

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018686.D
 Acq On : 30 Sep 2020 08:59
 Operator : JC/SP
 Sample : VX0929WBL03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	243528	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	240665	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	111966	5.00	ug/L	0.00

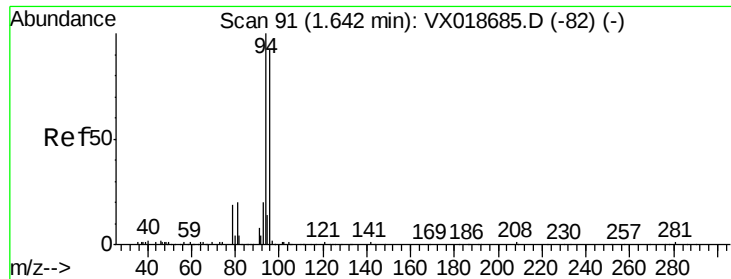
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52352	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.70	69	45375	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.34	63	96972	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.56	46	165678	50.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.98%
24) Chloroform-d	5.14	84	138752	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	6.03	65	78008	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	6.05	84	238784	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	7.37	67	76589	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	8.70	98	211364	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	8.99	79	30731	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	9.43	63	128930	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	60459	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	81819	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Ovalue
6) Bromomethane	1.64	94	968	0.123 ug/L	95
8) Chloroethane	1.72	64	707	0.098 ug/L	93
16) Methylene chloride	2.83	84	4264	0.262 ug/L	93
27) 1,2-Dichloroethane	6.04	62	2779	0.189 ug/L	97
35) Methylcyclohexane	7.37	83	19819	1.061 ug/L #	17
39) cis-1,3-Dichloropropene	8.37	75	2708	0.154 ug/L #	65
50) 2-Hexanone	9.43	43	18128	3.732 ug/L #	72

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



#6

Bromomethane

Concen: 0.123 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018686.D

Acq: 30 Sep 2020 08:59

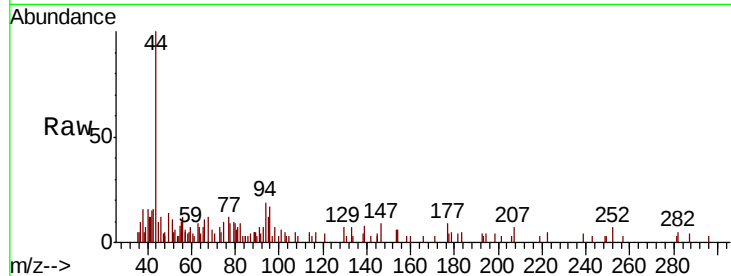
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 968

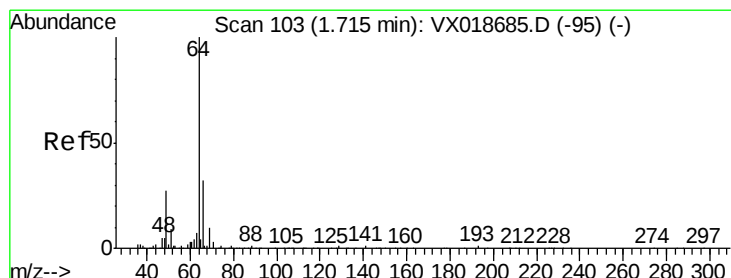
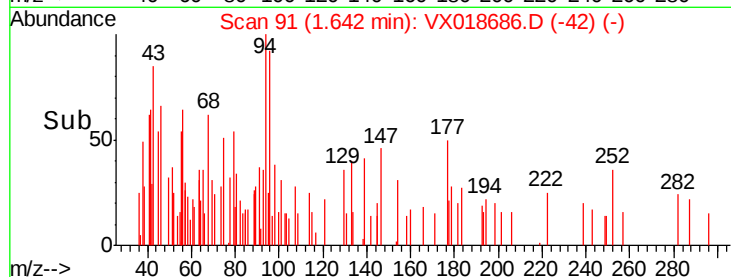
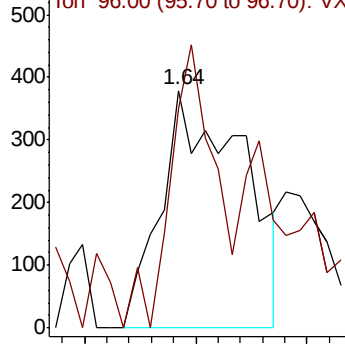
Ion Ratio Lower Upper

94 100

96 92.1 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0
Ion 96.00 (95.70 to 96.70): VX0



#8

Chloroethane

Concen: 0.098 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018686.D

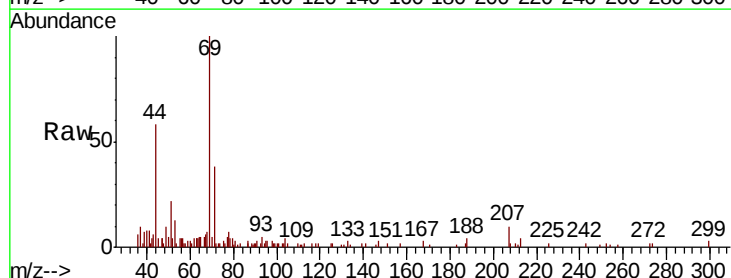
Acq: 30 Sep 2020 08:59

Tgt Ion: 64 Resp: 707

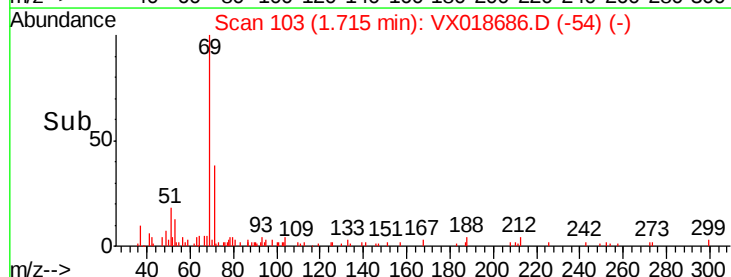
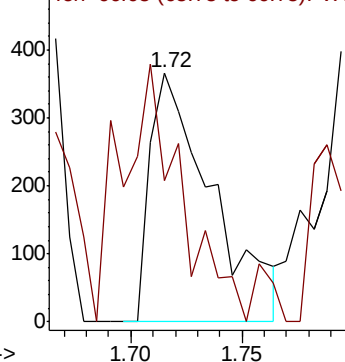
Ion Ratio Lower Upper

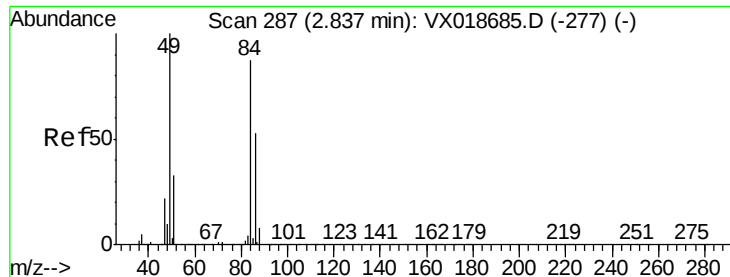
64 100

66 35.5 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VX0
Ion 66.05 (65.75 to 66.75): VX0

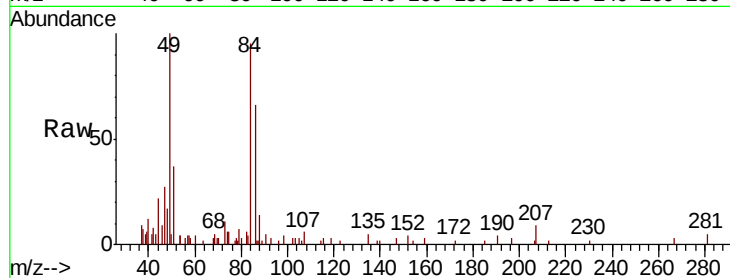




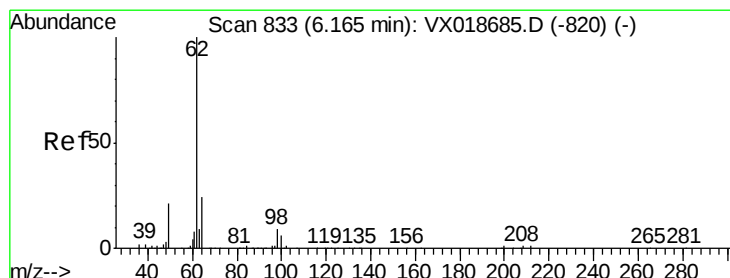
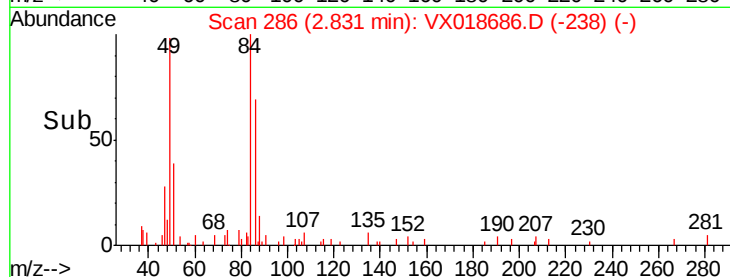
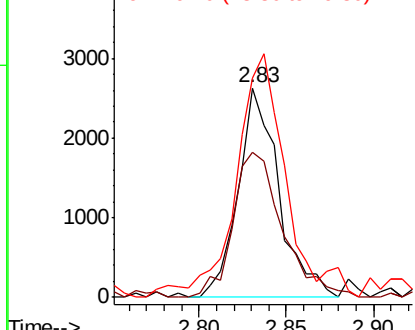
#16
Methvlene chloride
Concen: 0.262 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018686.D
Acq: 30 Sep 2020 08:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 4264
Ion Ratio Lower Upper
84 100
86 69.5 41.9 77.7
49 110.4 80.8 150.2

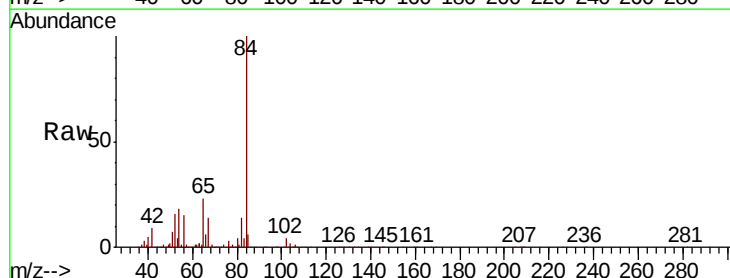


Abundance Ion 84.05 (83.75 to 84.75): VX0
Ion 86.00 (85.70 to 86.70): VX0
Ion 49.10 (48.80 to 49.80): VX0

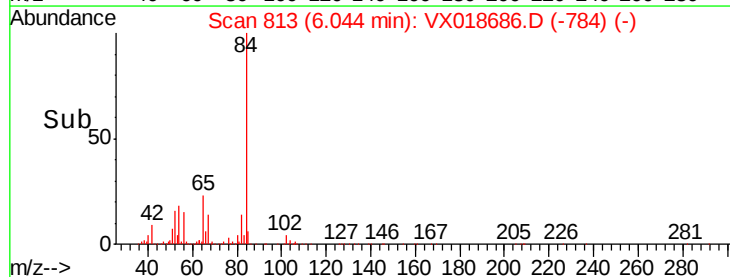
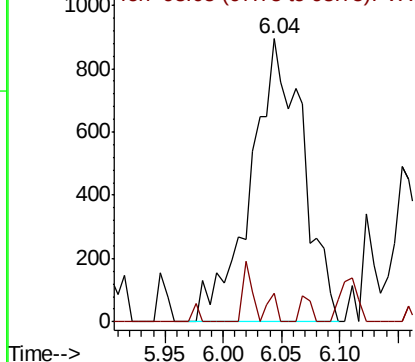


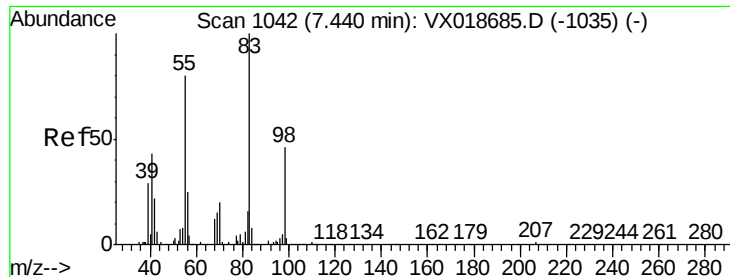
#27
1,2-Dichloroethane
Concen: 0.189 ug/L
RT: 6.04 min Scan# 813
Delta R.T. -0.12 min
Lab File: VX018686.D
Acq: 30 Sep 2020 08:59

Tgt Ion: 62 Resp: 2779
Ion Ratio Lower Upper
62 100
98 10.0 7.0 10.4



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

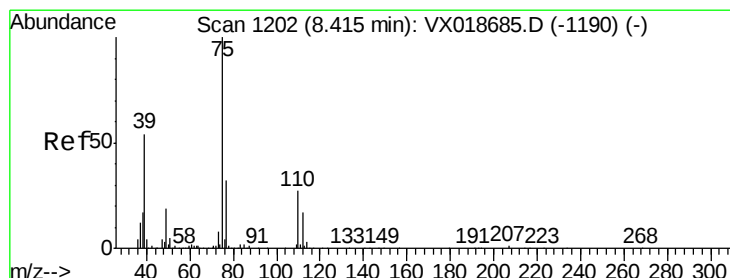
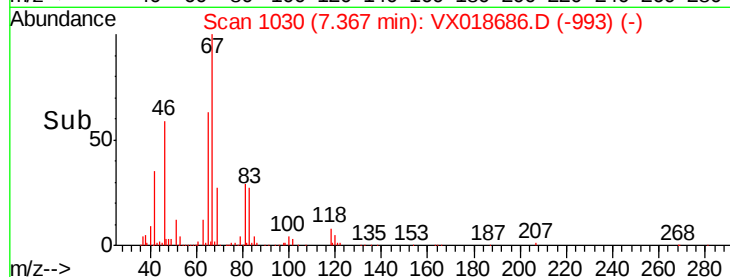
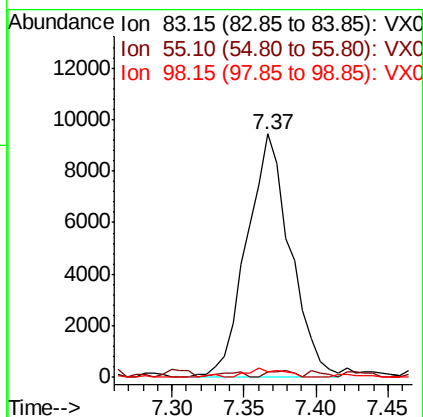
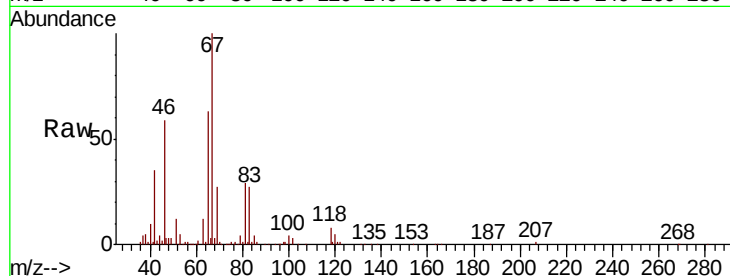




#35
Methvlcvclohexane
Concen: 1.061 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX018686.D
Acq: 30 Sep 2020 08:59

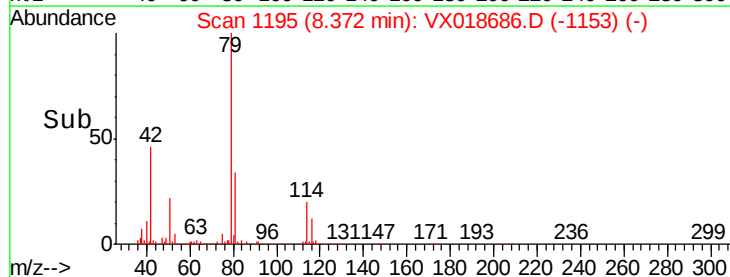
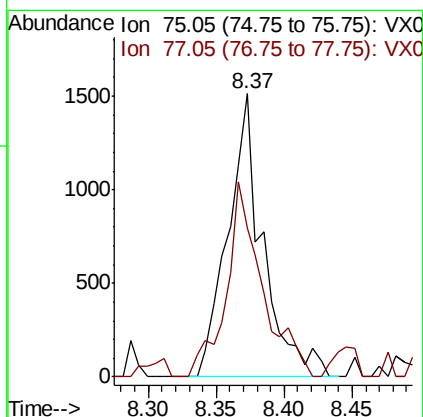
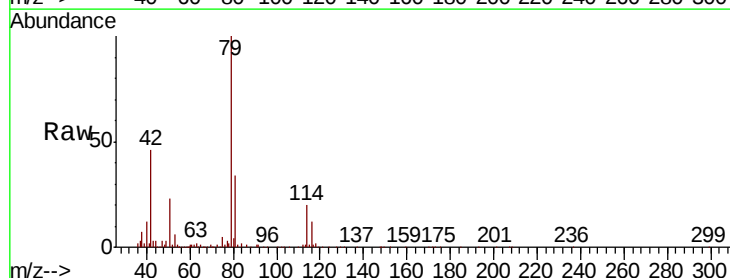
Instrument :
MSVOA_X
ClientSampleId :

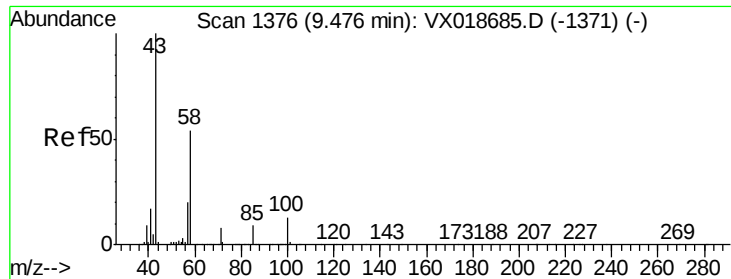
Tot Ion: 83 Resp: 19819
Ion Ratio Lower Upper
83 100
55 1.5 67.4 101.0#
98 2.8 41.1 61.7#



#39
cis-1,3-Dichloropropene
Concen: 0.154 ug/L
RT: 8.37 min Scan# 1195
Delta R.T. -0.04 min
Lab File: VX018686.D
Acq: 30 Sep 2020 08:59

Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 52.4 23.0 42.8#





#50
 2-Hexanone
 Concen: 3.732 ug/L
 RT: 9.43 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VX018686.D
 Acq: 30 Sep 2020 08:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	28.7	42.5	63.7#
57	28.7	15.9	23.9#
100	5.2	9.4	14.0#

