

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018661.D
 Acq On : 29 Sep 2020 16:39
 Operator : JC/SP
 Sample : L4143-06
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:57:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	252615	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	242326	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	105210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57975	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.70	69	48897	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.34	63	105548	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.56	46	168080	49.86	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	5.14	84	140927	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	6.03	65	83075	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.05	84	257417	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	7.37	67	81111	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	8.70	98	237223	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	8.99	79	30173	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
48) 2-Hexanone-d5	9.43	63	131486	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	60294	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	88906	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

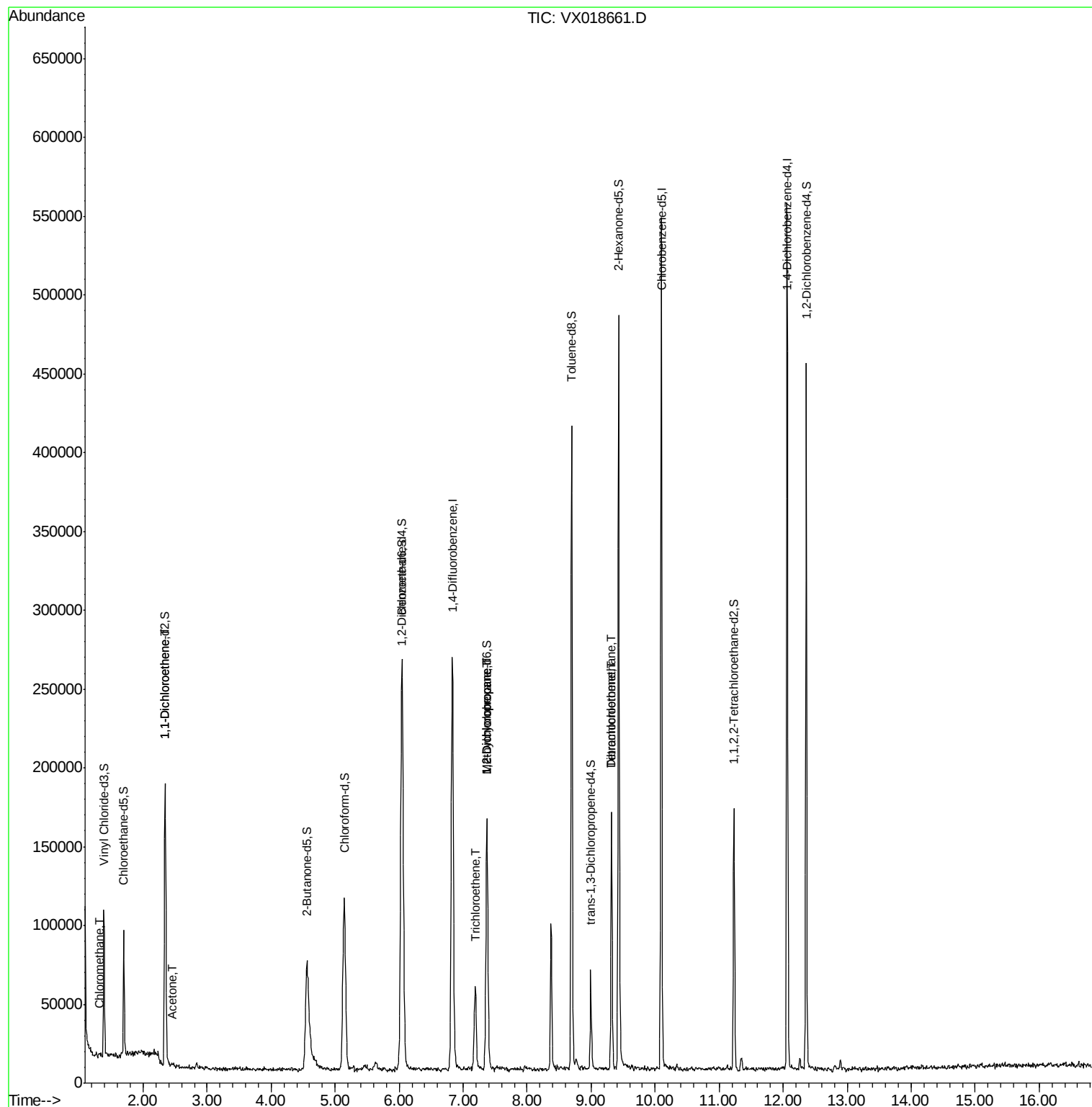
					Ovalue
3) Chloromethane	1.31	50	1272	0.097 ug/L #	72
12) 1,1-Dichloroethene	2.34	96	1548	0.126 ug/L #	1
13) Acetone	2.46	43	2152	1.153 ug/L	54
34) Trichloroethene	7.19	95	18830	1.393 ug/L	94
35) Methylcyclohexane	7.37	83	19750	1.050 ug/L #	17
37) 1,2-Dichloropropane	7.37	63	10439	0.837 ug/L #	87
49) Tetrachloroethene	9.32	164	30166	2.834 ug/L	91
51) Dibromochloromethane	9.32	129	30098	2.571 ug/L #	10

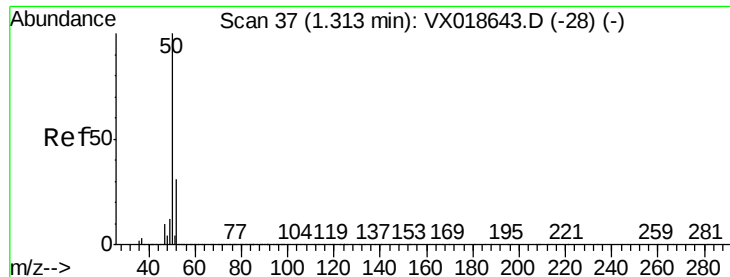
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018661.D

Acq: 29 Sep 2020 16:39

Instrument :

MSVOA_X

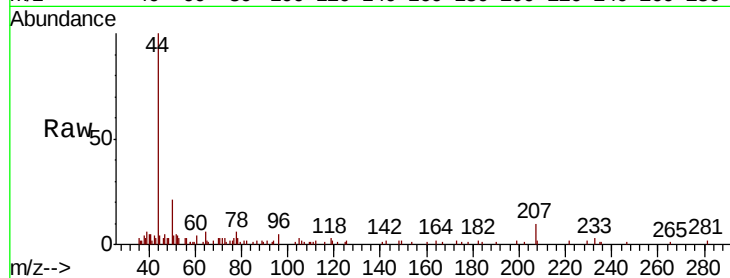
ClientSampleId :

Tot Ion: 50 Resp: 1272

Ion Ratio Lower Upper

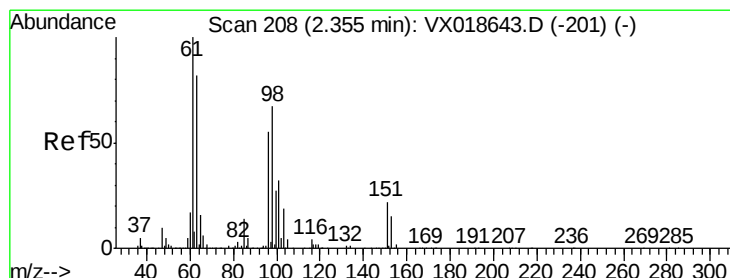
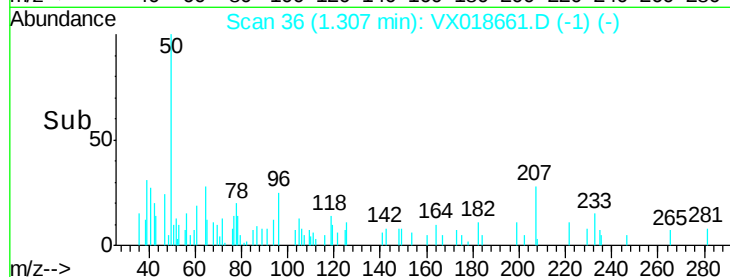
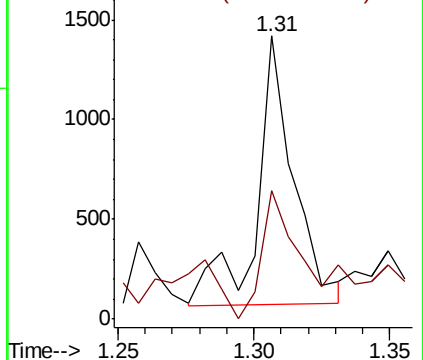
50 100

52 45.3 21.2 39.4#



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#12

1,1-Dichloroethene

Concen: 0.126 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.01 min

Lab File: VX018661.D

Acq: 29 Sep 2020 16:39

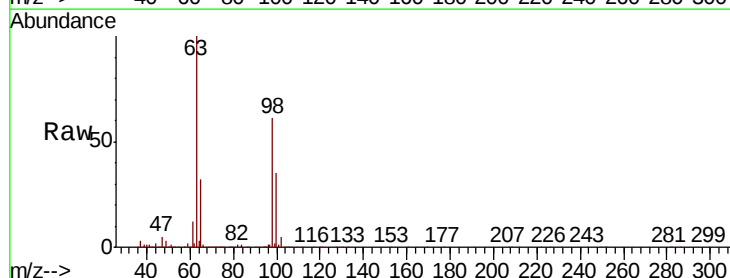
Tgt Ion: 96 Resp: 1548

Ion Ratio Lower Upper

96 100

61 1028.1 123.8 229.8#

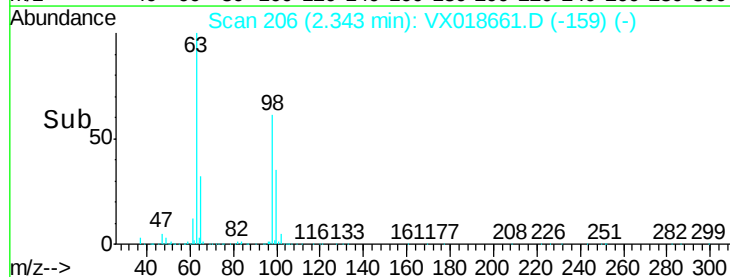
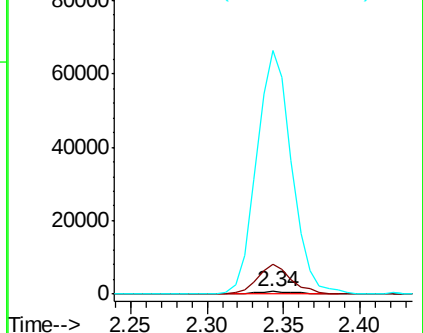
63 8520.3 104.7 194.4#

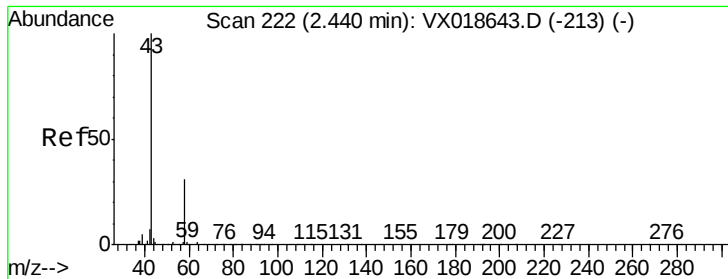


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 1.153 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX018661.D

Acq: 29 Sep 2020 16:39

Instrument :

MSVOA_X

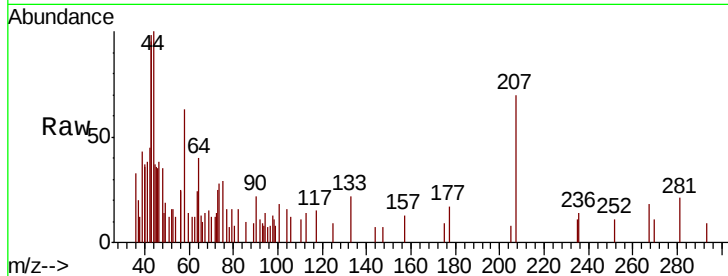
ClientSampled :

Tot Ion: 43 Resp: 2152

Ion Ratio Lower Upper

43 100

58 55.9 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

2.46

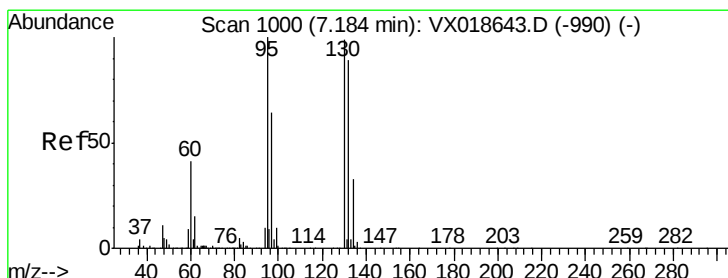
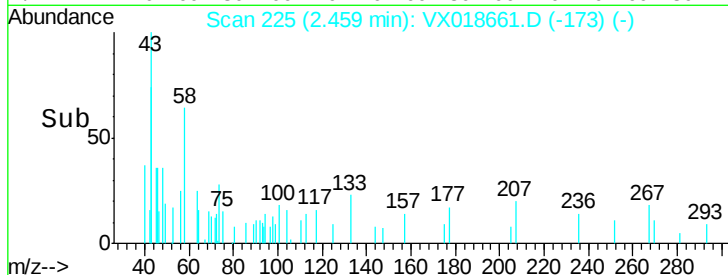
1500

1000

500

0

Time--> 2.40 2.42 2.44 2.46 2.48



#34

Trichloroethene

Concen: 1.393 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX018661.D

Acq: 29 Sep 2020 16:39

Tgt Ion: 95 Resp: 18830

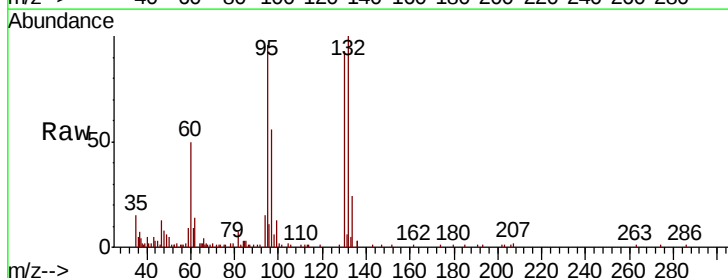
Ion Ratio Lower Upper

95 100

97 58.8 40.6 75.4

132 104.4 64.3 119.5

130 97.3 70.6 131.0



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

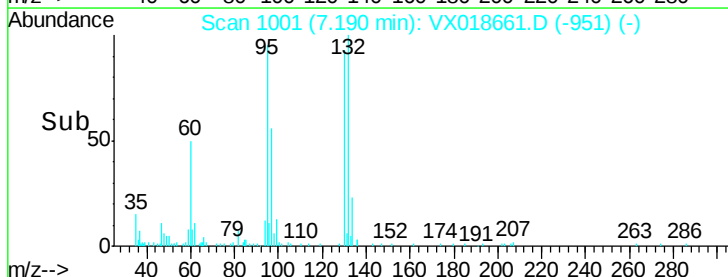
Ion 129.95 (129.65 to 130.65): V

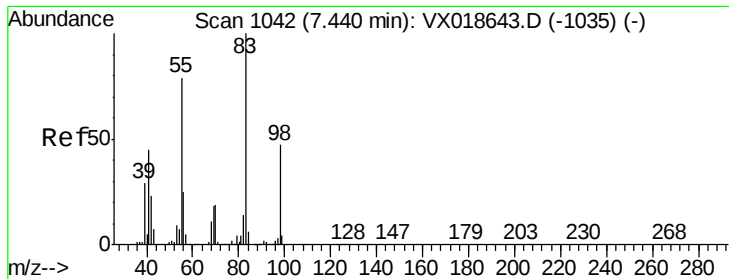
10000

5000

0

Time--> 7.10 7.15 7.20 7.25

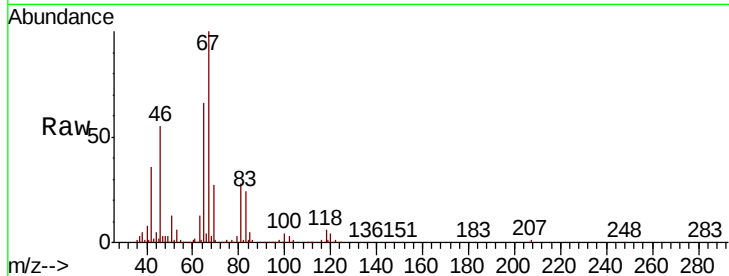




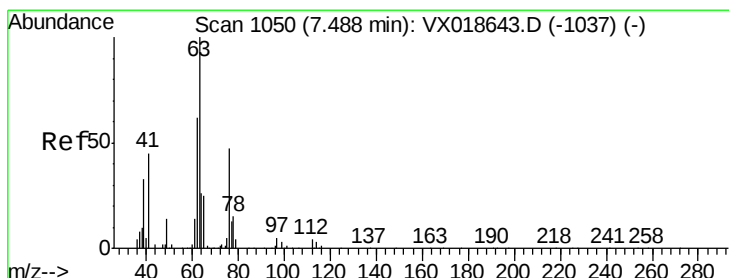
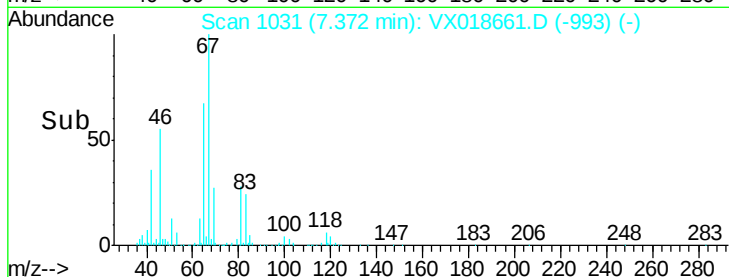
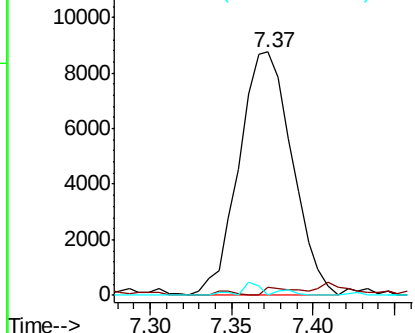
#35
Methvlcvclohexane
Concen: 1.050 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018661.D
Acq: 29 Sep 2020 16:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	2.0	67.4	101.0#
98	2.1	41.1	61.7#

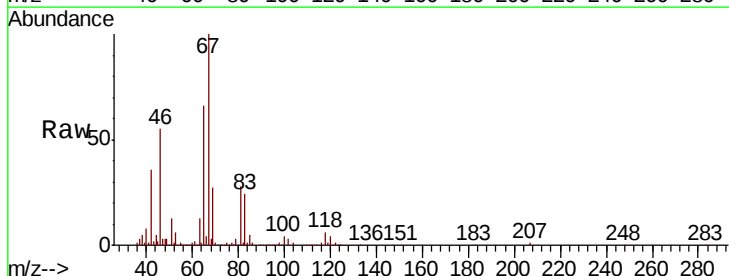


Abundance Ion 83.15 (82.85 to 83.85): VX0
Ion 55.10 (54.80 to 55.80): VX0
Ion 98.15 (97.85 to 98.85): VX0

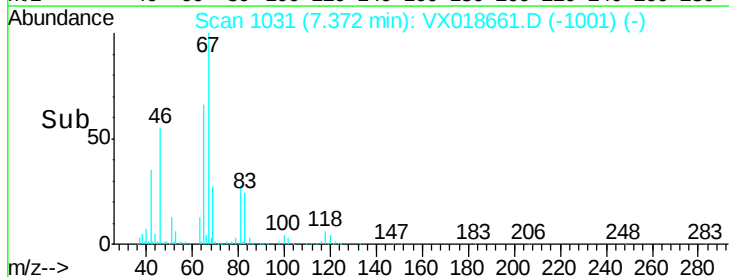
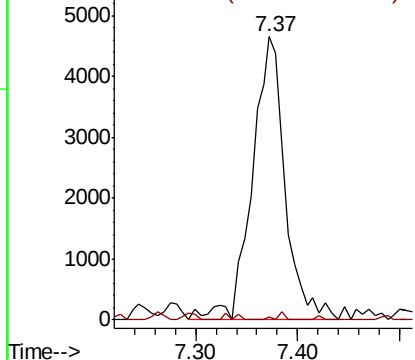


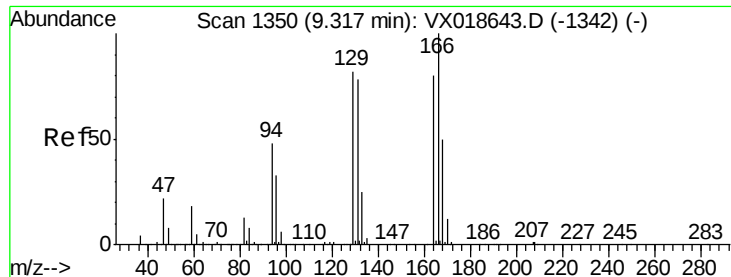
#37
1,2-Dichloropropane
Concen: 0.837 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018661.D
Acq: 29 Sep 2020 16:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.1	6.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0
Ion 112.10 (111.80 to 112.80): V





#49

Tetrachloroethene

Concen: 2.834 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018661.D

Acq: 29 Sep 2020 16:39

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 30166

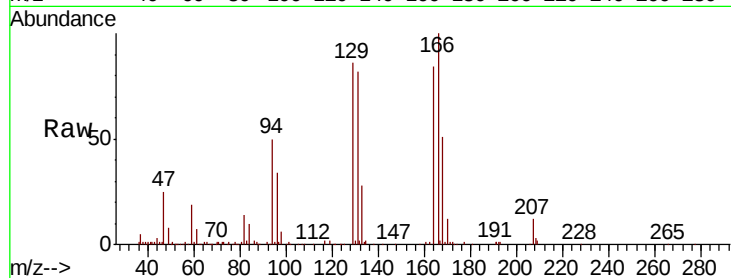
Ion Ratio Lower Upper

164 100

129 101.8 65.9 122.3

131 96.9 61.4 114.0

166 118.4 91.0 169.0

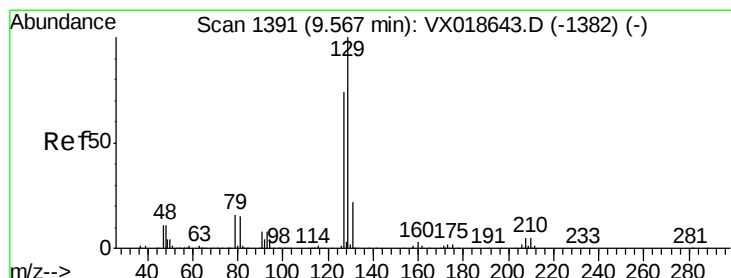
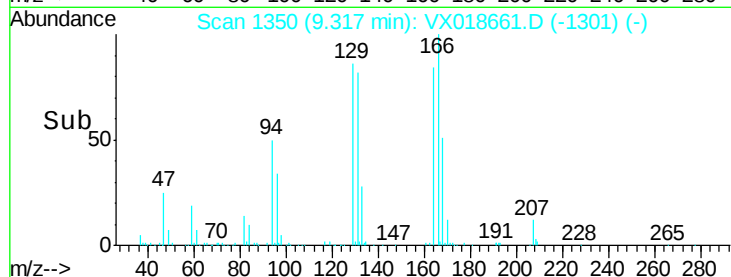
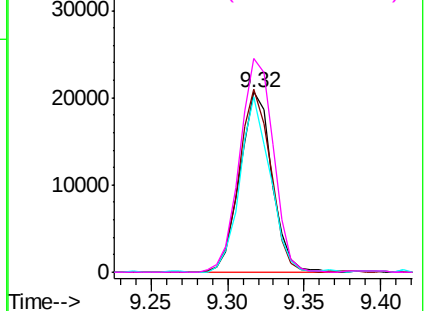


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 2.571 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX018661.D

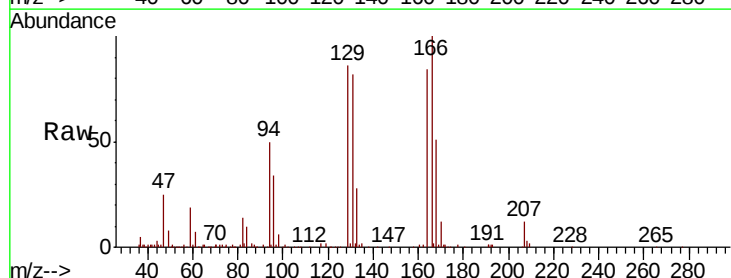
Acq: 29 Sep 2020 16:39

Tgt Ion:129 Resp: 30098

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

