

Data File : VV011244.D
Acq On : 06 Jun 2019 14:54
Operator : SY/MD
Sample : K3197-15RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P71

Quant Time: Jun 07 01:32:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	183476	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54872	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.56	69	44145	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.12	63	86841	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.94	46	124962	39.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.84%
24) Chloroform-d	4.40	84	97136	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.08	65	52861	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.09	84	200131	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.11	67	61308	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.36	98	181628	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.66	79	20401	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.13	63	102729	40.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40103	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	57981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

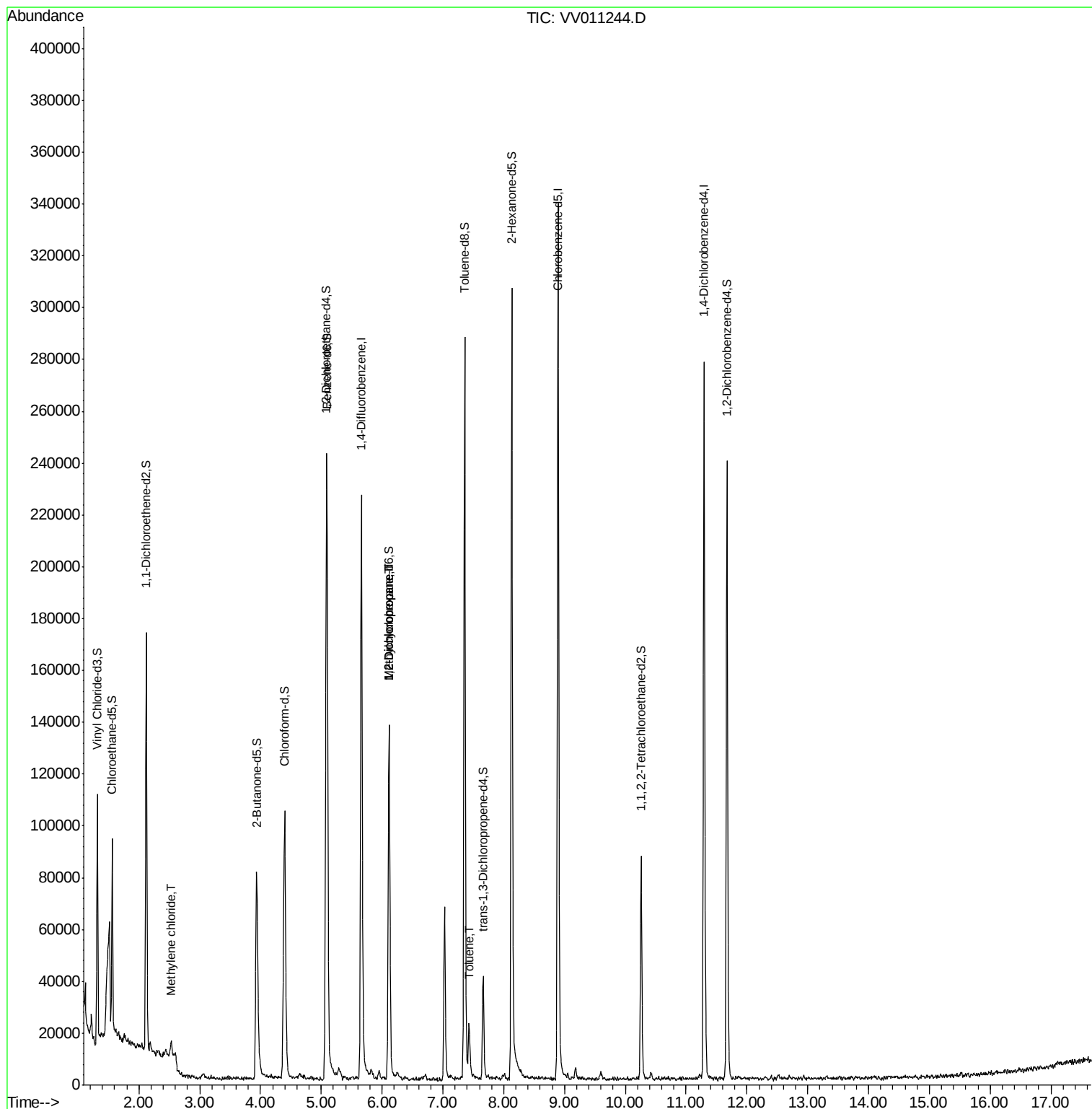
Target Compounds					Qvalue
16) Methylene chloride	2.53	84	2280	0.191 ug/L	90
35) Methylcyclohexane	6.12	83	14785	0.634 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	7704	0.567 ug/L #	88
42) Toluene	7.43	91	11633	0.200 ug/L	94

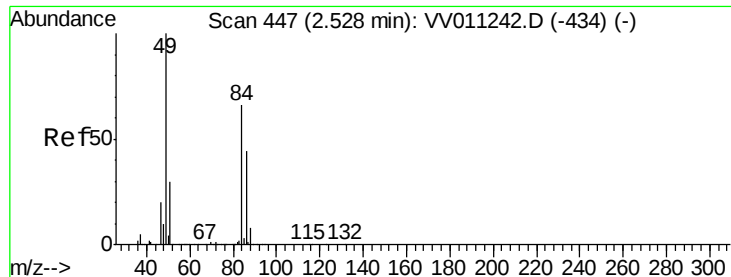
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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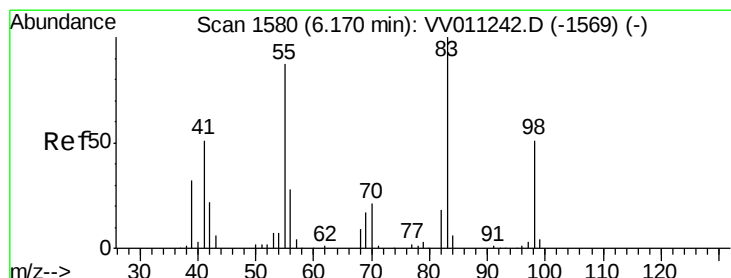
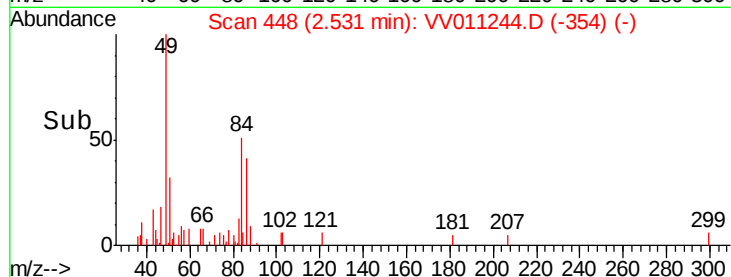
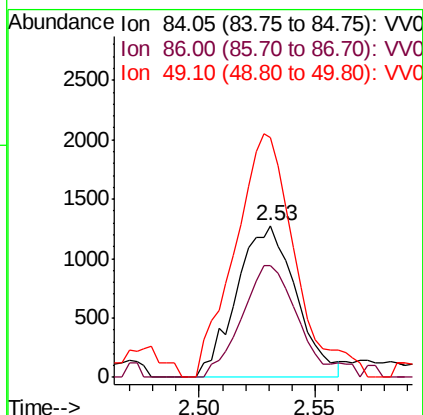
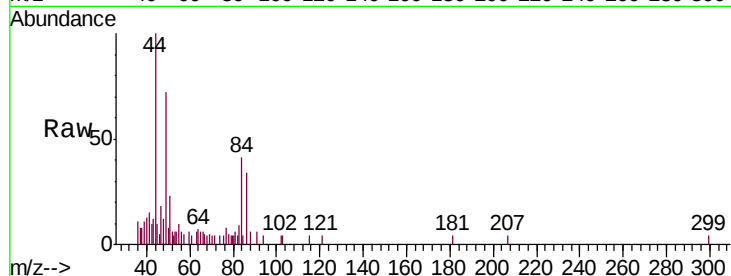




#16
Methylene chloride
Concen: 0.191 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV011244.D
Acq: 06 Jun 2019 14:54

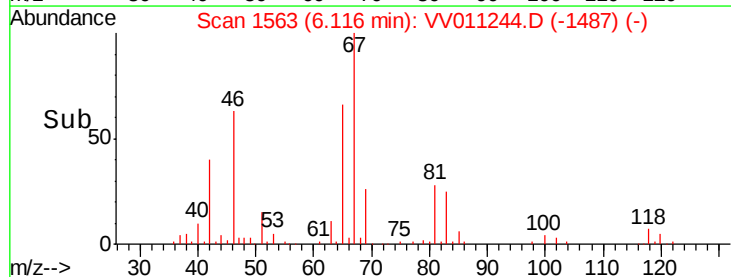
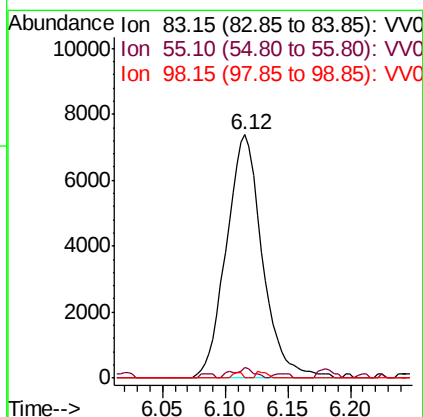
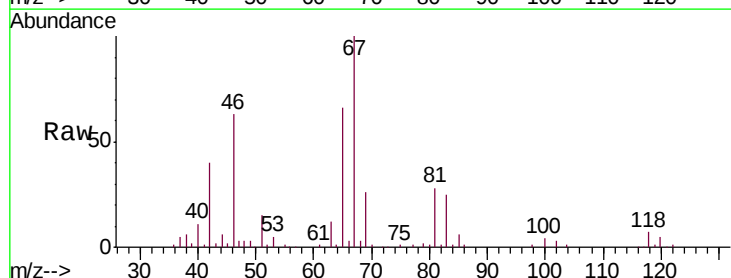
Instrument :
MSVOA_V
ClientSampled :
F9P71

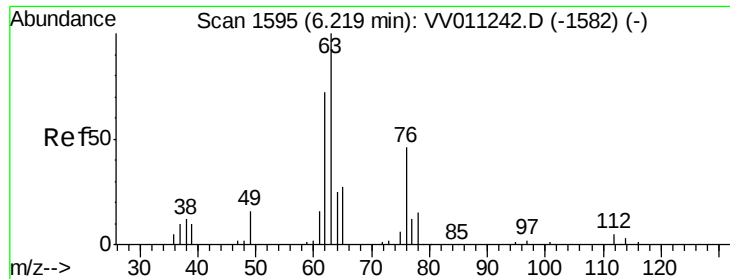
Tgt Ion: 84 Resp: 2280
Ion Ratio Lower Upper
84 100
86 73.8 44.9 83.3
49 157.6 102.1 189.5



#35
Methylcyclohexane
Concen: 0.634 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011244.D
Acq: 06 Jun 2019 14:54

Tgt Ion: 83 Resp: 14785
Ion Ratio Lower Upper
83 100
55 2.4 67.0 100.6#
98 0.6 40.0 60.0#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011244.D

Acq: 06 Jun 2019 14:54

Instrument :

MSVOA_V

ClientSampleId :

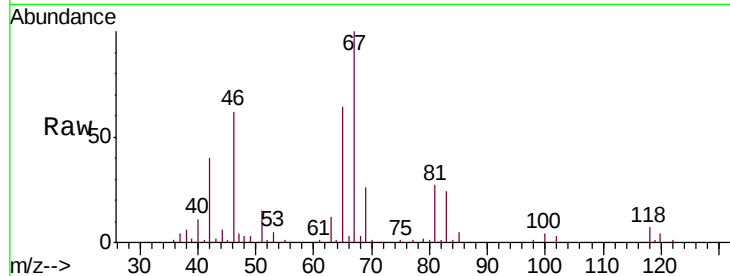
F9P71

Tgt Ion: 63 Resp: 7704

Ion Ratio Lower Upper

63 100

112 0.5 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV011242.D (-1582) (-)

Ion 112.10 (111.80 to 112.80): VV011242.D (-1582) (-)

6.11

4000

3000

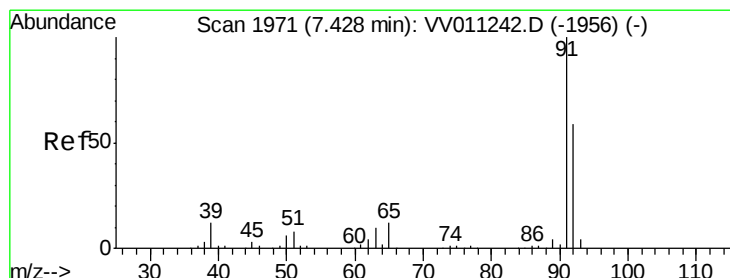
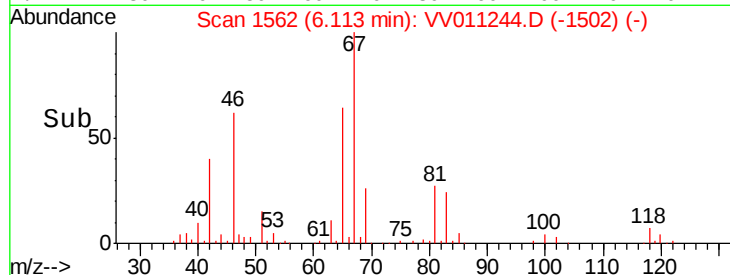
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#42

Toluene

Concen: 0.200 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

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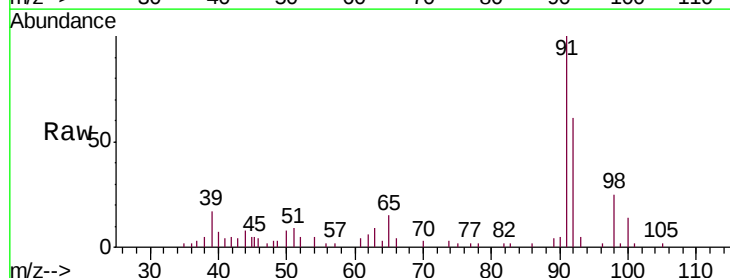
Acq: 06 Jun 2019 14:54

Tgt Ion: 91 Resp: 11633

Ion Ratio Lower Upper

91 100

92 61.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011242.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011242.D (-1956) (-)

7.43

6000

4000

2000

0

7.35 7.40 7.45 7.50

Time-->

