

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007428.D
 Acq On : 06 Sep 2018 18:42
 Operator : SY/MD
 Sample : J4719-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 01:34:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 01:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	517465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	511025	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	194305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163796	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.56	69	126382	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	217379	33.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.78%
21) 2-Butanone-d5	3.96	46	200155	66.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.57%
24) Chloroform-d	4.41	84	318057	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.09	65	201771	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.50%
32) Benzene-d6	5.10	84	644540	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
36) 1,2-Dichloropropane-d6	6.13	67	214705	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.20%
41) Toluene-d8	7.36	98	521298	39.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.64%#
43) trans-1,3-Dichloropropene-	7.67	79	85600	38.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.88%
47) 2-Hexanone-d5	8.14	63	136379	67.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	286213	40.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	194294	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%

Target Compounds

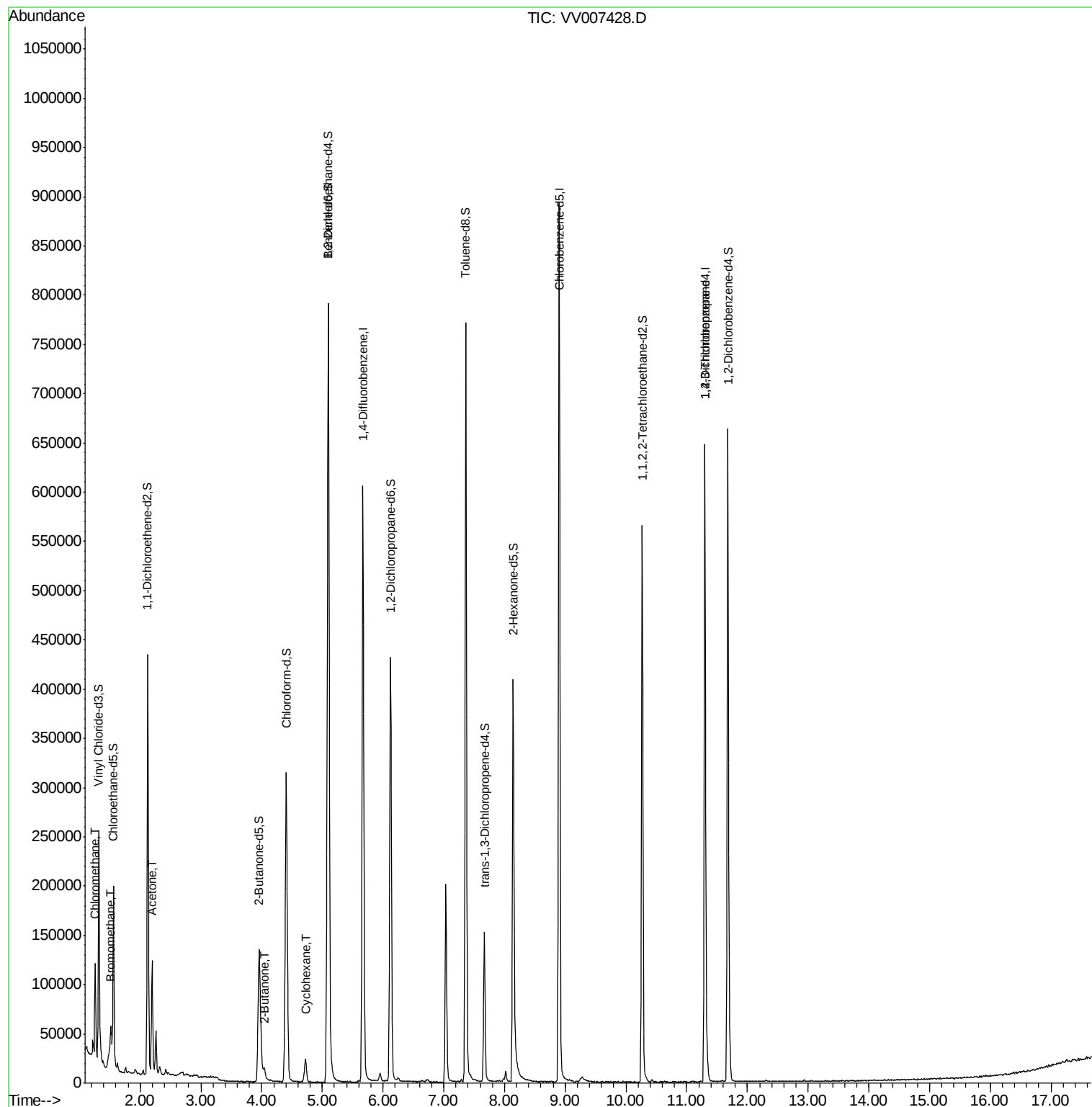
					Ovalue
3) Chloromethane	1.26	50	78871	18.104	ug/L 95
6) Bromomethane	1.51	94	6466	3.038	ug/L 100
13) Acetone	2.20	43	104274	58.243	ug/L 98
22) 2-Butanone	4.05	43	13727	4.578	ug/L 99
29) Cyclohexane	4.72	56	10064	1.776	ug/L 94
59) 1,2,3-Trichloropropane	11.30	75	21601	4.043	ug/L 91

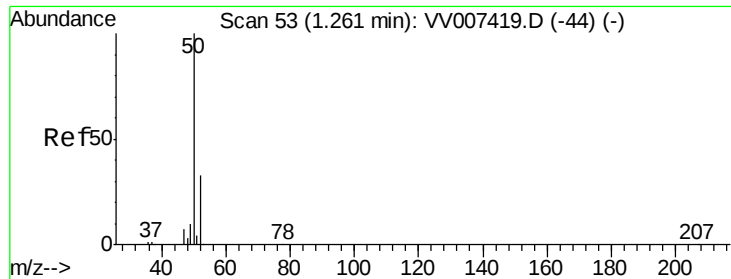
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 07 01:29:25 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 18.104 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007428.D

Acq: 06 Sep 2018 18:42

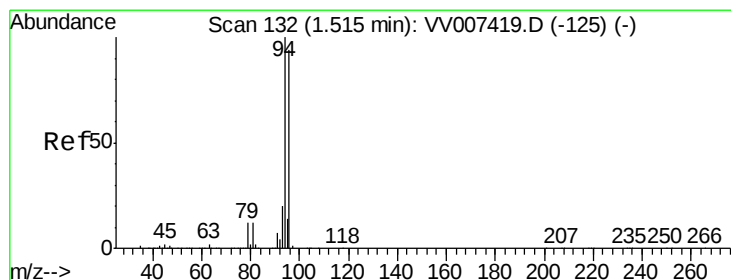
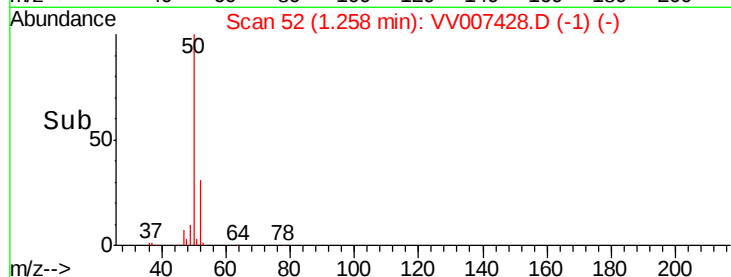
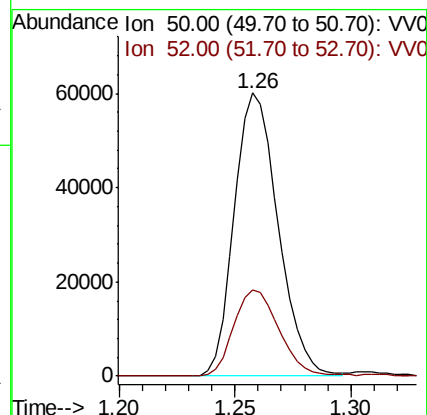
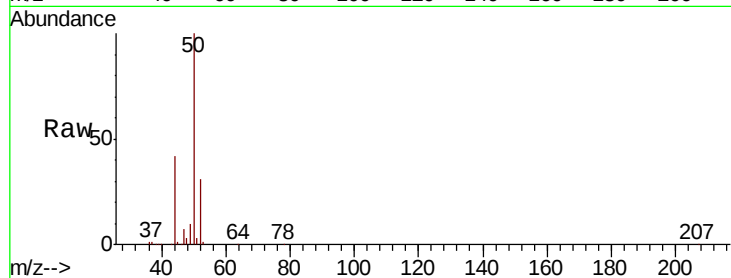
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 78871

Ion Ratio Lower Upper

50 100

52 30.6 23.2 43.2



#6

Bromomethane

Concen: 3.038 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV007428.D

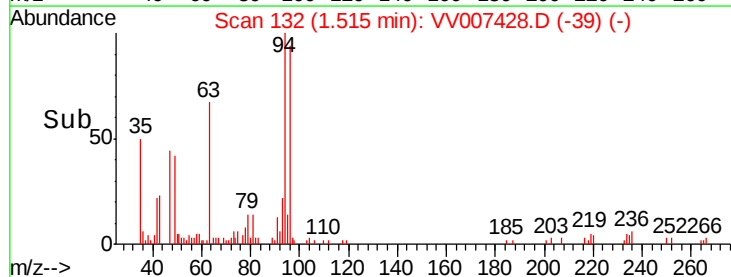
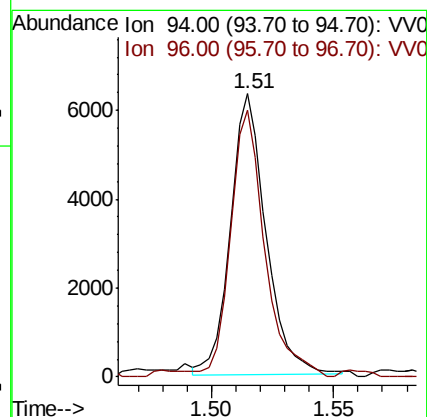
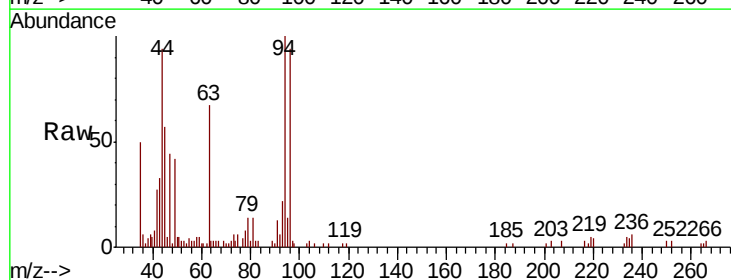
Acq: 06 Sep 2018 18:42

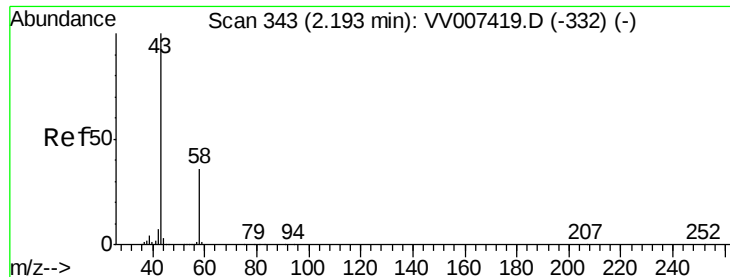
Tgt Ion: 94 Resp: 6466

Ion Ratio Lower Upper

94 100

96 94.4 65.9 122.5





#13

Acetone

Concen: 58.243 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007428.D

Acq: 06 Sep 2018 18:42

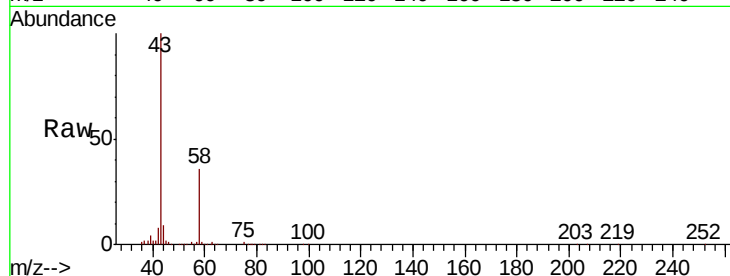
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 104274

Ion Ratio Lower Upper

43 100

58 36.7 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007419.D (-332) (-)

2.20

80000

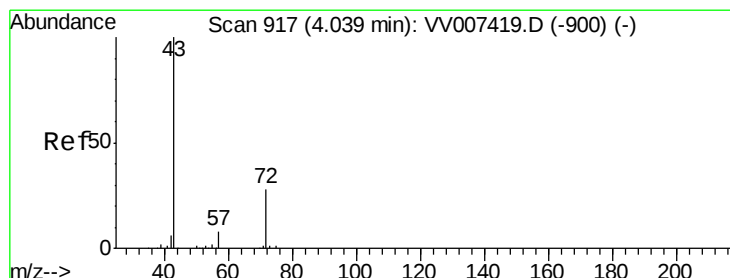
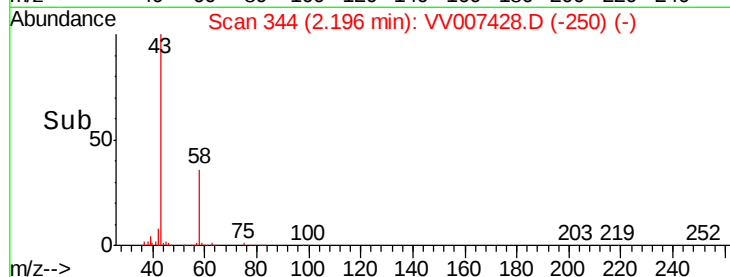
60000

40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#22

2-Butanone

Concen: 4.578 ug/L

RT: 4.05 min Scan# 919

Delta R.T. 0.01 min

Lab File: VV007428.D

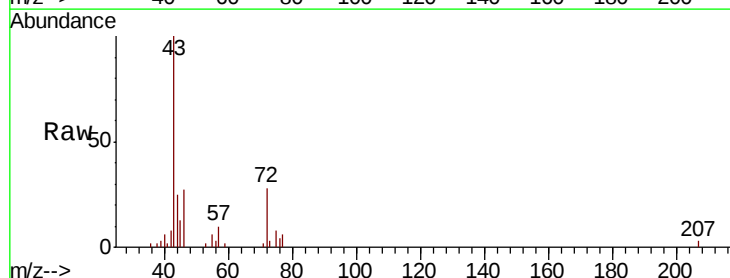
Acq: 06 Sep 2018 18:42

Tgt Ion: 43 Resp: 13727

Ion Ratio Lower Upper

43 100

72 27.2 13.8 41.3



Abundance Ion 43.00 (42.70 to 43.70): VV007419.D (-900) (-)

Ion 72.00 (71.70 to 72.70): VV007419.D (-900) (-)

4.05

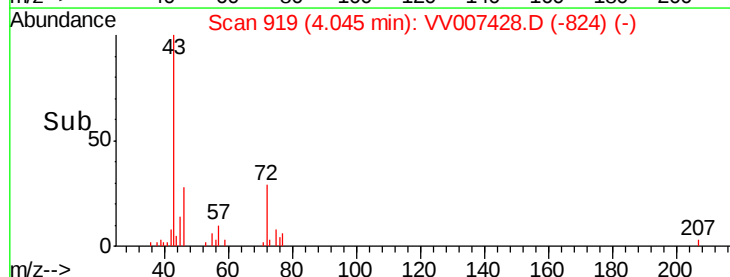
6000

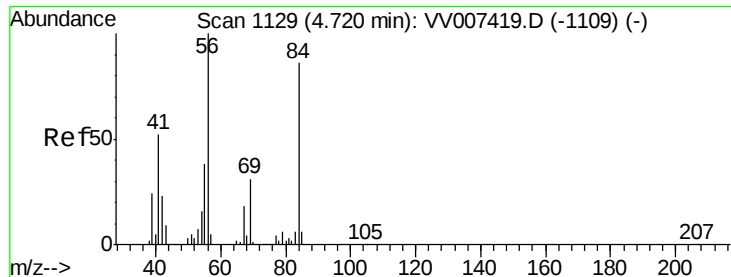
4000

2000

0

Time--> 4.00 4.05 4.10 4.15

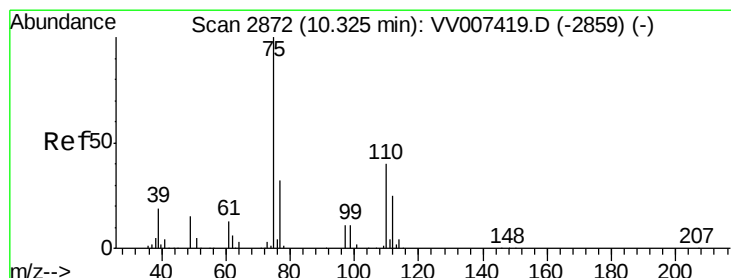
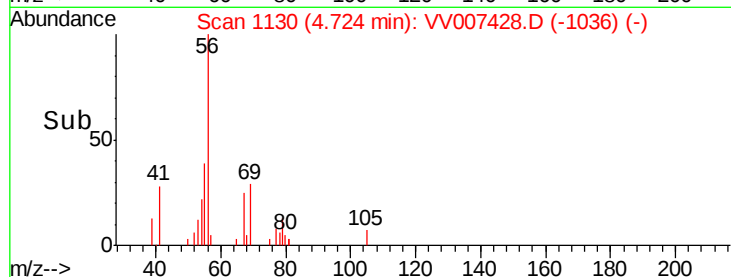
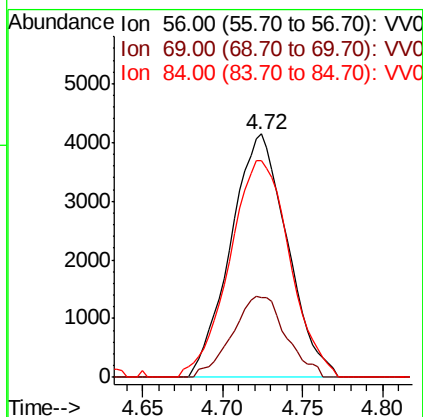
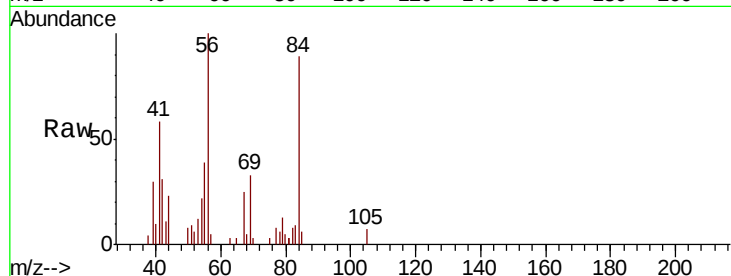




#29
Cyclohexane
Concen: 1.776 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. 0.00 min
Lab File: VV007428.D
Acq: 06 Sep 2018 18:42

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 56 Resp: 10064
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 94.8 70.6 105.8



#59
1,2,3-Trichloropropane
Concen: 4.043 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.97 min
Lab File: VV007428.D
Acq: 06 Sep 2018 18:42

Tgt Ion: 75 Resp: 21601
Ion Ratio Lower Upper
75 100
77 36.8 25.5 38.3

