

Data File : VX018709.D
Acq On : 30 Sep 2020 20:01
Operator : JC/SP
Sample : L4171-16
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3Z4

Quant Time: Oct 01 02:41:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	190399	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	182358	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	81352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38338	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.70	69	36271	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.34	63	74565	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.56	46	144287	56.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.58%
24) Chloroform-d	5.14	84	117758	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	6.04	65	67200	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	6.05	84	198732	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	7.37	67	62049	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	8.70	98	170752	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
45) trans-1,3-Dichloropropene-	8.99	79	26902	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	9.43	63	110588	54.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.26%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	50310	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	69253	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

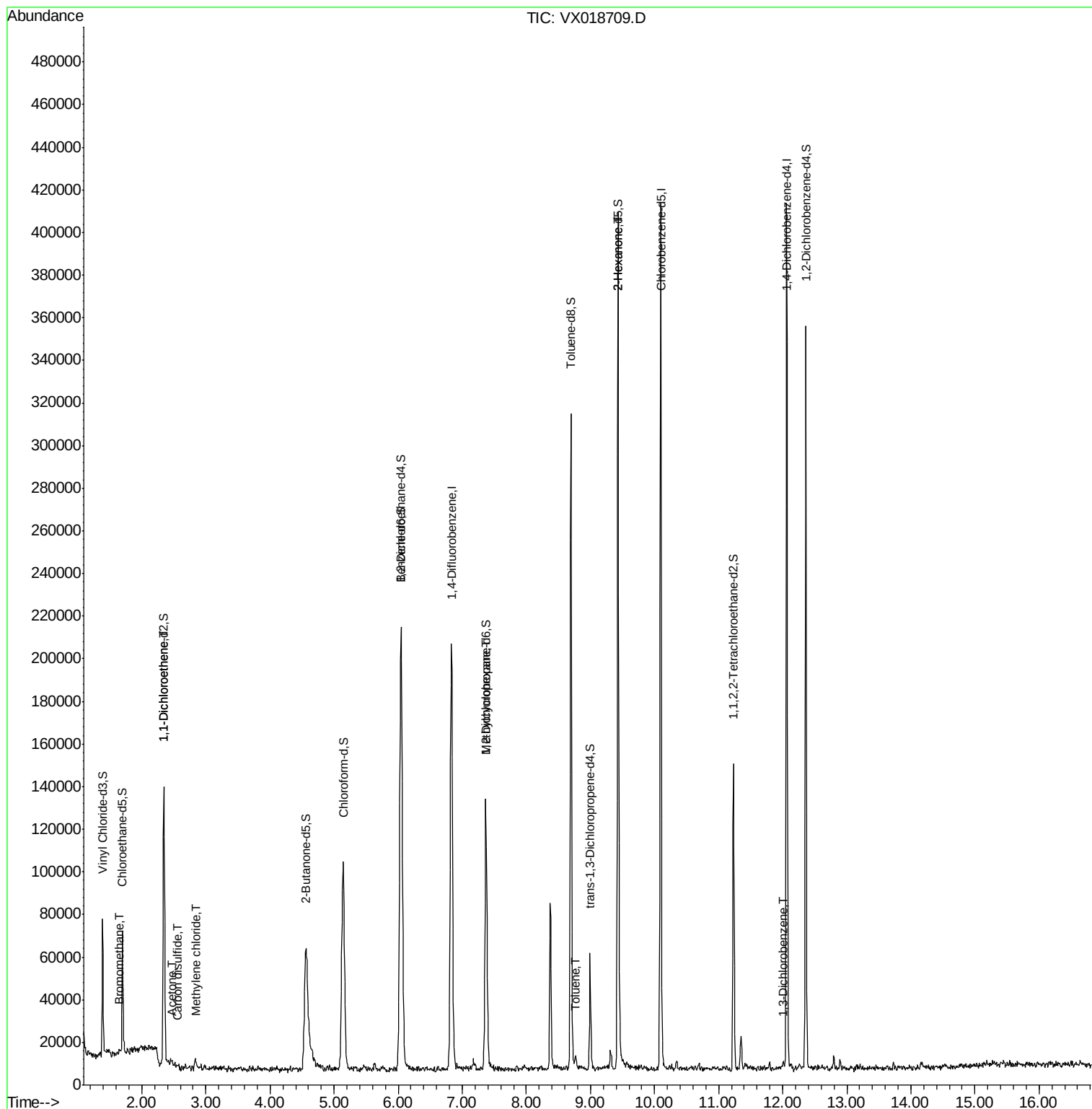
					Qvalue
6) Bromomethane	1.64	94	627	0.102 ug/L	86
12) 1,1-Dichloroethene	2.34	96	1124	0.121 ug/L #	1
13) Acetone	2.47	43	1253	0.891 ug/L	71
14) Carbon disulfide	2.56	76	2126	0.075 ug/L #	91
16) Methylene chloride	2.84	84	1829	0.144 ug/L #	45
35) Methylcyclohexane	7.37	83	17917	1.266 ug/L #	17
42) Toluene	8.77	91	3722	0.098 ug/L	96
50) 2-Hexanone	9.43	43	16971	4.611 ug/L #	66
63) 1,3-Dichlorobenzene	12.01	146	1430	0.081 ug/L #	74

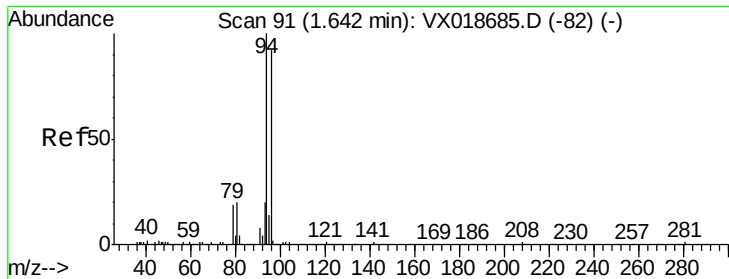
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.102 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018709.D

Acq: 30 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

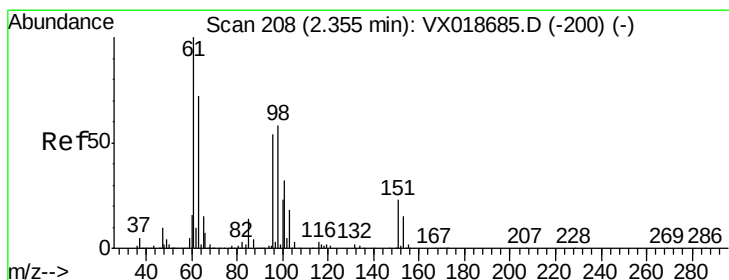
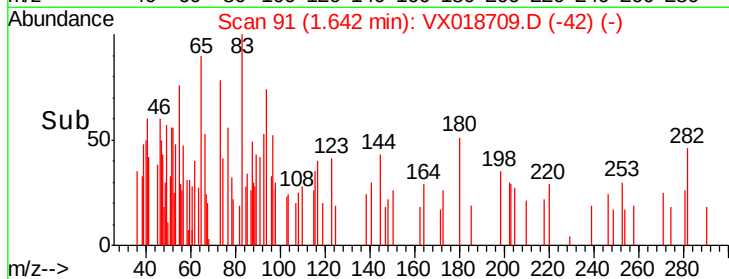
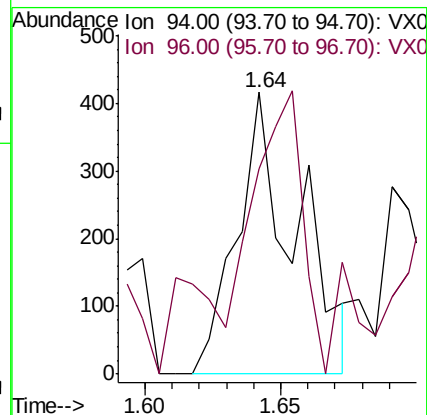
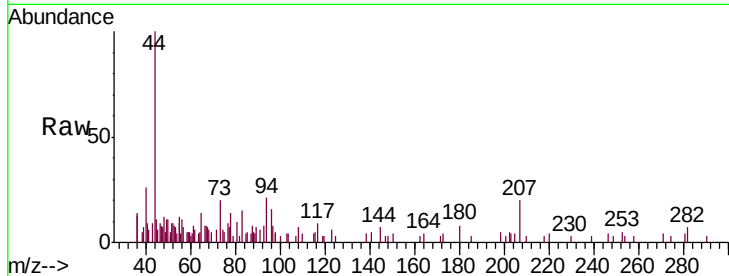
BG3Z4

Tgt Ion: 94 Resp: 627

Ion Ratio Lower Upper

94 100

96 110.6 67.8 125.8



#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018709.D

Acq: 30 Sep 2020 20:01

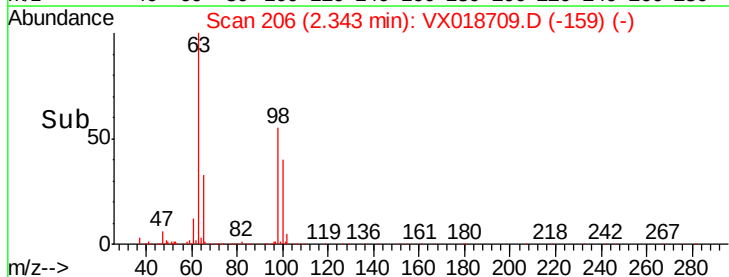
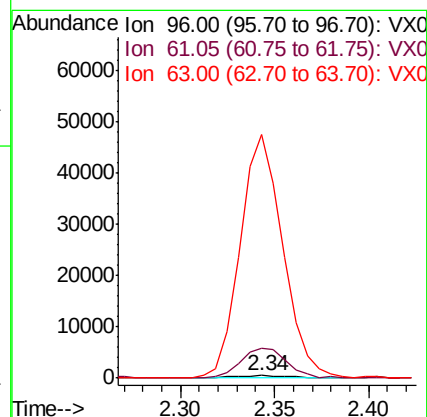
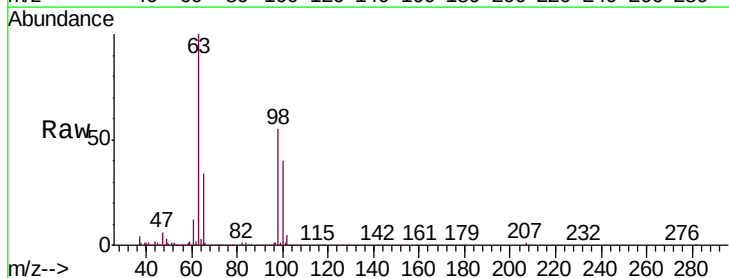
Tgt Ion: 96 Resp: 1124

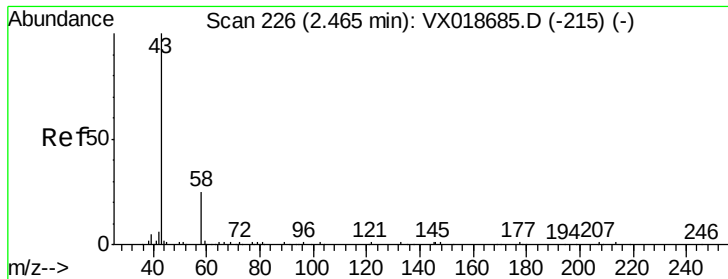
Ion Ratio Lower Upper

96 100

61 694.8 123.8 229.8#

63 5584.0 104.7 194.4#





#13

Acetone

Concen: 0.891 ug/L

RT: 2.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: VX018709.D

Acq: 30 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampled :

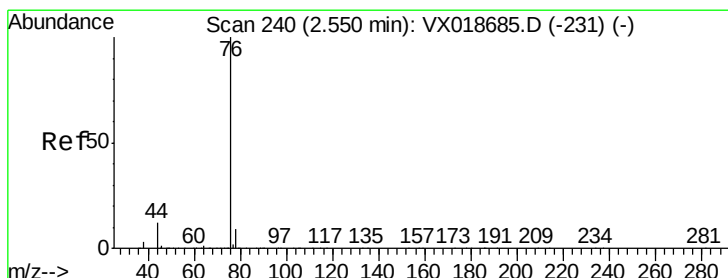
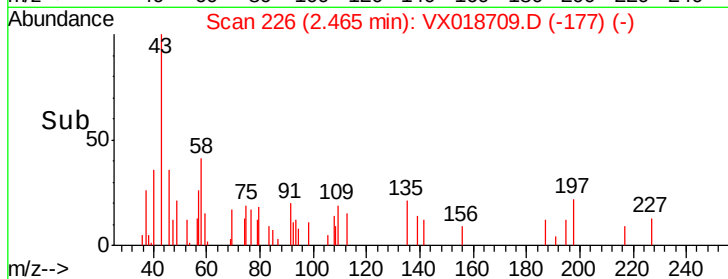
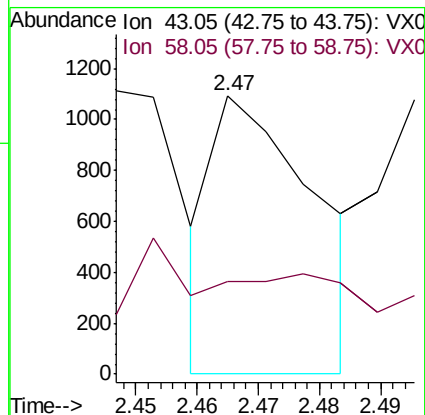
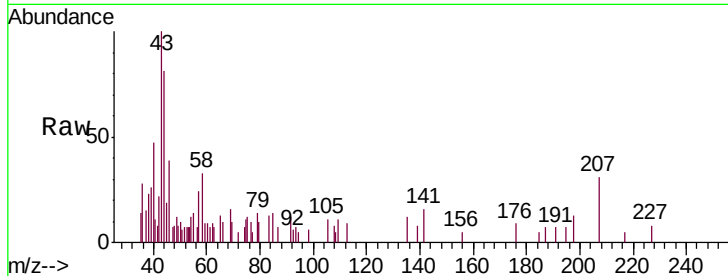
BG3Z4

Tgt Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

58 46.6 0.0 61.6



#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018709.D

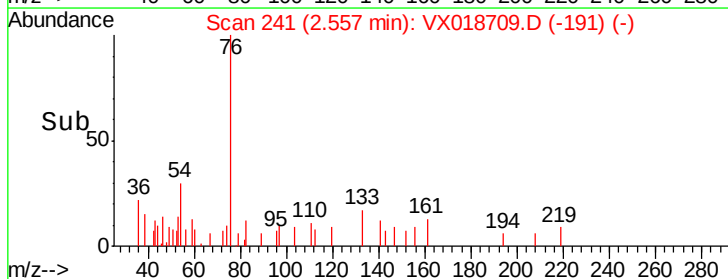
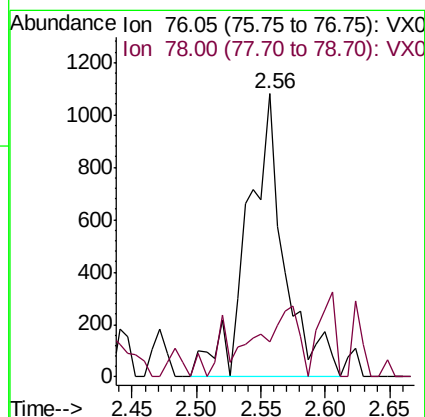
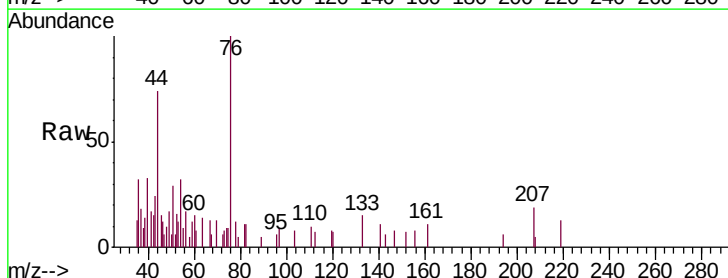
Acq: 30 Sep 2020 20:01

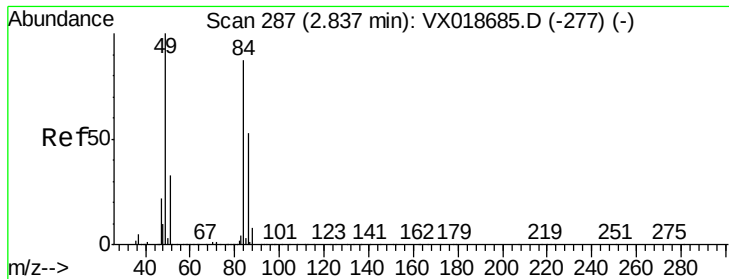
Tgt Ion: 76 Resp: 2126

Ion Ratio Lower Upper

76 100

78 12.4 7.4 11.0#

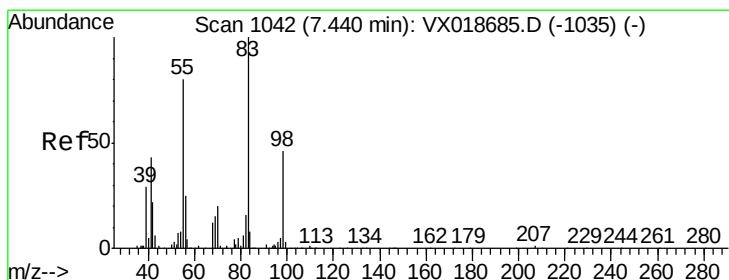
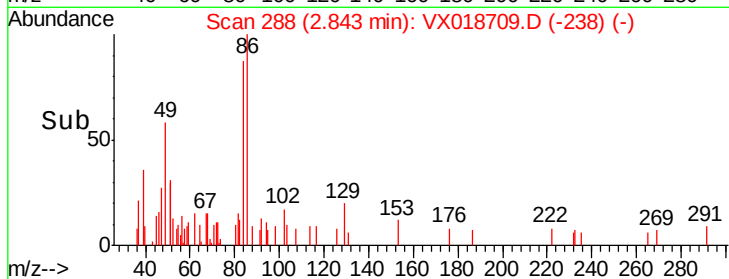
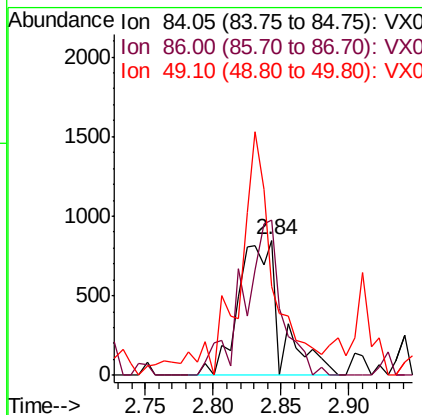
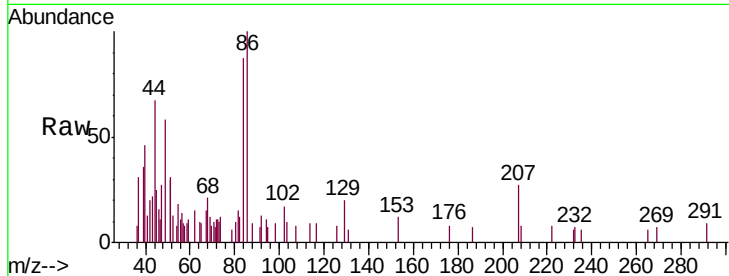




#16
Methylene chloride
Concen: 0.144 ug/L
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018709.D
Acq: 30 Sep 2020 20:01

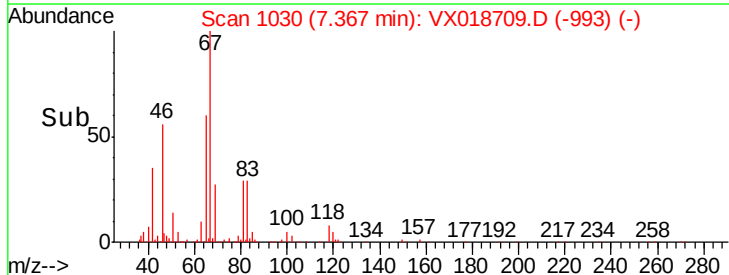
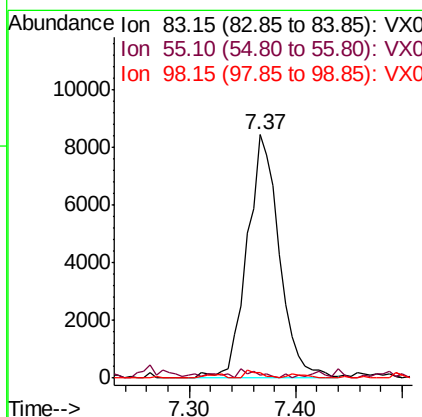
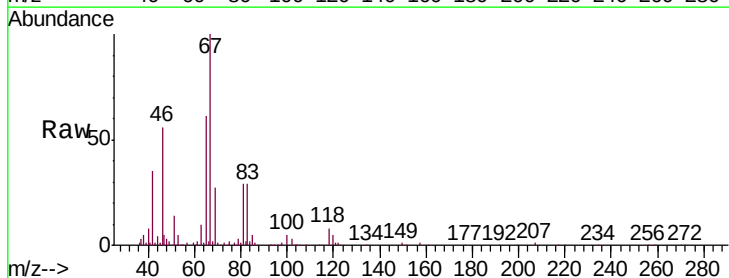
Instrument :
MSVOA_X
ClientSampled :
BG3Z4

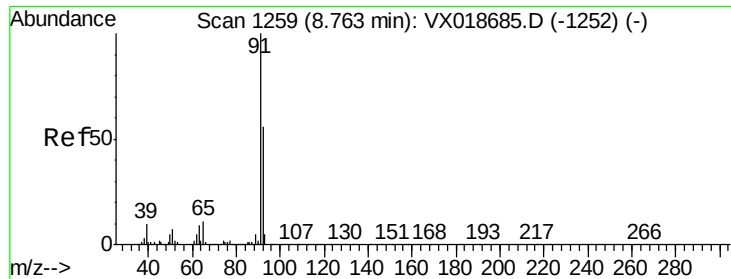
Tgt Ion: 84 Resp: 1829
Ion Ratio Lower Upper
84 100
86 114.6 41.9 77.7#
49 66.0 80.8 150.2#



#35
Methylcyclohexane
Concen: 1.266 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018709.D
Acq: 30 Sep 2020 20:01

Tgt Ion: 83 Resp: 17917
Ion Ratio Lower Upper
83 100
55 2.4 67.4 101.0#
98 1.7 41.1 61.7#





#42

Toluene

Concen: 0.098 ug/L

RT: 8.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VX018709.D

Acq: 30 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampled :

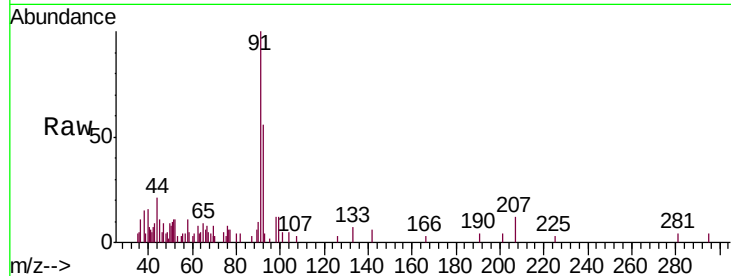
BG3Z4

Tgt Ion: 91 Resp: 3722

Ion Ratio Lower Upper

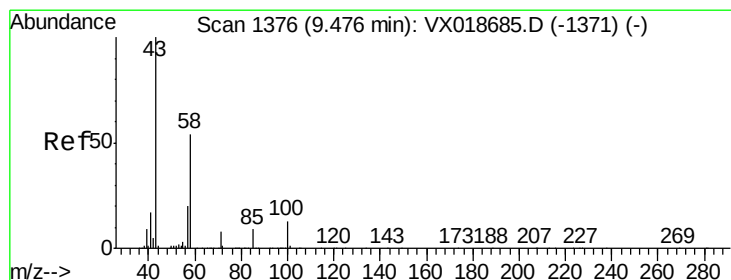
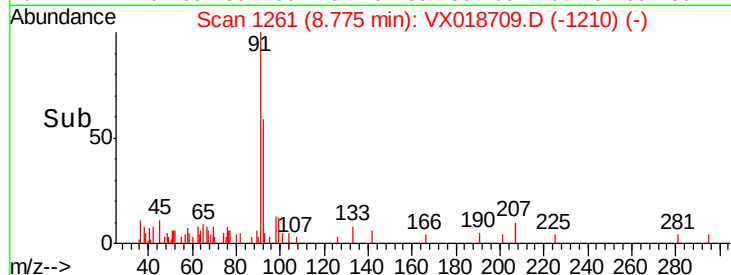
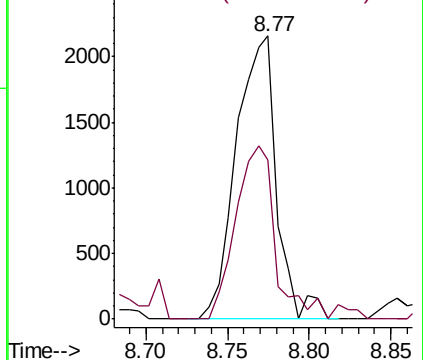
91 100

92 56.1 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#50

2-Hexanone

Concen: 4.611 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VX018709.D

Acq: 30 Sep 2020 20:01

Tgt Ion: 43 Resp: 16971

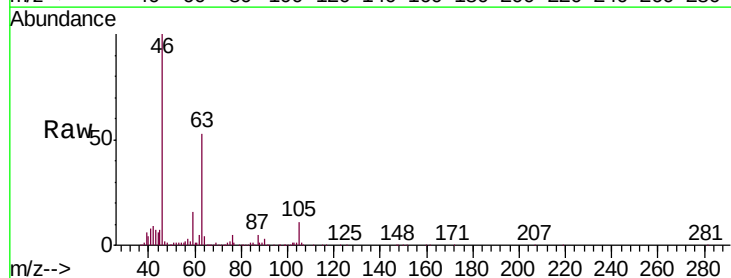
Ion Ratio Lower Upper

43 100

58 26.3 42.5 63.7#

57 33.9 15.9 23.9#

100 2.7 9.4 14.0#

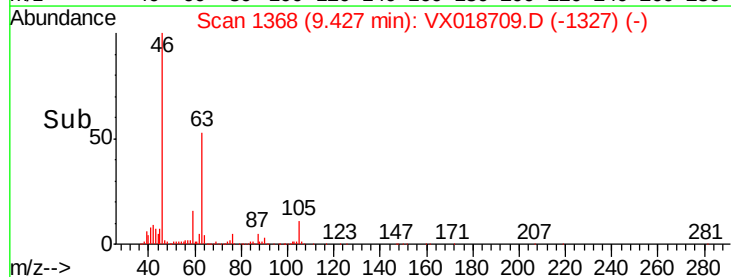
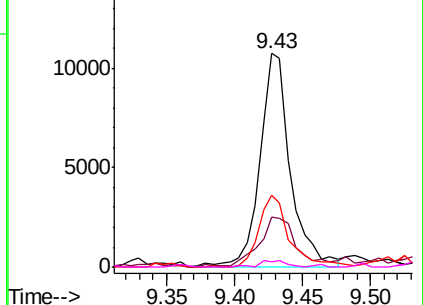


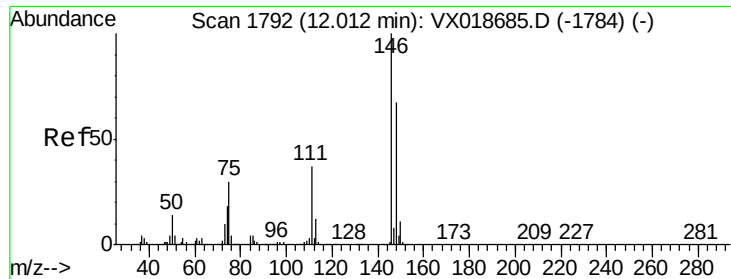
Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

Ion 57.20 (56.90 to 57.90): VX0

Ion 100.15 (99.85 to 100.85): VX0





#63
 1,3-Dichlorobenzene
 Concen: 0.081 ug/L
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018709.D
 Acq: 30 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Z4

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.3	26.7	49.7
148	38.0	44.4	82.5

