

Data File : VV013555.D
Acq On : 08 Nov 2019 21:45
Operator : SY/MD
Sample : K5718-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9S8

Quant Time: Nov 08 22:55:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 08 22:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367733	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82622	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.58	69	75393	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	103077	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.92	46	303344	54.60	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.20%
24) Chloroform-d	4.40	84	205478	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.08	65	115093	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	372066	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	135746	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	289196	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.66	79	45746	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.13	63	176581	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96117	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	150179	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

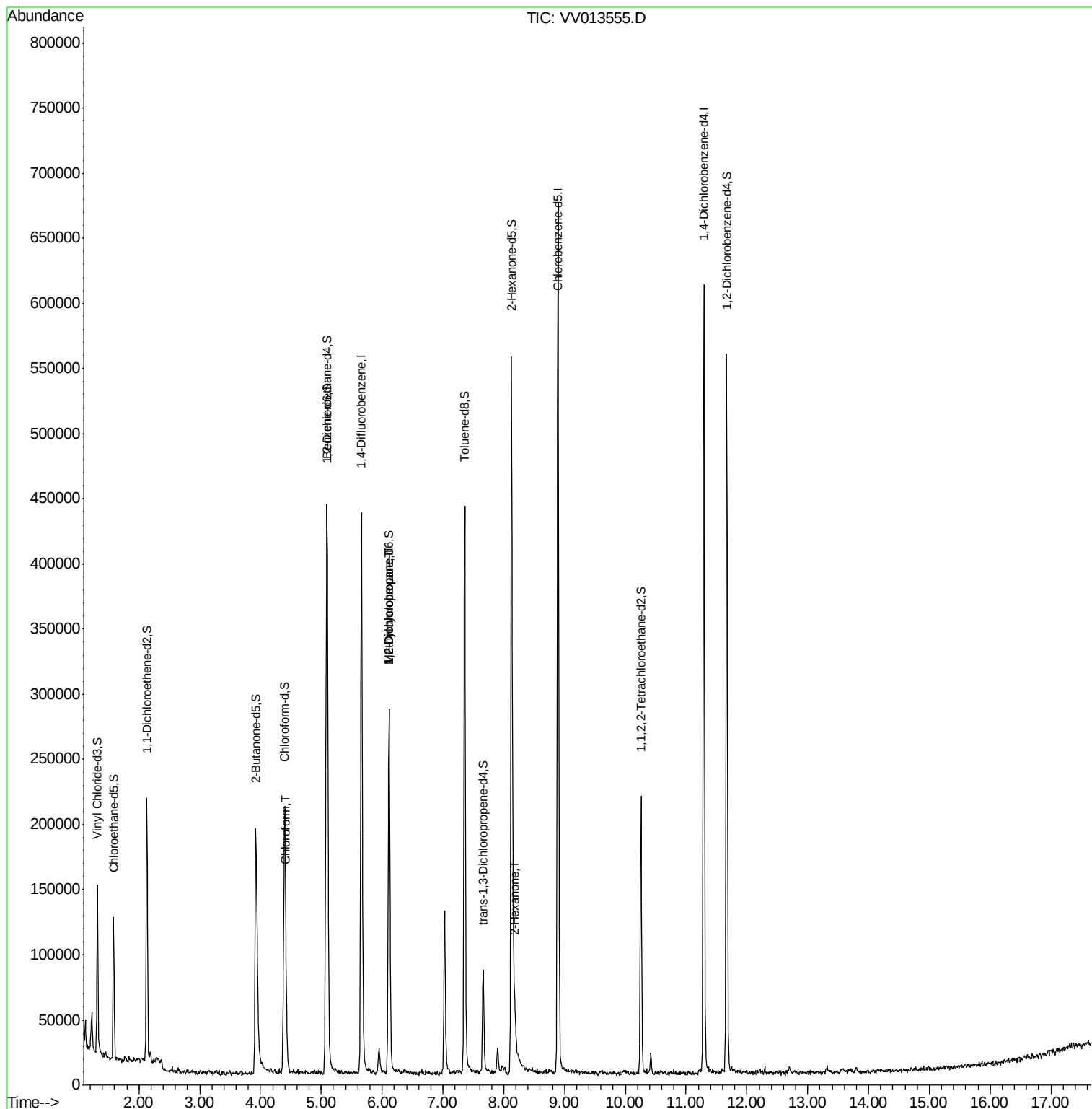
Target Compounds					Qvalue
25) Chloroform	4.42	83	16646	0.298 ug/L	96
35) Methylcyclohexane	6.11	83	32688	0.685 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	14902	0.520 ug/L #	86
48) 2-Hexanone	8.18	43	22679	1.944 ug/L #	93

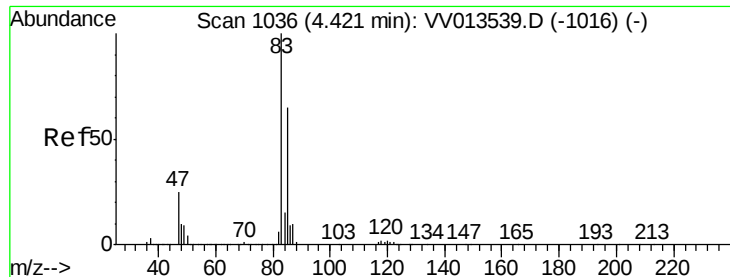
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.298 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

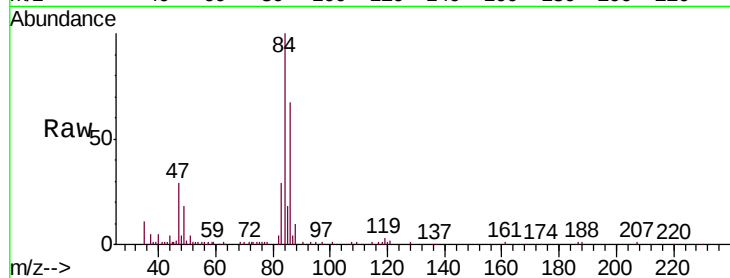
BE9S8

Tgt Ion: 83 Resp: 16646

Ion Ratio Lower Upper

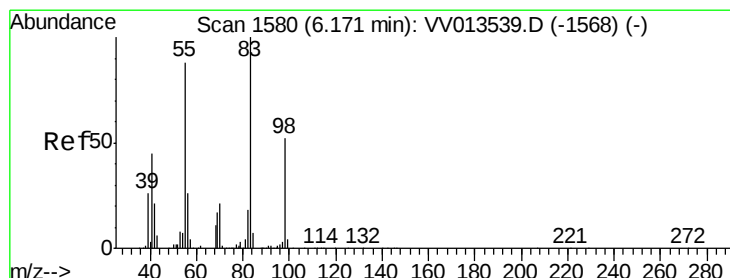
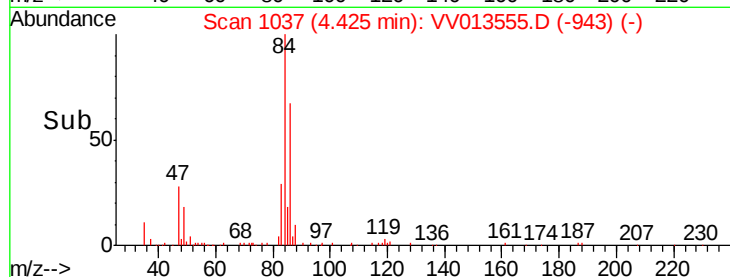
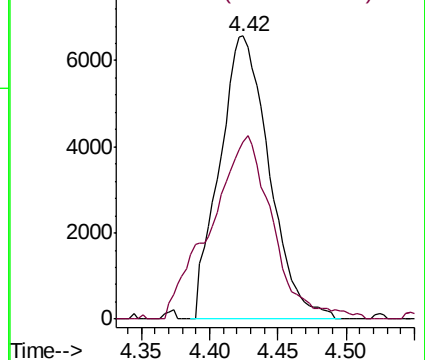
83 100

85 62.8 46.3 86.1



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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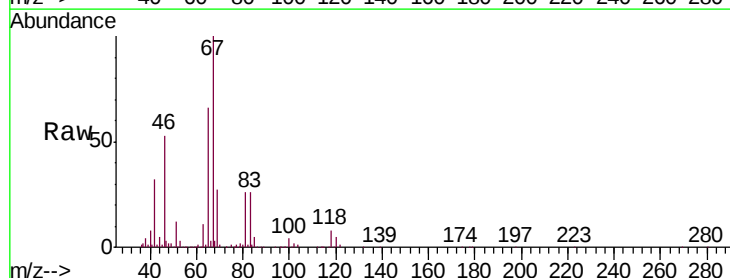
Tgt Ion: 83 Resp: 32688

Ion Ratio Lower Upper

83 100

55 1.1 63.8 95.8#

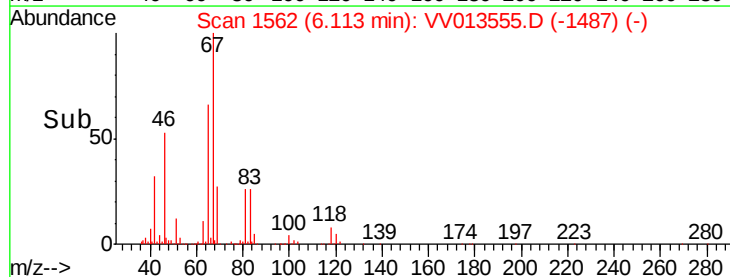
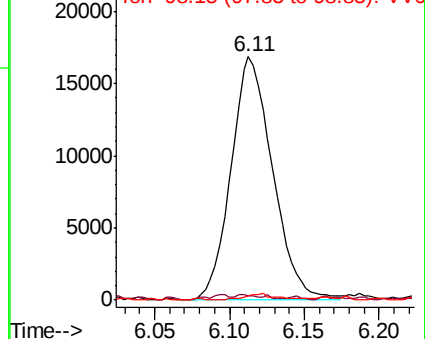
98 1.8 38.4 57.6#

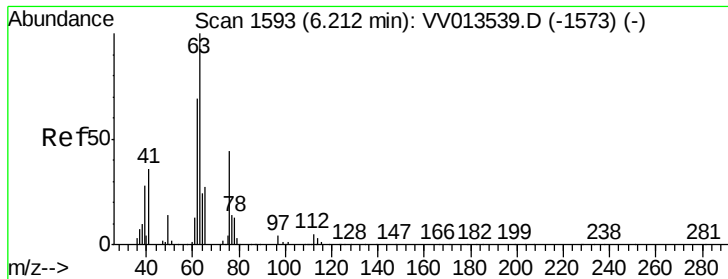


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

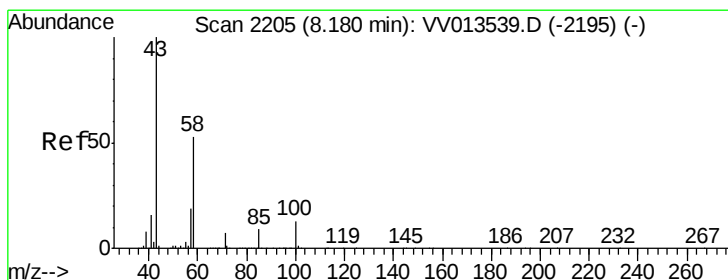
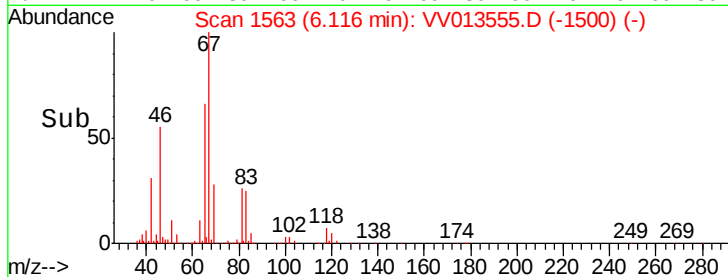
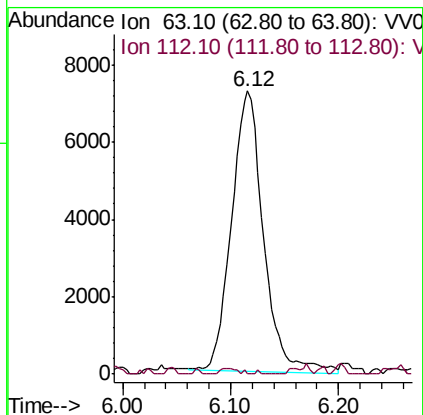
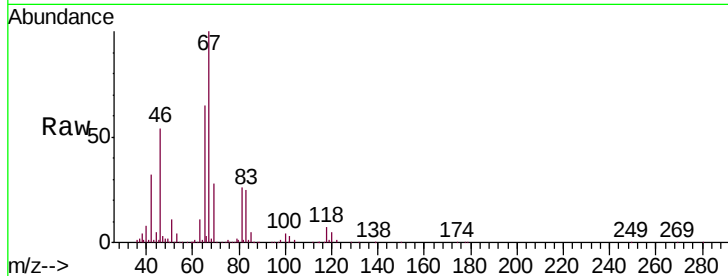




#37
 1,2-Dichloropropane
 Concen: 0.520 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 14902
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.8 5.6#



#48
 2-Hexanone
 Concen: 1.944 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VV013555.D
 Acq: 08 Nov 2019 21:45

Tgt Ion: 43 Resp: 22679
 Ion Ratio Lower Upper
 43 100
 58 48.6 43.8 65.8
 57 19.7 15.0 22.6
 100 8.9 9.8 14.6#

