

Data File : VV012529.D
Acq On : 02 Sep 2019 15:18
Operator : SY/MD
Sample : K4607-02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD59

Quant Time: Sep 03 05:47:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	139017	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65750	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.59	69	65856	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	112427	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.96	46	127629	49.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.40	84	101717	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	56042	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	195031	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	62780	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	158538	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	19470	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	65312	38.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39042	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	51638	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

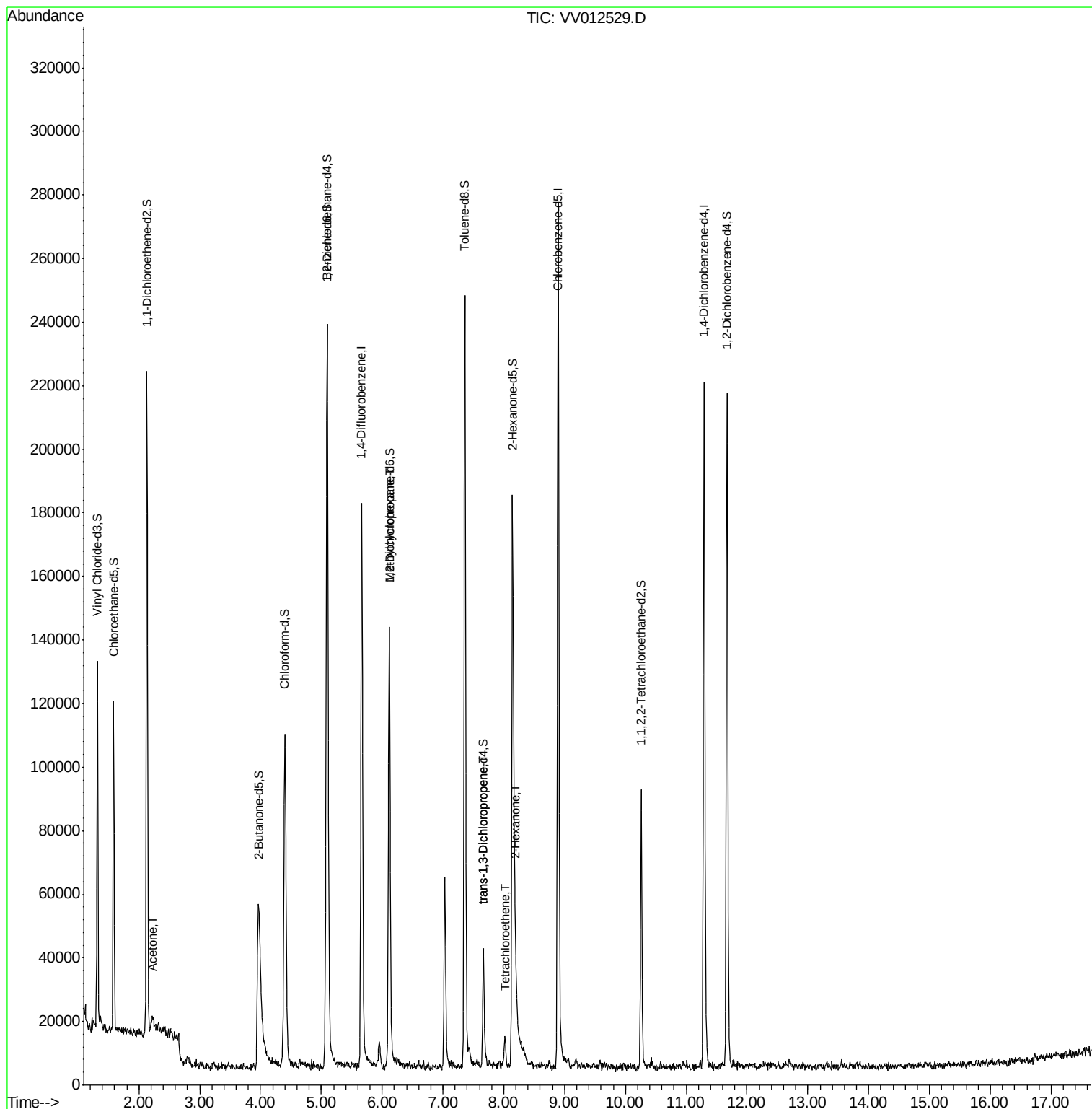
					Qvalue
13) Acetone	2.22	43	7866	2.155 ug/L	94
35) Methylcyclohexane	6.12	83	15201	0.629 ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	1173	0.074 ug/L	99
47) Tetrachloroethene	8.02	164	1811	0.158 ug/L	95
48) 2-Hexanone	8.19	43	8911	1.426 ug/L #	84

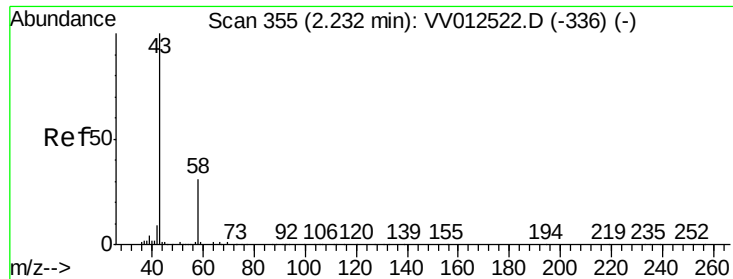
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.155 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

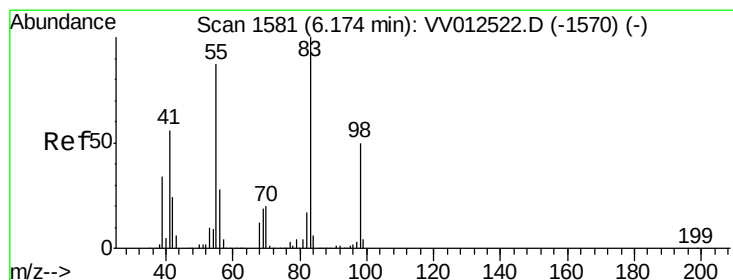
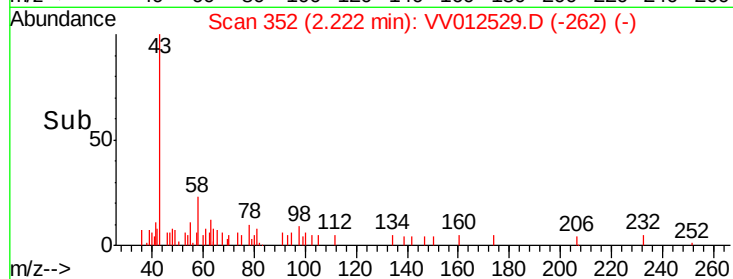
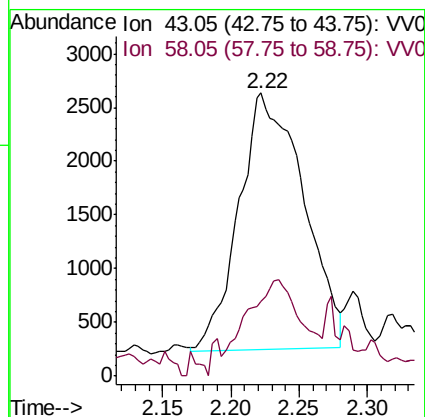
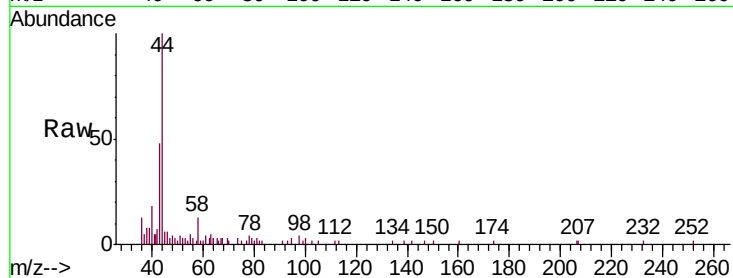
BFD59

Tgt Ion: 43 Resp: 7866

Ion Ratio Lower Upper

43 100

58 26.0 0.0 58.2



#35

Methylcyclohexane

Concen: 0.629 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

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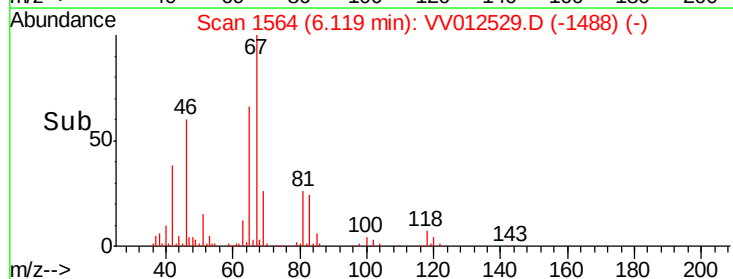
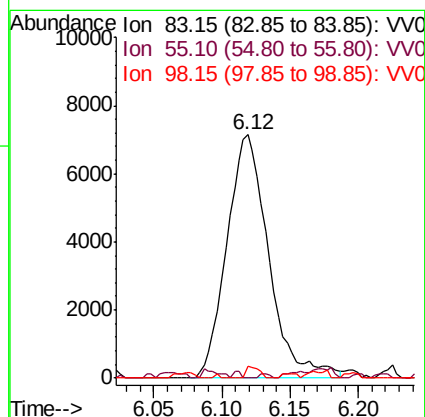
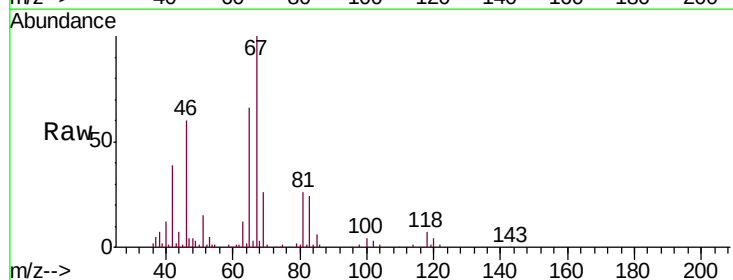
Tgt Ion: 83 Resp: 15201

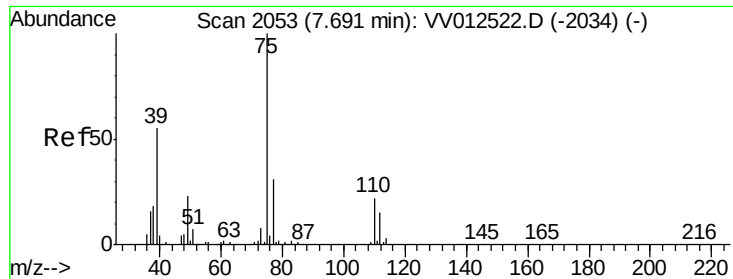
Ion Ratio Lower Upper

83 100

55 0.5 67.3 100.9#

98 1.4 37.4 56.2#

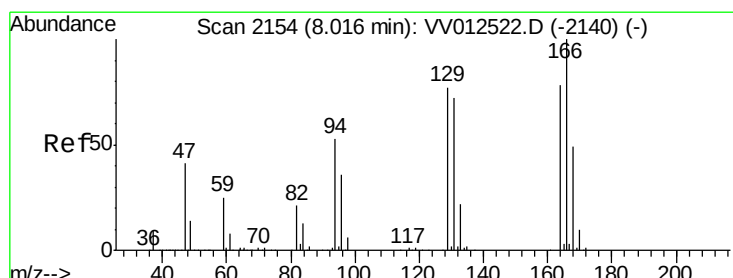
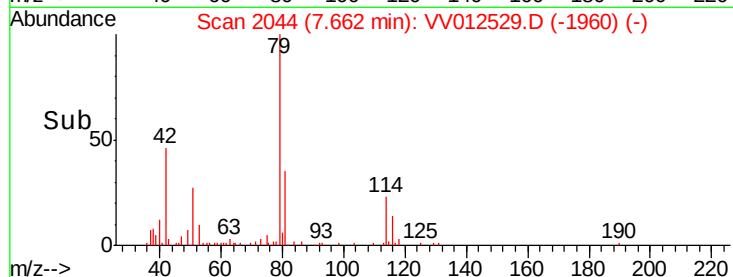
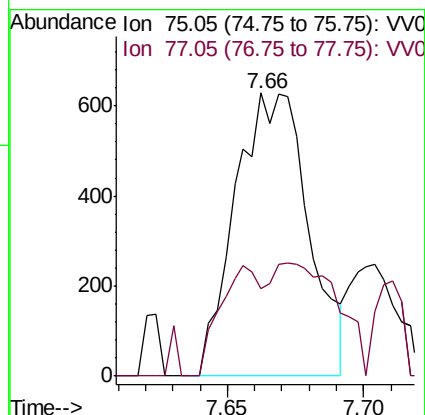
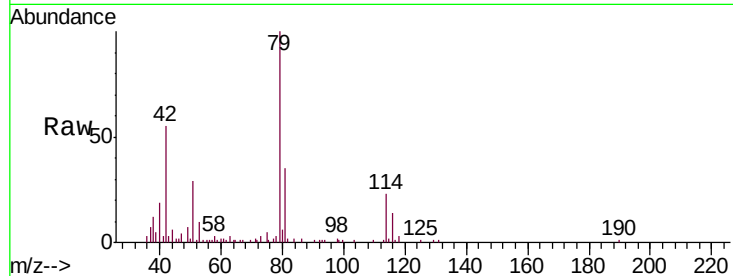




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
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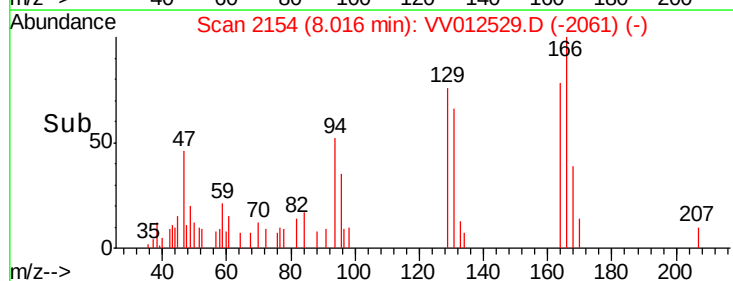
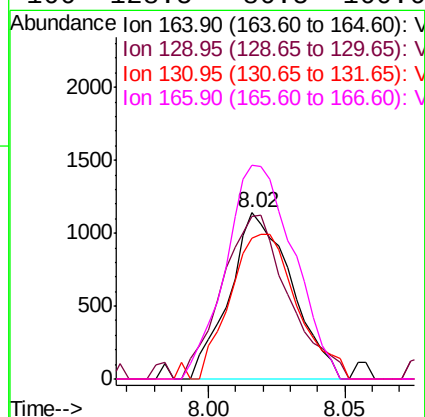
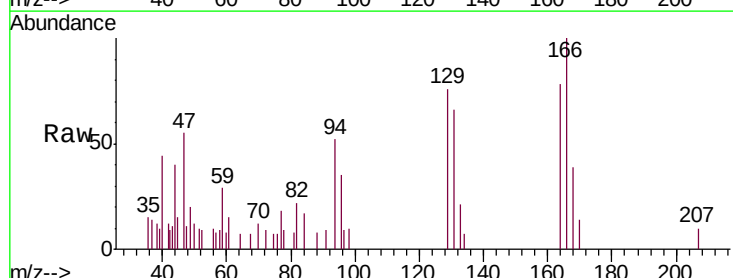
Instrument :
MSVOA_V
ClientSampled :
BFD59

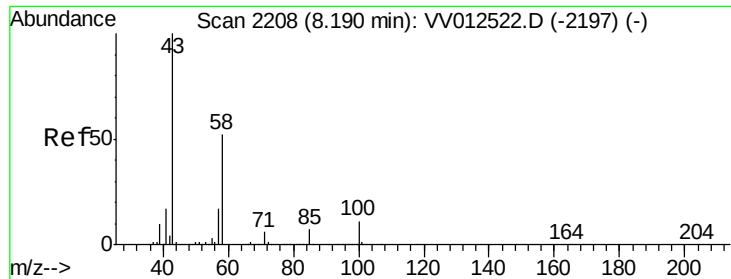
Tgt Ion: 75 Resp: 1173
Ion Ratio Lower Upper
75 100
77 30.9 22.2 41.2



#47
Tetrachloroethene
Concen: 0.158 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012529.D
Acq: 02 Sep 2019 15:18

Tgt Ion: 164 Resp: 1811
Ion Ratio Lower Upper
164 100
129 97.5 64.5 119.9
131 84.4 62.3 115.7
166 128.5 86.5 160.6





#48
 2-Hexanone
 Concen: 1.426 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV012529.D
 Acq: 02 Sep 2019 15:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD59

Tgt Ion: 43 Resp: 8911
 Ion Ratio Lower Upper
 43 100
 58 43.2 40.0 60.0
 57 0.0 13.4 20.2#
 100 8.1 8.2 12.2#

