

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092820\
 Data File : VX018640.D
 Acq On : 29 Sep 2020 01:22
 Operator : JC/SP
 Sample : L4135-20
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG498

Quant Time: Sep 29 02:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	308508	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	295070	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	137450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74349	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.70	69	63930	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.34	63	129229	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.55	46	223784	54.36	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.72%
24) Chloroform-d	5.14	84	174100	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	6.03	65	97822	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	6.05	84	338976	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	7.37	67	104998	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	311455	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
45) trans-1,3-Dichloropropene-	8.99	79	42596	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	9.43	63	179398	54.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.54%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	77653	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	116107	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Ovalue
3) Chloromethane	1.31	50	2842	0.178 ug/L	97
5) Vinyl chloride	1.39	62	1047	0.063 ug/L #	1
8) Chloroethane	1.66	64	31765	3.458 ug/L #	54
13) Acetone	2.44	43	4790	2.102 ug/L	87
15) Methyl Acetate	2.73	43	546	0.087 ug/L	97
16) Methylene chloride	2.84	84	3102	0.151 ug/L #	52
22) cis-1,2-Dichloroethene	4.57	96	2271	0.145 ug/L #	52
33) Benzene	6.12	78	17157	0.302 ug/L	100
35) Methylcyclohexane	7.37	83	26453	1.155 ug/L #	17
37) 1,2-Dichloropropane	7.37	63	12340	0.813 ug/L #	86
42) Toluene	8.76	91	27218	0.443 ug/L	95
53) Chlorobenzene	10.12	112	106269	2.618 ug/L	96
55) m,p-xylene	10.35	106	3130	0.122 ug/L	73
64) 1,4-Dichlorobenzene	12.08	146	13289	0.440 ug/L	94
66) 1,2-Dichlorobenzene	12.38	146	2403	0.086 ug/L #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018640.D
Acq On : 29 Sep 2020 01:22
Operator : JC/SP
Sample : L4135-20
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG498

Quant Time: Sep 29 02:42:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration

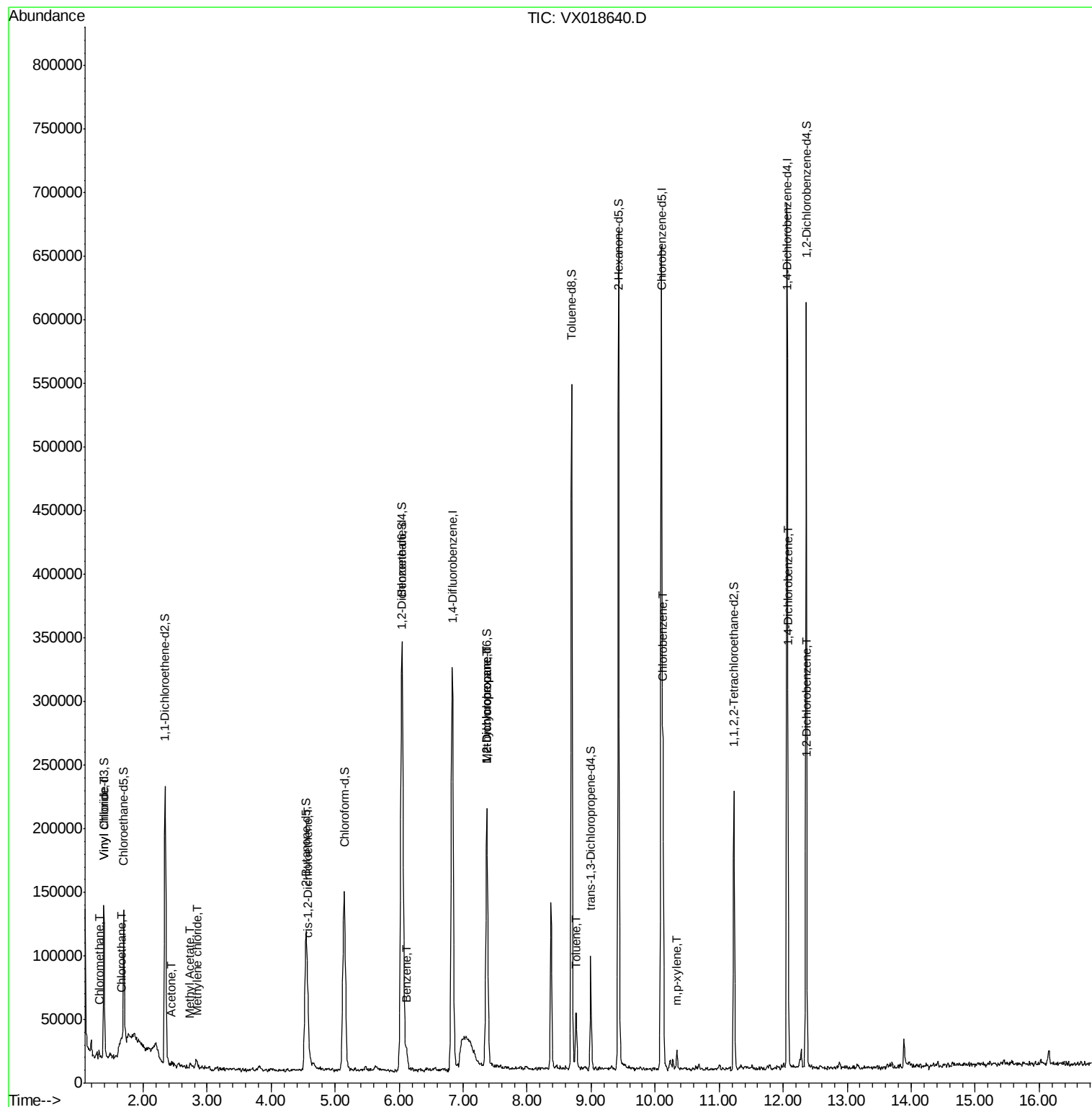
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

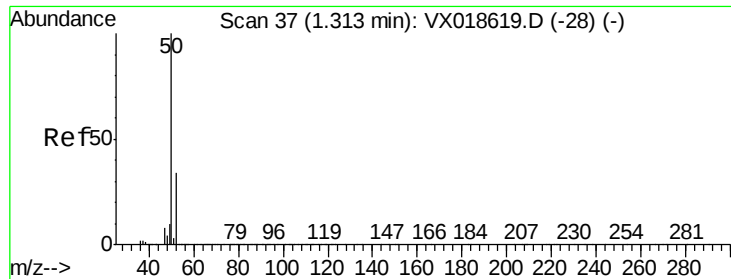
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018640.D
Acq On : 29 Sep 2020 01:22
Operator : JC/SP
Sample : L4135-20
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG498

Quant Time: Sep 29 02:42:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 29 02:30:52 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampleId :

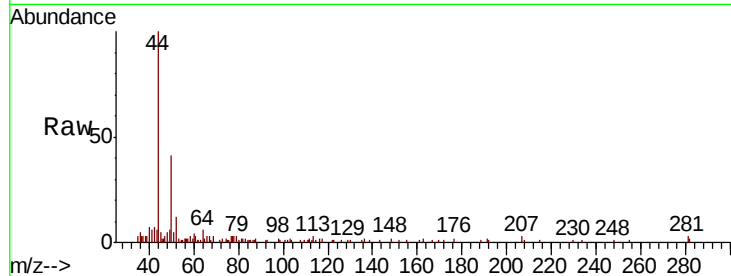
BG498

Tot Ion: 50 Resp: 2842

Ion Ratio Lower Upper

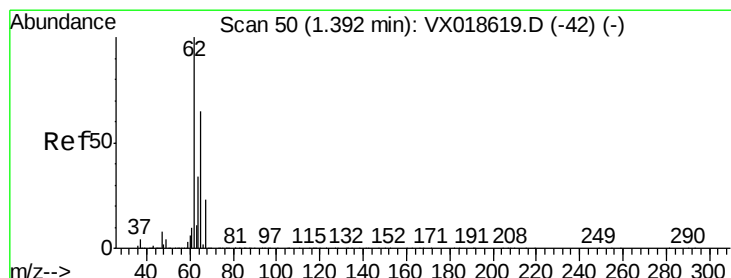
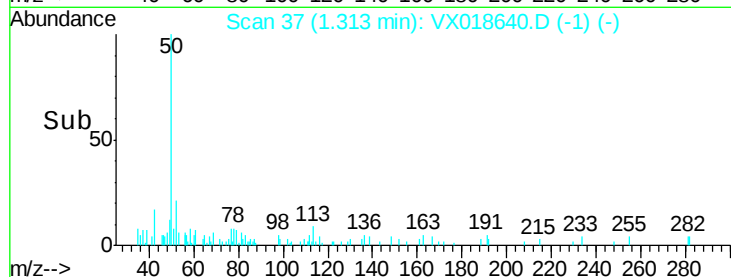
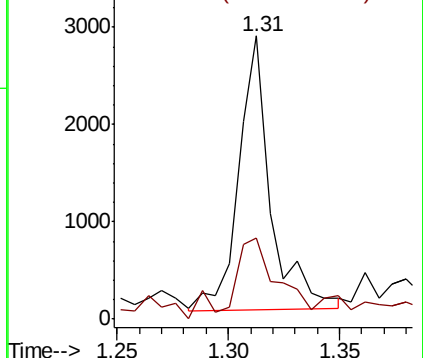
50 100

52 28.8 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#5

Vinyl chloride

Concen: 0.063 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018640.D

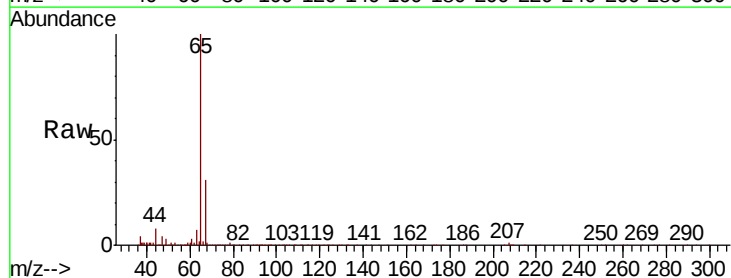
Acq: 29 Sep 2020 01:22

Tgt Ion: 62 Resp: 1047

Ion Ratio Lower Upper

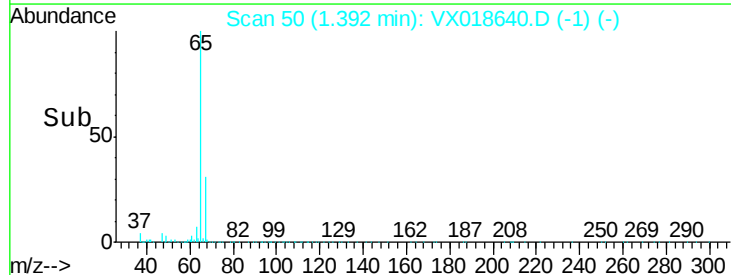
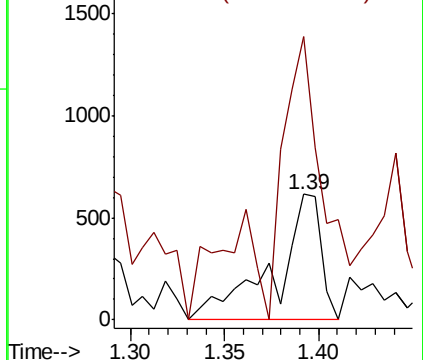
62 100

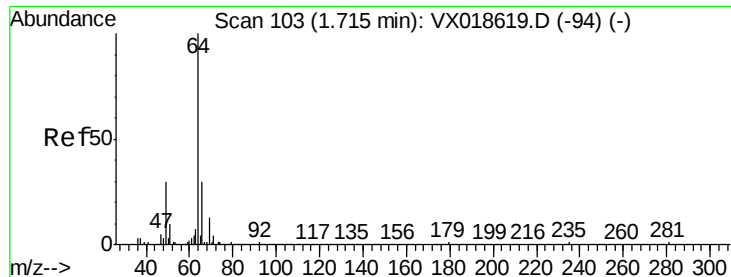
64 225.5 23.6 43.8#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0

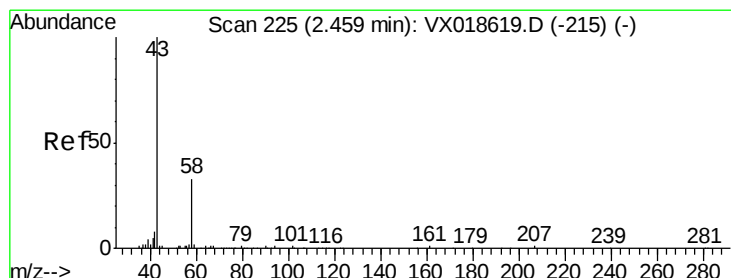
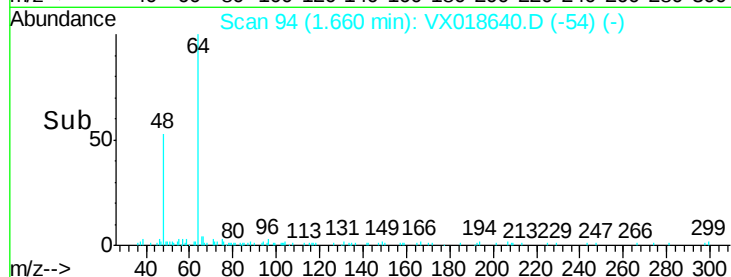
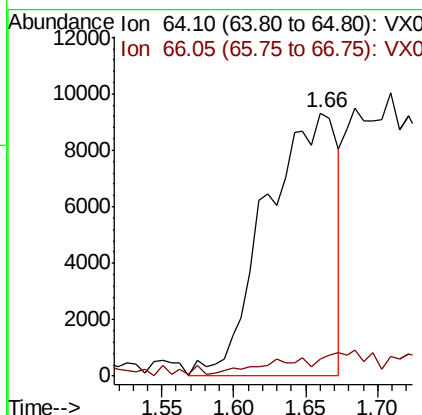
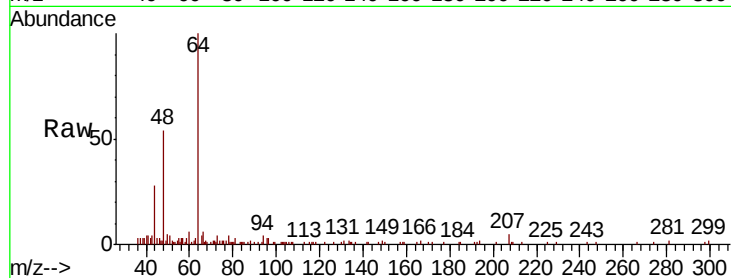




#8
Chloroethane
Concen: 3.458 ug/L
RT: 1.66 min Scan# 94
Delta R.T. -0.05 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

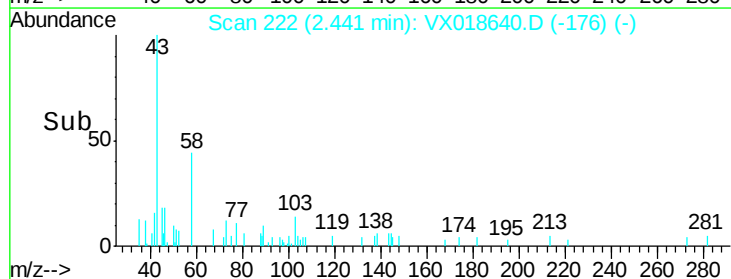
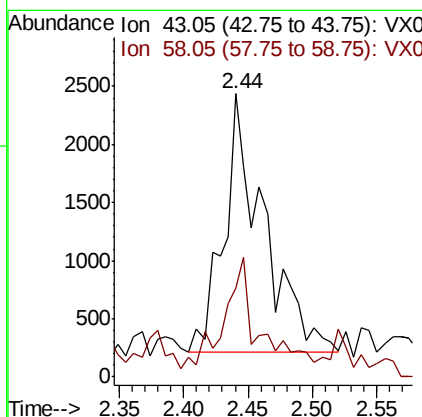
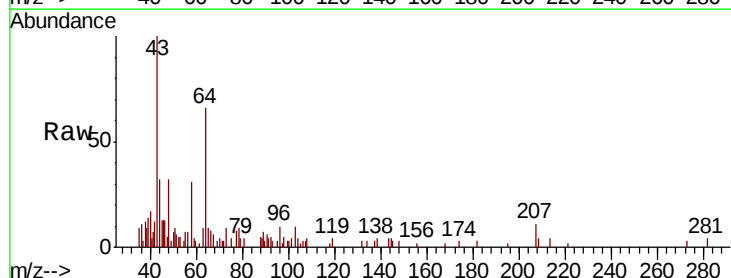
Instrument :
MSVOA_X
ClientSampled :
BG498

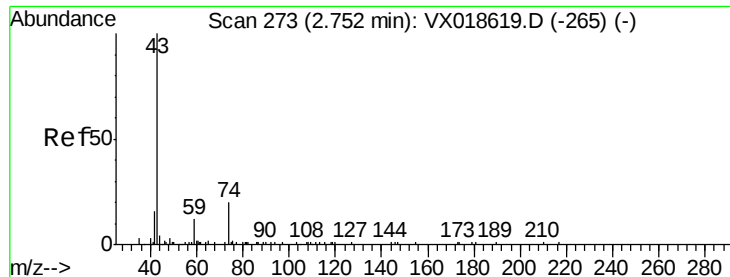
Tot Ion: 64 Resp: 31765
Ion Ratio Lower Upper
64 100
66 6.4 22.3 41.3#



#13
Acetone
Concen: 2.102 ug/L
RT: 2.44 min Scan# 222
Delta R.T. -0.02 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
58 38.1 0.0 61.6

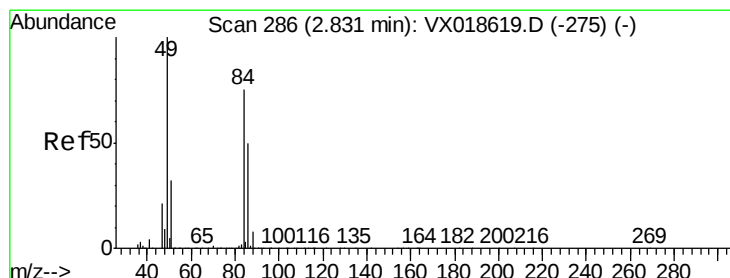
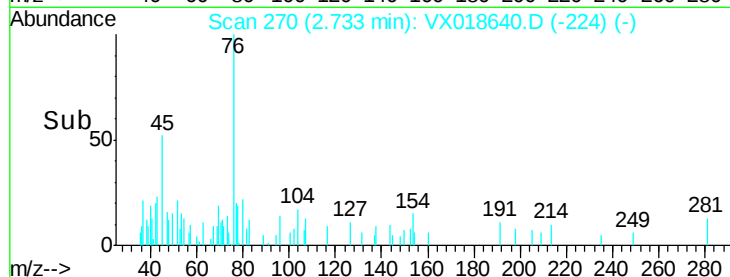
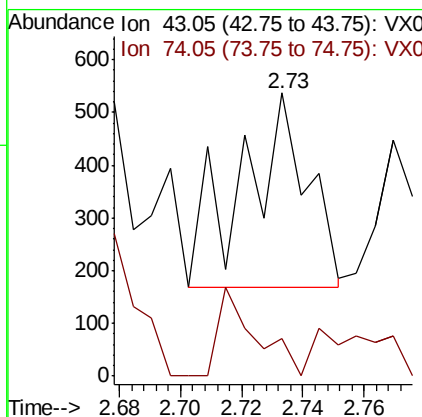
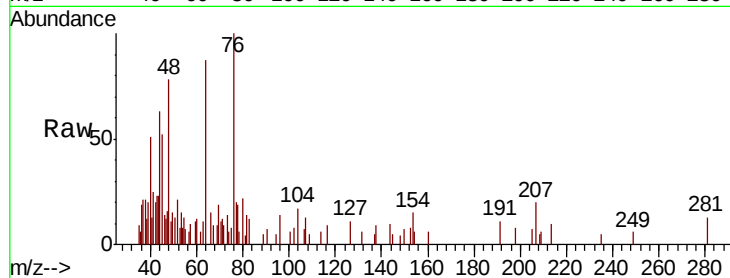




#15
Methvl Acetate
Concen: 0.087 ug/L
RT: 2.73 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

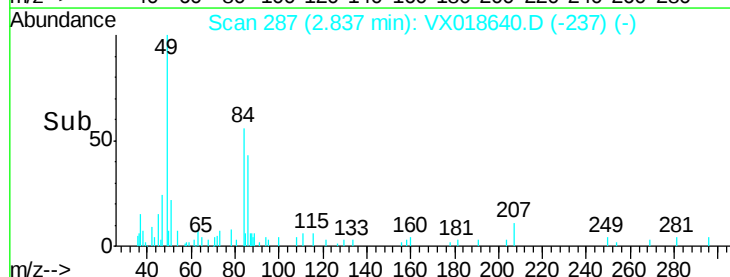
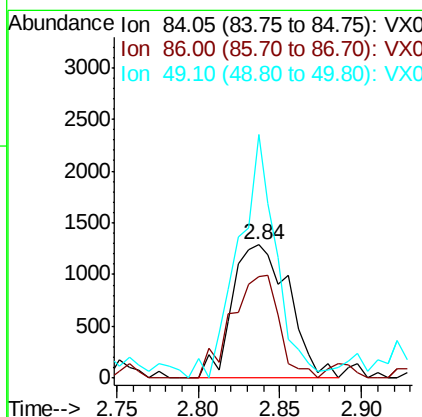
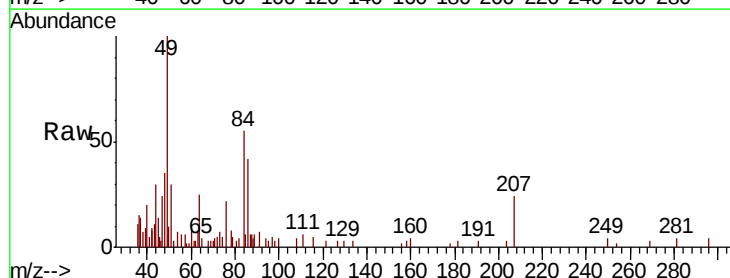
Instrument :
MSVOA_X
ClientSampled :
BG498

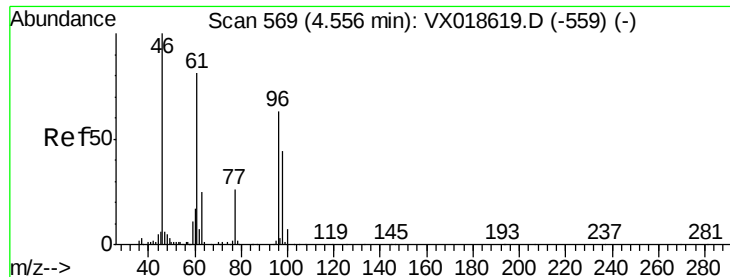
Tot Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
74 24.7 21.2 31.8



#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

Tgt Ion: 84 Resp: 3102
Ion Ratio Lower Upper
84 100
86 76.3 41.9 77.7
49 182.6 80.8 150.2#





#22

cis-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 4.57 min Scan# 572

Delta R.T. 0.02 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampleId :

BG498

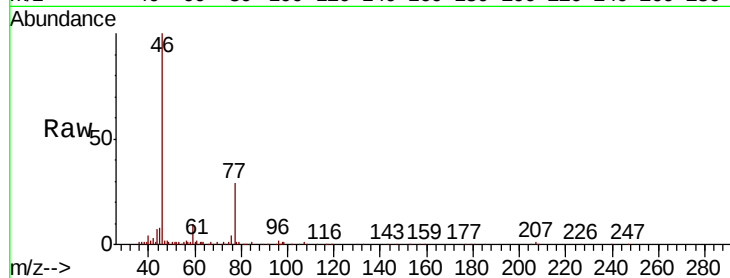
Tot Ion: 96 Resp: 2271

Ion Ratio Lower Upper

96 100

61 70.7 87.7 162.9#

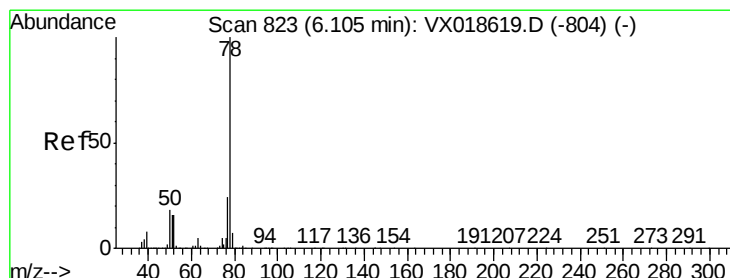
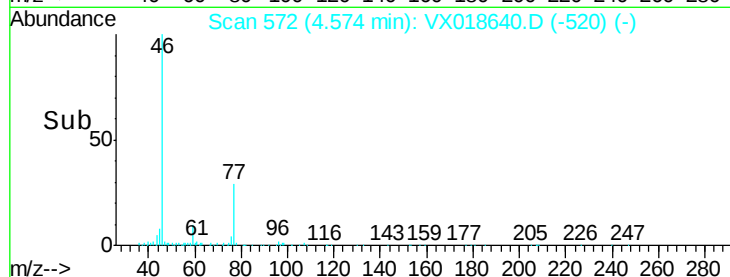
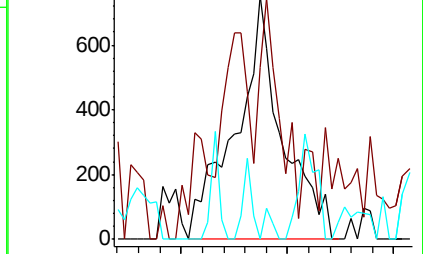
68 0.0 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0



#33

Benzene

Concen: 0.302 ug/L

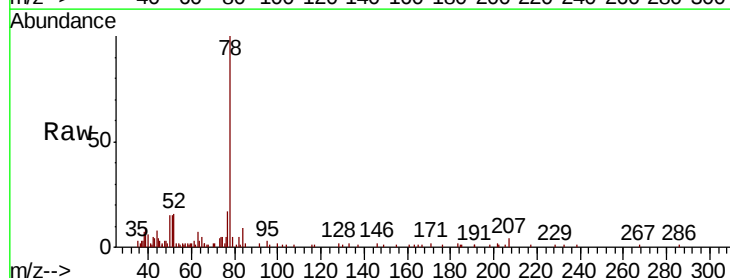
RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018640.D

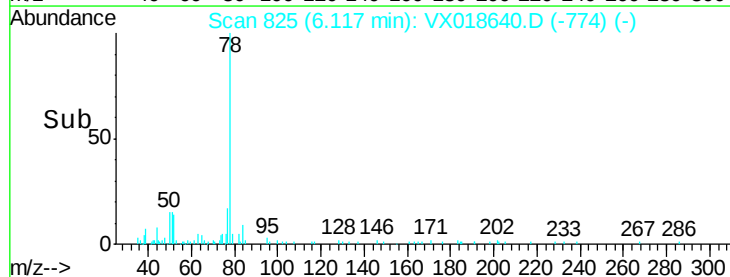
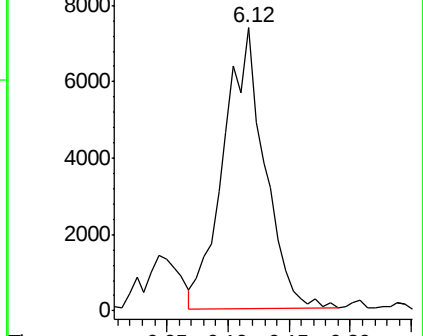
Acq: 29 Sep 2020 01:22

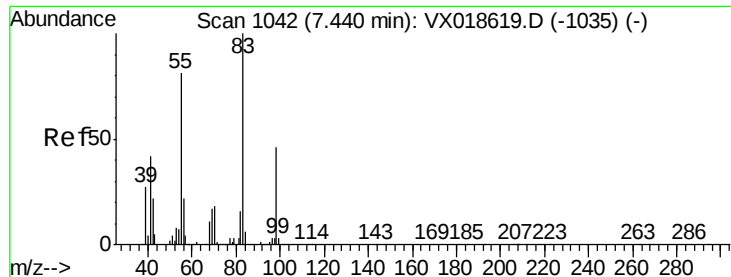
Tgt Ion: 78 Resp: 17157



Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 78.10 (77.80 to 78.80): VX0

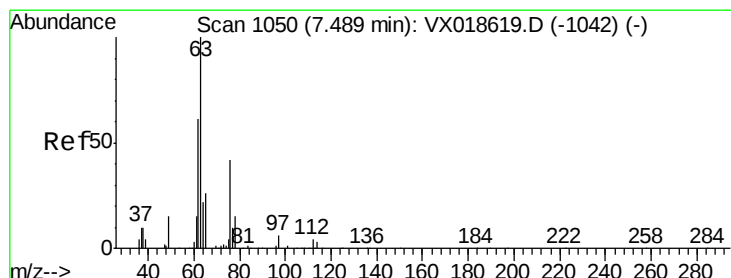
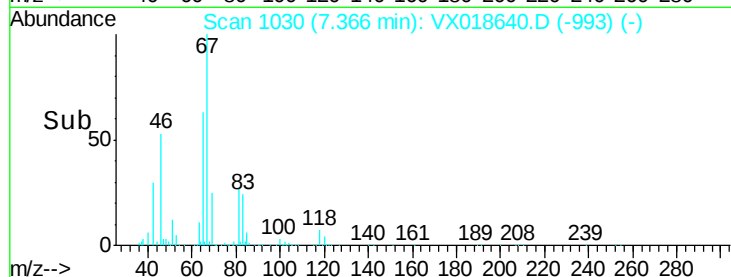
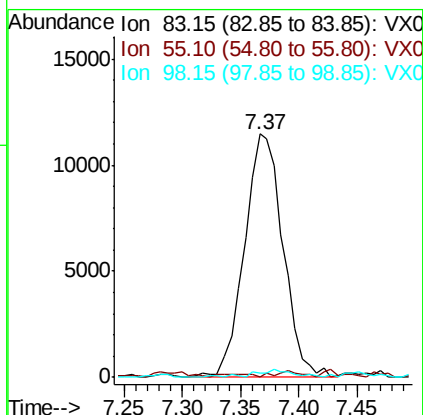
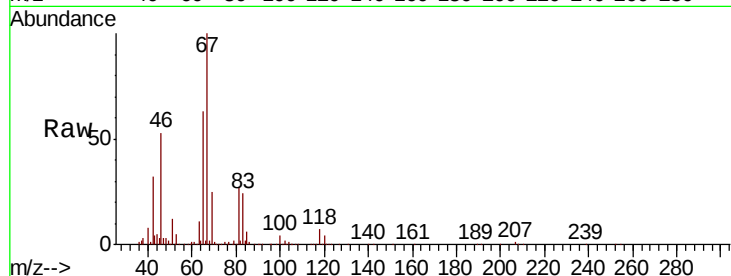




#35
Methvlcvclohexane
Concen: 1.155 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

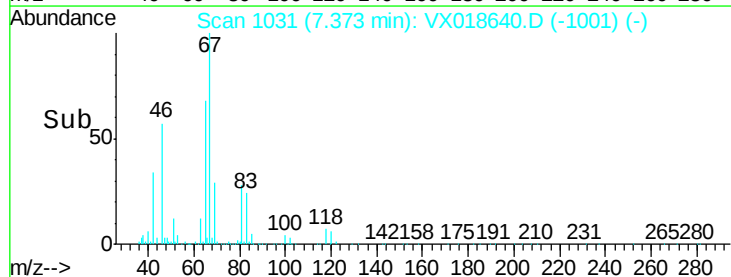
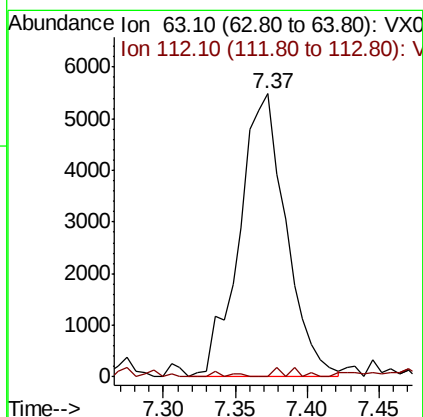
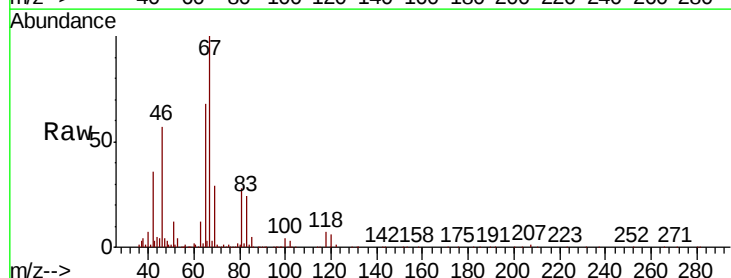
Instrument :
MSVOA_X
ClientSampleId :
BG498

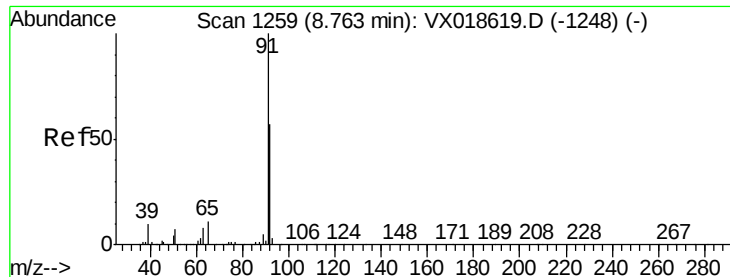
Tot Ion: 83 Resp: 26453
Ion Ratio Lower Upper
83 100
55 1.7 67.4 101.0#
98 3.1 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 0.813 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018640.D
Acq: 29 Sep 2020 01:22

Tgt Ion: 63 Resp: 12340
Ion Ratio Lower Upper
63 100
112 0.5 4.1 6.1#





#42

Toluene

Concen: 0.443 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampleId :

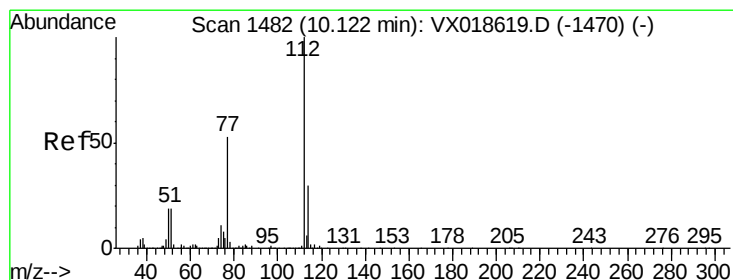
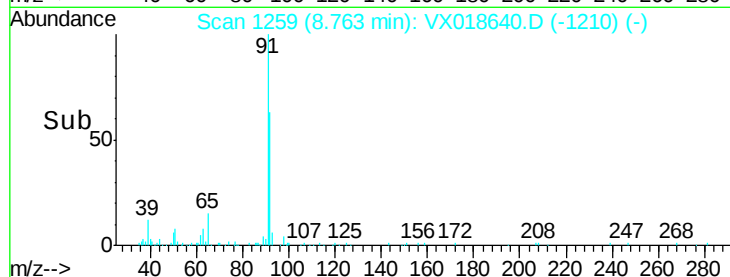
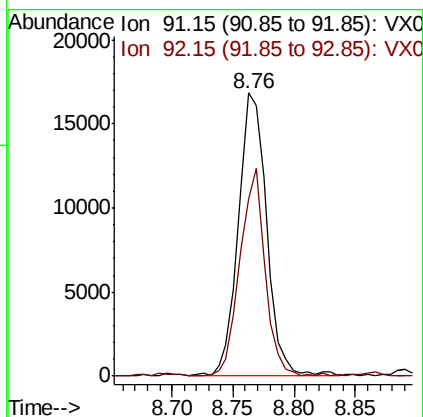
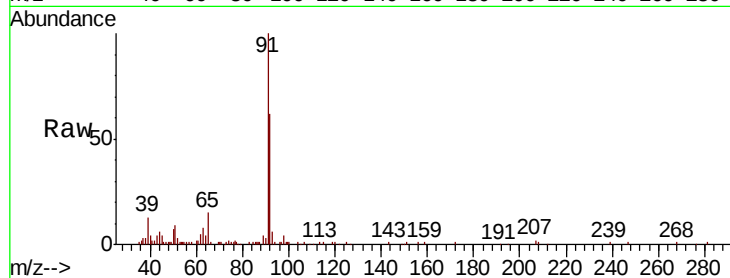
BG498

Tot Ion: 91 Resp: 27218

Ion Ratio Lower Upper

91 100

92 62.4 41.1 76.3



#53

Chlorobenzene

Concen: 2.618 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

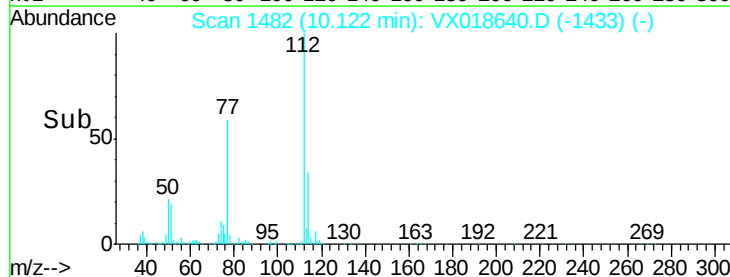
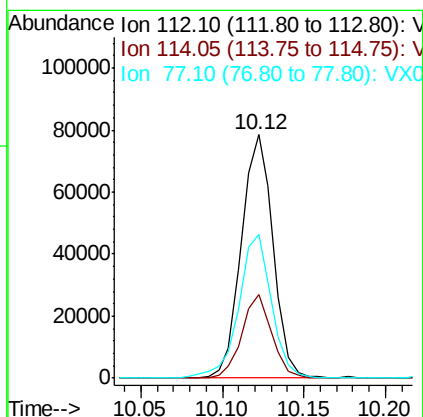
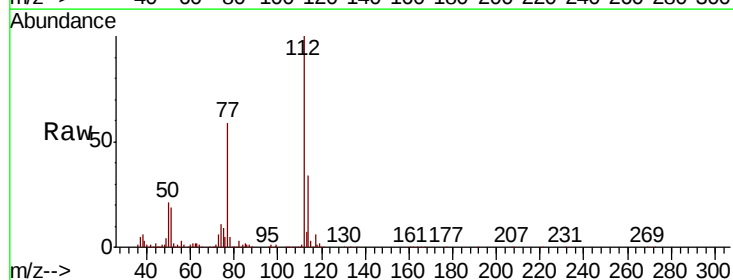
Tgt Ion: 112 Resp: 106269

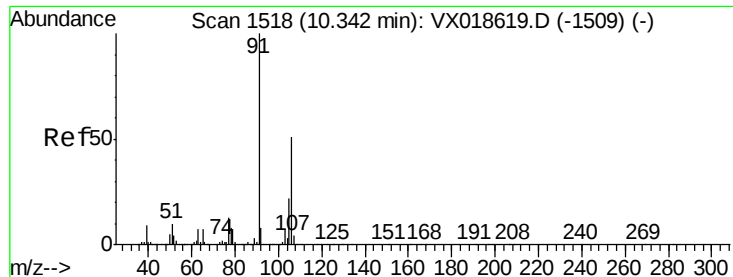
Ion Ratio Lower Upper

112 100

114 34.2 20.6 38.4

77 59.1 46.6 69.8





#55

m,p-xylene

Concen: 0.122 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

Instrument :

MSVOA_X

ClientSampled :

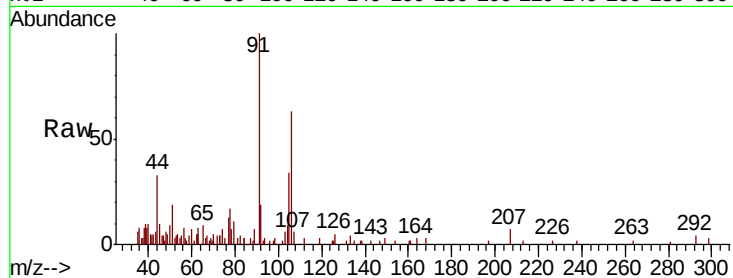
BG498

Tot Ion:106 Resp: 3130

Ion Ratio Lower Upper

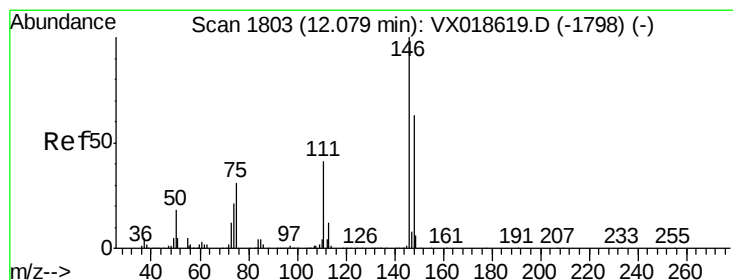
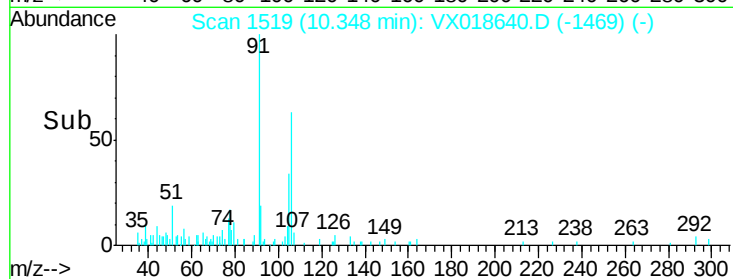
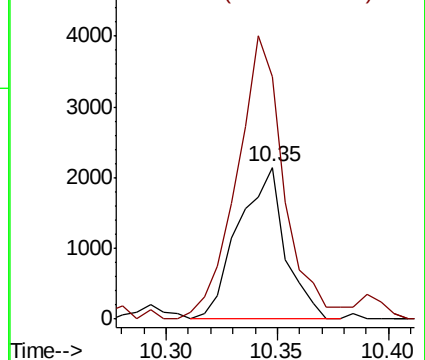
106 100

91 159.8 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#64

1,4-Dichlorobenzene

Concen: 0.440 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018640.D

Acq: 29 Sep 2020 01:22

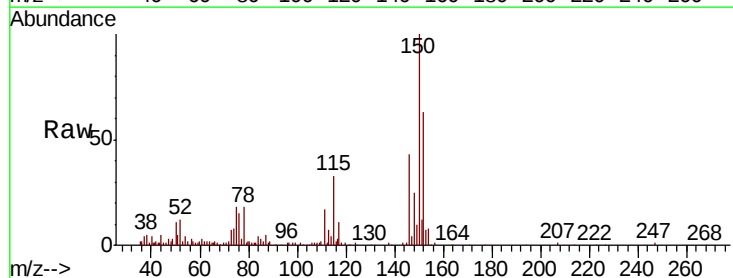
Tgt Ion:146 Resp: 13289

Ion Ratio Lower Upper

146 100

111 39.1 28.8 53.4

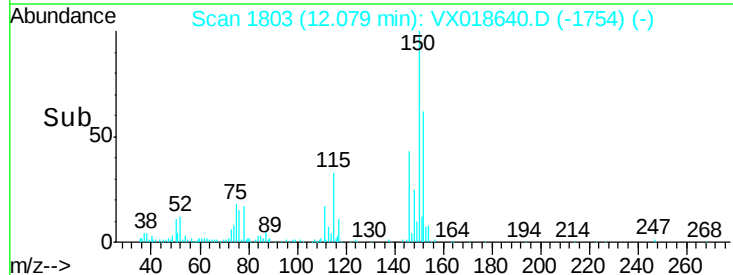
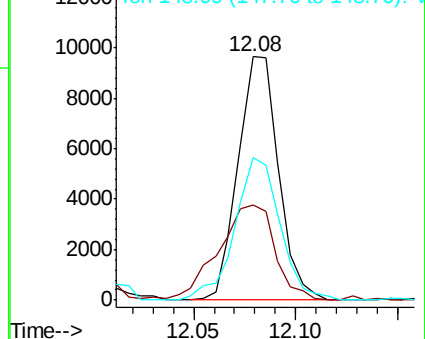
148 58.5 44.9 83.3

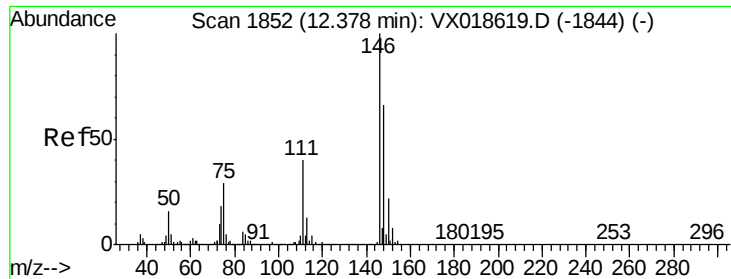


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

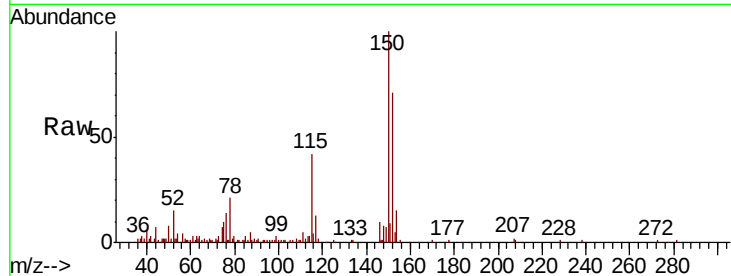




#66
 1,2-Dichlorobenzene
 Concen: 0.086 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018640.D
 Acq: 29 Sep 2020 01:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BG498

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	33.6	50.4
148	82.7	53.4	80.2



Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

