

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018657.D
 Acq On : 29 Sep 2020 15:02
 Operator : JC/SP
 Sample : L4135-19
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:56:53 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	280583	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	261798	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	121378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55853	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.70	69	51392	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.34	63	99778	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.55	46	171685	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.14	84	153211	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	6.03	65	84686	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	6.05	84	269742	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	7.37	67	85915	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	8.70	98	238913	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
45) trans-1,3-Dichloropropene-	8.99	79	34595	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	9.43	63	137917	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63392	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	92970	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

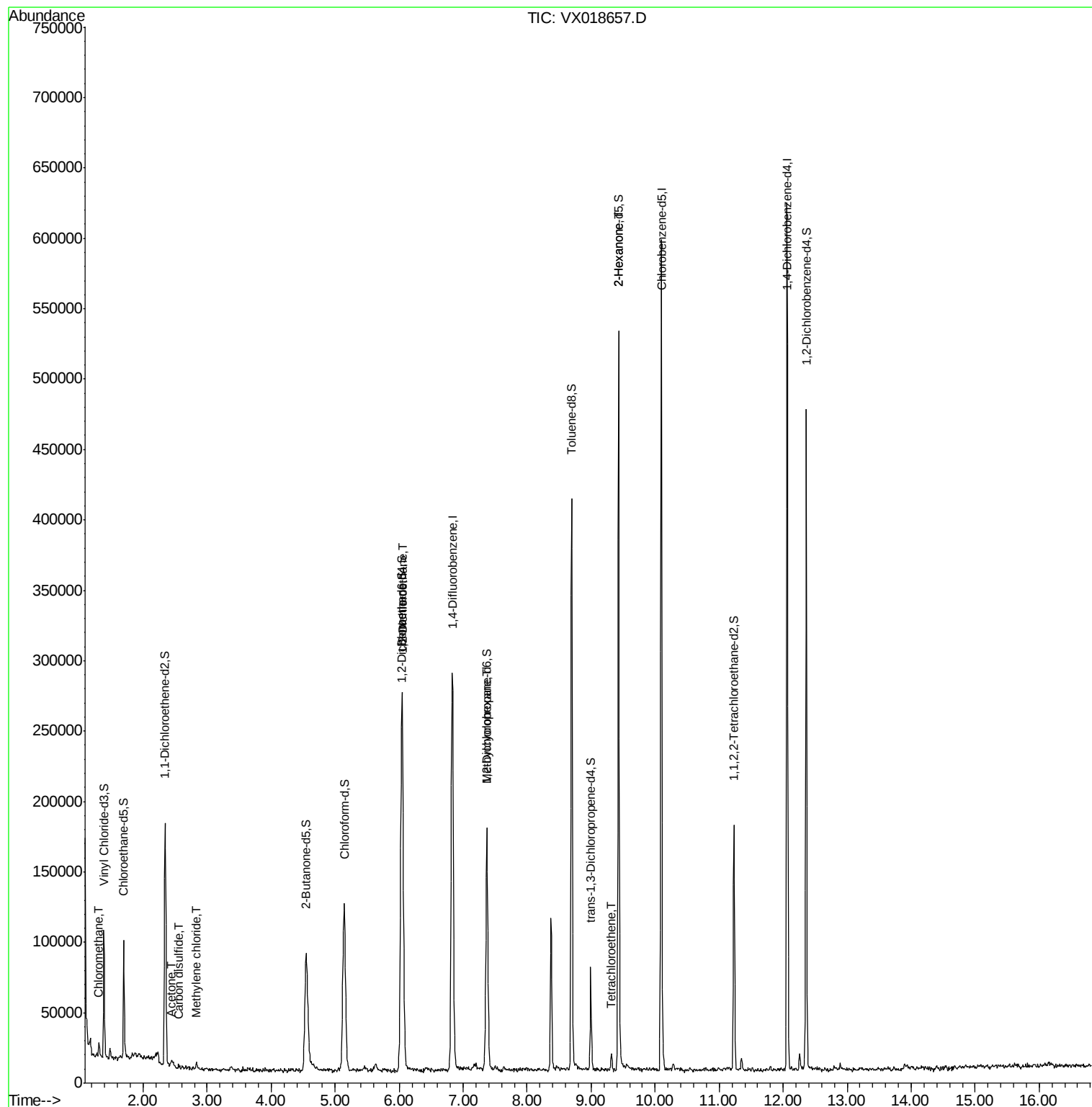
					Ovalue
3) Chloromethane	1.31	50	6910	0.476 ug/L	89
13) Acetone	2.45	43	10245	4.944 ug/L	97
14) Carbon disulfide	2.55	76	2909	0.070 ug/L #	66
16) Methylene chloride	2.84	84	1866	0.100 ug/L	83
27) 1,2-Dichloroethane	6.06	62	2485	0.146 ug/L	98
35) Methylcyclohexane	7.37	83	21302	1.049 ug/L #	17
49) Tetrachloroethene	9.32	164	1396	0.121 ug/L #	69
50) 2-Hexanone	9.43	43	19032	3.602 ug/L #	68

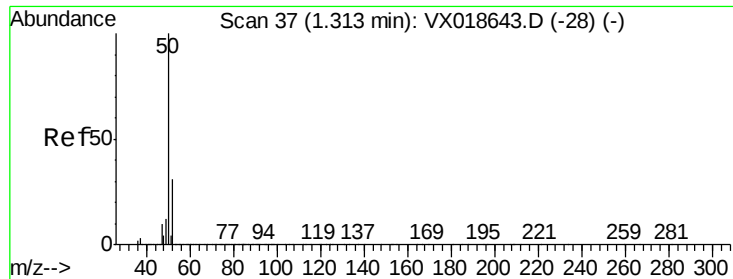
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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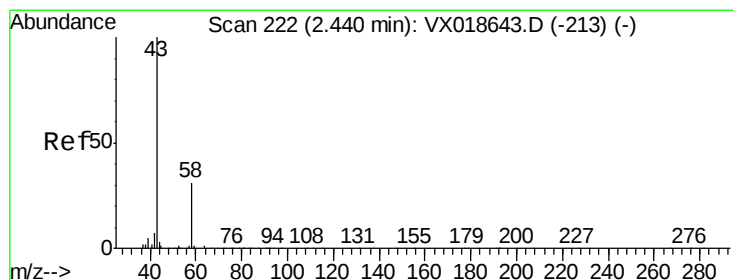
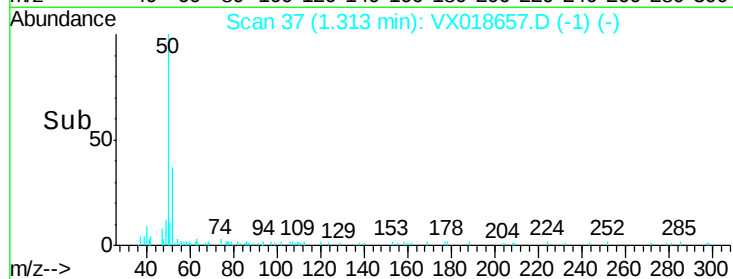
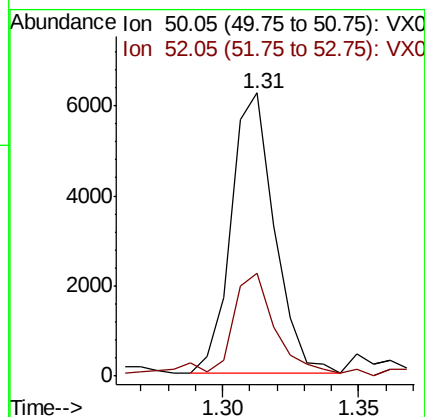
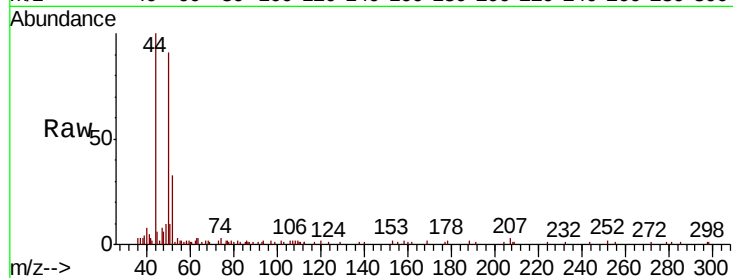




#3
Chloromethane
Concen: 0.476 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018657.D
Acq: 29 Sep 2020 15:02

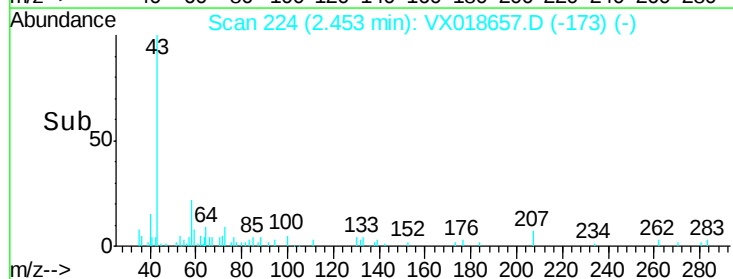
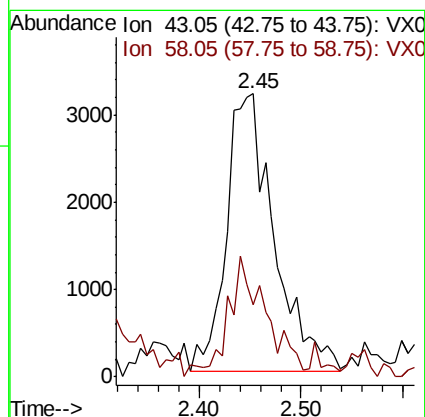
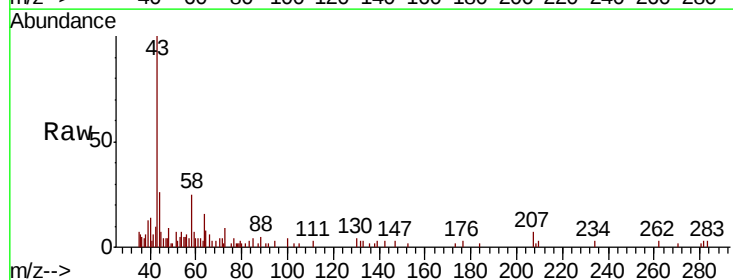
Instrument :
MSVOA_X
ClientSampleId :

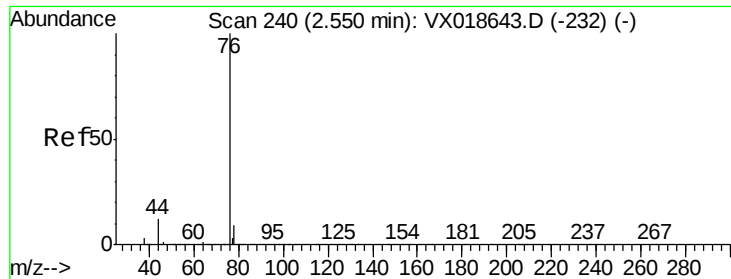
Tot Ion: 50 Resp: 6910
Ion Ratio Lower Upper
50 100
52 36.2 21.2 39.4



#13
Acetone
Concen: 4.944 ug/L
RT: 2.45 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX018657.D
Acq: 29 Sep 2020 15:02

Tgt Ion: 43 Resp: 10245
Ion Ratio Lower Upper
43 100
58 29.3 0.0 61.6





#14

Carbon disulfide

Concen: 0.070 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

Instrument :

MSVOA_X

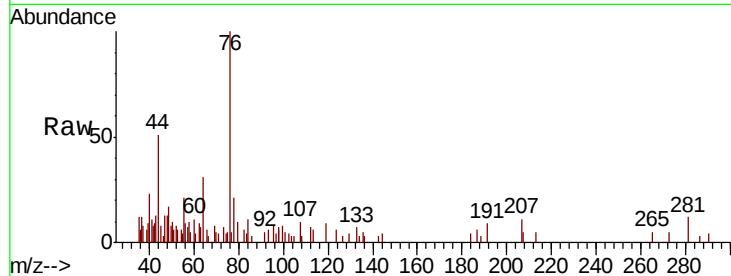
ClientSampleId :

Tot Ion: 76 Resp: 2909

Ion Ratio Lower Upper

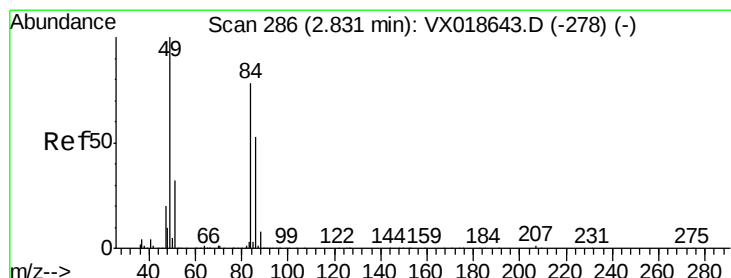
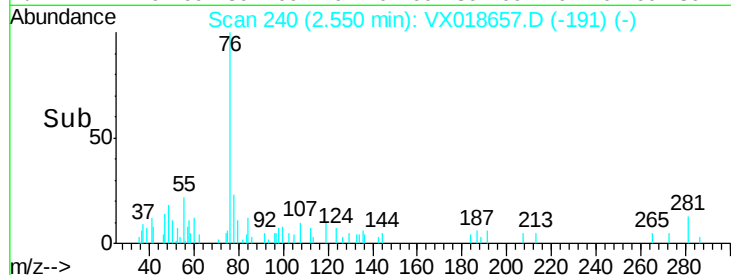
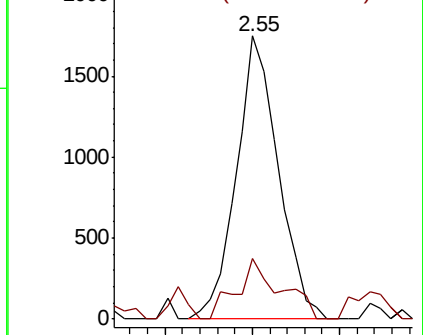
76 100

78 21.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#16

Methylene chloride

Concen: 0.100 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

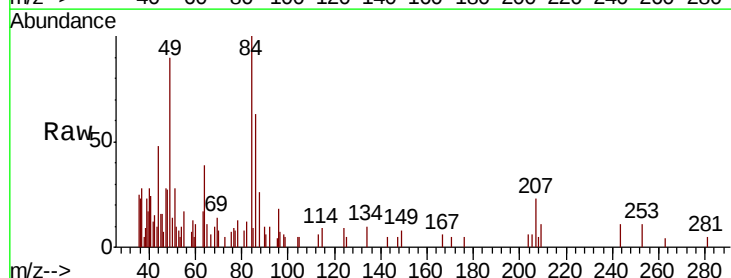
Tgt Ion: 84 Resp: 1866

Ion Ratio Lower Upper

84 100

86 63.1 41.9 77.7

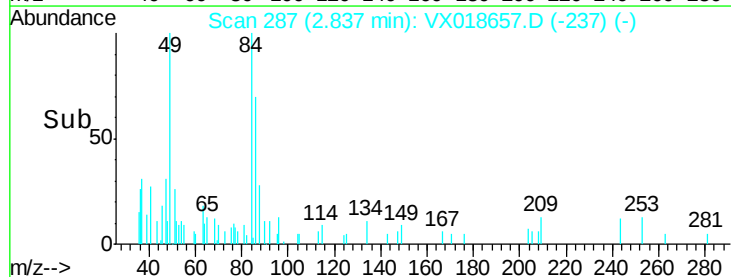
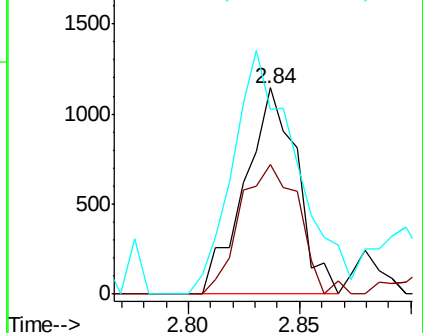
49 89.7 80.8 150.2

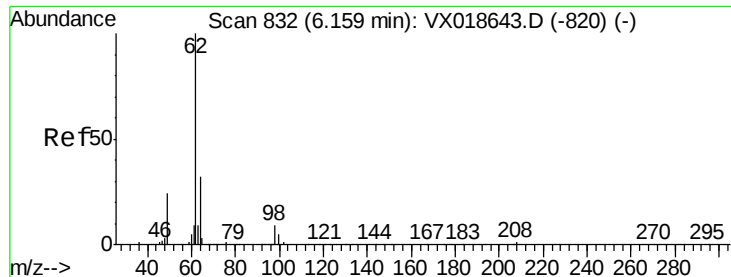


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0





#27

1,2-Dichloroethane

Concen: 0.146 ug/L

RT: 6.06 min Scan# 815

Delta R.T. -0.10 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

Instrument :

MSVOA_X

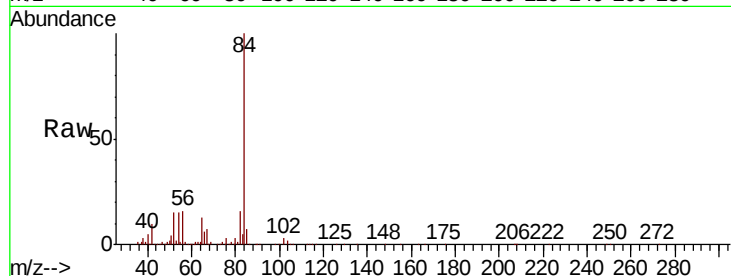
ClientSampled :

Tot Ion: 62 Resp: 2485

Ion Ratio Lower Upper

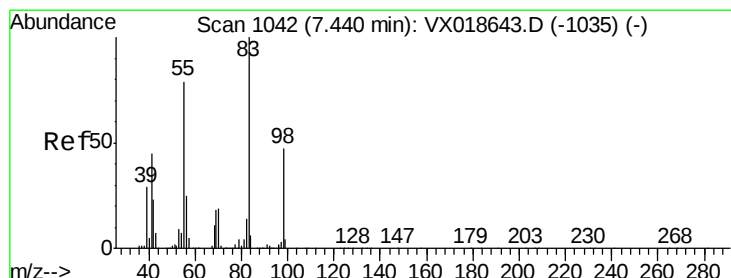
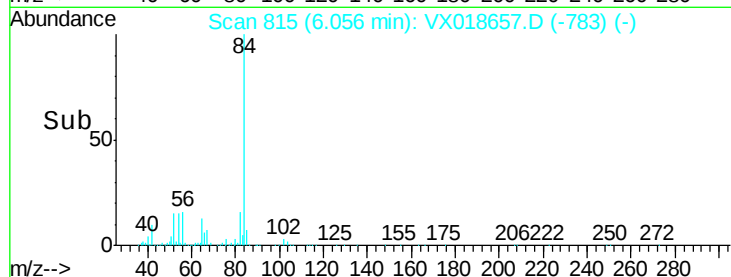
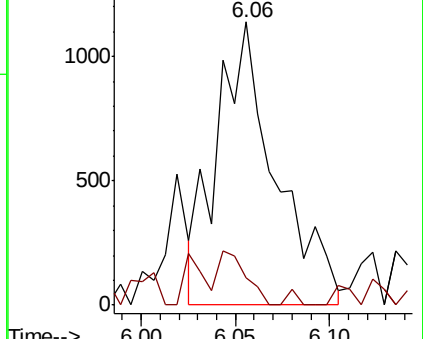
62 100

98 9.5 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0



#35

Methylcyclohexane

Concen: 1.049 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

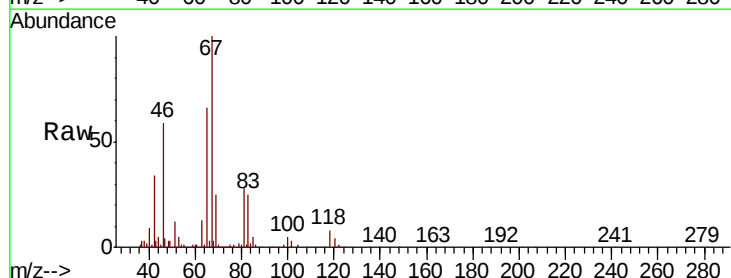
Tgt Ion: 83 Resp: 21302

Ion Ratio Lower Upper

83 100

55 1.8 67.4 101.0#

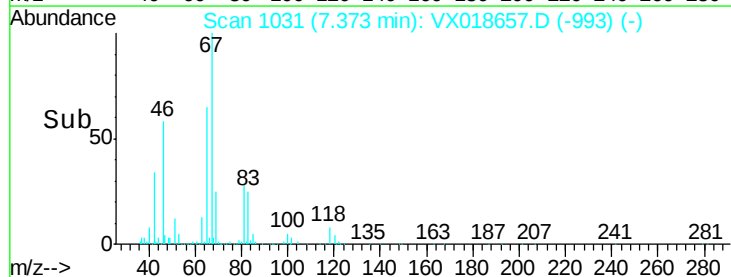
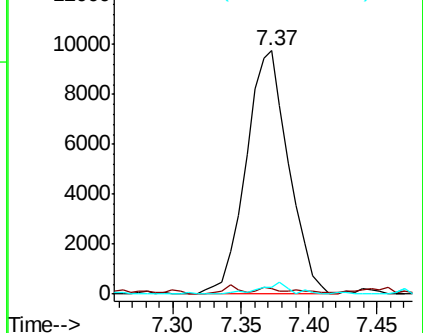
98 3.0 41.1 61.7#

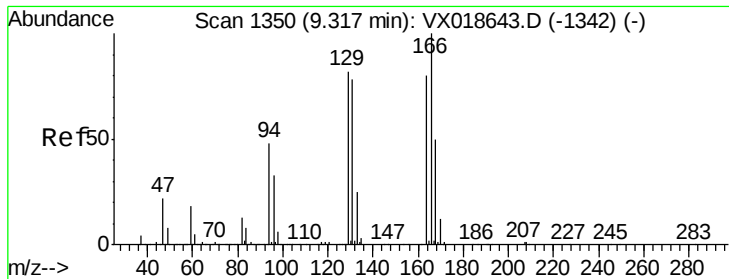


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#49

Tetrachloroethene

Concen: 0.121 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 1396

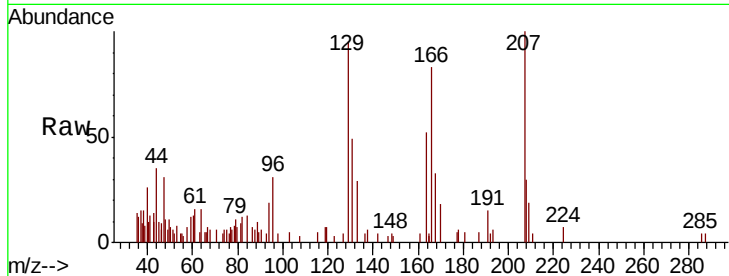
Ion Ratio Lower Upper

164 100

129 169.7 65.9 122.3#

131 88.0 61.4 114.0

166 149.5 91.0 169.0

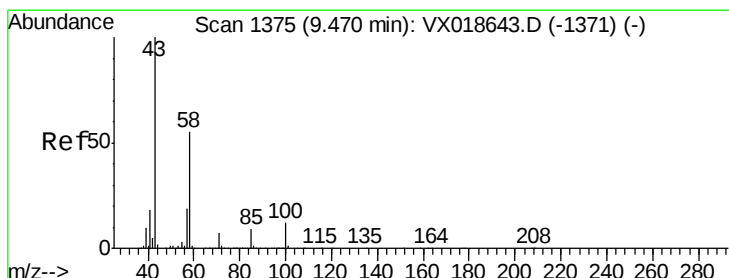
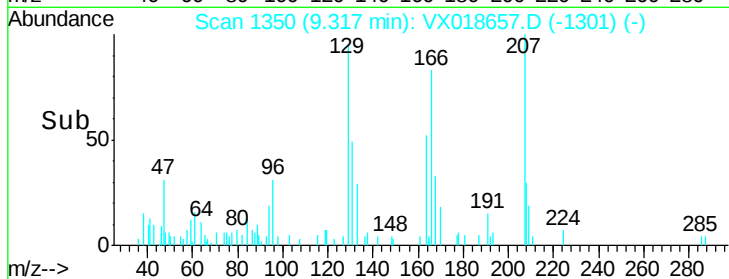
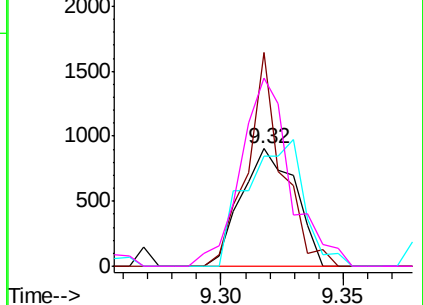


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 3.602 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX018657.D

Acq: 29 Sep 2020 15:02

Tgt Ion: 43 Resp: 19032

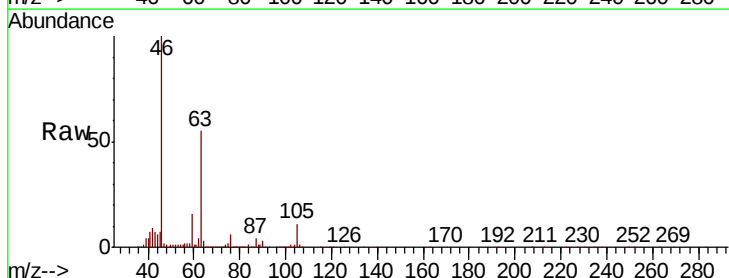
Ion Ratio Lower Upper

43 100

58 26.3 42.5 63.7#

57 29.9 15.9 23.9#

100 1.4 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

