

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018658.D
 Acq On : 29 Sep 2020 15:26
 Operator : JC/SP
 Sample : L4143-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:56:59 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	249188	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	238361	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	107283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55452	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.70	69	50106	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	100204	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.55	46	162483	48.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	5.14	84	139427	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	6.03	65	78859	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	6.05	84	256048	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	7.37	67	78244	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	8.70	98	231308	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	8.99	79	29118	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	9.43	63	123836	46.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59225	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	85228	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

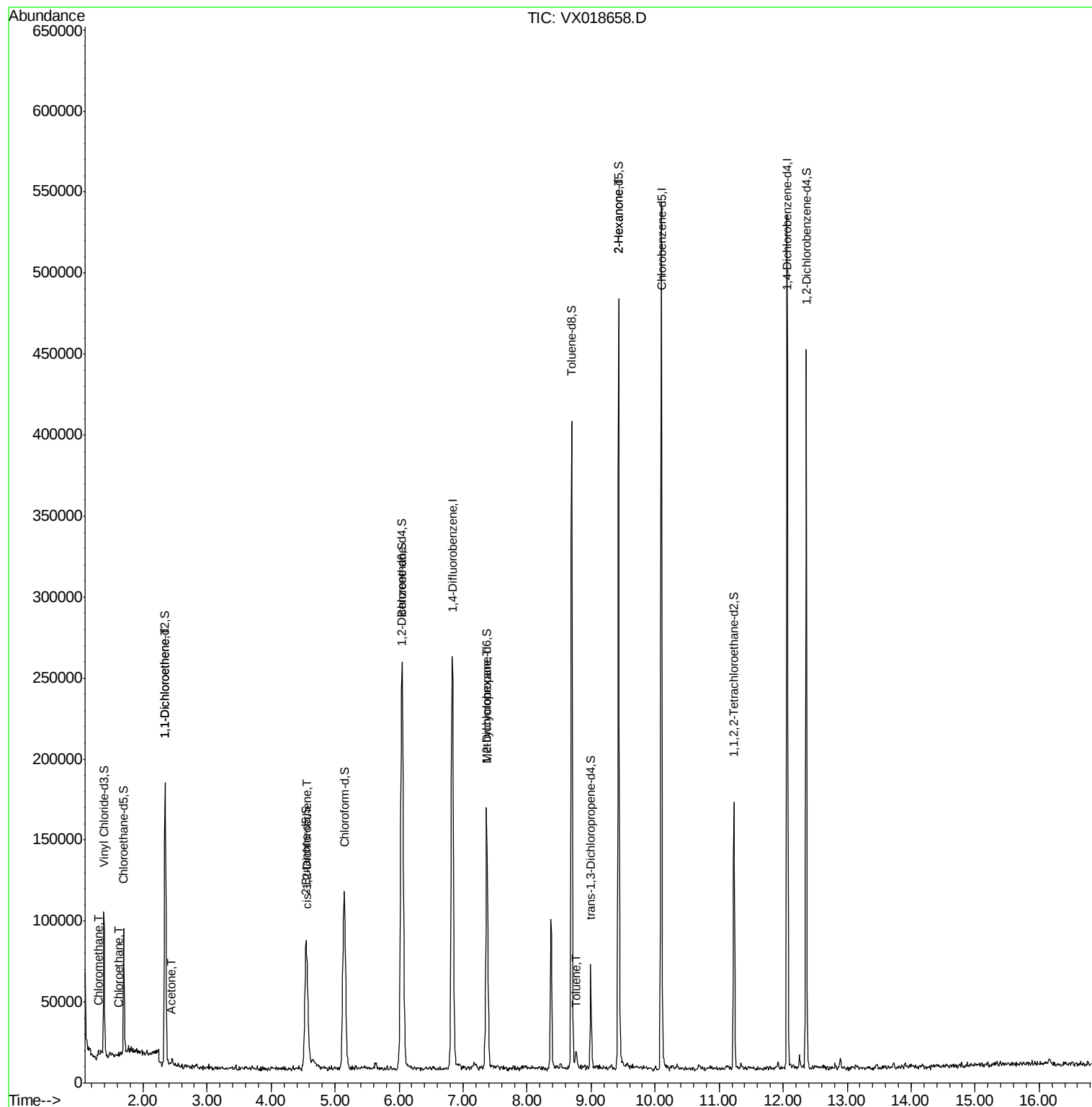
					Ovalue
3) Chloromethane	1.31	50	1695	0.132 ug/L	89
8) Chloroethane	1.63	64	825	0.111 ug/L	100
12) 1,1-Dichloroethene	2.35	96	1417	0.116 ug/L #	1
13) Acetone	2.45	43	6698	3.639 ug/L	84
22) cis-1,2-Dichloroethene	4.56	96	550	0.043 ug/L #	55
35) Methylcyclohexane	7.37	83	19748	1.068 ug/L #	16
42) Toluene	8.77	91	6233	0.126 ug/L	95
50) 2-Hexanone	9.43	43	18698	3.887 ug/L #	71

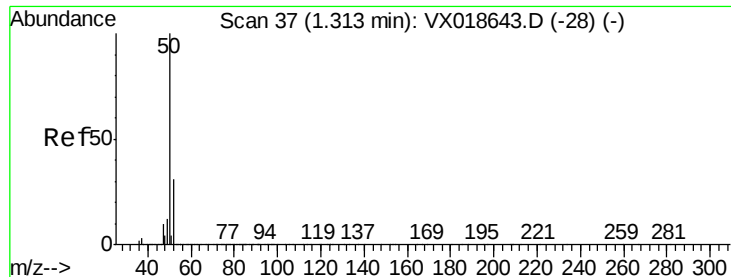
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.132 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018658.D

Acq: 29 Sep 2020 15:26

Instrument :

MSVOA_X

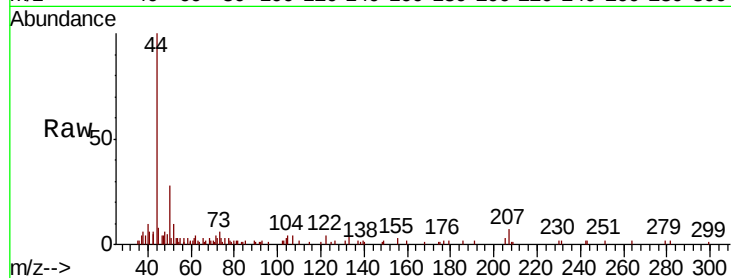
ClientSampleId :

Tot Ion: 50 Resp: 1695

Ion Ratio Lower Upper

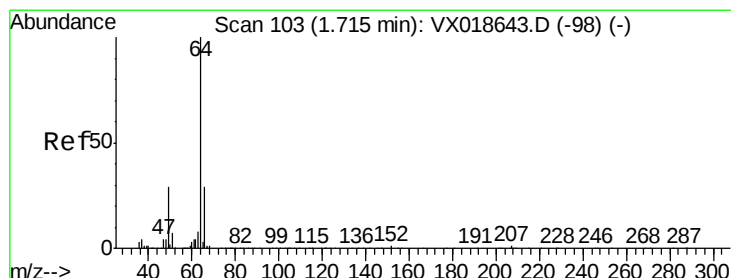
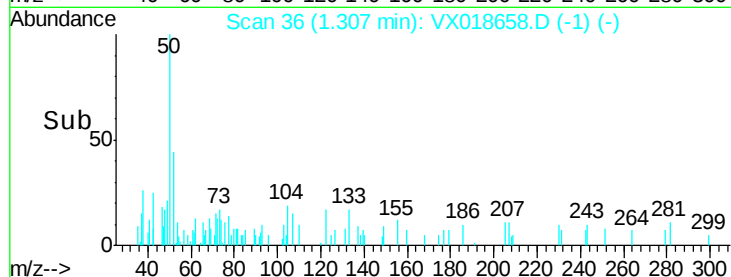
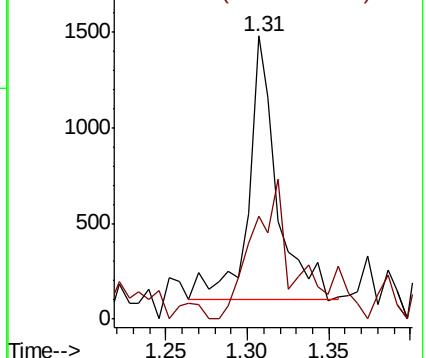
50 100

52 36.4 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#8

Chloroethane

Concen: 0.111 ug/L

RT: 1.63 min Scan# 89

Delta R.T. -0.09 min

Lab File: VX018658.D

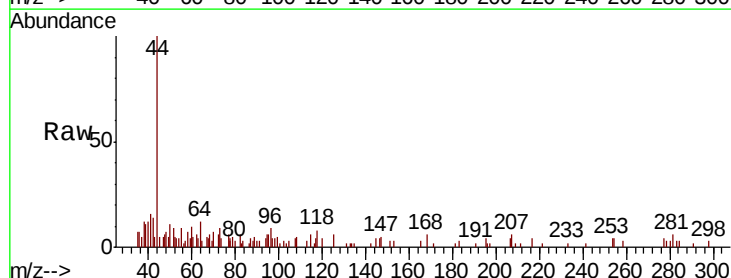
Acq: 29 Sep 2020 15:26

Tgt Ion: 64 Resp: 825

Ion Ratio Lower Upper

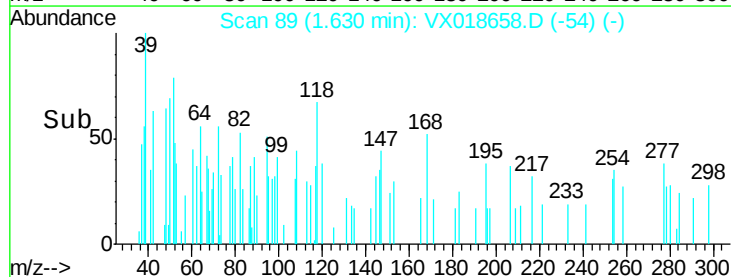
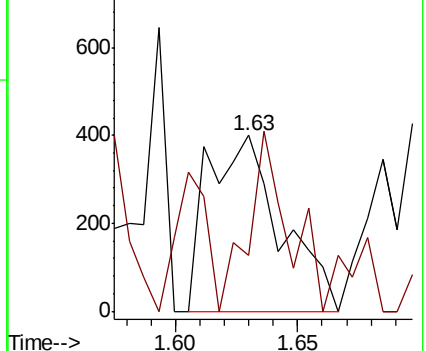
64 100

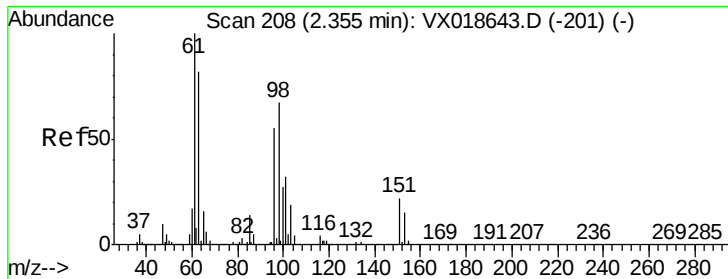
66 31.8 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0





#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018658.D

Acq: 29 Sep 2020 15:26

Instrument :

MSVOA_X

ClientSampleId :

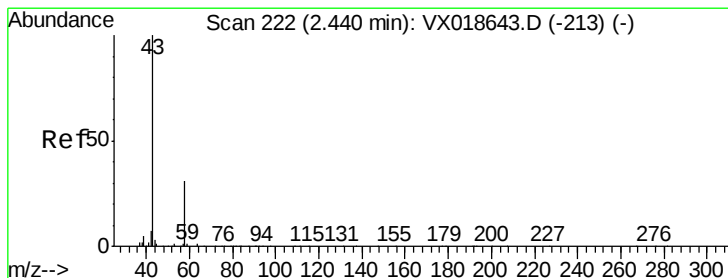
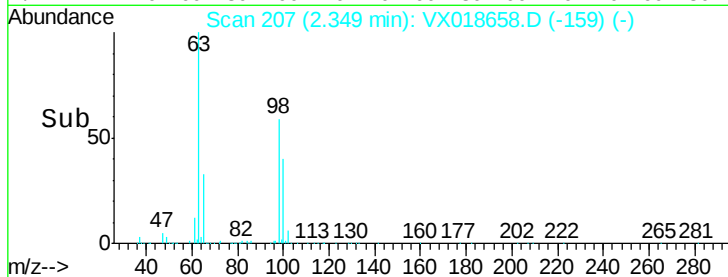
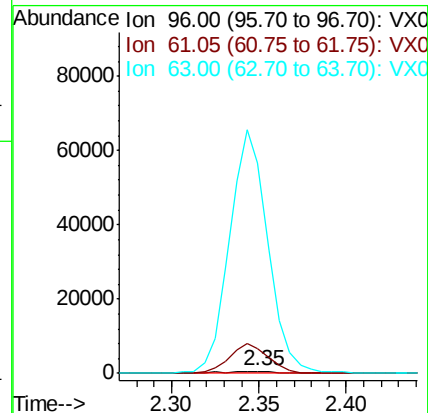
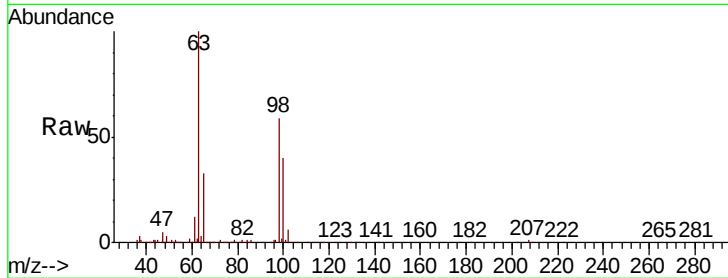
Tot Ion: 96 Resp: 1417

Ion Ratio Lower Upper

96 100

61 590.9 123.8 229.8#

63 4926.1 104.7 194.4#



#13

Acetone

Concen: 3.639 ug/L

RT: 2.45 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX018658.D

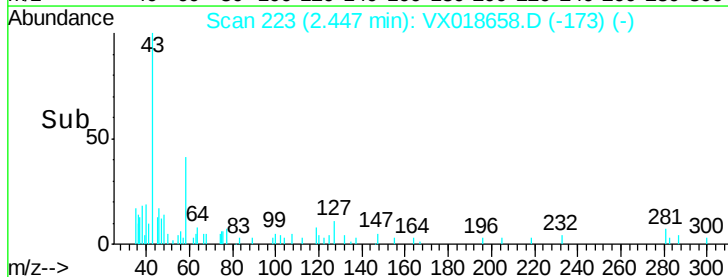
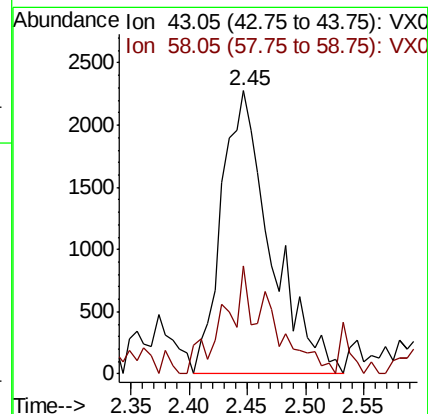
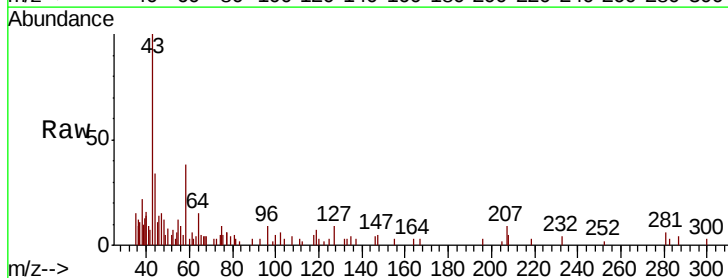
Acq: 29 Sep 2020 15:26

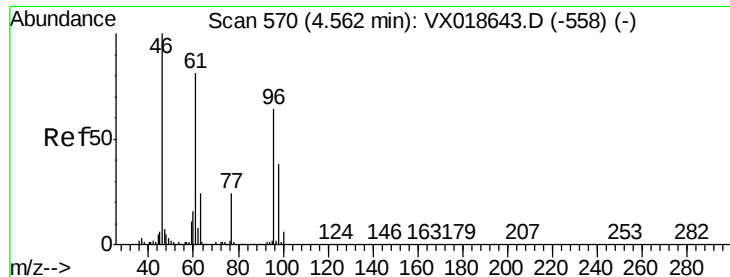
Tgt Ion: 43 Resp: 6698

Ion Ratio Lower Upper

43 100

58 21.9 0.0 61.6



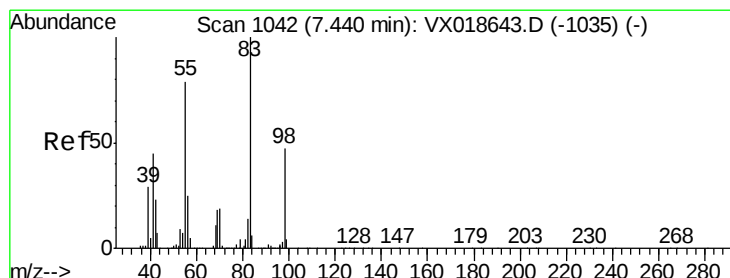
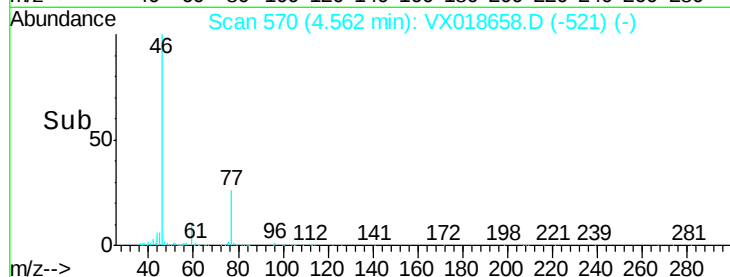
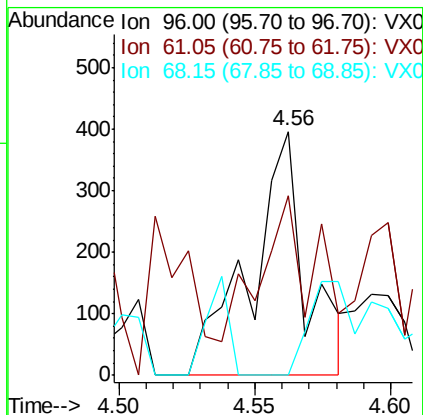
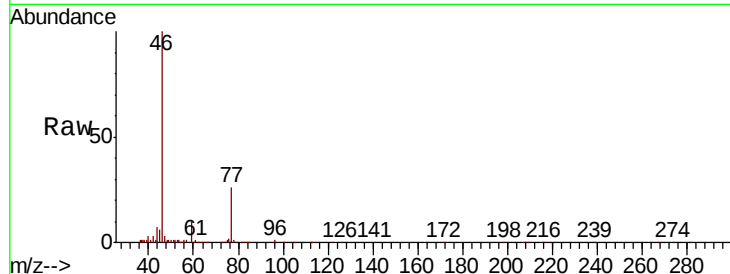


#22

cis-1,2-Dichloroethene
Concen: 0.043 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX018658.D
Acq: 29 Sep 2020 15:26

Instrument :
MSVOA_X
ClientSampled :

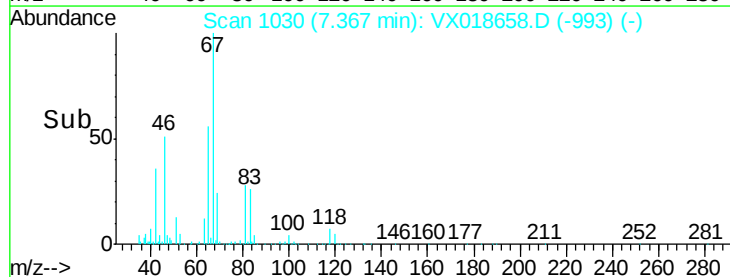
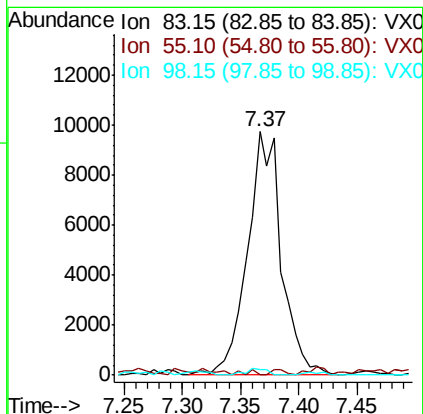
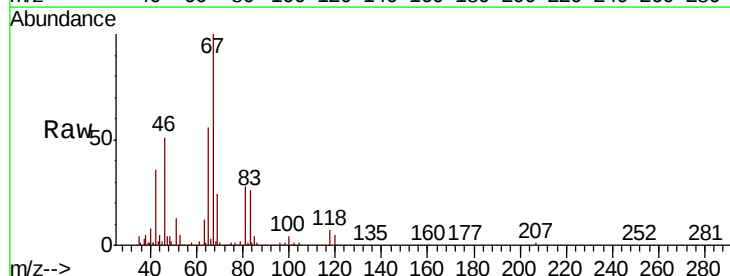
Tot Ion: 96 Resp: 550
Ion Ratio Lower Upper
96 100
61 73.5 87.7 162.9#
68 0.0 0.3 0.7#

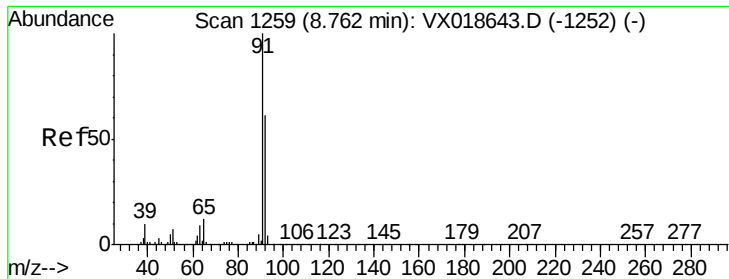


#35

Methylcyclohexane
Concen: 1.068 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018658.D
Acq: 29 Sep 2020 15:26

Tgt Ion: 83 Resp: 19748
Ion Ratio Lower Upper
83 100
55 0.8 67.4 101.0#
98 1.7 41.1 61.7#





#42

Toluene

Concen: 0.126 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018658.D

Acq: 29 Sep 2020 15:26

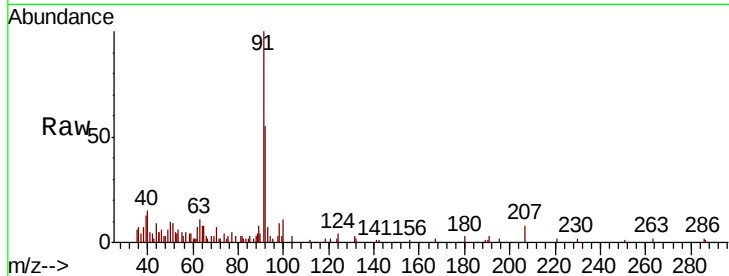
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 6233

Ion Ratio Lower Upper

91 100

92 54.9 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

4000

3000

2000

1000

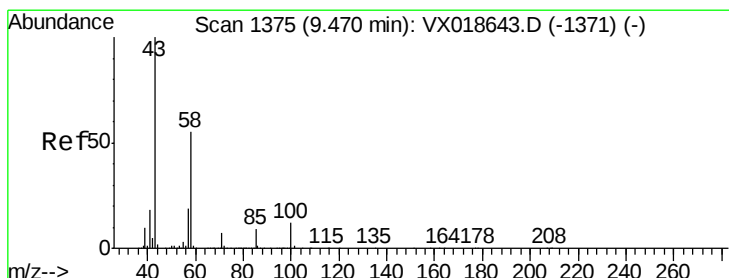
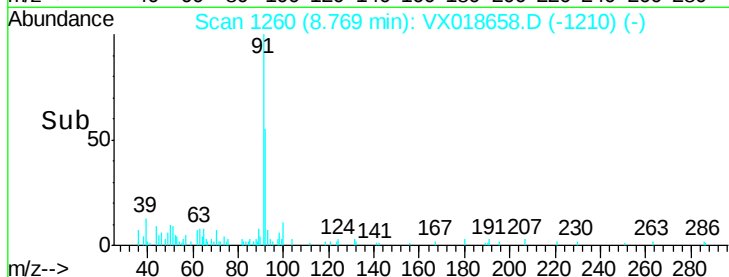
0

8.70

8.75

8.80

Time-->



#50

2-Hexanone

Concen: 3.887 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX018658.D

Acq: 29 Sep 2020 15:26

Tgt Ion: 43 Resp: 18698

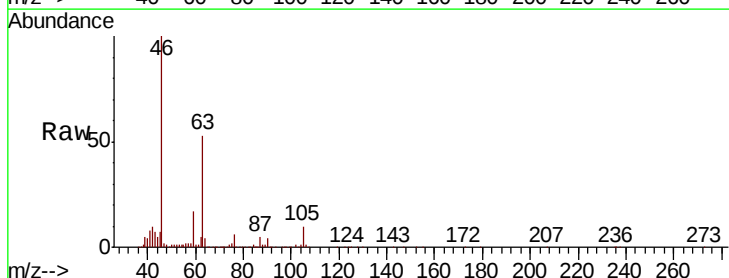
Ion Ratio Lower Upper

43 100

58 29.6 42.5 63.7#

57 29.7 15.9 23.9#

100 2.9 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

20000

15000

10000

5000

0

9.35

9.40

9.45

9.50

Time-->

