

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007079.D
 Acq On : 20 Aug 2018 18:40
 Operator : SY/MD
 Sample : VV0820WBL02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Quant Time: Aug 21 05:47:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237581	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	232780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73124	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	71759	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.13	63	106735	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.97	46	242373	54.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.41	84	178563	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.09	65	89818	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	328630	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	114622	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.37	98	239788	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	33340	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.15	63	88837	30.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82638	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	87365	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

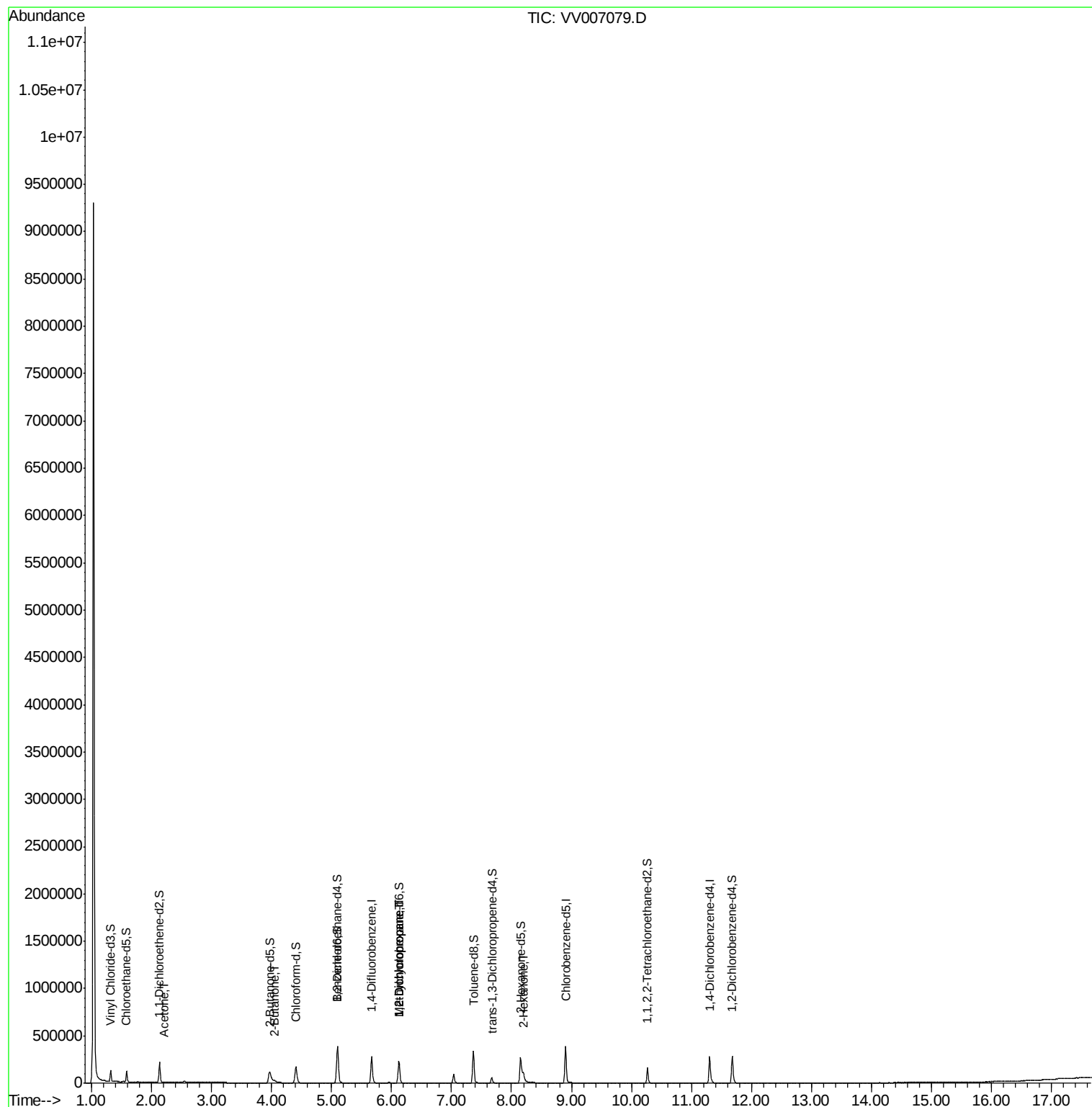
					Ovalue
13) Acetone	2.21	43	1095	0.482 ug/L	95
21) 2-Butanone	4.05	43	1022	0.207 ug/L #	73
35) Methylcyclohexane	6.12	83	26570	0.856 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	12119	0.549 ug/L #	87
48) 2-Hexanone	8.20	43	51808	6.160 ug/L	98

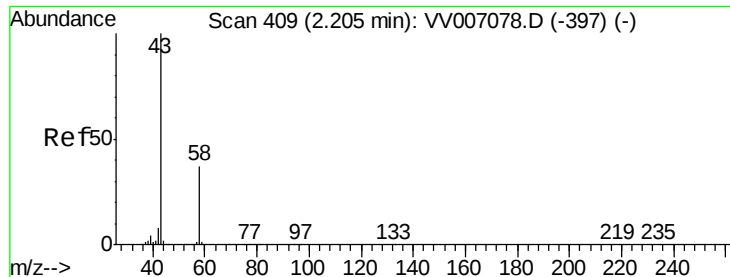
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.482 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007079.D

Acq: 20 Aug 2018 18:40

Instrument :

MSVOA_V

ClientSampleId :

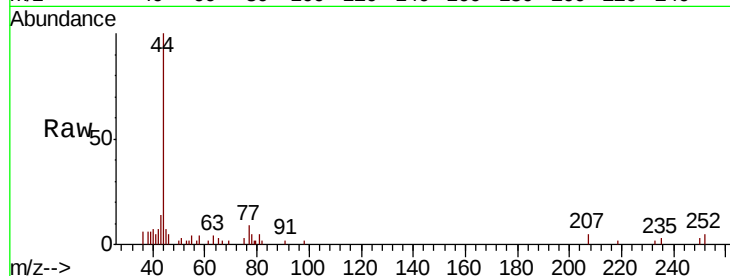
VBLK64

Tot Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 38.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-397) (-)

2.21

800

600

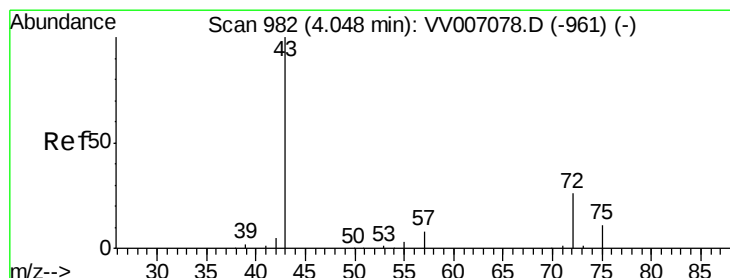
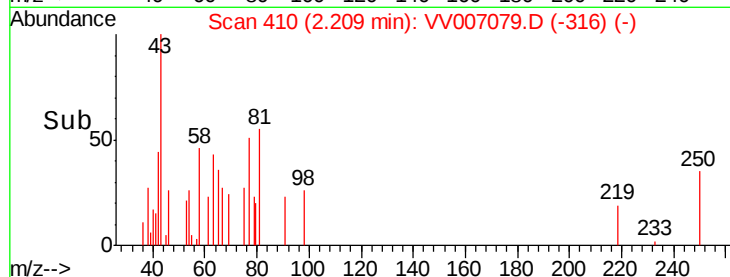
400

200

0

2.15 2.20 2.25

Time-->



#21

2-Butanone

Concen: 0.207 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007079.D

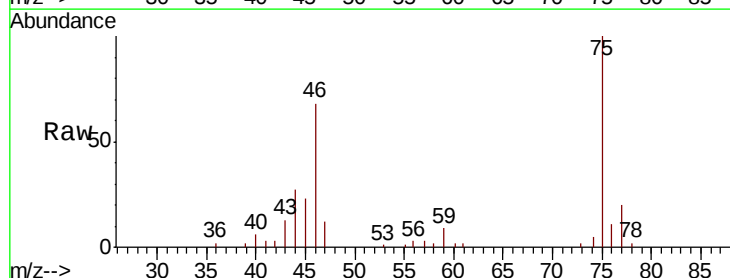
Acq: 20 Aug 2018 18:40

Tgt Ion: 43 Resp: 1022

Ion Ratio Lower Upper

43 100

72 11.3 12.4 37.2#



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV007078.D (-961) (-)

4.05

1200

1000

800

600

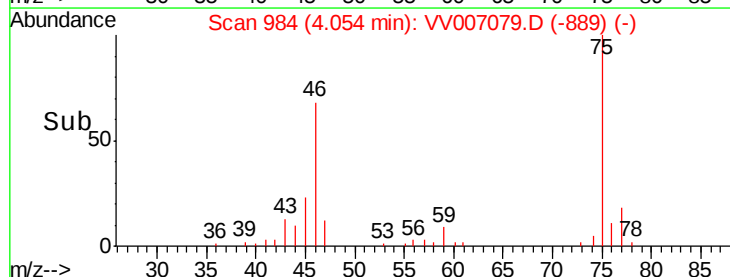
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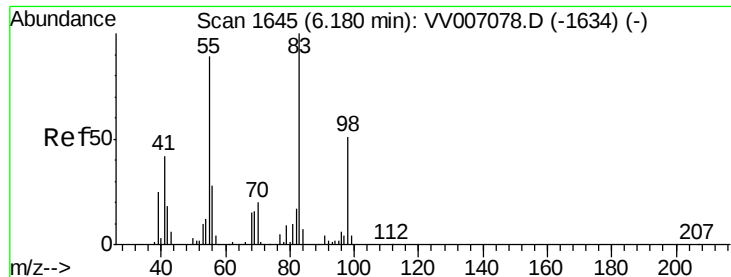
200

0

4.02 4.04 4.06 4.08

Time-->

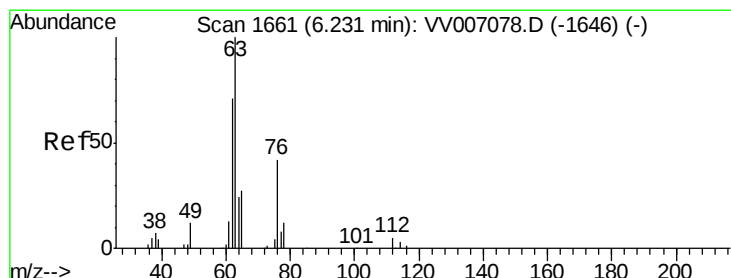
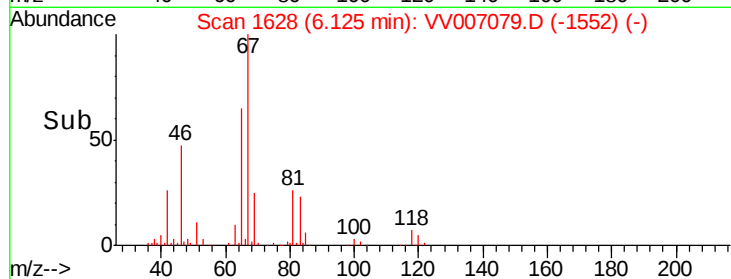
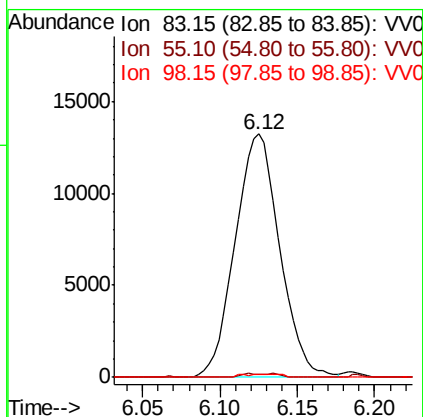
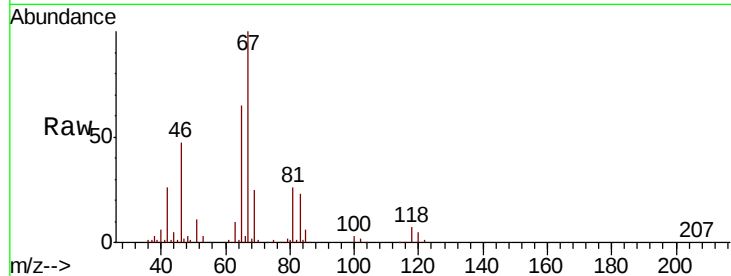




#35
Methvlcvclohexane
Concen: 0.856 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007079.D
Acq: 20 Aug 2018 18:40

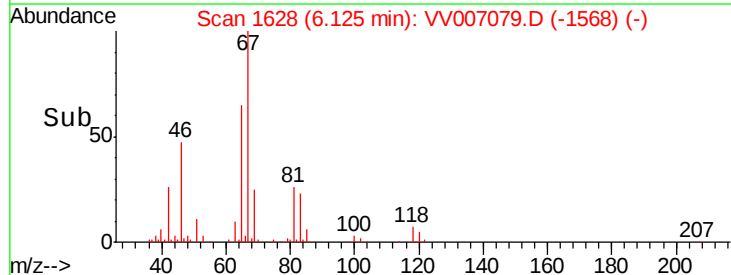
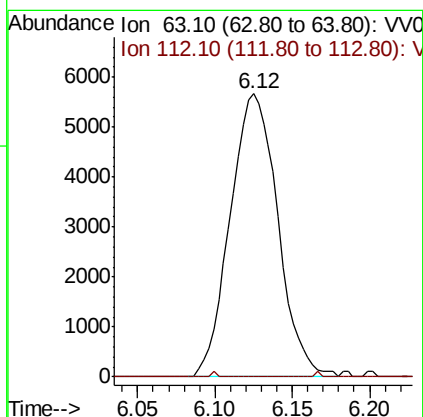
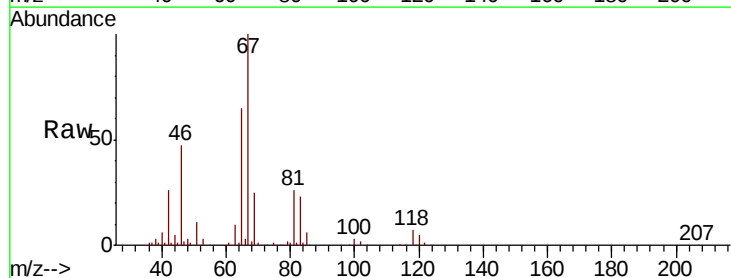
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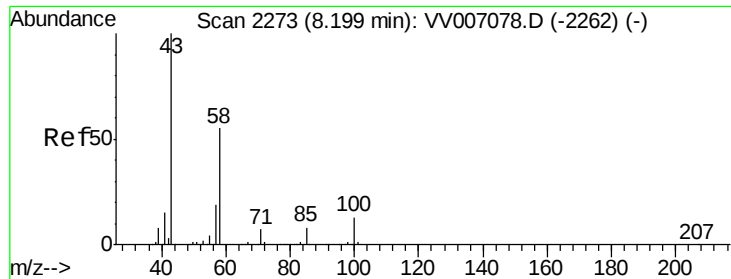
Tot Ion: 83 Resp: 26570
Ion Ratio Lower Upper
83 100
55 0.4 68.1 102.1#
98 1.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VV007079.D
Acq: 20 Aug 2018 18:40

Tgt Ion: 63 Resp: 12119
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#





#48
 2-Hexanone
 Concen: 6.160 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV007079.D
 Acq: 20 Aug 2018 18:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Tot Ion:	43	Resp:	51808
Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.2	66.2
57	18.5	14.8	22.2
100	9.3	8.8	13.2

