

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018674.D
 Acq On : 29 Sep 2020 22:42
 Operator : JC/SP
 Sample : L4143-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 07:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	237633	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	234346	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	99503	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50427	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.70	69	44492	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.34	63	87404	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.54	46	160462	50.61	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	5.14	84	134240	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	6.04	65	74822	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	6.05	84	230902	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	7.37	67	73156	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	8.70	98	207185	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
45) trans-1,3-Dichloropropene-	8.99	79	28476	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
48) 2-Hexanone-d5	9.43	63	117545	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	56875	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	78602	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

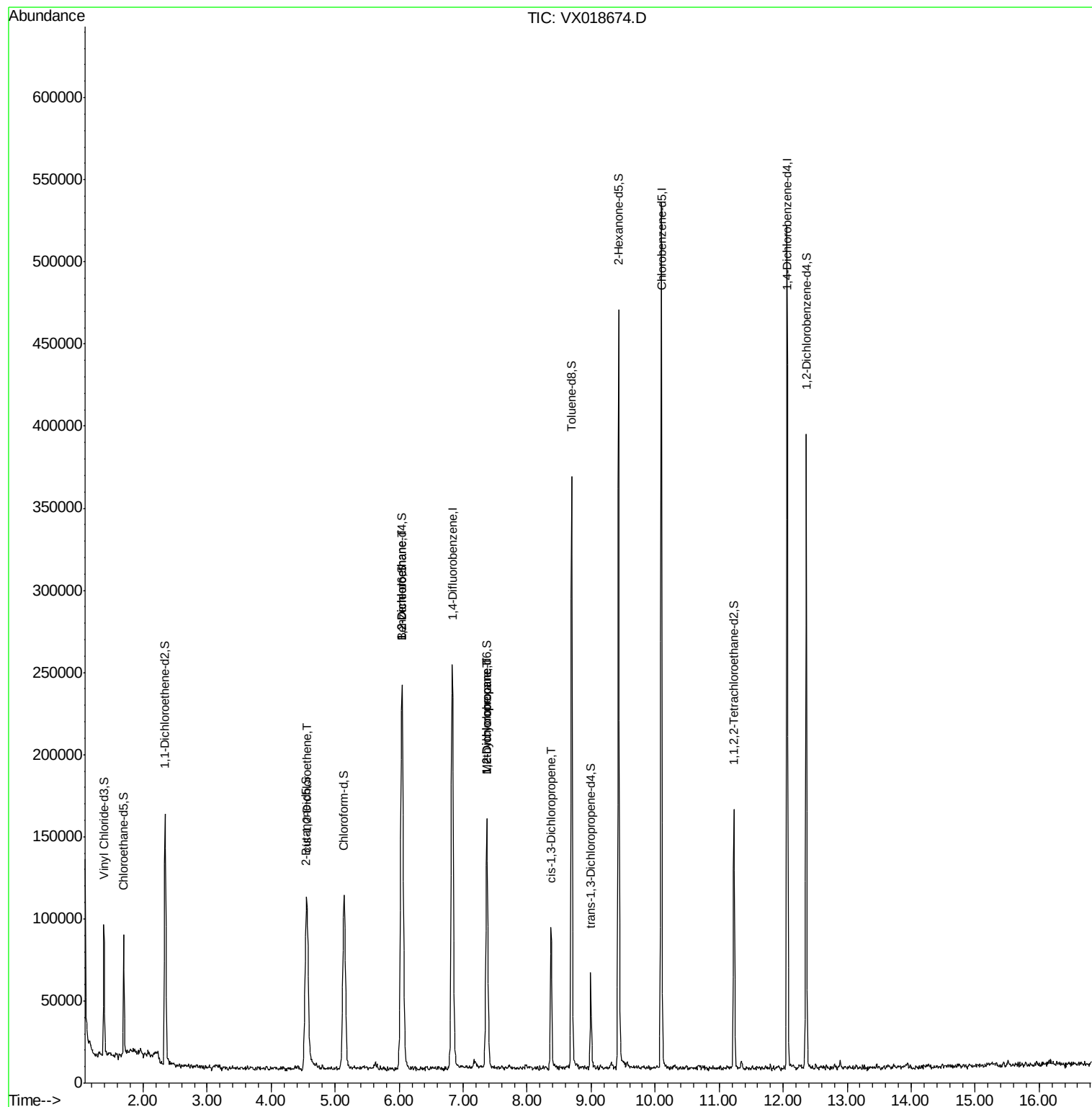
					Ovalue
22) cis-1,2-Dichloroethene	4.56	96	22733	1.879 ug/L #	91
27) 1,2-Dichloroethane	6.04	62	2355	0.164 ug/L	98
35) Methylcyclohexane	7.37	83	19205	1.056 ug/L #	16
37) 1,2-Dichloropropane	7.37	63	9803	0.813 ug/L #	87
39) cis-1,3-Dichloropropene	8.37	75	2713	0.159 ug/L	97

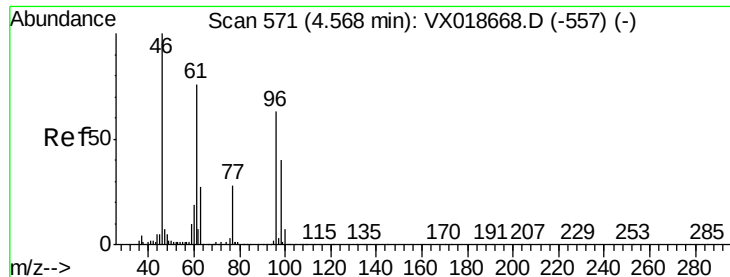
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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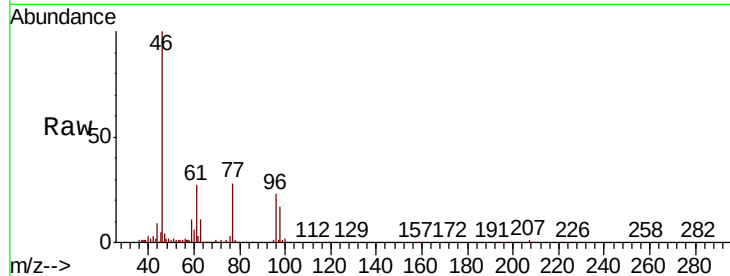


#22

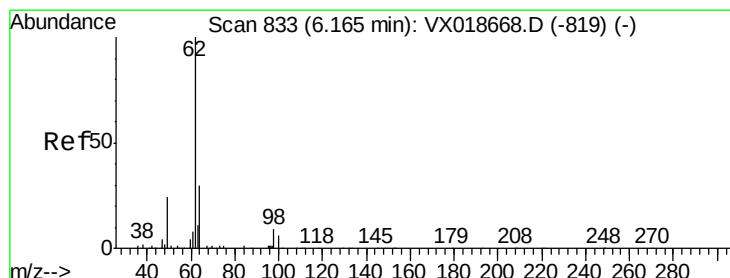
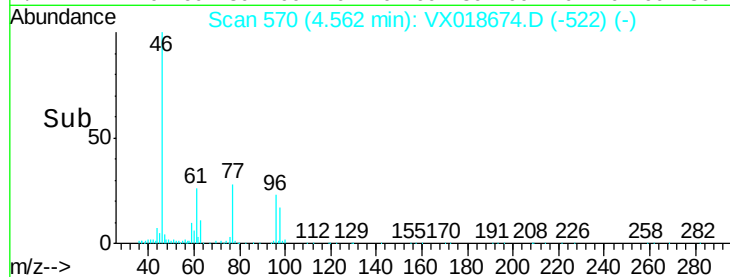
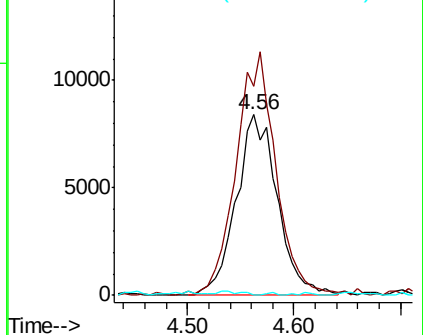
cis-1,2-Dichloroethene
 Concen: 1.879 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018674.D
 Acq: 29 Sep 2020 22:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 22733
 Ion Ratio Lower Upper
 96 100
 61 115.4 87.7 162.9
 68 0.0 0.3 0.7#



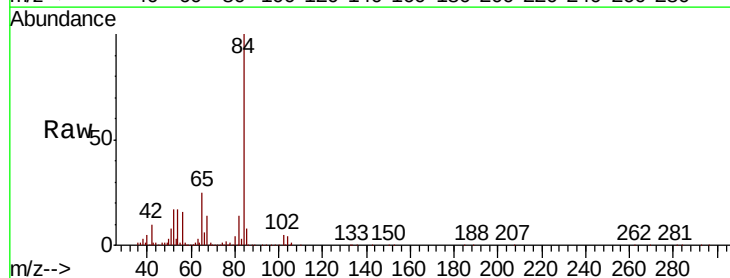
Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 68.15 (67.85 to 68.85): VX0



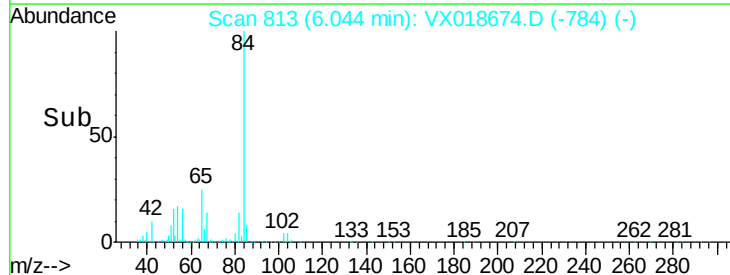
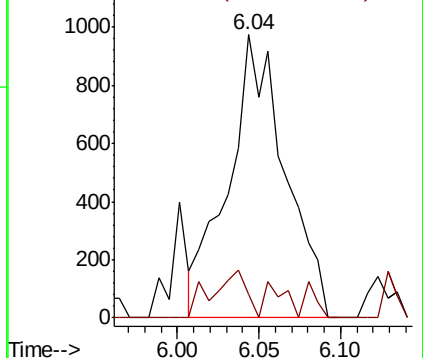
#27

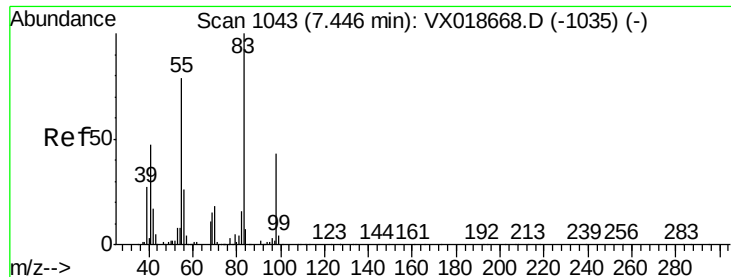
1,2-Dichloroethane
 Concen: 0.164 ug/L
 RT: 6.04 min Scan# 813
 Delta R.T. -0.12 min
 Lab File: VX018674.D
 Acq: 29 Sep 2020 22:42

Tgt Ion: 62 Resp: 2355
 Ion Ratio Lower Upper
 62 100
 98 8.1 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VX0
 Ion 98.05 (97.75 to 98.75): VX0





#35

Methvlcvclohexane

Concen: 1.056 ug/L

RT: 7.37 min Scan# 1031

Delta R.T. -0.07 min

Lab File: VX018674.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

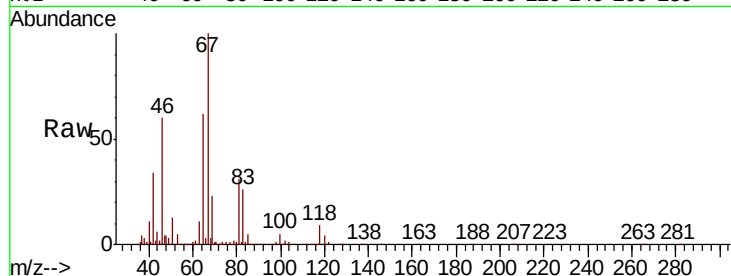
Tot Ion: 83 Resp: 19205

Ion Ratio Lower Upper

83 100

55 0.8 67.4 101.0#

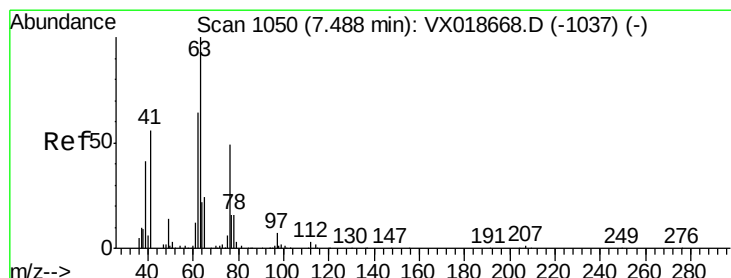
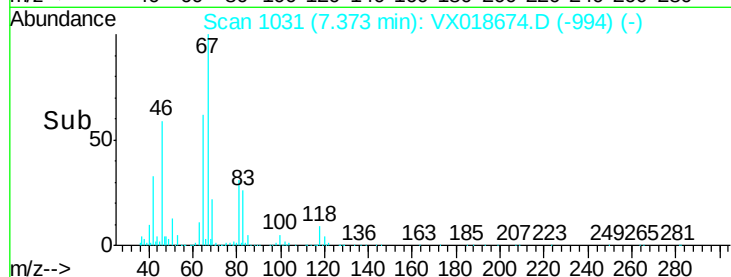
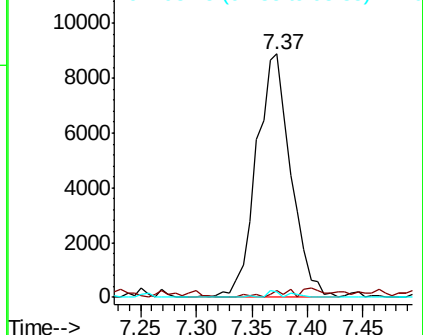
98 0.9 41.1 61.7#



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



#37

1,2-Dichloropropane

Concen: 0.813 ug/L

RT: 7.37 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VX018674.D

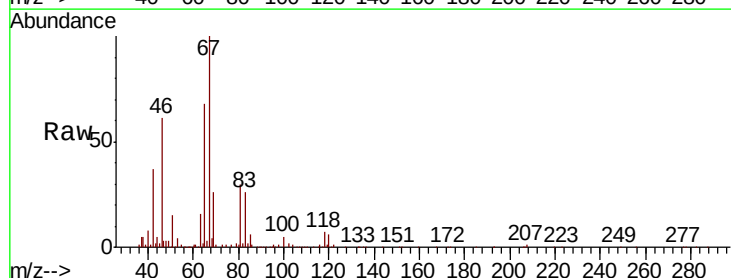
Acq: 29 Sep 2020 22:42

Tgt Ion: 63 Resp: 9803

Ion Ratio Lower Upper

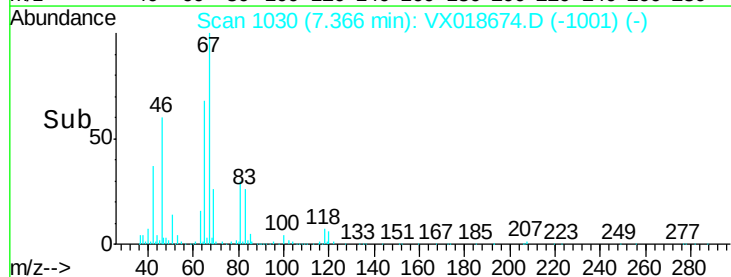
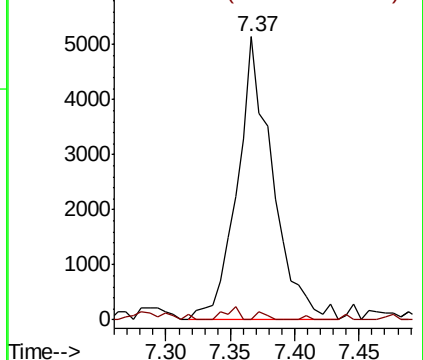
63 100

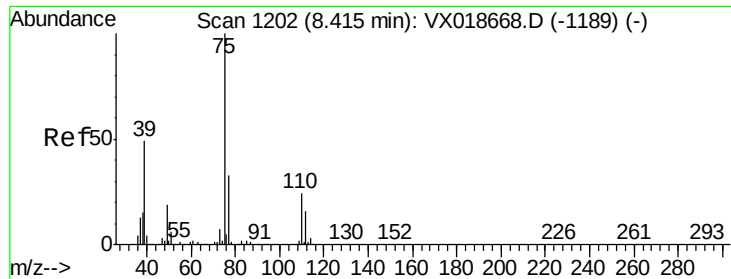
112 0.8 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.159 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

Lab File: VX018674.D

Acq: 29 Sep 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 2713

Ion Ratio Lower Upper

75 100

77 34.8 23.0 42.8

