

Data File : VV012604.D
Acq On : 06 Sep 2019 18:15
Operator : SY/MD
Sample : K4703-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD84

Quant Time: Sep 07 01:09:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132156	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44931	5.00	ug/L	0.00

System Monitoring Compounds

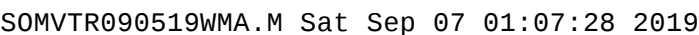
4) Vinyl Chloride-d3	1.32	65	57053	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	59217	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	91195	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.96	46	160973	66.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.56%#
24) Chloroform-d	4.40	84	95528	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.08	65	57765	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.60%
32) Benzene-d6	5.10	84	172770	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	59437	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.36	98	130344	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.67	79	16531	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	80867	54.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45608	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	43875	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

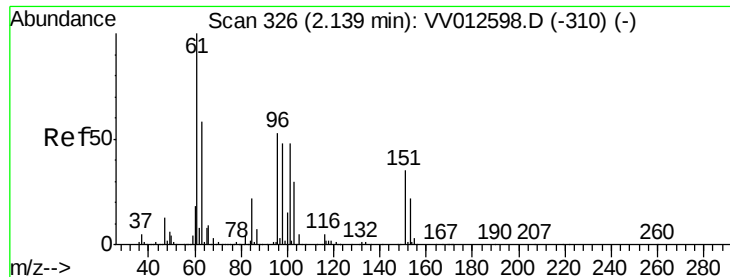
Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1196	0.073	ug/L #	40
13) Acetone	2.22	43	7673	2.624	ug/L	85
25) Chloroform	4.42	83	3071	0.118	ug/L #	65
35) Methylcyclohexane	6.12	83	14196	0.693	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7353	0.570	ug/L #	89
47) Tetrachloroethene	8.02	164	2167	0.217	ug/L	87
48) 2-Hexanone	8.19	43	12521	2.308	ug/L #	87
49) Dibromochloromethane	8.02	129	2043	0.206	ug/L #	12

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

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MSVOA_V

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BFD84

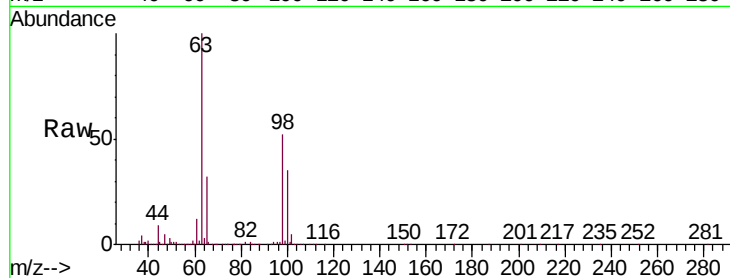
Tgt Ion: 101 Resp: 1196

Ion Ratio Lower Upper

101 100

85 25.3 37.4 56.0#

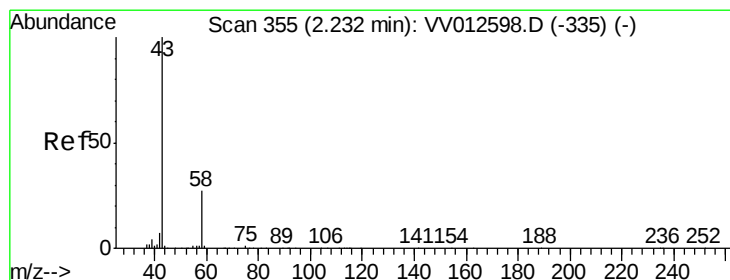
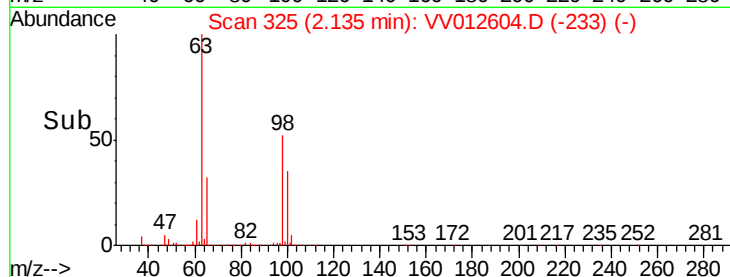
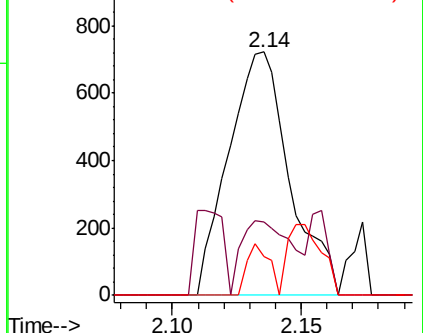
151 7.6 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.624 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

Lab File: VV012604.D

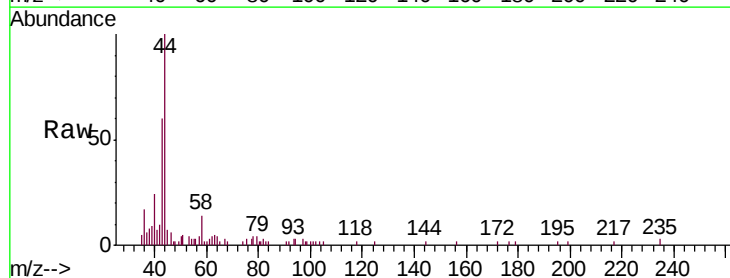
Acq: 06 Sep 2019 18:15

Tgt Ion: 43 Resp: 7673

Ion Ratio Lower Upper

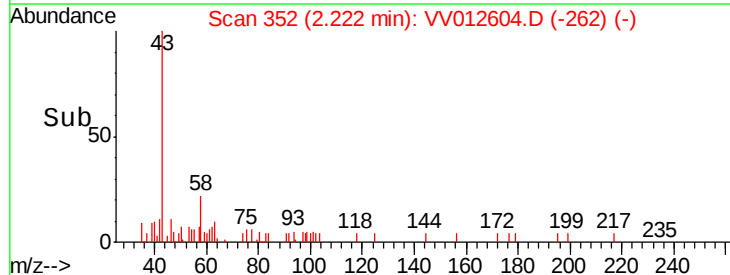
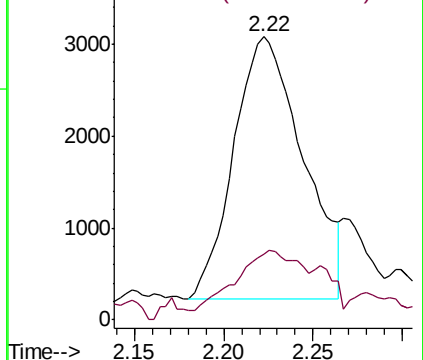
43 100

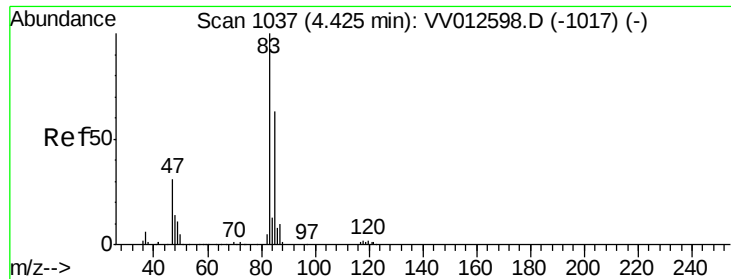
58 20.7 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

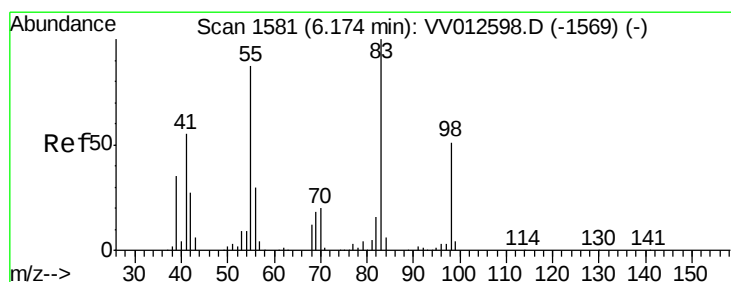
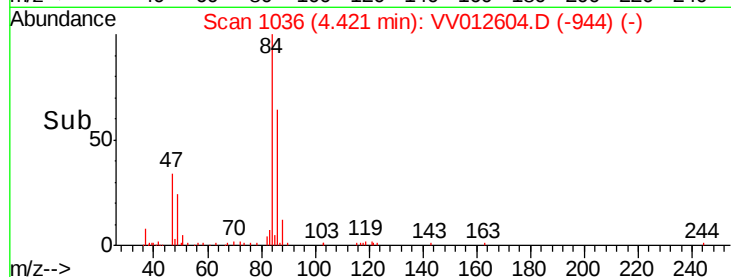
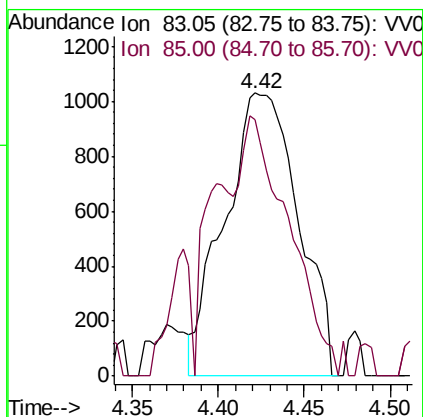
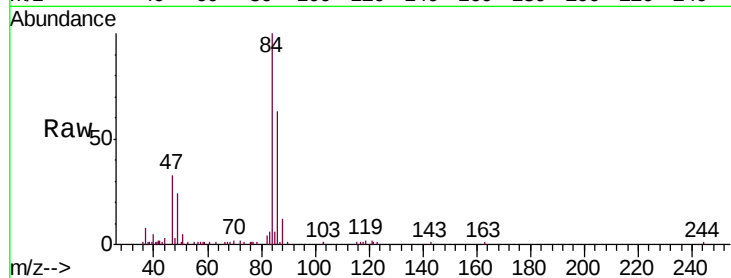




#25
Chloroform
Concen: 0.118 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012604.D
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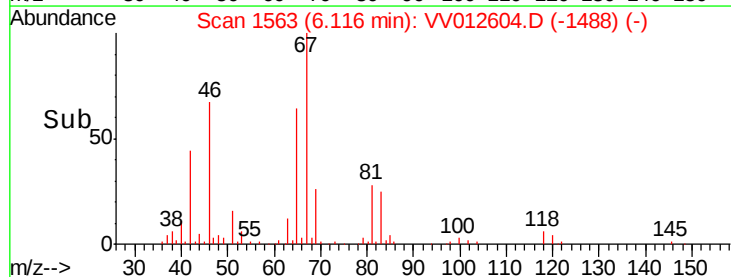
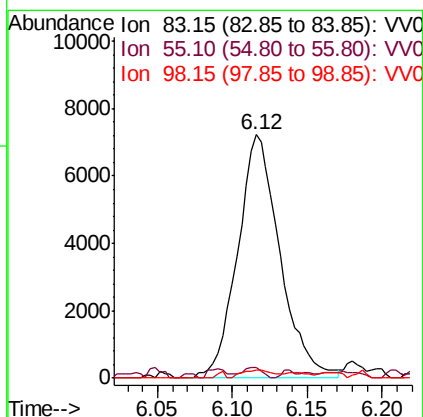
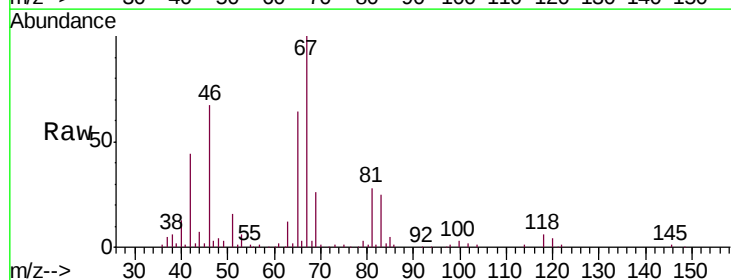
Instrument :
MSVOA_V
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BFD84

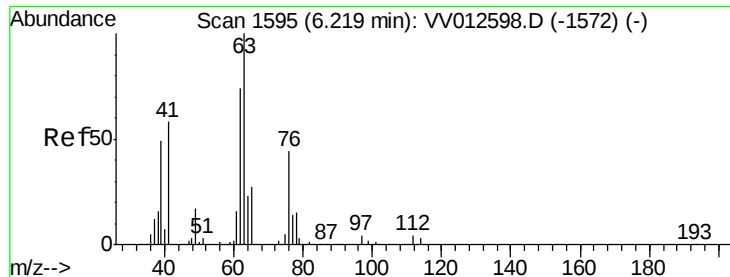
Tgt Ion: 83 Resp: 3071
Ion Ratio Lower Upper
83 100
85 90.8 44.4 82.5#



#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012604.D
Acq: 06 Sep 2019 18:15

Tgt Ion: 83 Resp: 14196
Ion Ratio Lower Upper
83 100
55 2.1 69.0 103.6#
98 2.5 38.0 57.0#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012604.D

Acq: 06 Sep 2019 18:15

Instrument :

MSVOA_V

ClientSampleId :

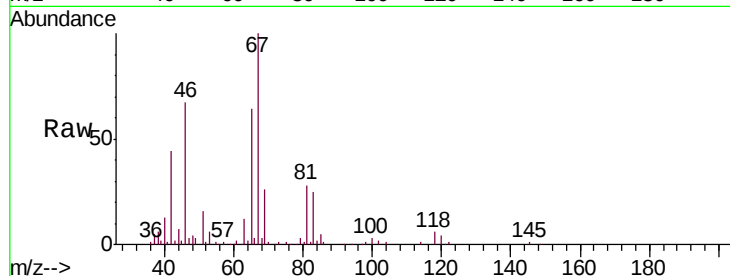
BFD84

Tgt Ion: 63 Resp: 7353

Ion Ratio Lower Upper

63 100

112 1.2 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV012598.D (-1572) (-)

Ion 112.10 (111.80 to 112.80): VV012598.D (-1572) (-)

6.12

4000

3000

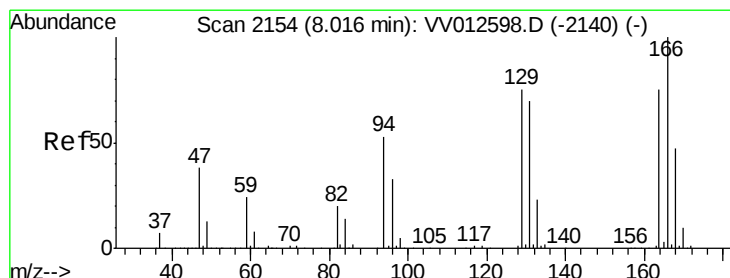
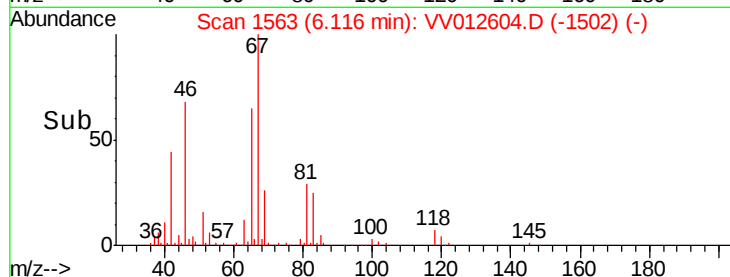
2000

1000

0

6.05 6.10 6.15

Time-->



#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012604.D

Acq: 06 Sep 2019 18:15

Tgt Ion: 164 Resp: 2167

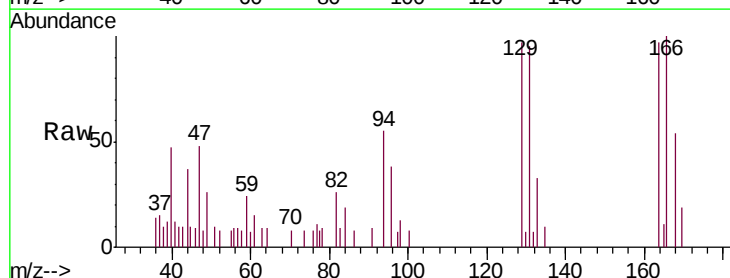
Ion Ratio Lower Upper

164 100

129 99.8 65.0 120.6

131 98.1 62.0 115.2

166 102.9 87.0 161.6



Abundance Ion 163.90 (163.60 to 164.60): VV012598.D (-2140) (-)

Ion 128.95 (128.65 to 129.65): VV012598.D (-2140) (-)

Ion 130.95 (130.65 to 131.65): VV012598.D (-2140) (-)

Ion 165.90 (165.60 to 166.60): VV012598.D (-2140) (-)

2000

1500

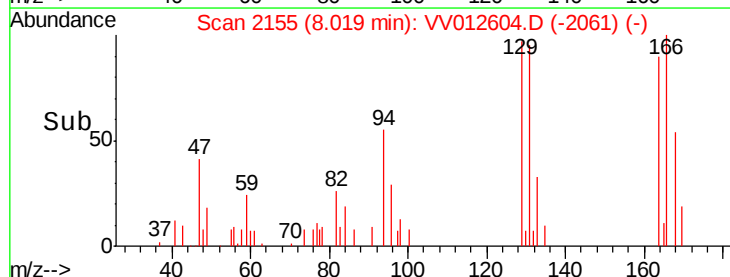
1000

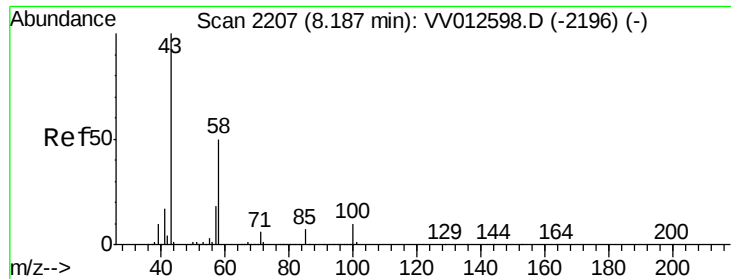
500

0

8.00 8.05

Time-->

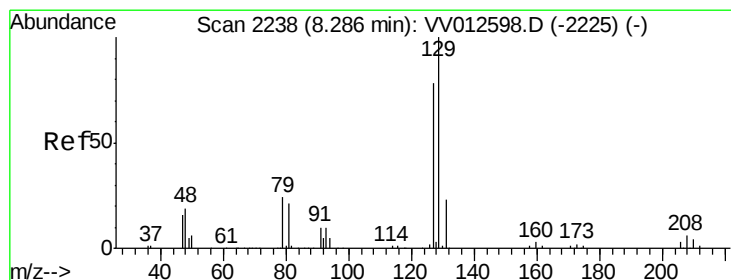
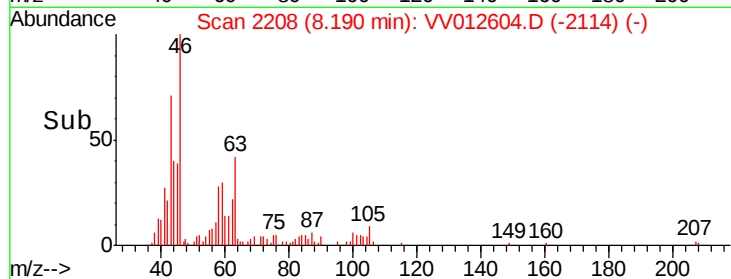
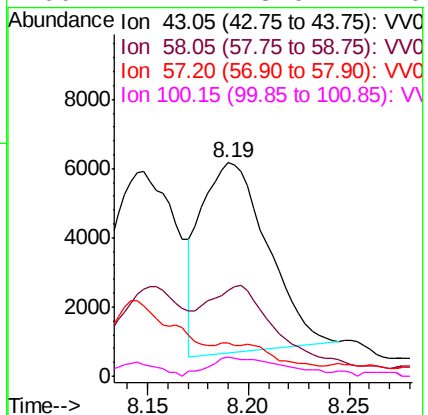
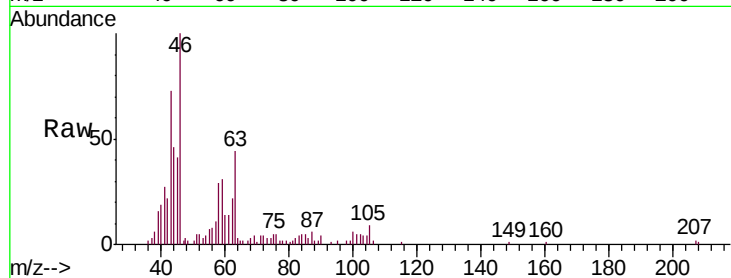




#48
2-Hexanone
Concen: 2.308 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012604.D
Acq: 06 Sep 2019 18:15

Instrument :
MSVOA_V
ClientSampleId :
BFD84

Tgt Ion: 43 Resp: 12521
Ion Ratio Lower Upper
43 100
58 44.7 39.3 58.9
57 0.0 12.9 19.3#
100 11.2 8.0 12.0



#49
Dibromochloromethane
Concen: 0.206 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012604.D
Acq: 06 Sep 2019 18:15

Tgt Ion: 129 Resp: 2043
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#

