

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031337.D
 Acq On : 19 Apr 2019 05:14
 Operator : JC/SP
 Sample : K2451-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 19 07:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231970	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234324	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92359	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.68	69	76932	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.27	63	140280	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.20	46	284482	56.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.80%
24) Chloroform-d	4.64	84	175720	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.31	65	95115	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.34	84	329480	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	114757	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	255000	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.86	79	35768	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	186520	49.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93148	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	85723	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

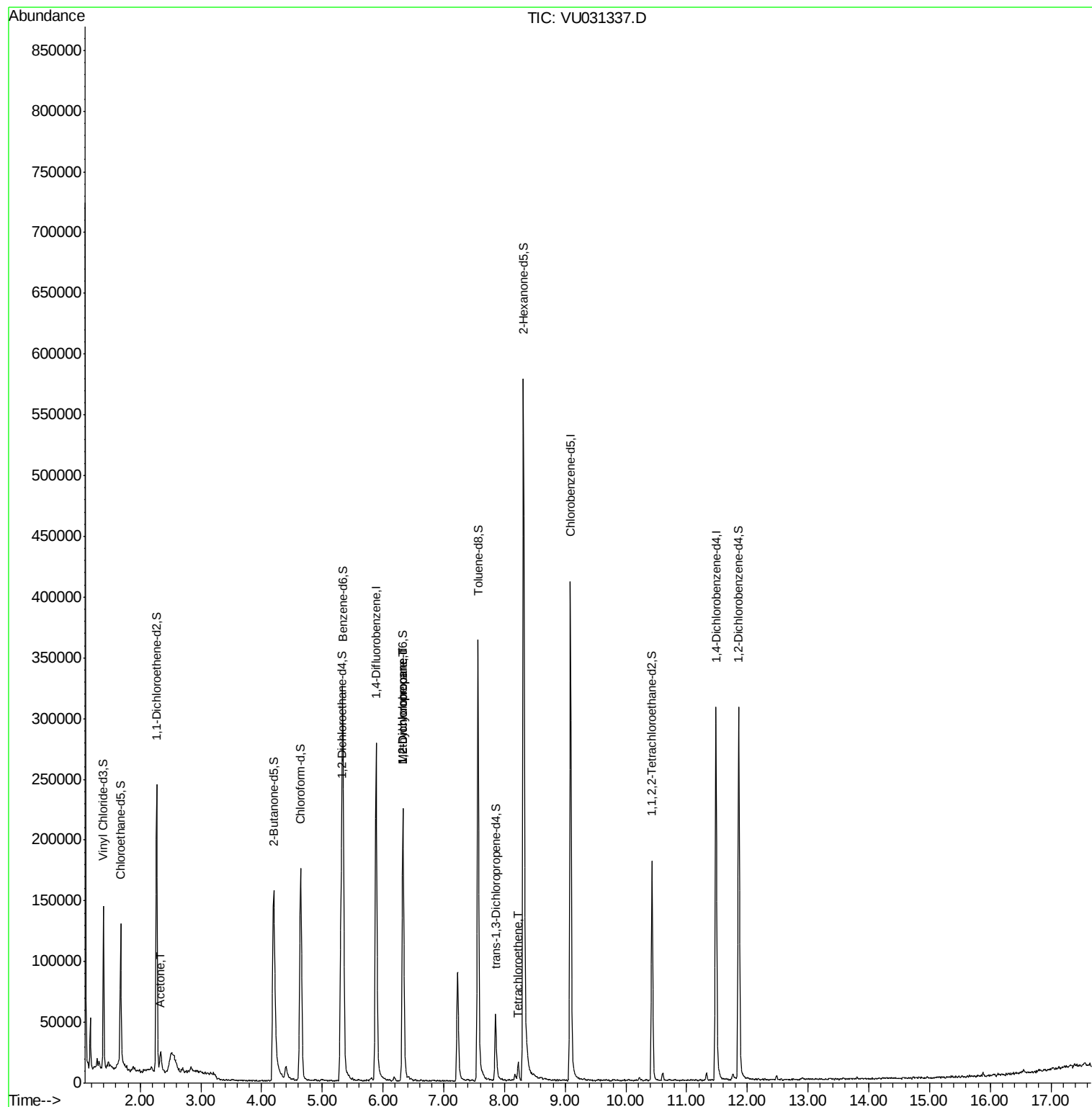
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.34	43	16061	2.888	ug/L	97
35) Methylcyclohexane	6.32	83	25837	0.873	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	12144	0.579	ug/L #	88
47) Tetrachloroethene	8.23	164	3292	0.206	ug/L	91

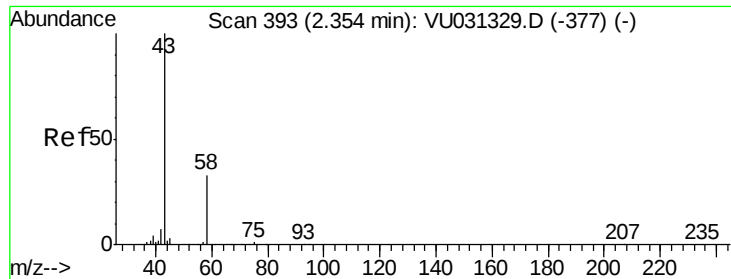
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.888 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031337.D

Acq: 19 Apr 2019 05:14

Instrument :

MSVOA_U

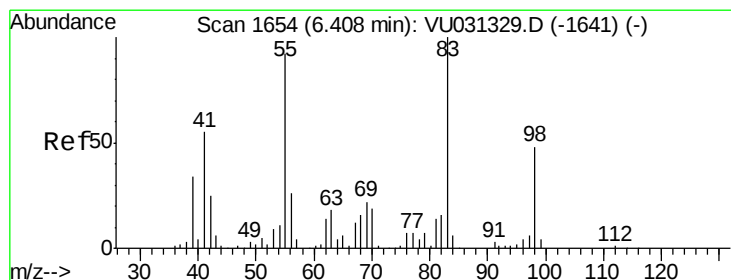
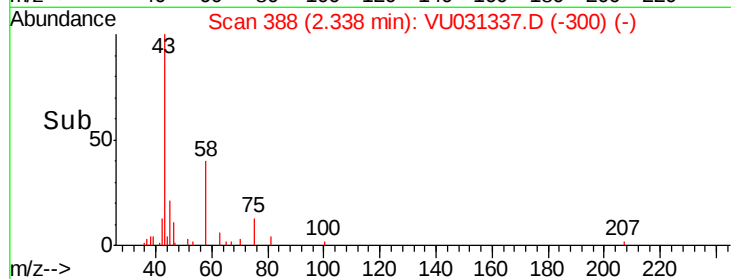
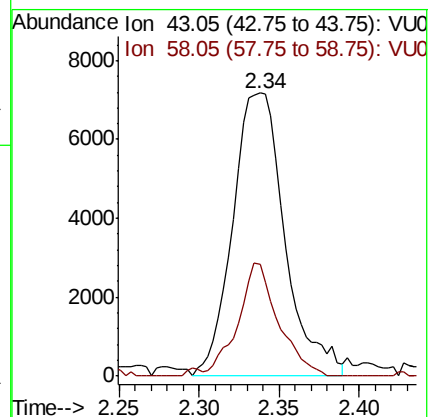
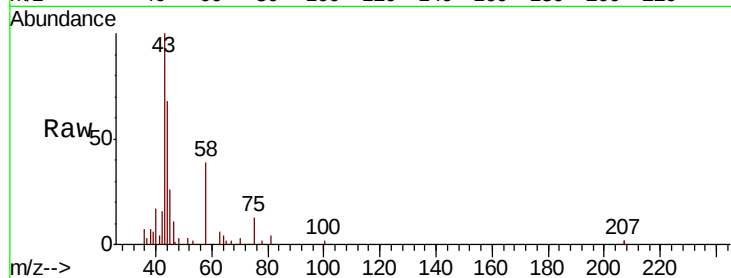
ClientSampleId :

Tot Ion: 43 Resp: 16061

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.4



#35

Methylcyclohexane

Concen: 0.873 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU031337.D

Acq: 19 Apr 2019 05:14

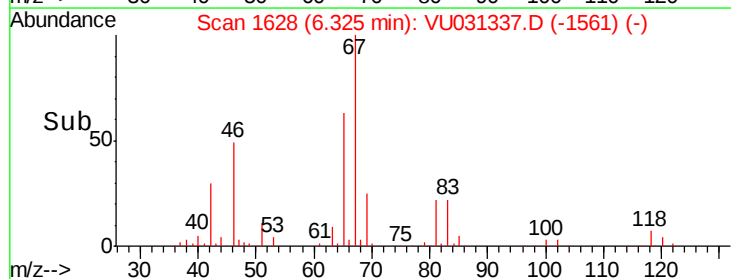
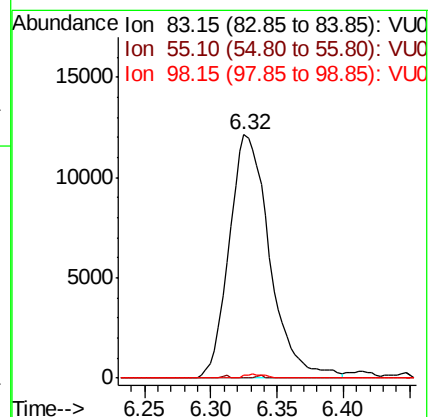
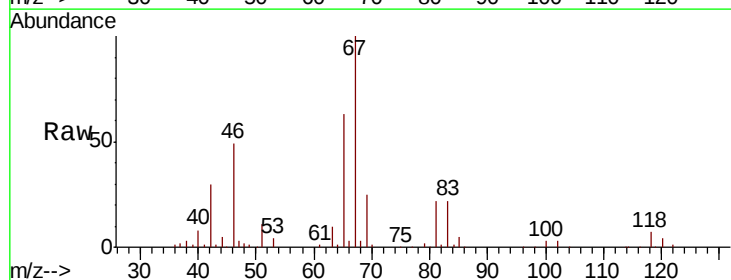
Tgt Ion: 83 Resp: 25837

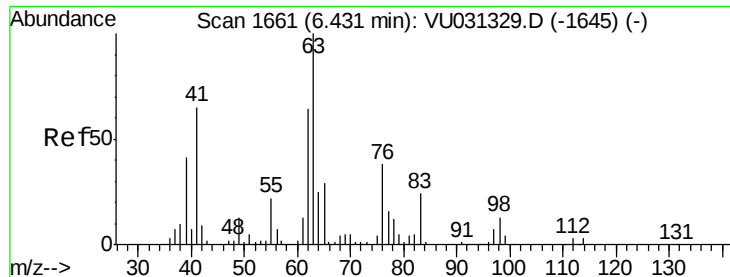
Ion Ratio Lower Upper

83 100

55 0.2 70.6 105.8#

98 0.8 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU031337.D

Acq: 19 Apr 2019 05:14

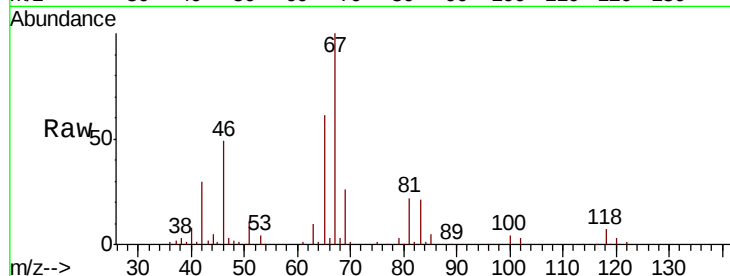
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 63 Resp: 12144

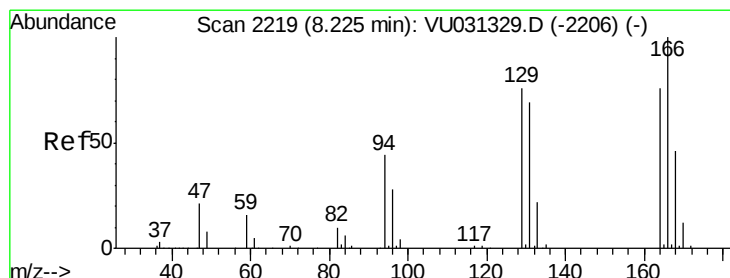
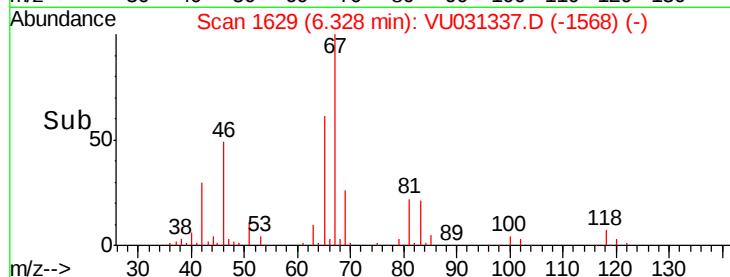
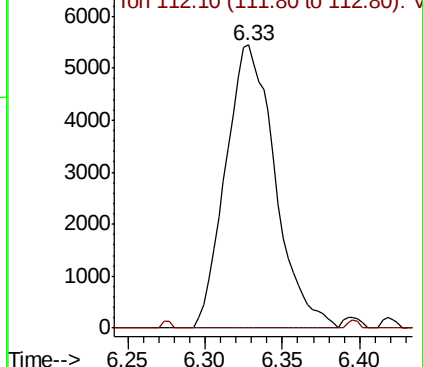
Ion Ratio Lower Upper

63 100

112 0.4 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU031337.D (-1568) (-)



#47

Tetrachloroethene

Concen: 0.206 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031337.D

Acq: 19 Apr 2019 05:14

Tgt Ion:164 Resp: 3292

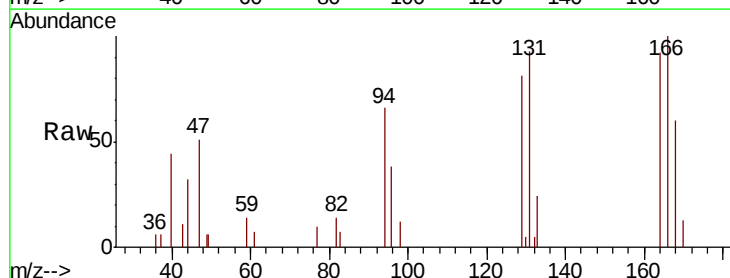
Ion Ratio Lower Upper

164 100

129 87.4 61.9 114.9

131 101.1 61.5 114.3

166 108.4 84.6 157.0



Abundance Ion 163.90 (163.60 to 164.60): VU031337.D (-2126) (-)

Ion 128.95 (128.65 to 129.65): VU031337.D (-2126) (-)

Ion 130.95 (130.65 to 131.65): VU031337.D (-2126) (-)

Ion 165.90 (165.60 to 166.60): VU031337.D (-2126) (-)

