

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006838.D
 Acq On : 03 Aug 2018 05:46
 Operator : SY/MD
 Sample : J4227-06
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 09:08:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236188	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83665	5.00	ug/L	0.00

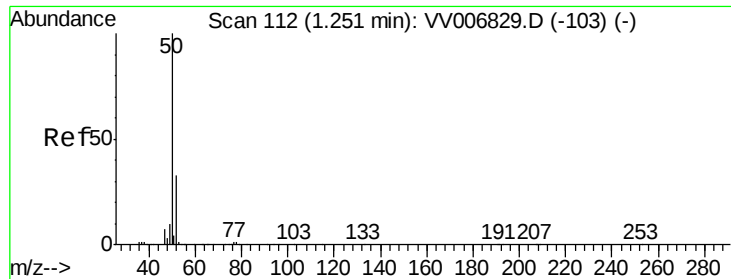
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82304	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	76073	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.13	63	116218	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.95	46	237425	59.84	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.68%
24) Chloroform-d	4.41	84	153832	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.09	65	80311	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	295268	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	101800	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.37	98	228632	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	27771	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	144260	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82396	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	79849	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	11345	0.416	ug/L	97
8) Chloroethane	1.51	64	17369	1.220	ug/L #	50
13) Acetone	2.19	43	9638	3.445	ug/L	99
14) Carbon disulfide	2.32	76	24674	0.551	ug/L #	80
15) Methyl Acetate	2.46	43	7121	0.846	ug/L	96
35) Methylcyclohexane	6.12	83	23790	0.878	ug/L #	19
48) 2-Hexanone	8.19	43	5133	0.777	ug/L #	88

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



#3

Chloromethane

Concen: 0.416 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.01 min

Lab File: VV006838.D

Acq: 03 Aug 2018 05:46

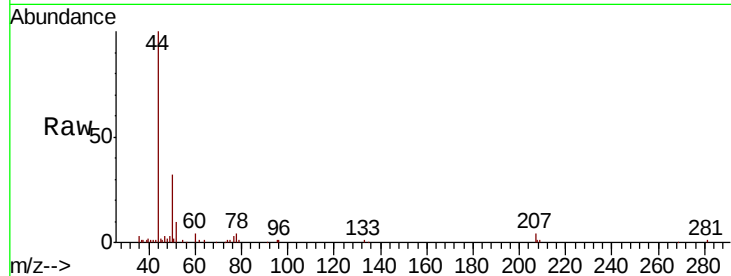
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 11345

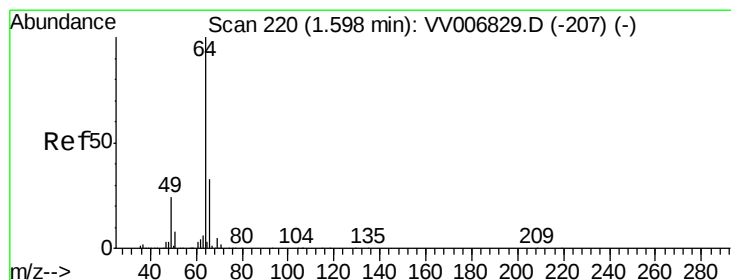
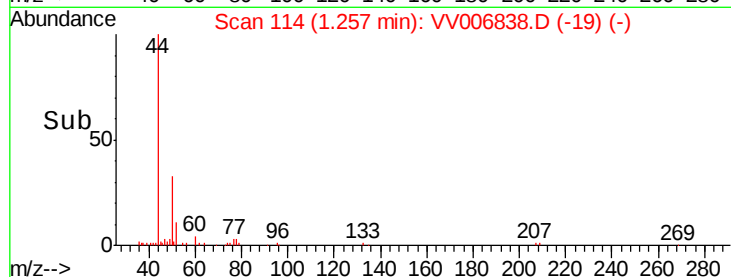
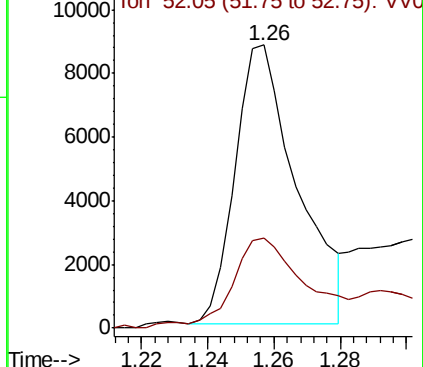
Ion Ratio Lower Upper

50 100

52 31.8 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006829.D (-103) (-)



#8

Chloroethane

Concen: 1.220 ug/L

RT: 1.51 min Scan# 192

Delta R.T. -0.09 min

Lab File: VV006838.D

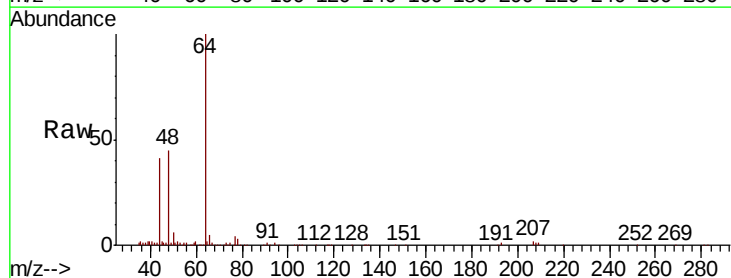
Acq: 03 Aug 2018 05:46

Tgt Ion: 64 Resp: 17369

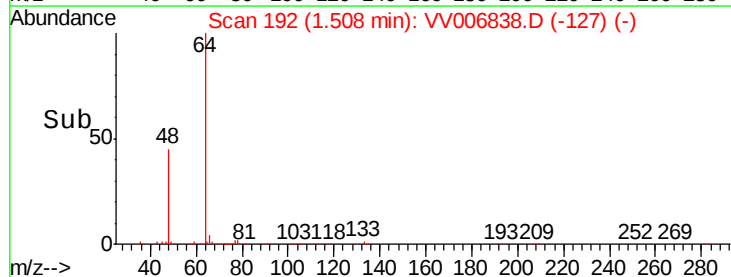
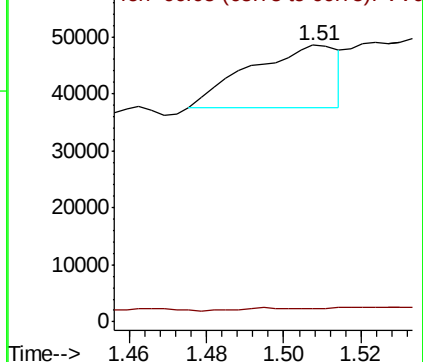
Ion Ratio Lower Upper

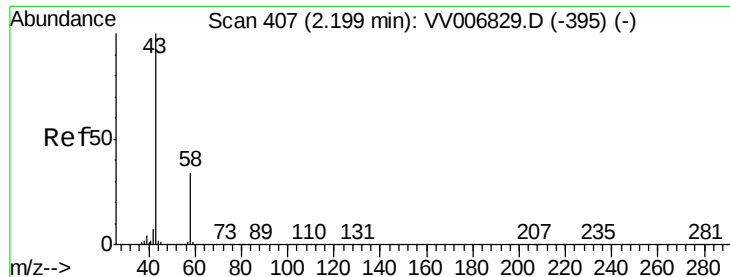
64 100

66 4.7 23.0 42.6#



Abundance Ion 64.10 (63.80 to 64.80): VV006829.D (-207) (-)





#13

Acetone

Concen: 3.445 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006838.D

Acq: 03 Aug 2018 05:46

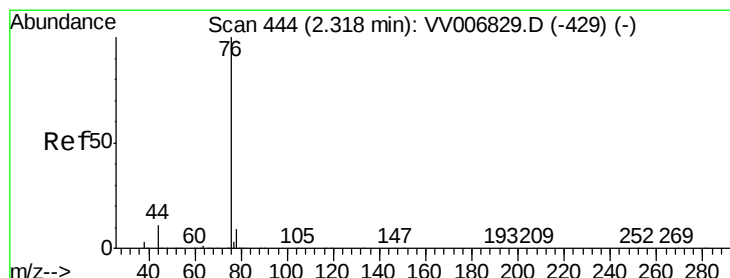
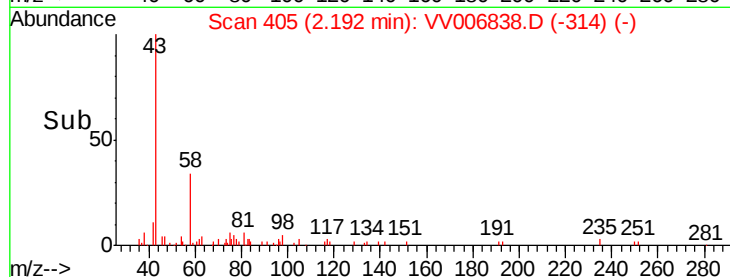
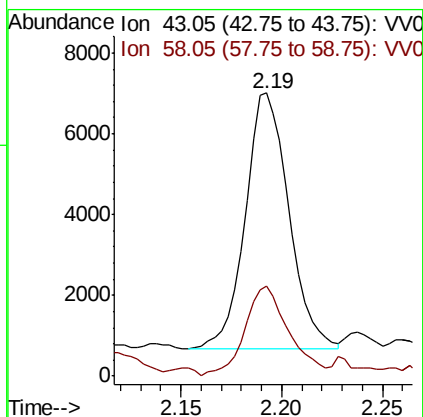
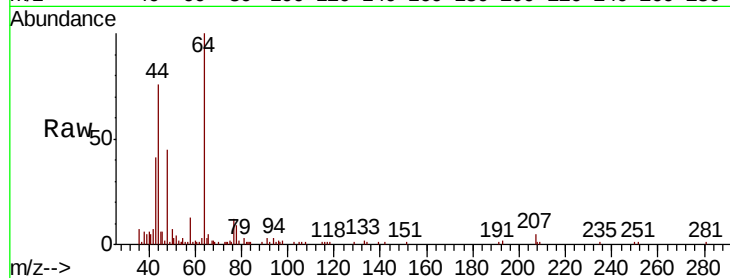
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9638

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.0



#14

Carbon disulfide

Concen: 0.551 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006838.D

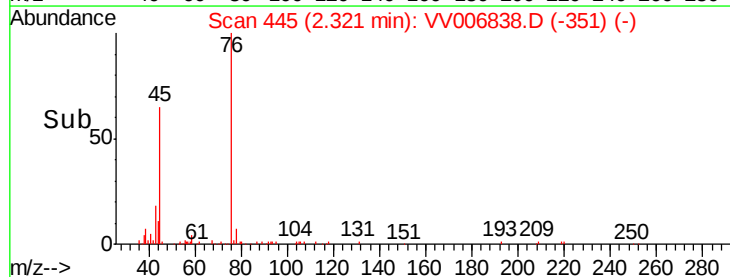
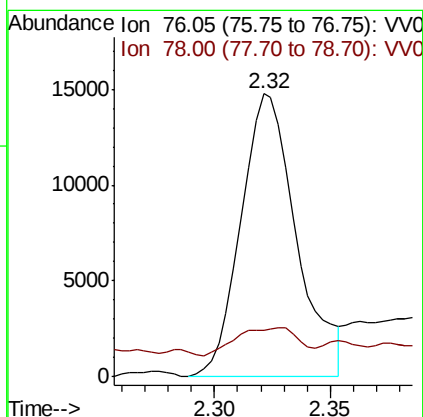
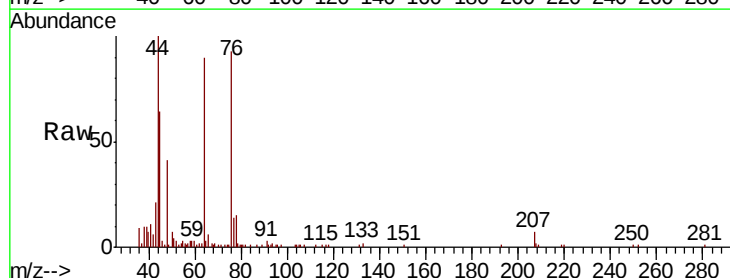
Acq: 03 Aug 2018 05:46

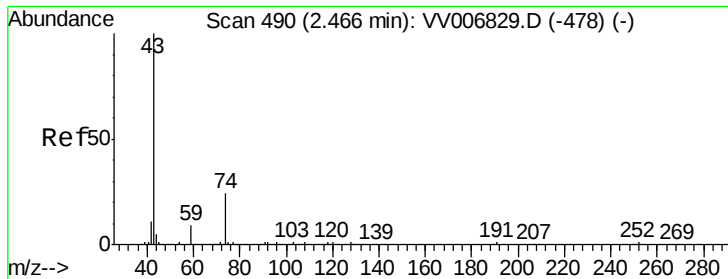
Tgt Ion: 76 Resp: 24674

Ion Ratio Lower Upper

76 100

78 18.4 8.7 13.1#

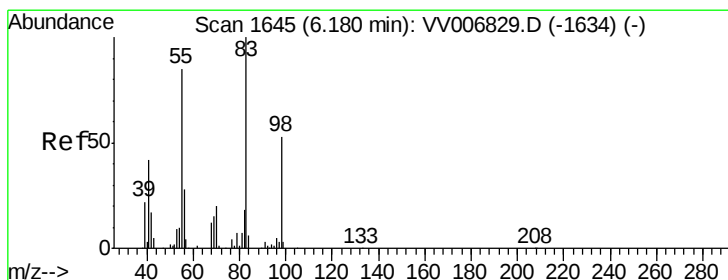
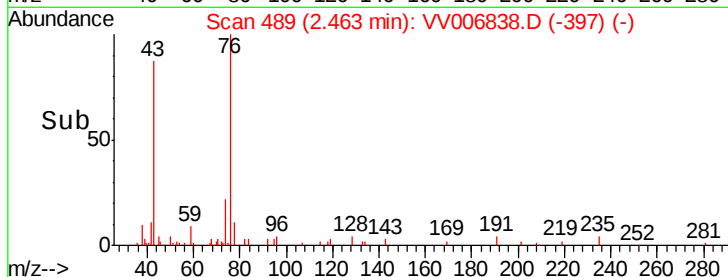
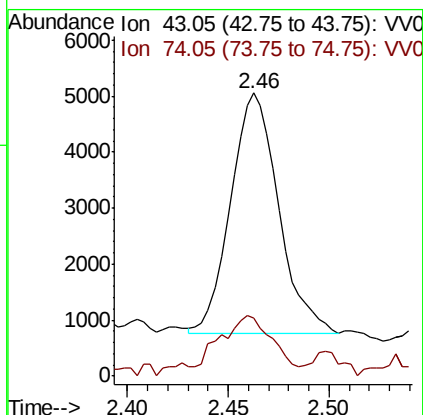
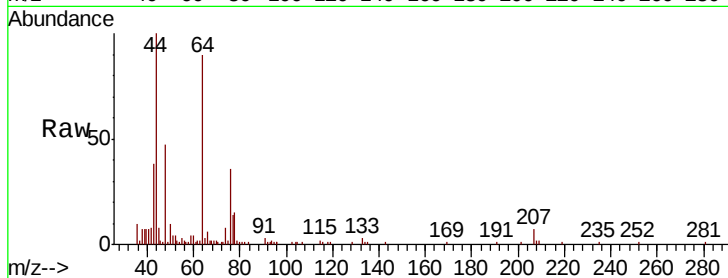




#15
Methvl Acetate
Concen: 0.846 ug/L
RT: 2.46 min Scan# 489
Delta R.T. -0.00 min
Lab File: VV006838.D
Acq: 03 Aug 2018 05:46

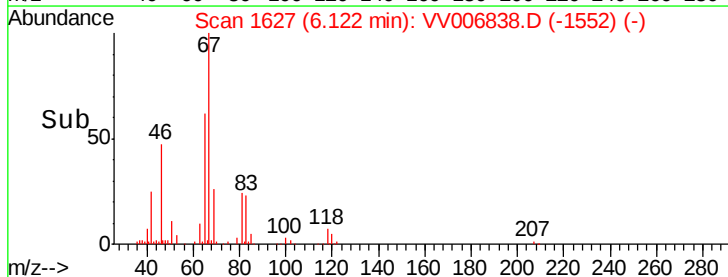
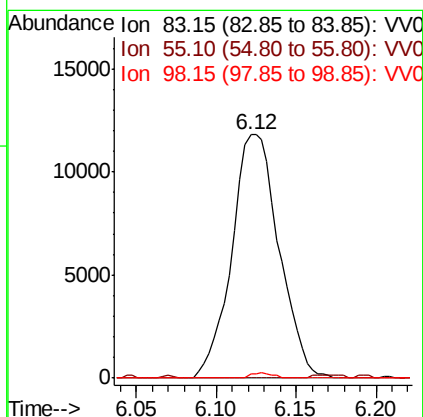
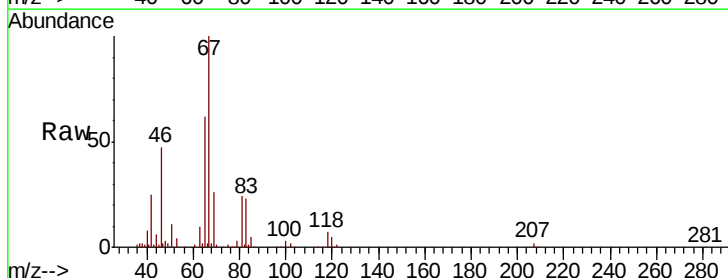
Instrument :
MSVOA_V
ClientSampleId :

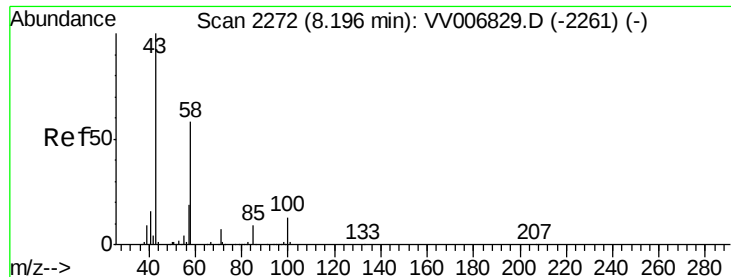
Tot Ion: 43 Resp: 7121
Ion Ratio Lower Upper
43 100
74 25.0 18.3 27.5



#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006838.D
Acq: 03 Aug 2018 05:46

Tgt Ion: 83 Resp: 23790
Ion Ratio Lower Upper
83 100
55 0.8 61.8 92.6#
98 1.0 37.2 55.8#

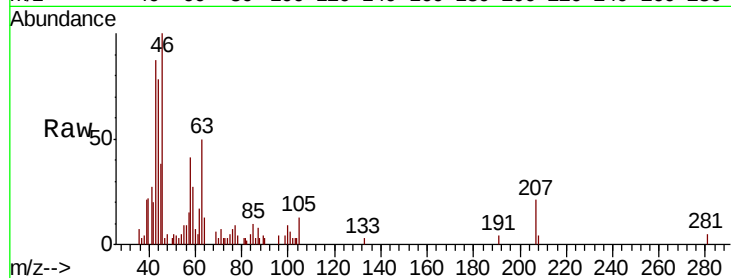




#48
 2-Hexanone
 Concen: 0.777 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006838.D
 Acq: 03 Aug 2018 05:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	67.3	45.4	68.0
57	13.9	15.4	23.2#
100	12.3	10.6	16.0



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

