

Data File : VV013916.D
Acq On : 05 Dec 2019 15:11
Operator : SY/MD
Sample : K6165-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBT4

Quant Time: Dec 06 04:10:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	620068	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	579595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232961	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144817	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.76%
7) Chloroethane-d5	1.57	69	166201	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	255888	32.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.54%
21) 2-Butanone-d5	3.92	46	268323	106.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.30%
24) Chloroform-d	4.40	84	373432	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.08	65	238177	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
32) Benzene-d6	5.09	84	717441	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
36) 1,2-Dichloropropane-d6	6.11	67	226542	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.36	98	633688	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.66	79	101726	46.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.74%
47) 2-Hexanone-d5	8.13	63	160600	95.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	298335	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	252193	55.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.24%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3002	0.644 ug/L #	18
13) Acetone	2.18	43	9658	2.611 ug/L	94
25) Chloroform	4.42	83	130311	15.355 ug/L	99
38) Bromodichloromethane	6.55	83	55745	9.409 ug/L	93
46) Tetrachloroethene	8.01	164	13393	3.206 ug/L	87
48) 2-Hexanone	8.18	43	13879	3.194 ug/L #	71
49) Dibromochloromethane	8.29	129	17912	3.534 ug/L	98

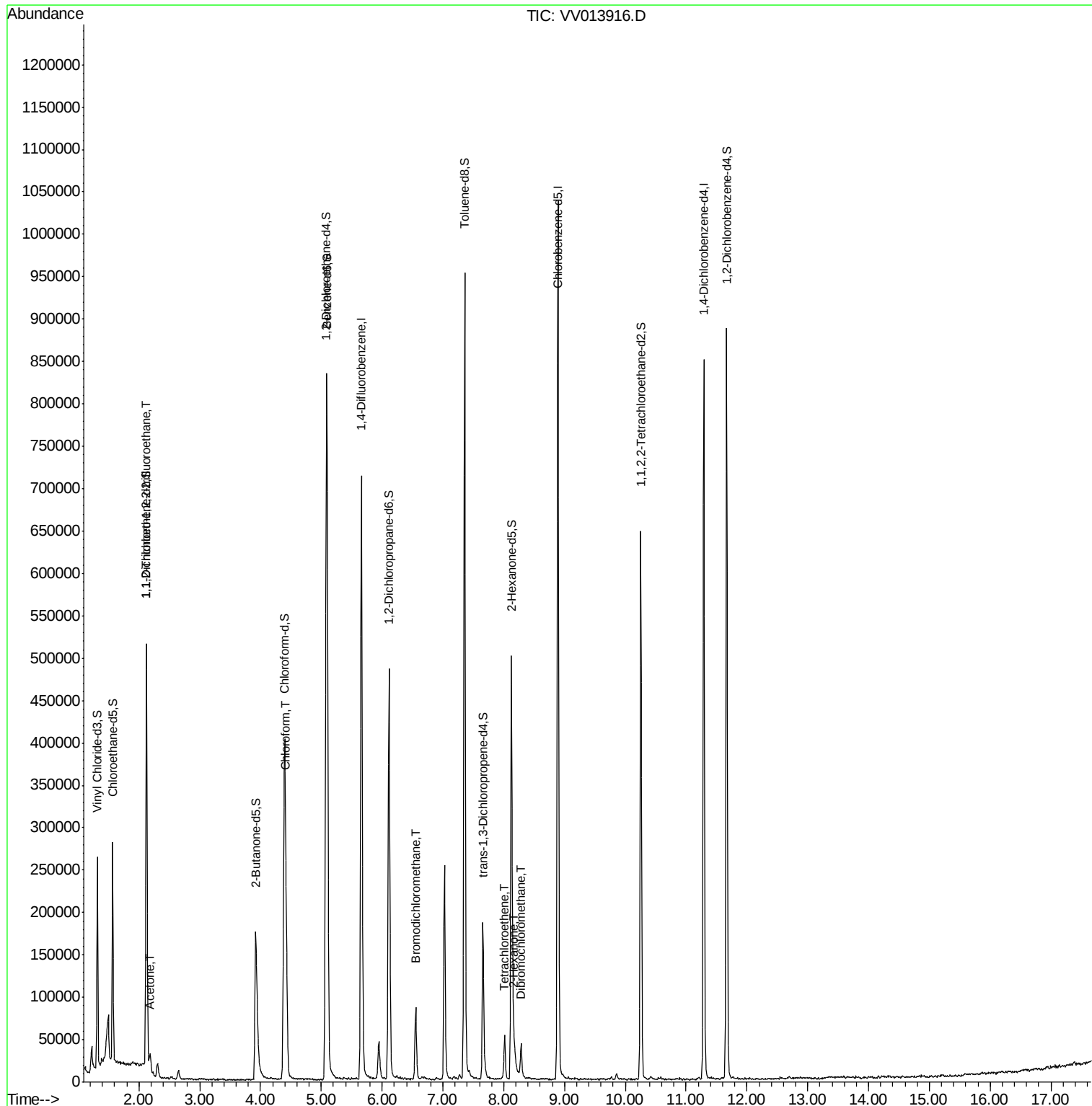
(#) = qualifier out of range (m) = manual integration (+) = signals summed

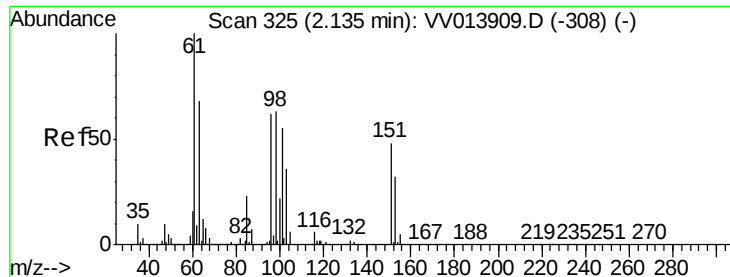
Data File : VV013916.D

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Sample      : K6165-06
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ALS Vial    : 10   Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Dec 06 04:10:16 2019
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.644 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Acq: 05 Dec 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

DBBT4

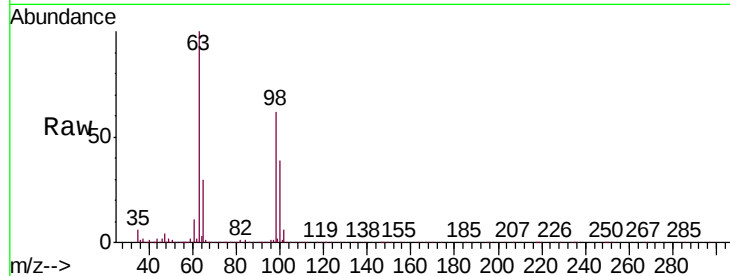
Tgt Ion:101 Resp: 3002

Ion Ratio Lower Upper

101 100

85 0.7 32.5 48.7#

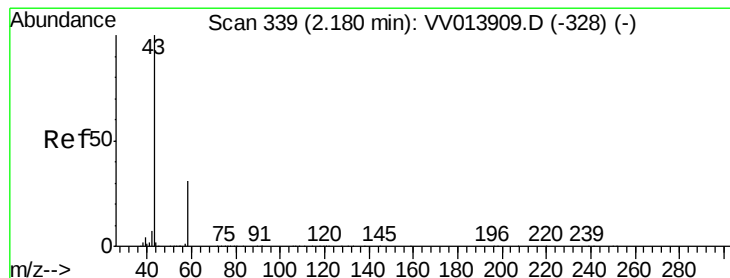
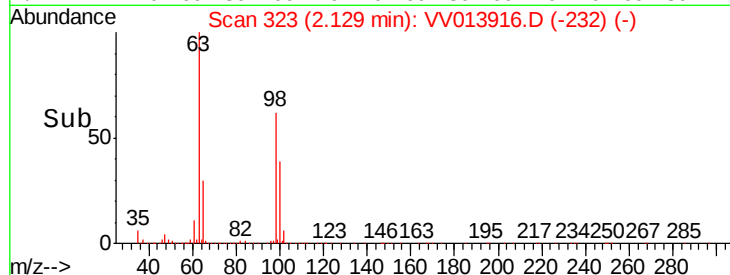
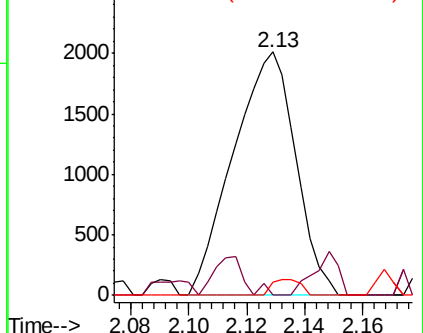
151 3.1 69.8 104.6#



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: 2.611 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013916.D

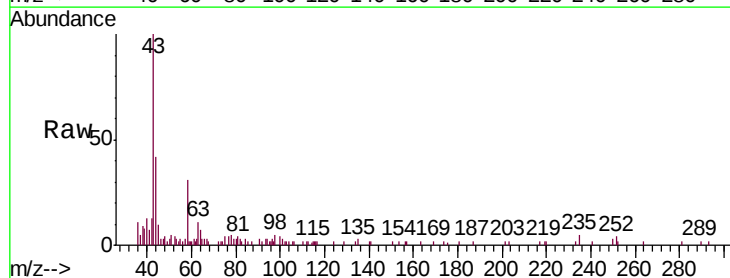
Acq: 05 Dec 2019 15:11

Tgt Ion: 43 Resp: 9658

Ion Ratio Lower Upper

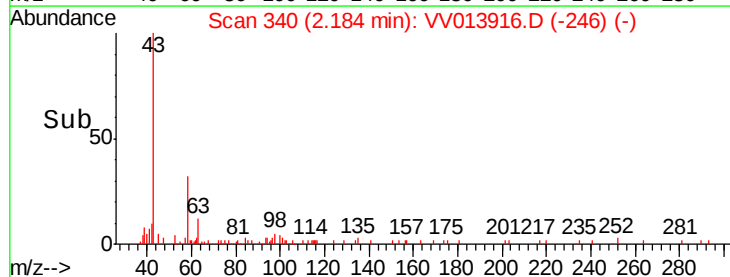
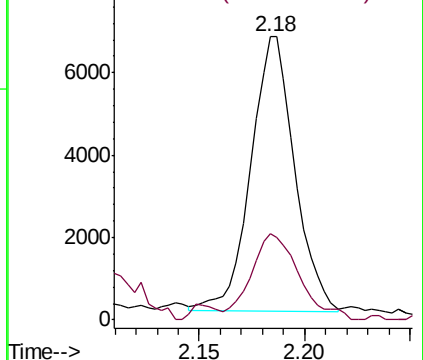
43 100

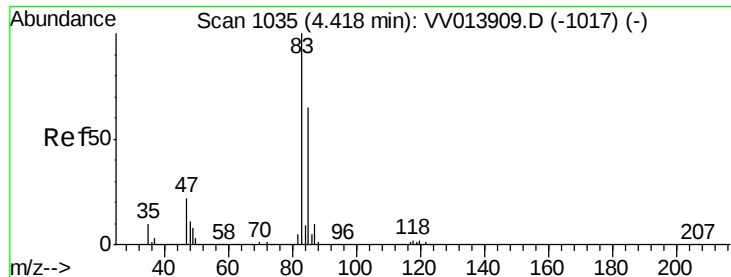
58 27.4 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 15.355 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

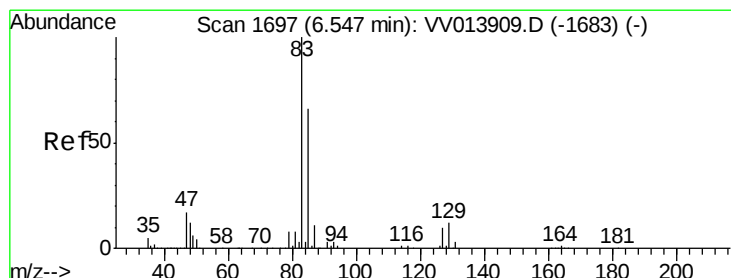
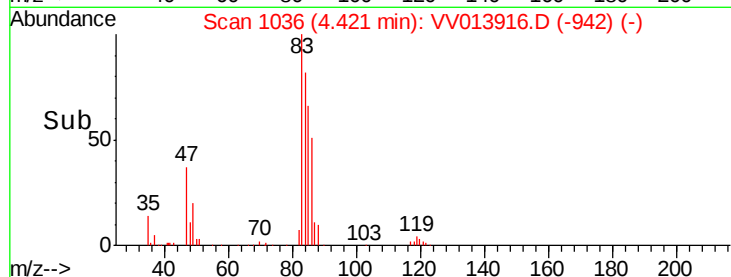
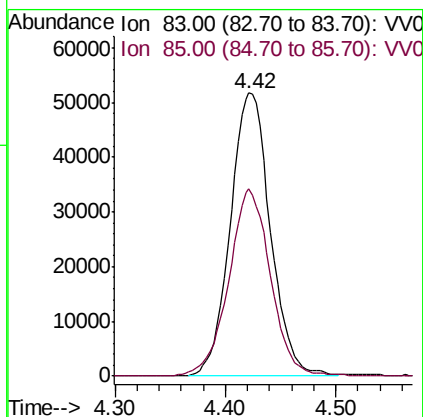
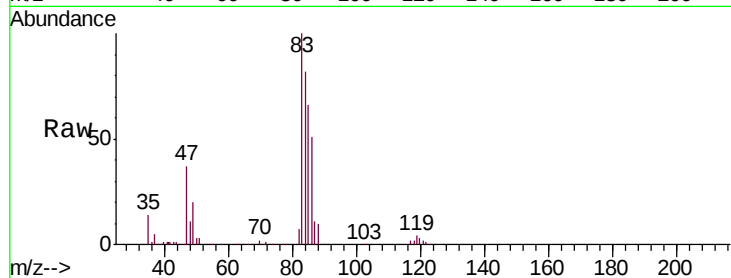
DBBT4

Tgt Ion: 83 Resp: 130311

Ion Ratio Lower Upper

83 100

85 66.3 45.7 84.9



#38

Bromodichloromethane

Concen: 9.409 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VV013916.D

Acq: 05 Dec 2019 15:11

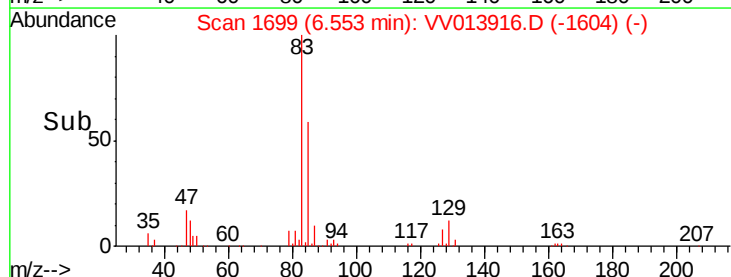
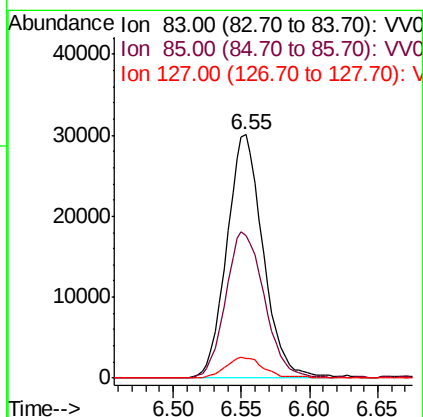
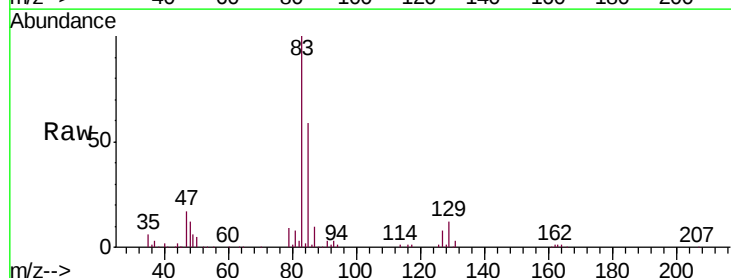
Tgt Ion: 83 Resp: 55745

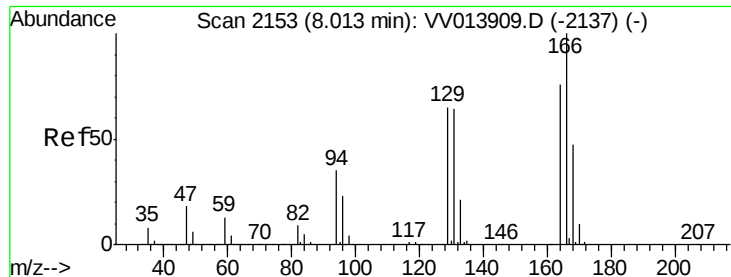
Ion Ratio Lower Upper

83 100

85 58.6 44.8 83.2

127 8.3 7.7 11.5





#46

Tetrachloroethene

Concen: 3.206 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013916.D

Acq: 05 Dec 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

DBBT4

Tgt Ion:164 Resp: 13393

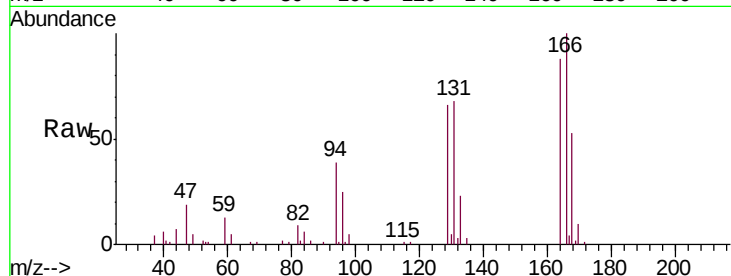
Ion Ratio Lower Upper

164 100

129 74.7 61.7 114.7

131 77.3 58.4 108.6

166 114.0 93.4 173.6

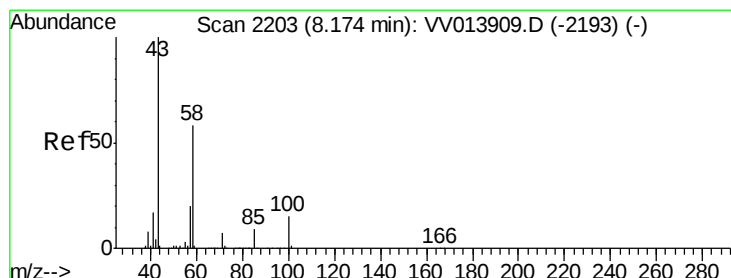
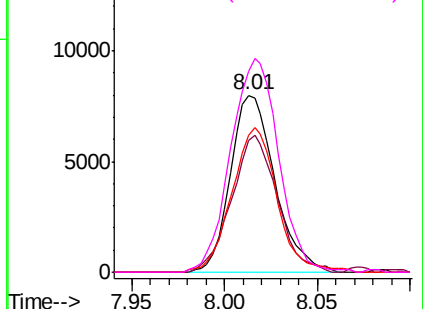
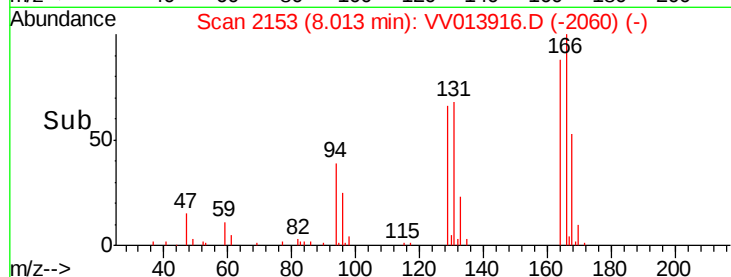


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.194 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VV013916.D

Acq: 05 Dec 2019 15:11

Tgt Ion: 43 Resp: 13879

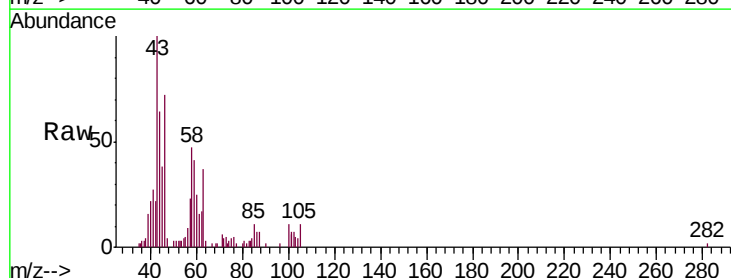
Ion Ratio Lower Upper

43 100

58 40.2 48.4 72.6#

57 3.2 16.6 24.8#

100 4.2 11.9 17.9#

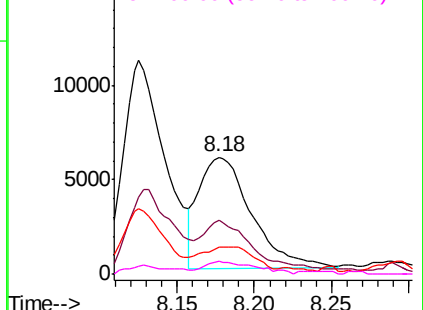
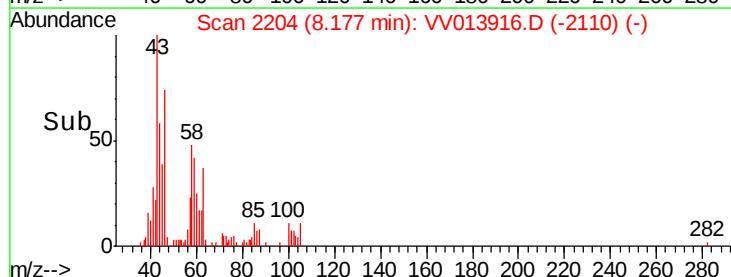


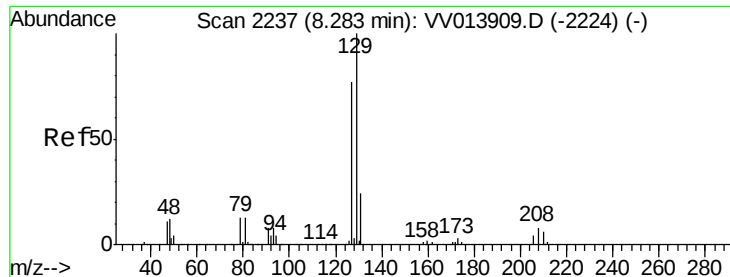
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 3.534 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV013916.D

Acq: 05 Dec 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

DBBT4

Tgt Ion:129 Resp: 17912

Ion Ratio Lower Upper

129 100

127 78.7 53.7 99.7

