

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018667.D
 Acq On : 29 Sep 2020 19:04
 Operator : JC/SP
 Sample : L4143-13
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:58:35 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	235520	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	228072	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	99812	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48167	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.70	69	44201	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.34	63	91671	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.56	46	164208	52.25	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.50%
24) Chloroform-d	5.14	84	129668	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	6.03	65	73727	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	6.05	84	234583	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	7.37	67	73351	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	8.70	98	206302	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
45) trans-1,3-Dichloropropene-	8.99	79	30331	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
48) 2-Hexanone-d5	9.43	63	119691	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	55190	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	79610	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

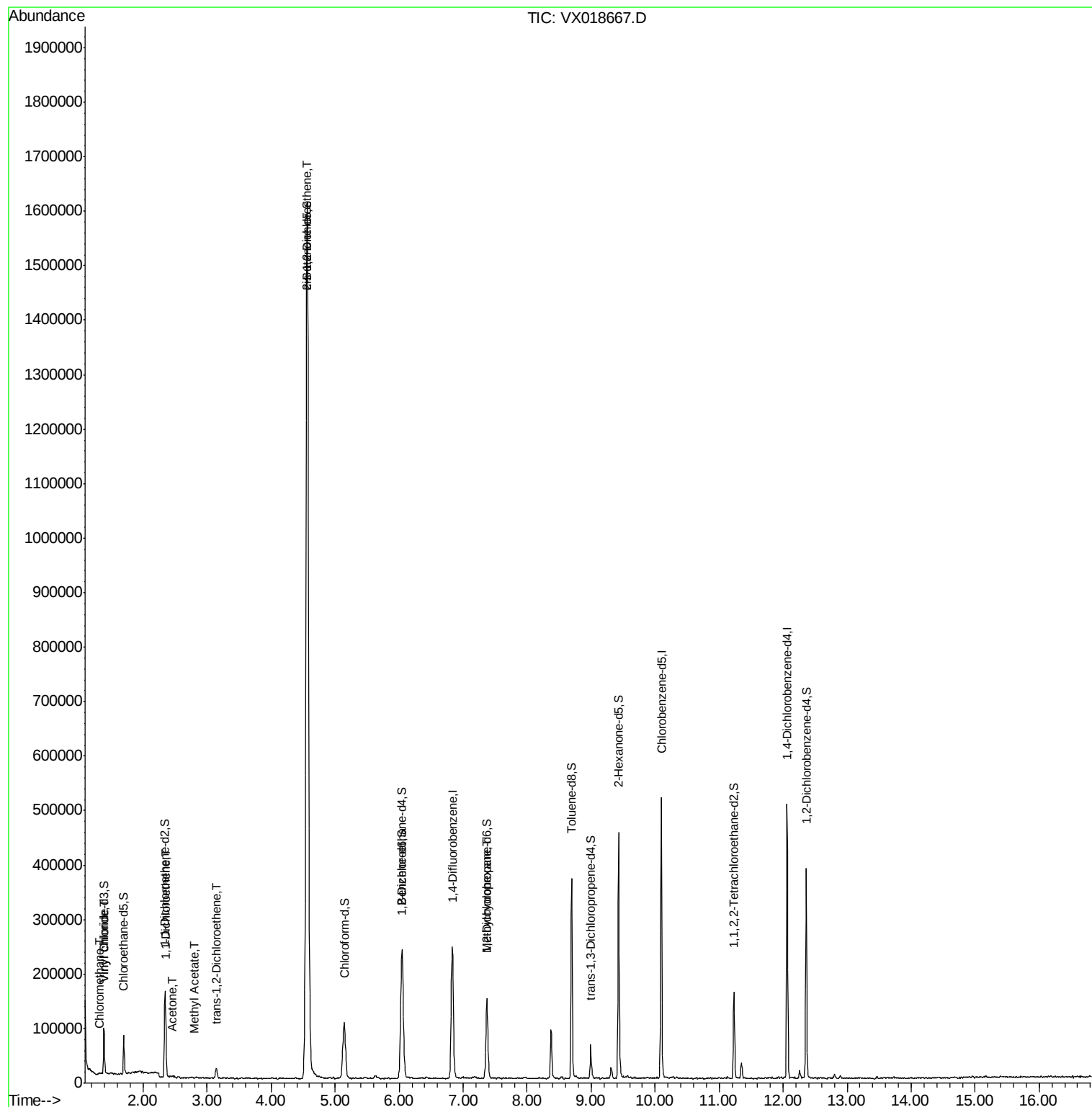
					Ovalue
3) Chloromethane	1.31	50	2321	0.191 ug/L	99
5) Vinyl chloride	1.39	62	5756	0.451 ug/L #	71
12) 1,1-Dichloroethene	2.36	96	2066	0.180 ug/L #	1
13) Acetone	2.45	43	6654	3.825 ug/L	97
15) Methyl Acetate	2.79	43	426	0.088 ug/L #	36
18) trans-1,2-Dichloroethene	3.14	96	6871	0.598 ug/L	79
22) cis-1,2-Dichloroethene	4.56	96	956580	79.766 ug/L #	94
35) Methylcyclohexane	7.37	83	18918	1.069 ug/L #	16

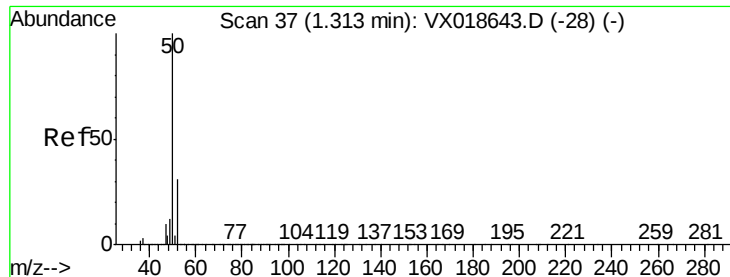
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018667.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_X

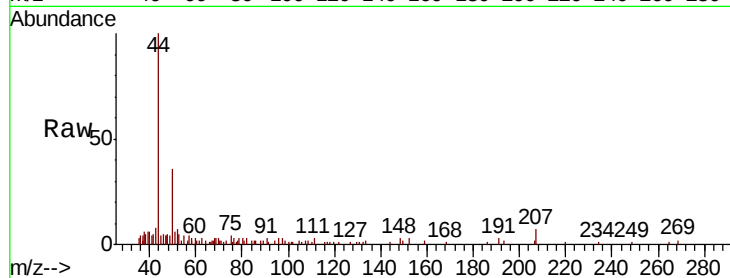
ClientSampleId :

Tot Ion: 50 Resp: 2321

Ion Ratio Lower Upper

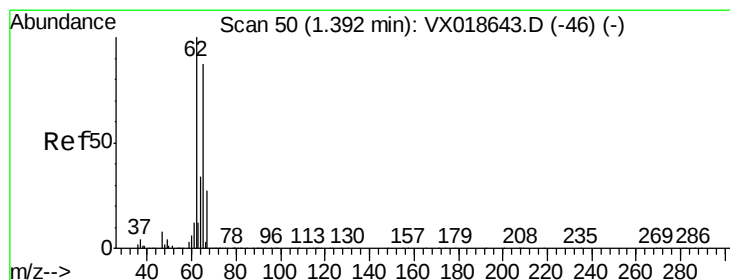
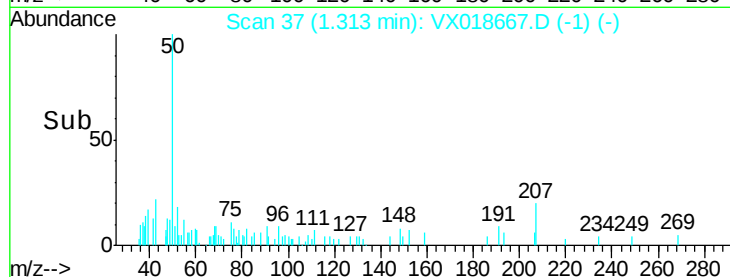
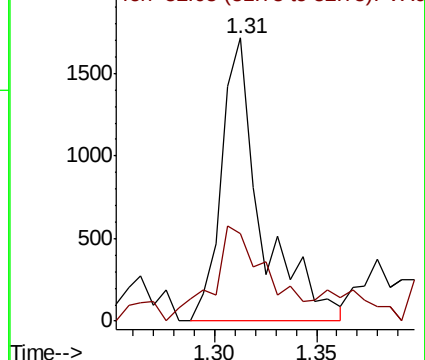
50 100

52 30.8 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: 0.451 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018667.D

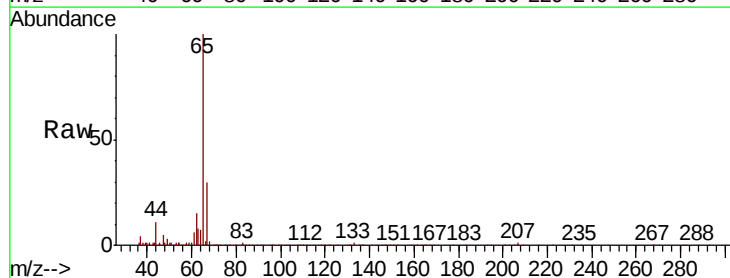
Acq: 29 Sep 2020 19:04

Tgt Ion: 62 Resp: 5756

Ion Ratio Lower Upper

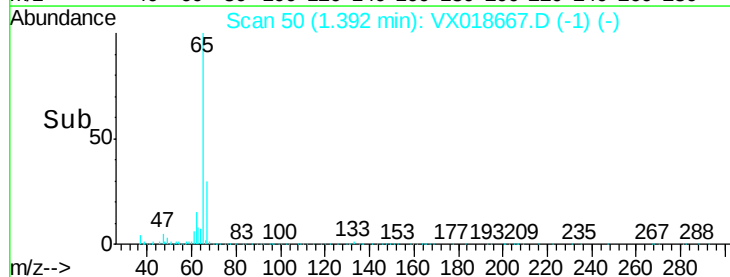
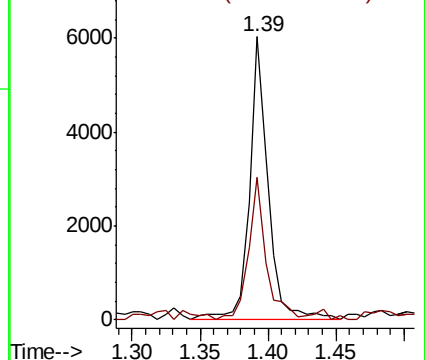
62 100

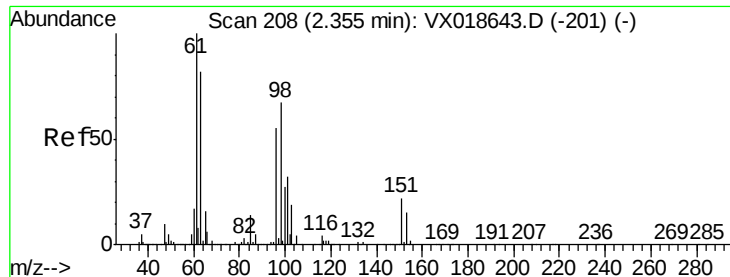
64 50.4 23.6 43.8#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0





#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018667.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

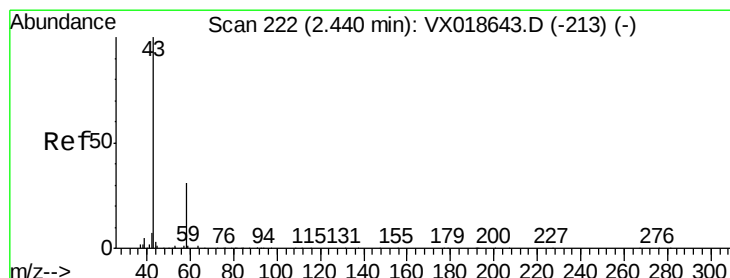
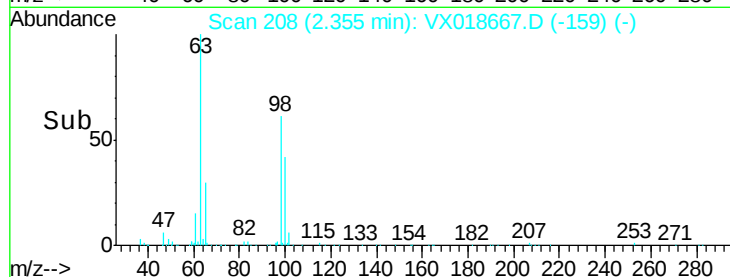
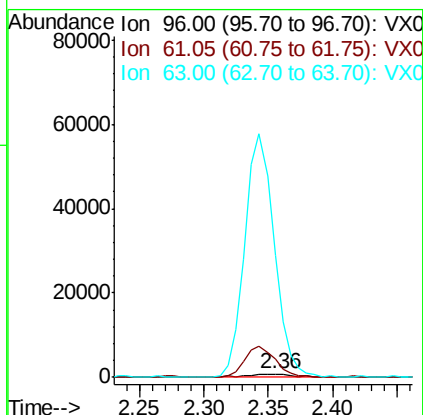
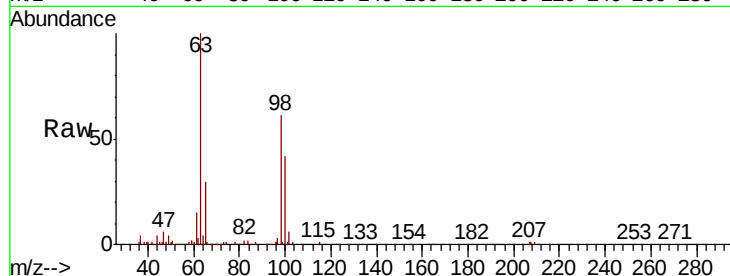
Tot Ion: 96 Resp: 2066

Ion Ratio Lower Upper

96 100

61 265.0 123.8 229.8#

63 1780.2 104.7 194.4#



#13

Acetone

Concen: 3.825 ug/L

RT: 2.45 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX018667.D

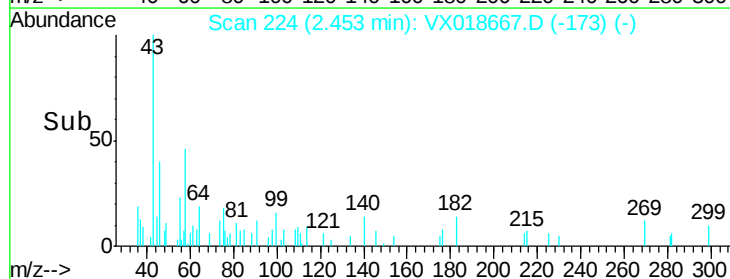
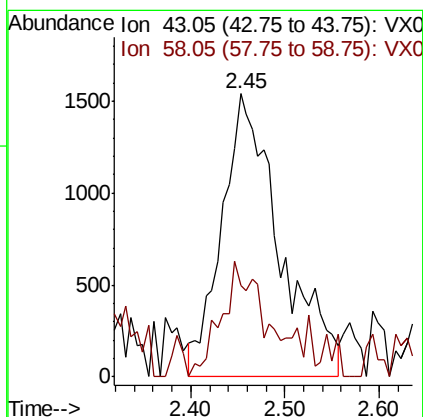
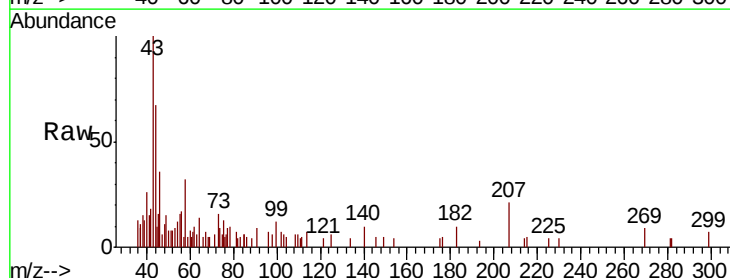
Acq: 29 Sep 2020 19:04

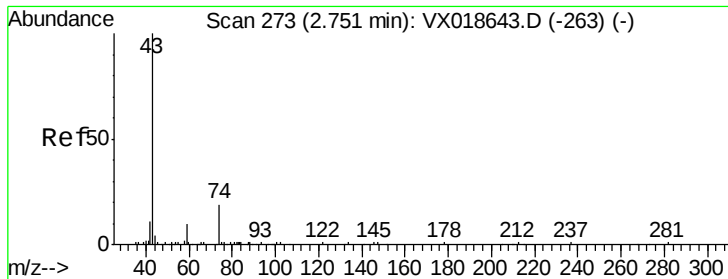
Tgt Ion: 43 Resp: 6654

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.6





#15

Methyl Acetate

Concen: 0.088 ug/L

RT: 2.79 min Scan# 280

Delta R.T. 0.04 min

Lab File: VX018667.D

Acq: 29 Sep 2020 19:04

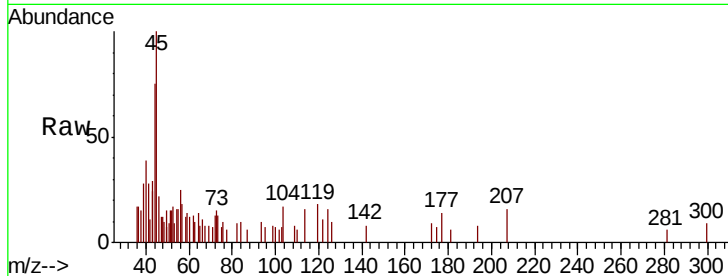
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 426

Ion Ratio Lower Upper

43 100

74 59.4 21.2 31.8#



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0

2.79

400

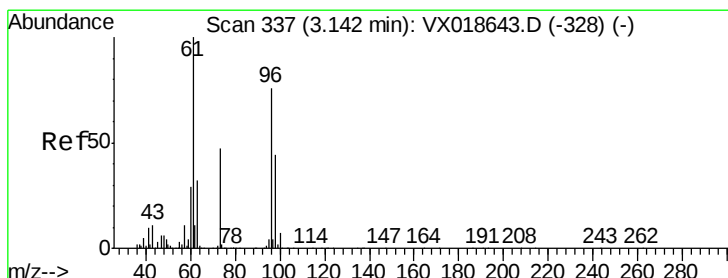
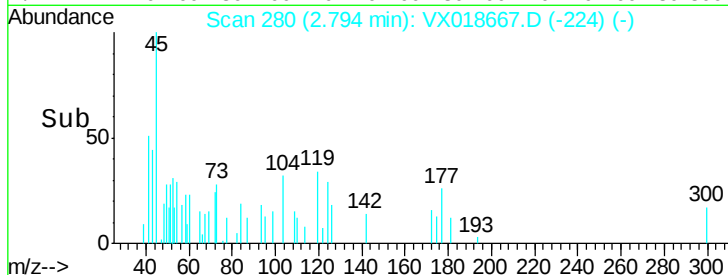
300

200

100

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.598 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018667.D

Acq: 29 Sep 2020 19:04

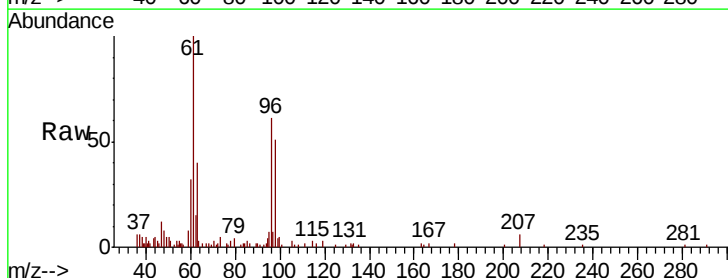
Tgt Ion: 96 Resp: 6871

Ion Ratio Lower Upper

96 100

61 164.9 97.3 180.7

98 83.5 46.6 86.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0

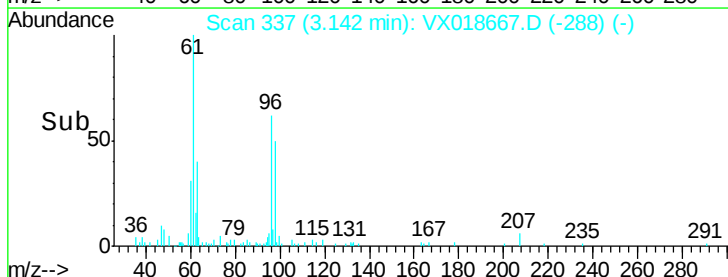
6000

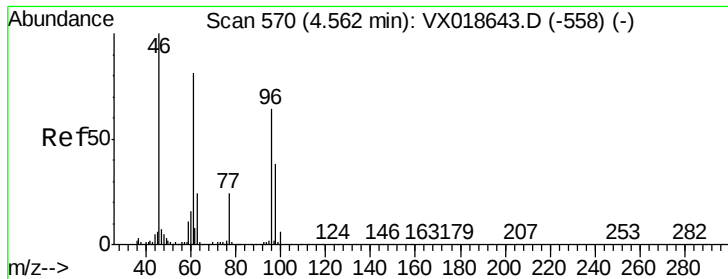
4000

2000

0

Time-->



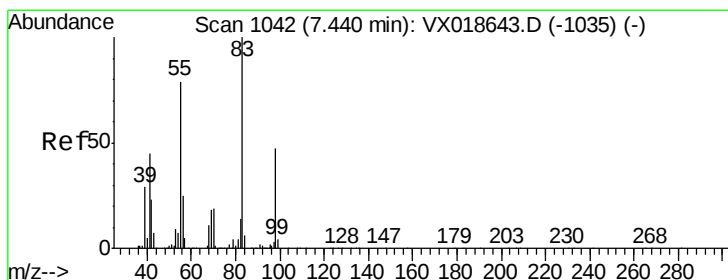
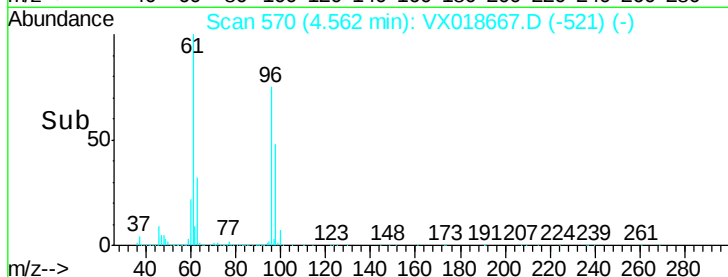
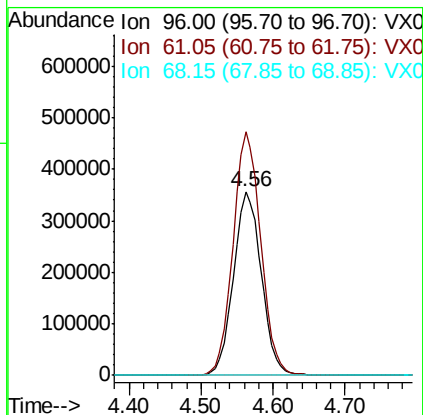
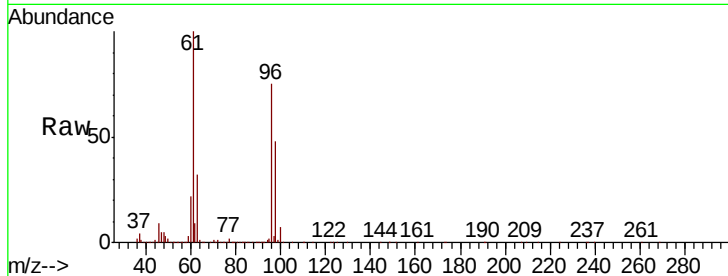


#22

cis-1,2-Dichloroethene
 Concen: 79.766 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018667.D
 Acq: 29 Sep 2020 19:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	87.7	162.9
68	0.0	0.3	0.7#



#35

Methylcyclohexane
 Concen: 1.069 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.07 min
 Lab File: VX018667.D
 Acq: 29 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.4	101.0#
98	1.5	41.1	61.7#

