

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018650.D
 Acq On : 29 Sep 2020 12:12
 Operator : JC/SP
 Sample : L4135-12
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:55:47 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	294567	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	276623	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	129908	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60751	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.70	69	52248	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.34	63	109791	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.55	46	186003	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.14	84	153246	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	6.04	65	83197	3.91	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
32) Benzene-d6	6.05	84	284144	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	7.37	67	90672	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	8.70	98	263852	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	8.99	79	35743	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	9.43	63	147837	47.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.42%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	64824	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	101834	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

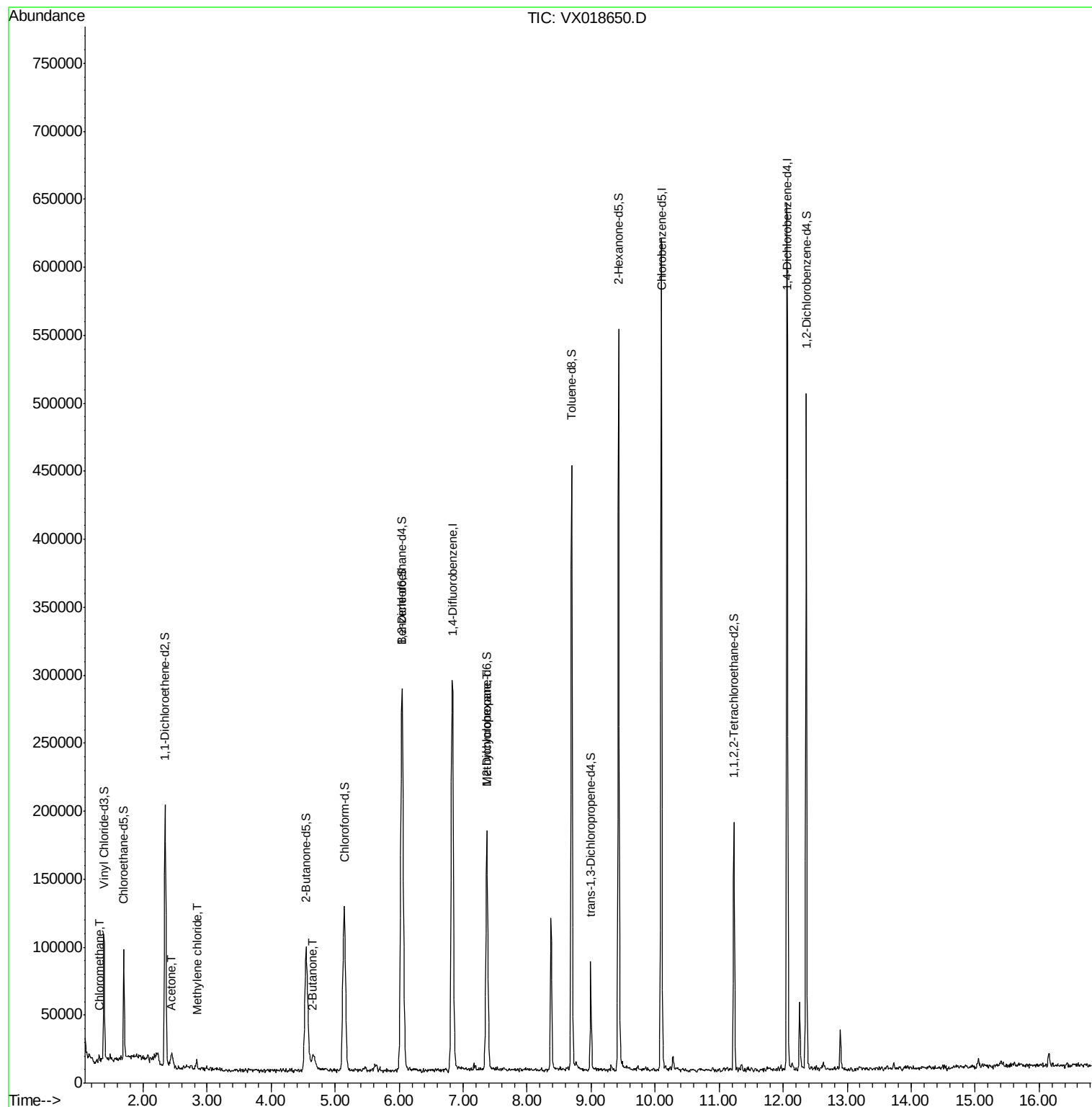
					Ovalue
3) Chloromethane	1.31	50	2897	0.190 ug/L	93
13) Acetone	2.44	43	19965	9.177 ug/L	99
16) Methylene chloride	2.83	84	3069	0.156 ug/L	86
21) 2-Butanone	4.65	43	3083	0.893 ug/L	90
35) Methylcyclohexane	7.37	83	22015	1.026 ug/L #	17

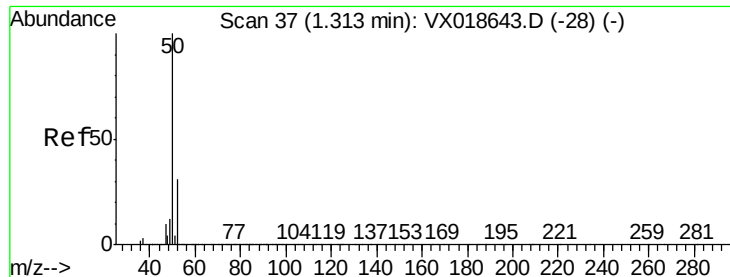
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.190 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018650.D

Acq: 29 Sep 2020 12:12

Instrument :

MSVOA_X

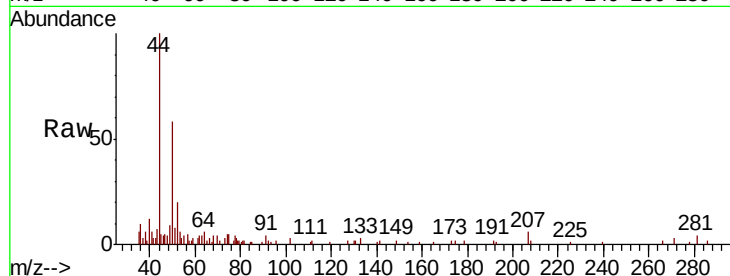
ClientSampleId :

Tot Ion: 50 Resp: 2897

Ion Ratio Lower Upper

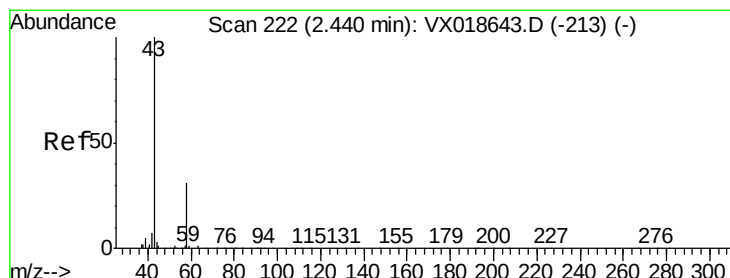
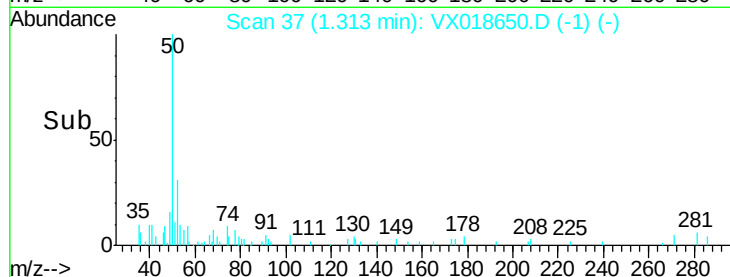
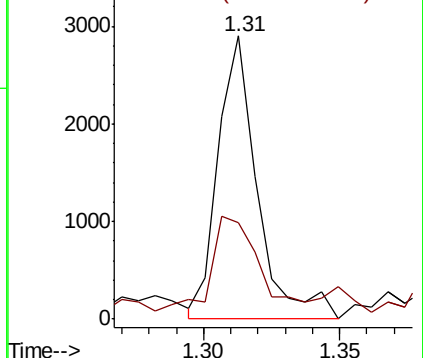
50 100

52 34.3 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 9.177 ug/L

RT: 2.44 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX018650.D

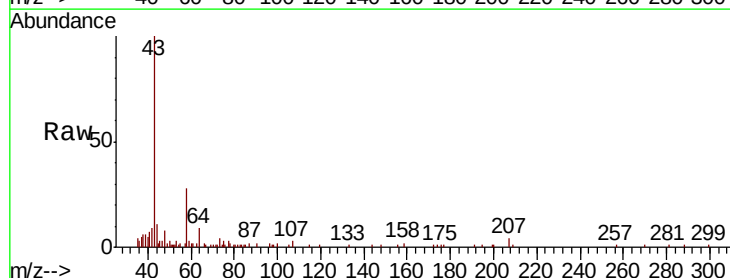
Acq: 29 Sep 2020 12:12

Tgt Ion: 43 Resp: 19965

Ion Ratio Lower Upper

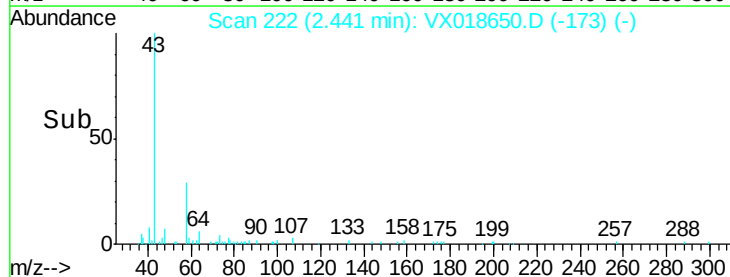
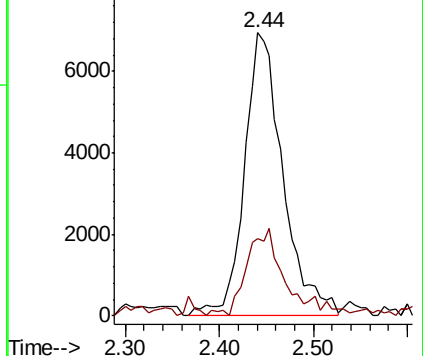
43 100

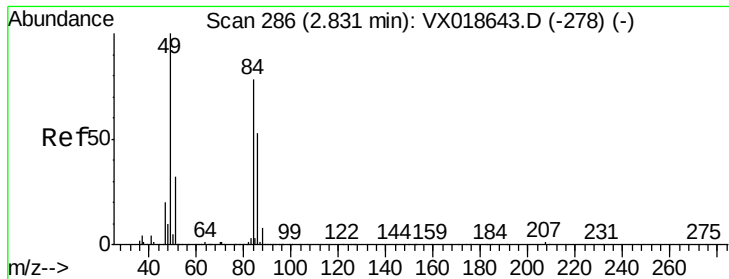
58 31.3 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

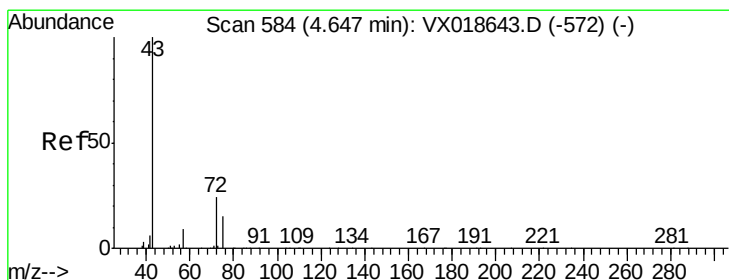
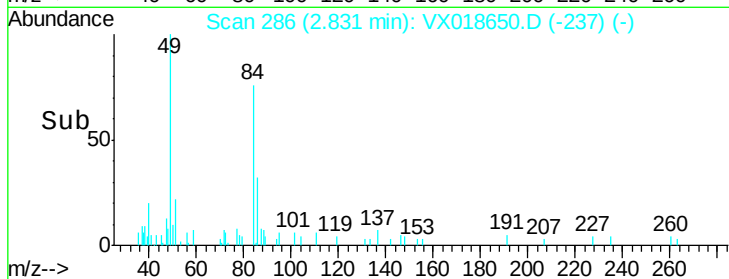
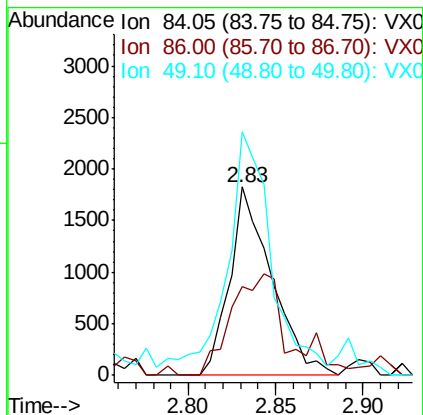
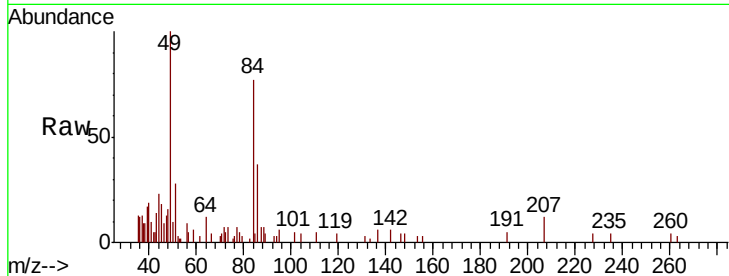




#16
Methvlene chloride
Concen: 0.156 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018650.D
Acq: 29 Sep 2020 12:12

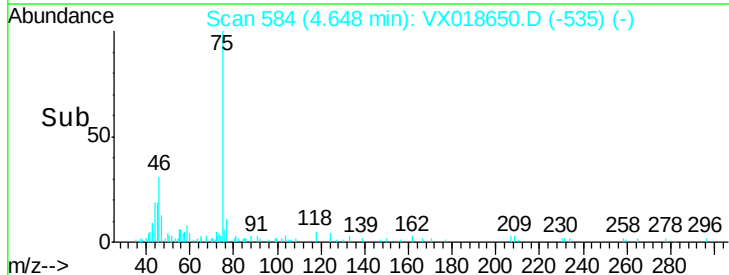
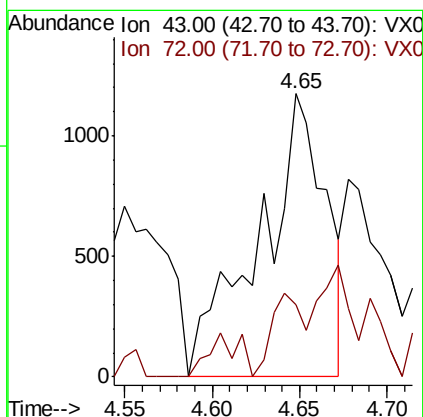
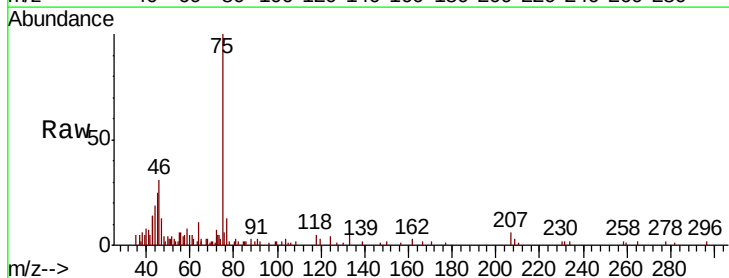
Instrument :
MSVOA_X
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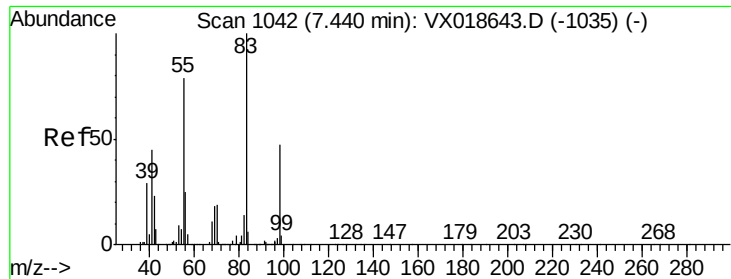
Tot Ion: 84 Resp: 3069
Ion Ratio Lower Upper
84 100
86 47.5 41.9 77.7
49 129.5 80.8 150.2



#21
2-Butanone
Concen: 0.893 ug/L
RT: 4.65 min Scan# 584
Delta R.T. 0.00 min
Lab File: VX018650.D
Acq: 29 Sep 2020 12:12

Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
72 14.0 5.2 15.6





#35

Methylcyclohexane

Concen: 1.026 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018650.D

Acq: 29 Sep 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 22015

Ion Ratio Lower Upper

83 100

55 2.9 67.4 101.0#

98 1.9 41.1 61.7#

