

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081420\
 Data File : VX017924.D
 Acq On : 15 Aug 2020 02:16
 Operator : JC/SP
 Sample : L3701-13
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 JLT2

Quant Time: Aug 17 04:20:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 04:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	240183	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	238552	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101677	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	81686	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.69	69	66937	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.34	63	117802	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.53	46	239432	54.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.64%
24) Chloroform-d	5.14	84	176682	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	6.03	65	97434	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	6.05	84	310995	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	7.37	67	102330	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	8.70	98	267861	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	8.99	79	39960	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	9.43	63	178338	48.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.88%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	78033	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	109872	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

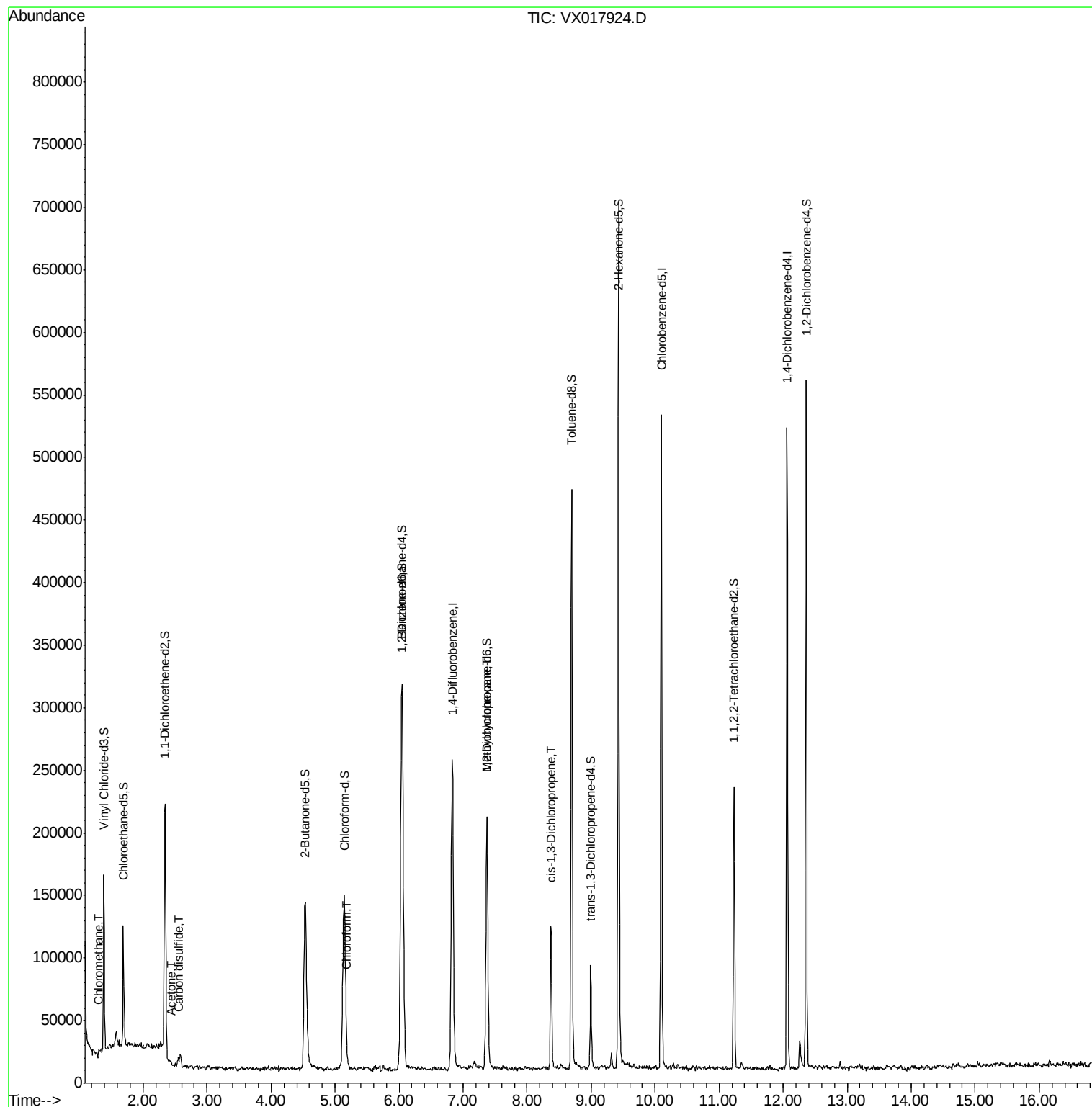
					Qvalue
3) Chloromethane	1.31	50	3970	0.174 ug/L	93
13) Acetone	2.43	43	3882	1.205 ug/L	96
14) Carbon disulfide	2.54	76	6892	0.104 ug/L #	95
25) Chloroform	5.18	83	5720	0.143 ug/L	95
35) Methylcyclohexane	7.37	83	26107	0.753 ug/L #	18
39) cis-1,3-Dichloropropene	8.38	75	3329	0.102 ug/L #	16

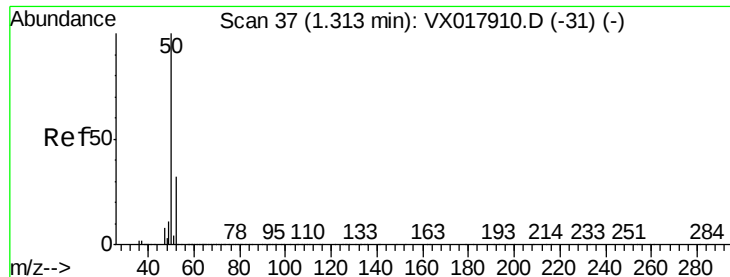
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017924.D

Acq: 15 Aug 2020 02:16

Instrument :

MSVOA_X

ClientSampleId :

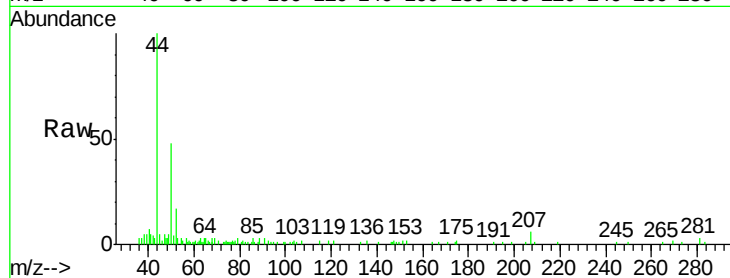
JLTY2

Tgt Ion: 50 Resp: 3970

Ion Ratio Lower Upper

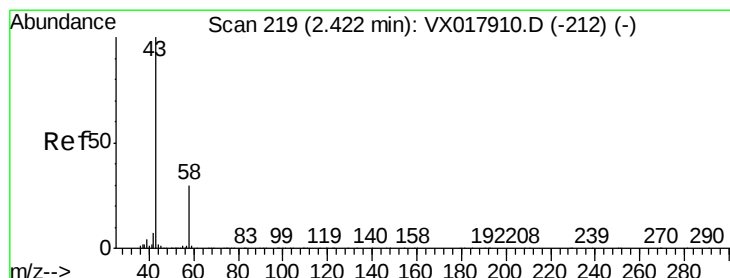
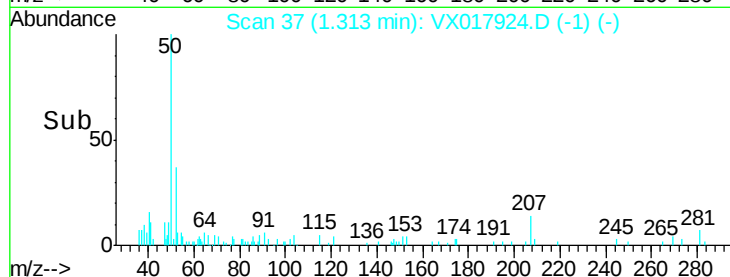
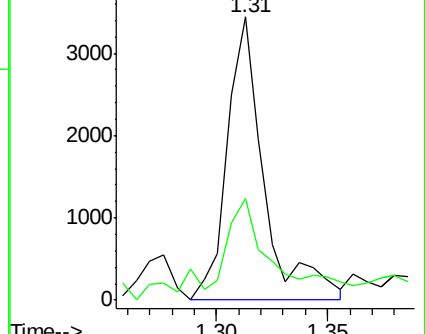
50 100

52 36.1 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 1.205 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017924.D

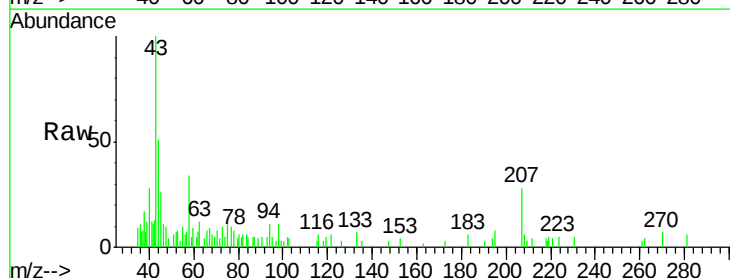
Acq: 15 Aug 2020 02:16

Tgt Ion: 43 Resp: 3882

Ion Ratio Lower Upper

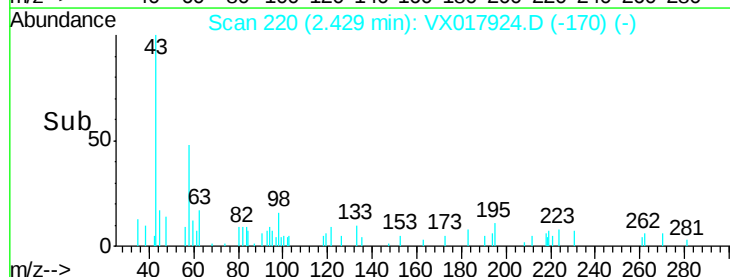
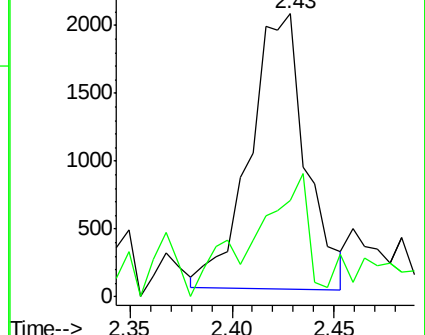
43 100

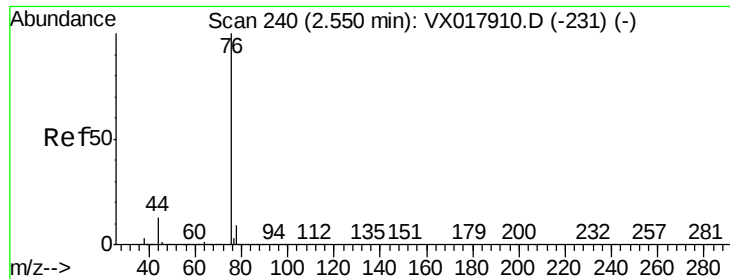
58 32.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

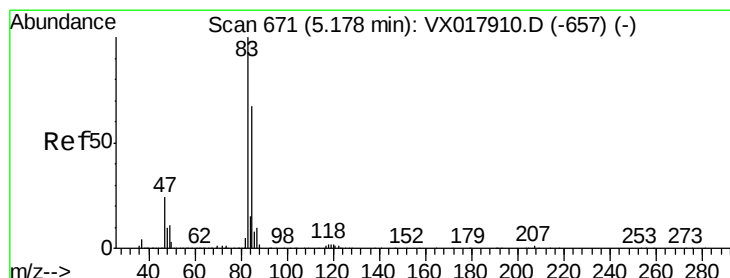
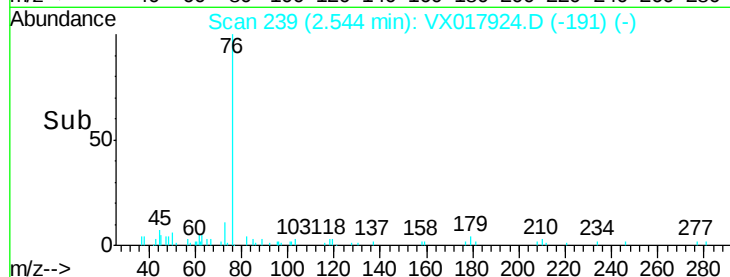
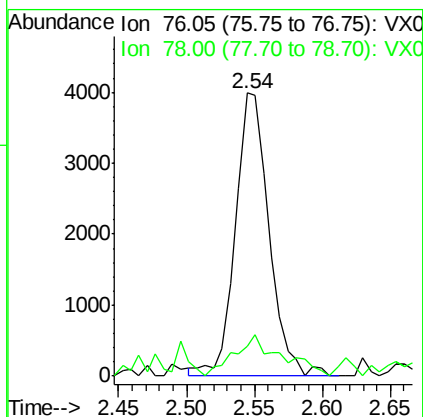
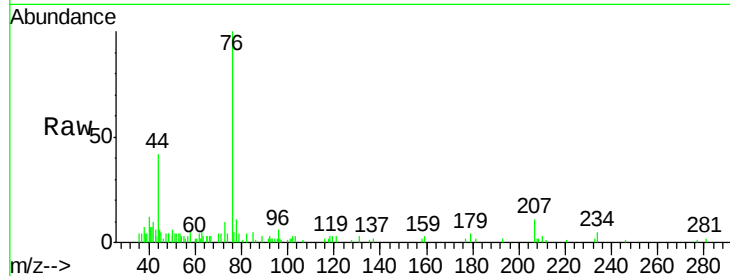




#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX017924.D
Acq: 15 Aug 2020 02:16

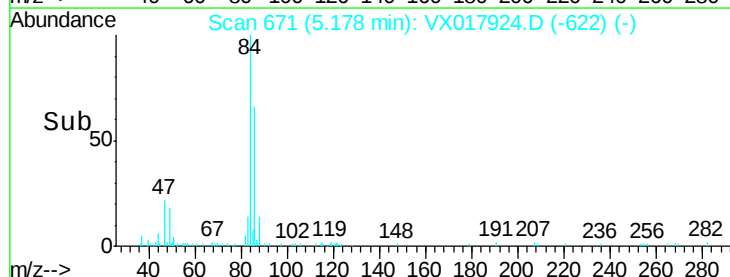
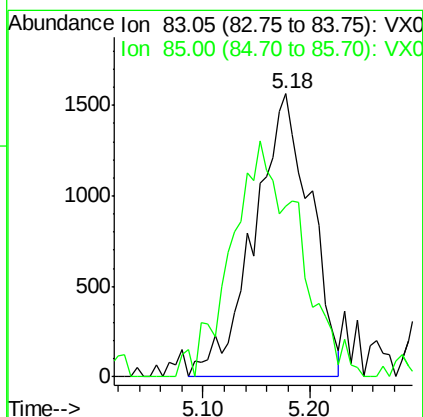
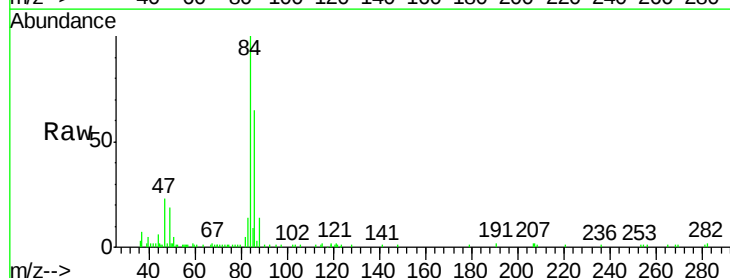
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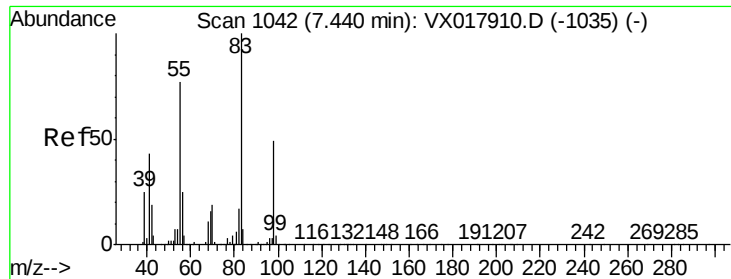
Tgt Ion: 76 Resp: 6892
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4#



#25
Chloroform
Concen: 0.143 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017924.D
Acq: 15 Aug 2020 02:16

Tgt Ion: 83 Resp: 5720
Ion Ratio Lower Upper
83 100
85 60.3 44.7 83.1

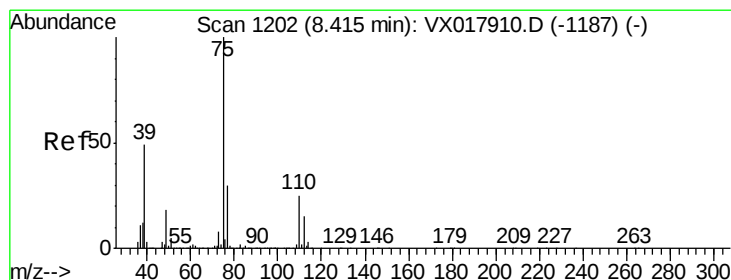
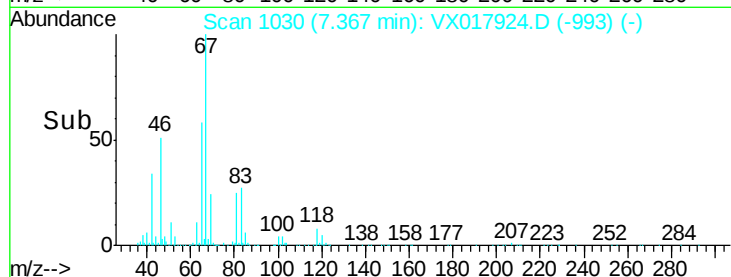
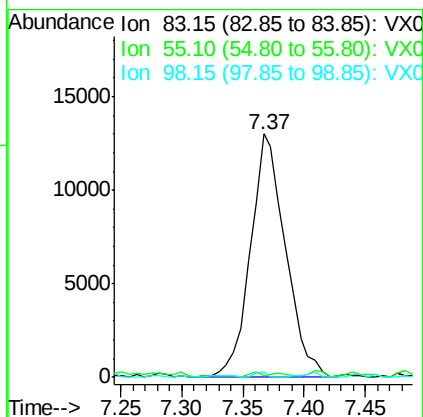
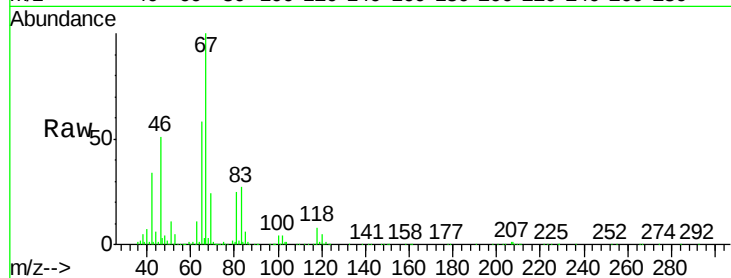




#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX017924.D
Acq: 15 Aug 2020 02:16

Instrument :
MSVOA_X
ClientSampleId :
JLTY2

Tgt Ion: 83 Resp: 26107
Ion Ratio Lower Upper
83 100
55 0.8 62.4 93.6#
98 0.8 38.0 57.0#



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 8.38 min Scan# 1196
Delta R.T. -0.04 min
Lab File: VX017924.D
Acq: 15 Aug 2020 02:16

Tgt Ion: 75 Resp: 3329
Ion Ratio Lower Upper
75 100
77 78.3 22.2 41.2#

