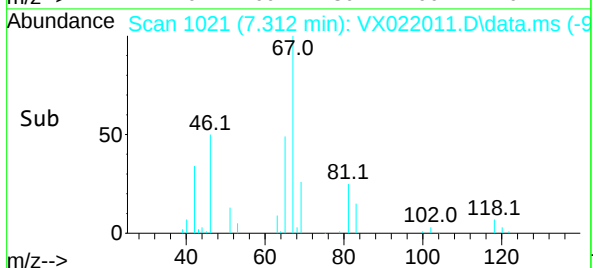
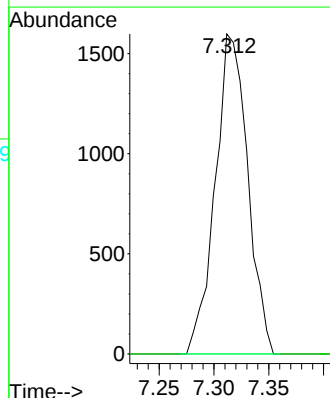
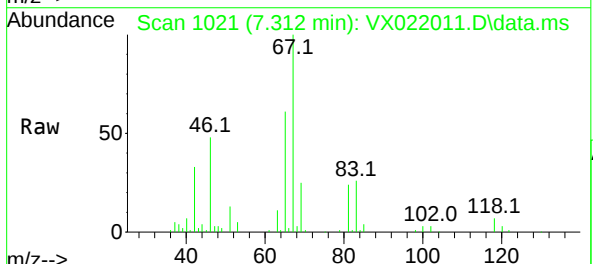
RT: 7.312 min Scan# 1021

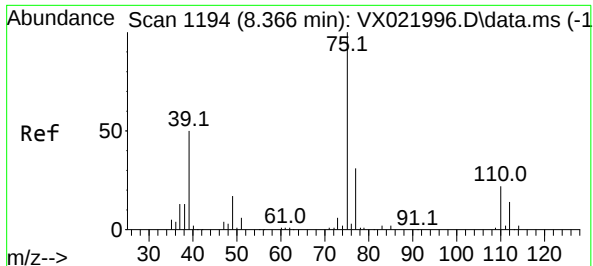
Delta R.T. -0.122 min

Lab File: VX022011.D

Acq: 14 May 2021 21:48

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

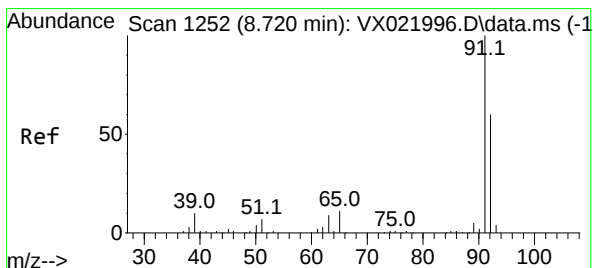
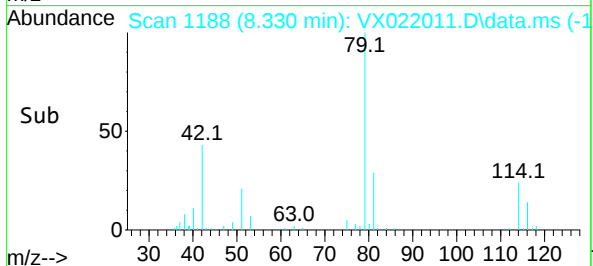
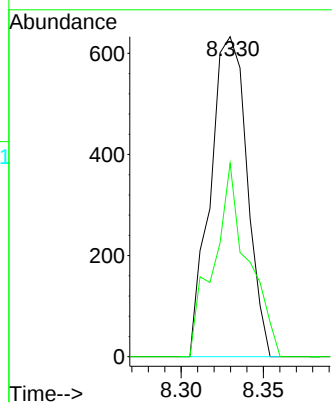
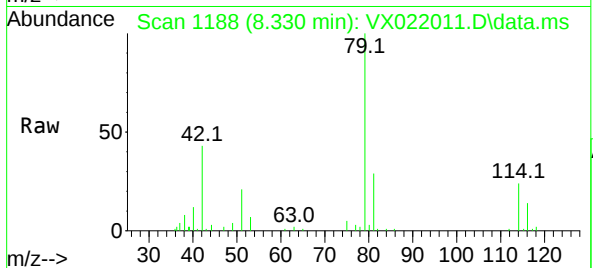




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

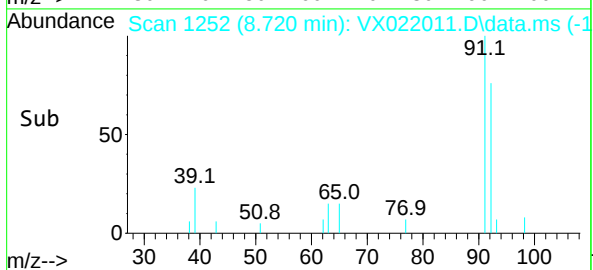
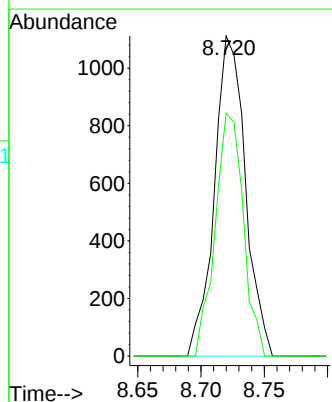
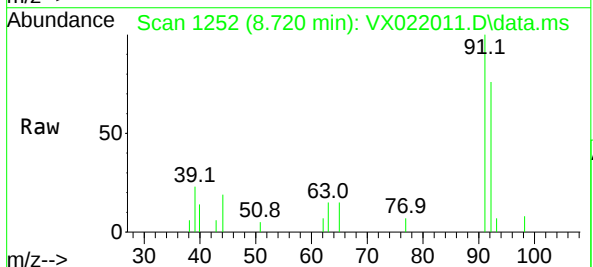
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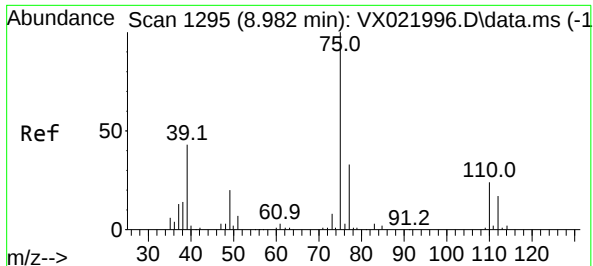
Tgt Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
77 60.5 21.3 39.5#



#42
Toluene
Concen: 0.08 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

Tgt Ion: 91 Resp: 1898
Ion Ratio Lower Upper
91 100
92 75.9 42.1 78.3

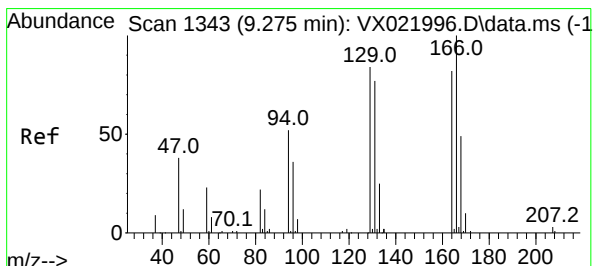
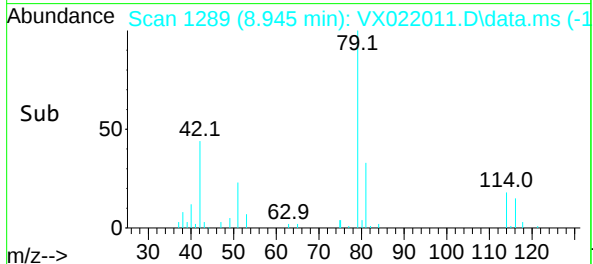
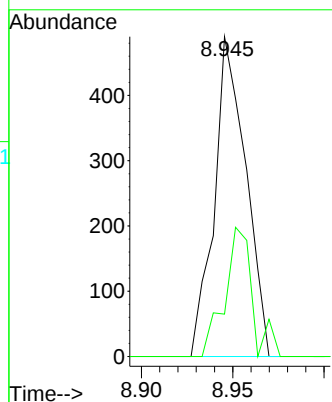
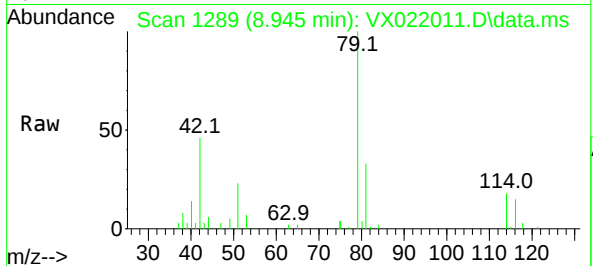




#44
trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.037 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

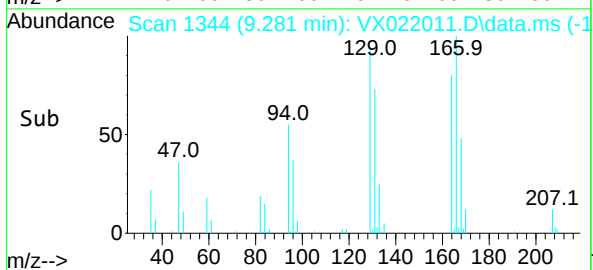
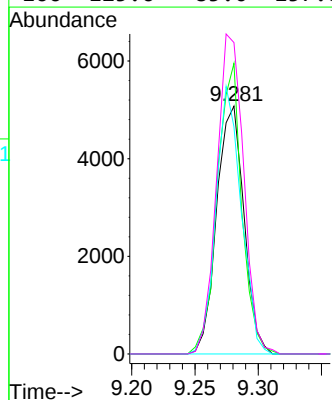
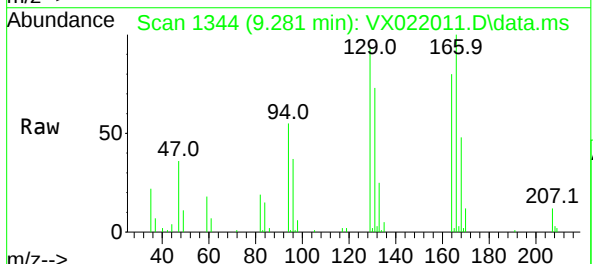
Instrument :
MSVOA_X
ClientSampleId :
BG6N3

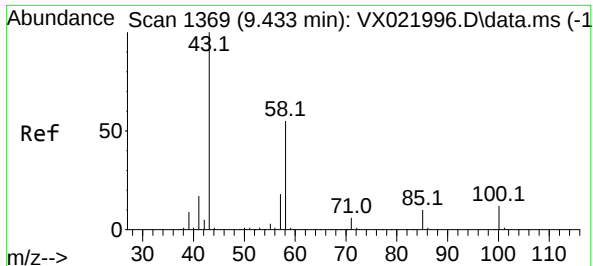
Tgt Ion: 75 Resp: 587
Ion Ratio Lower Upper
75 100
77 13.3 21.6 40.0#



#47
Tetrachloroethene
Concen: 2.01 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

Tgt Ion: 164 Resp: 7598
Ion Ratio Lower Upper
164 100
129 117.2 73.1 135.7
131 91.6 69.1 128.3
166 125.6 85.0 157.8

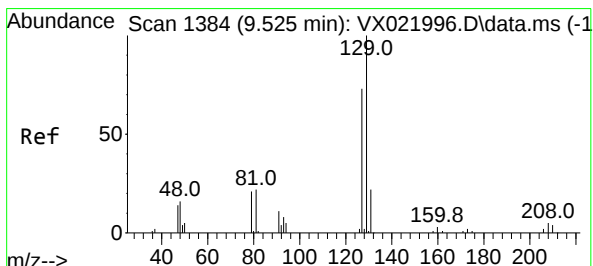
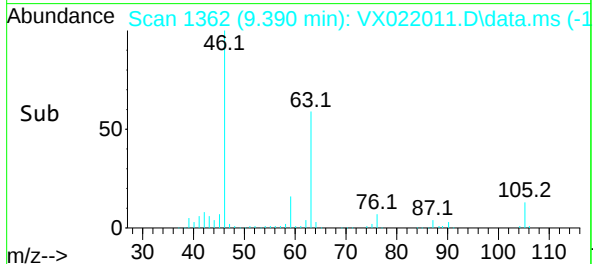
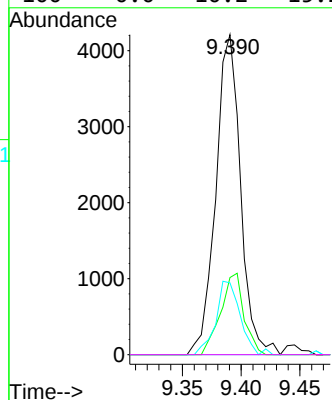
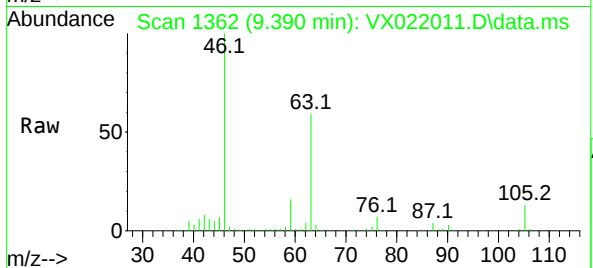




#48
2-Hexanone
Concen: 2.68 ug/L
RT: 9.390 min Scan# 1362
Delta R.T. -0.043 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

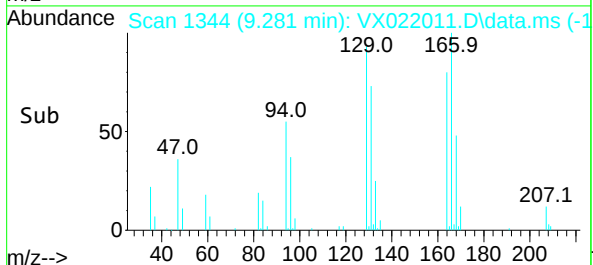
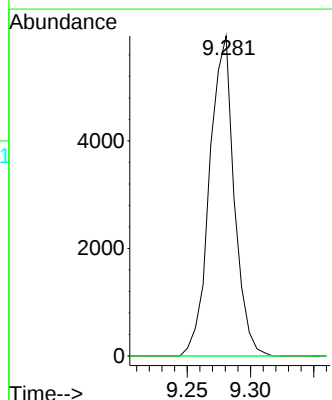
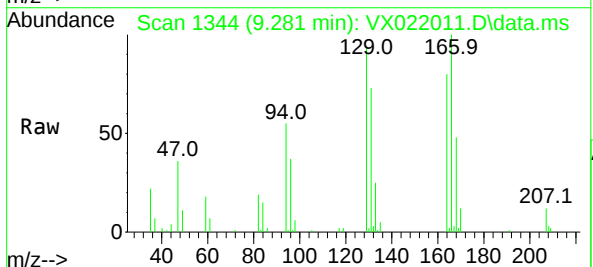
Instrument :
MSVOA_X
ClientSampleId :
BG6N3

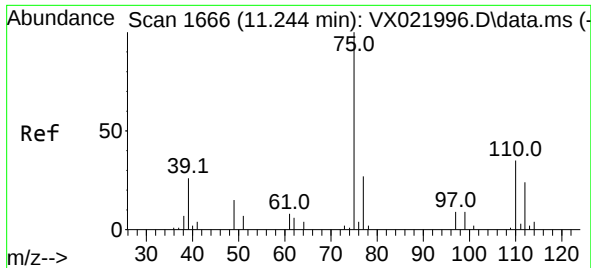
Tgt Ion: 43	Resp: 6169
Ion Ratio	Lower Upper
43 100	
58 24.0	44.6 67.0#
57 22.6	14.8 22.2#
100 0.0	10.2 15.2#



#49
Dibromochloromethane
Concen: 1.89 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022011.D
Acq: 14 May 2021 21:48

Tgt Ion: 129	Resp: 8051
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.25 ug/L
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX022011.D
 Acq: 14 May 2021 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6N3

Tgt Ion: 75 Resp: 738
 Ion Ratio Lower Upper
 75 100
 77 39.0 24.6 37.0#
 110 28.7 32.3 48.5#

