

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018651.D
 Acq On : 29 Sep 2020 12:37
 Operator : JC/SP
 Sample : L4135-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:55:55 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	266886	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	250127	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62430	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.70	69	54474	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.34	63	110975	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.55	46	190388	53.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	5.14	84	154486	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	6.03	65	87745	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.05	84	289217	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	7.37	67	91513	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	8.70	98	266315	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	8.99	79	36998	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	153092	54.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.28%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	67675	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	100948	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

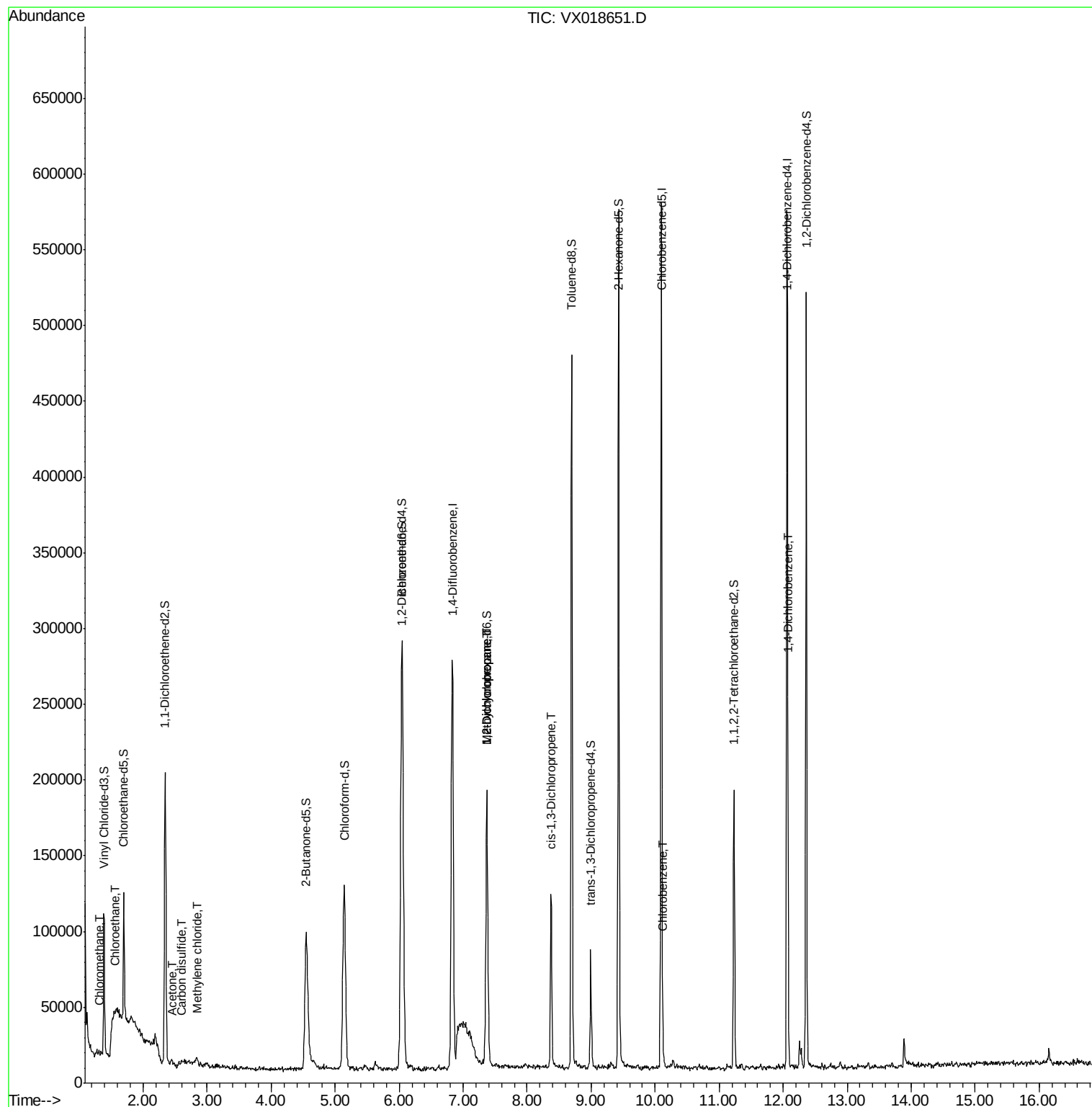
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	1470	0.107	ug/L #	24
8) Chloroethane	1.56	64	70218	8.836	ug/L #	52
13) Acetone	2.46	43	4969	2.521	ug/L	81
14) Carbon disulfide	2.61	76	3743	0.094	ug/L	97
16) Methylene chloride	2.84	84	2228	0.125	ug/L	82
35) Methylcyclohexane	7.37	83	22411	1.155	ug/L #	18
37) 1,2-Dichloropropane	7.37	63	10738	0.834	ug/L #	87
39) cis-1,3-Dichloropropene	8.37	75	3390	0.186	ug/L #	59
53) Chlorobenzene	10.12	112	3076	0.089	ug/L	93
64) 1,4-Dichlorobenzene	12.08	146	2037	0.078	ug/L #	71

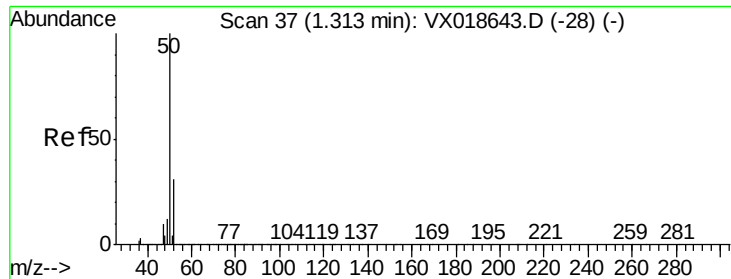
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.107 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018651.D

Acq: 29 Sep 2020 12:37

Instrument :

MSVOA_X

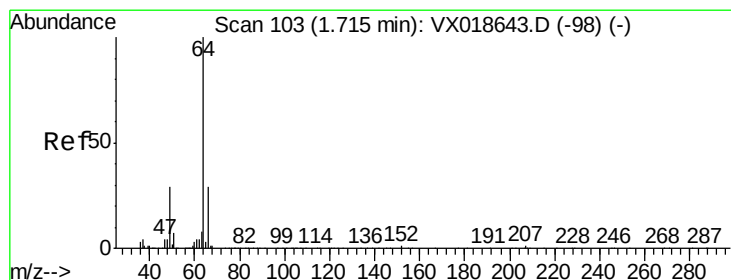
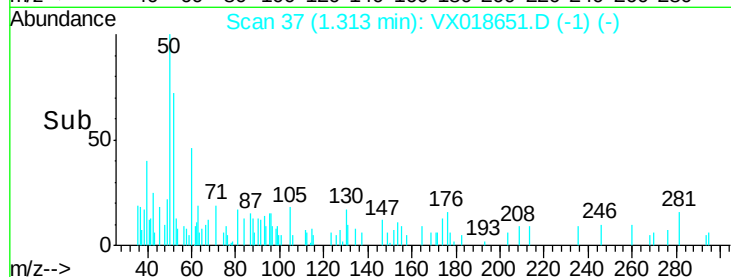
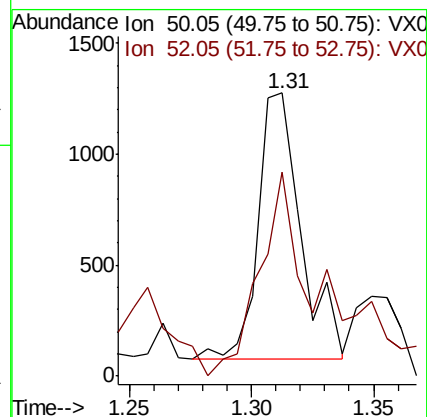
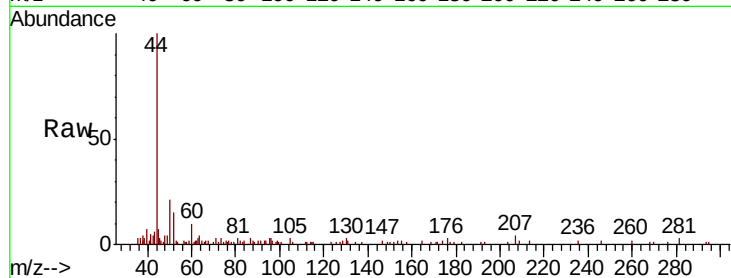
ClientSampled :

Tot Ion: 50 Resp: 1470

Ion Ratio Lower Upper

50 100

52 71.9 21.2 39.4#



#8

Chloroethane

Concen: 8.836 ug/L

RT: 1.56 min Scan# 78

Delta R.T. -0.15 min

Lab File: VX018651.D

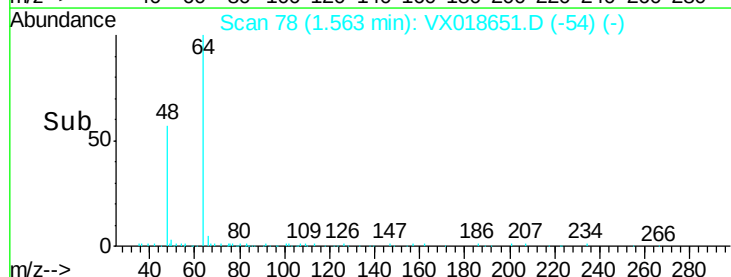
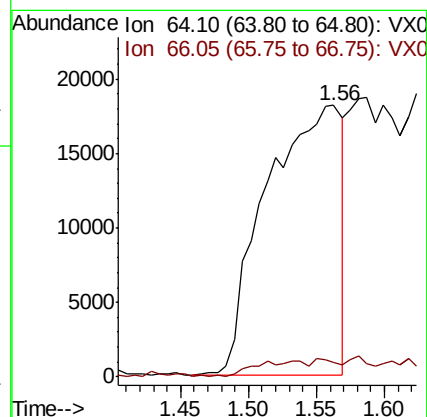
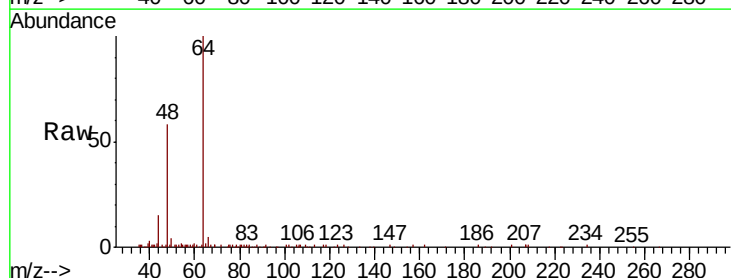
Acq: 29 Sep 2020 12:37

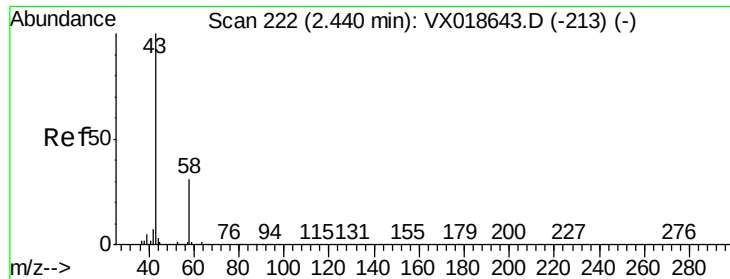
Tgt Ion: 64 Resp: 70218

Ion Ratio Lower Upper

64 100

66 5.2 22.3 41.3#





#13

Acetone

Concen: 2.521 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX018651.D

Acq: 29 Sep 2020 12:37

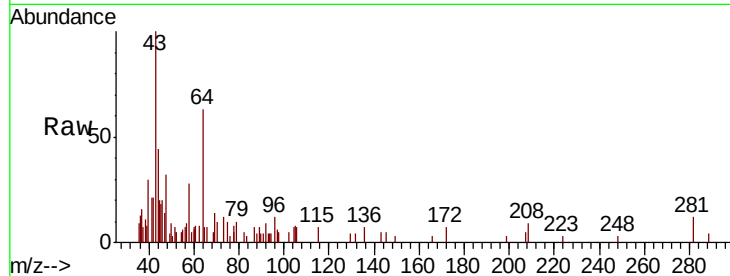
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 4969

Ion Ratio Lower Upper

43 100

58 20.6 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

2000

1500

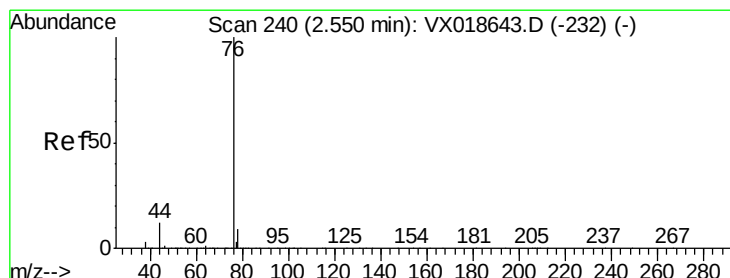
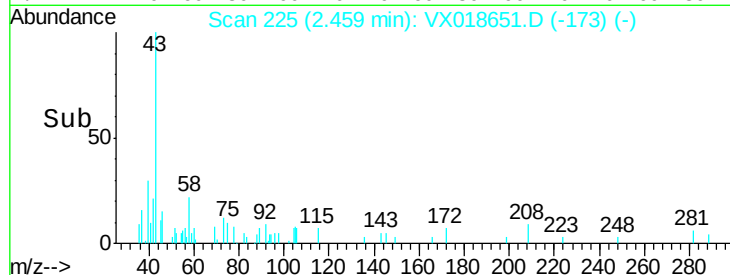
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#14

Carbon disulfide

Concen: 0.094 ug/L

RT: 2.61 min Scan# 249

Delta R.T. 0.05 min

Lab File: VX018651.D

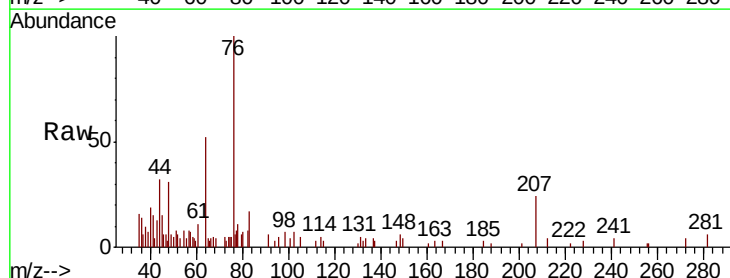
Acq: 29 Sep 2020 12:37

Tgt Ion: 76 Resp: 3743

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

3000

2500

2000

1500

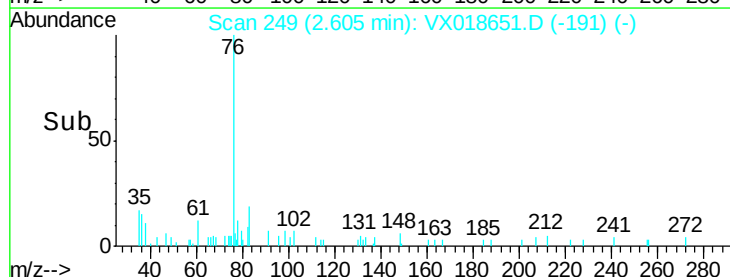
1000

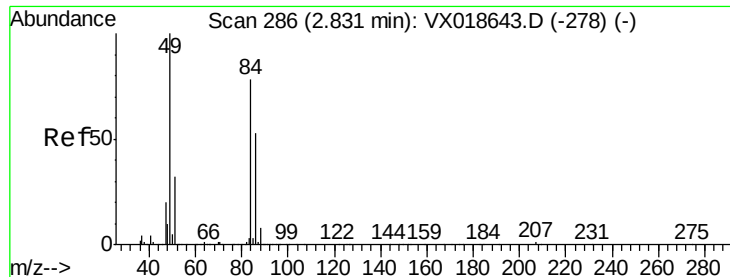
500

0

Time-->

2.55 2.60

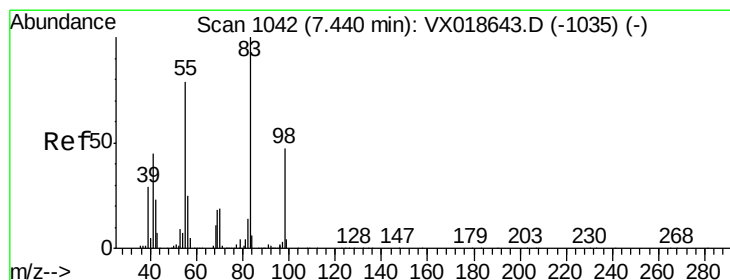
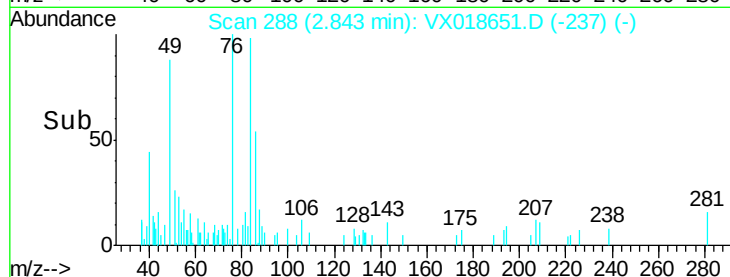
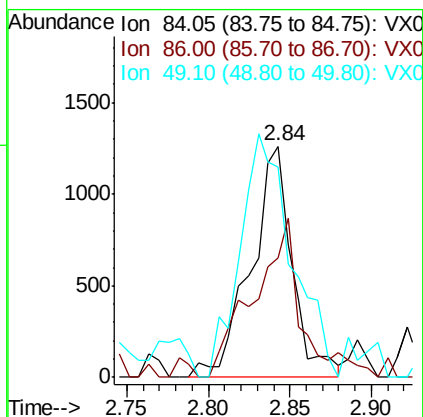
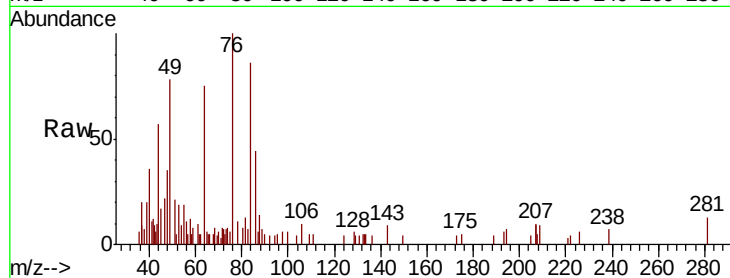




#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018651.D
Acq: 29 Sep 2020 12:37

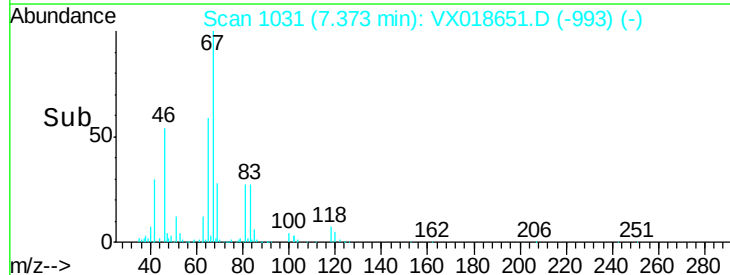
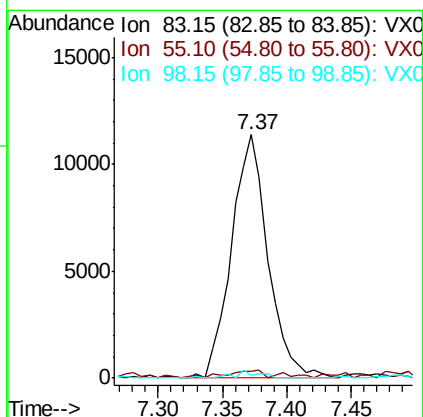
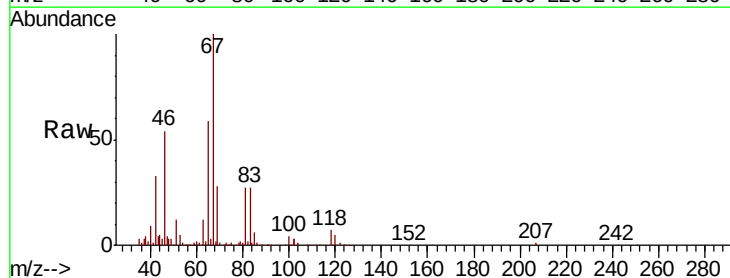
Instrument :
MSVOA_X
ClientSampleId :

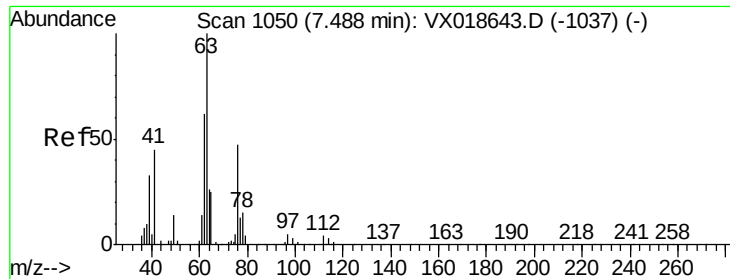
Tot Ion: 84 Resp: 2228
Ion Ratio Lower Upper
84 100
86 51.6 41.9 77.7
49 91.1 80.8 150.2



#35
Methylcyclohexane
Concen: 1.155 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018651.D
Acq: 29 Sep 2020 12:37

Tgt Ion: 83 Resp: 22411
Ion Ratio Lower Upper
83 100
55 2.8 67.4 101.0#
98 2.0 41.1 61.7#

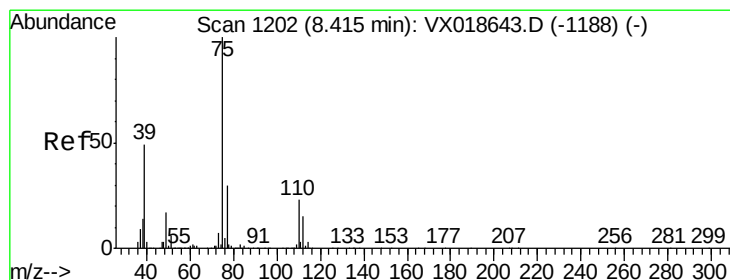
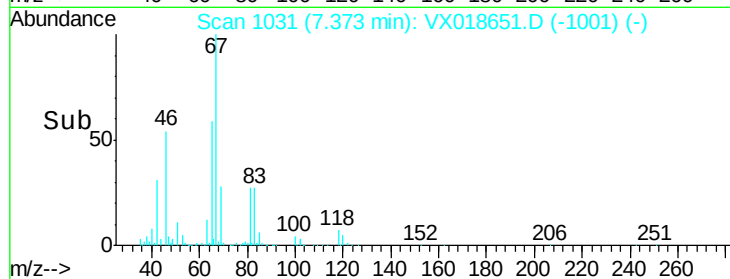
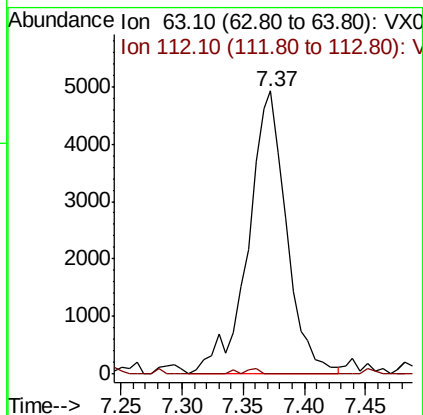
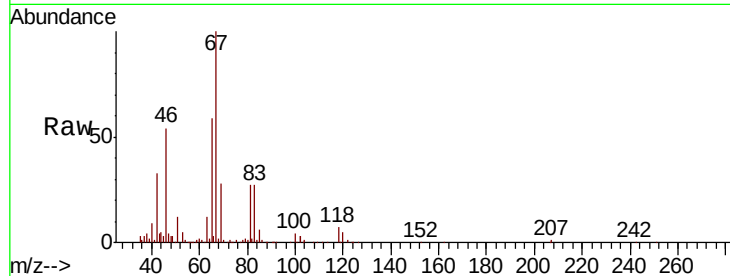




#37
 1,2-Dichloropropane
 Concen: 0.834 ug/L
 RT: 7.37 min Scan# 1031
 Delta R.T. -0.12 min
 Lab File: VX018651.D
 Acq: 29 Sep 2020 12:37

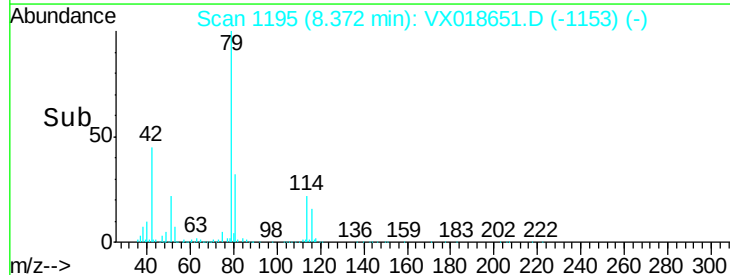
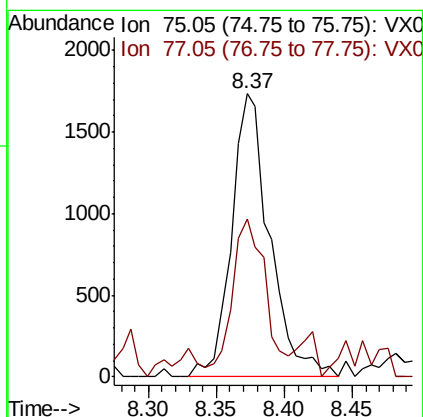
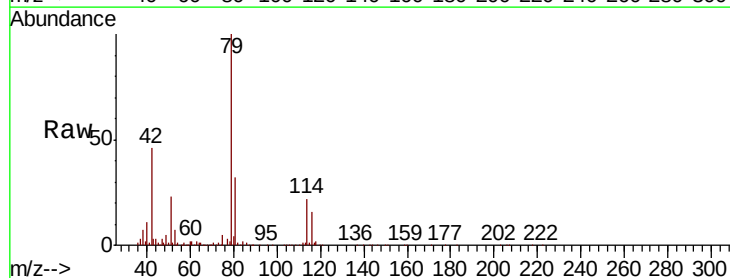
Instrument :
 MSVOA_X
 ClientSampled :

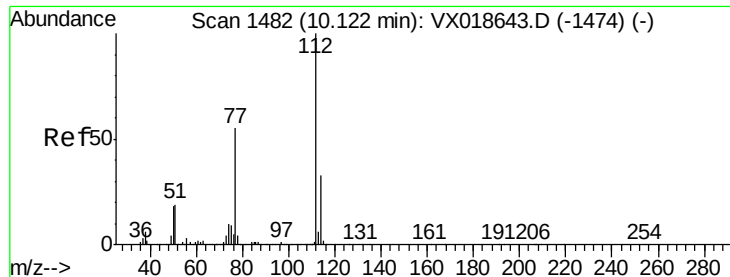
Tot Ion: 63 Resp: 10738
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.186 ug/L
 RT: 8.37 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: VX018651.D
 Acq: 29 Sep 2020 12:37

Tgt Ion: 75 Resp: 3390
 Ion Ratio Lower Upper
 75 100
 77 56.0 23.0 42.8#





#53

Chlorobenzene

Concen: 0.089 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018651.D

Acq: 29 Sep 2020 12:37

Instrument :

MSVOA_X

ClientSampled :

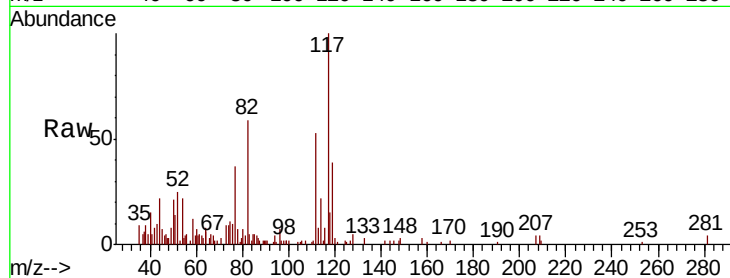
Tot Ion:112 Resp: 3076

Ion Ratio Lower Upper

112 100

114 36.2 20.6 38.4

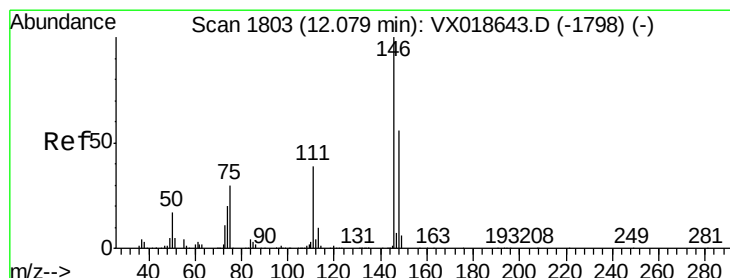
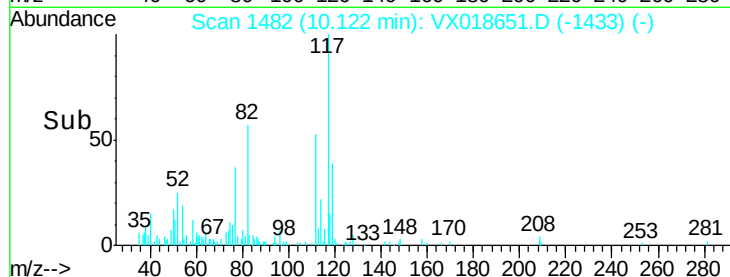
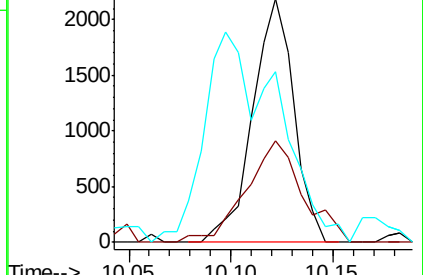
77 61.0 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#64

1,4-Dichlorobenzene

Concen: 0.078 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018651.D

Acq: 29 Sep 2020 12:37

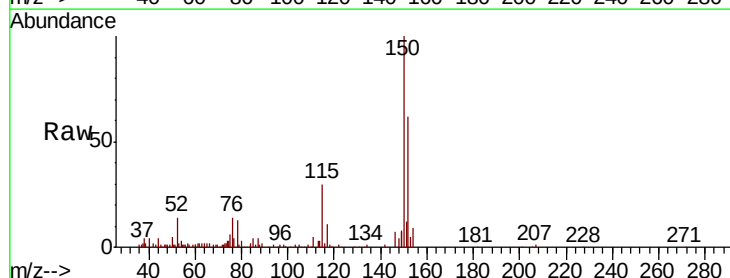
Tgt Ion:146 Resp: 2037

Ion Ratio Lower Upper

146 100

111 76.5 28.8 53.4#

148 54.9 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

