

Data File : VV013919.D
Acq On : 05 Dec 2019 16:24
Operator : SY/MD
Sample : K6165-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBW4

Quant Time: Dec 06 04:10:48 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	598886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	593960	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137169	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.20%
7) Chloroethane-d5	1.57	69	158074	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.44%
11) 1,1-Dichloroethene-d2	2.13	63	240466	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	3.92	46	270180	110.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.82%
24) Chloroform-d	4.40	84	354674	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	5.08	65	228108	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
32) Benzene-d6	5.09	84	684030	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
36) 1,2-Dichloropropane-d6	6.11	67	221185	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.35	98	612373	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	7.66	79	98630	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.13	63	158073	91.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.63%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	320684	47.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.88%
64) 1,2-Dichlorobenzene-d4	11.67	152	266314	60.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.36%#

Target Compounds

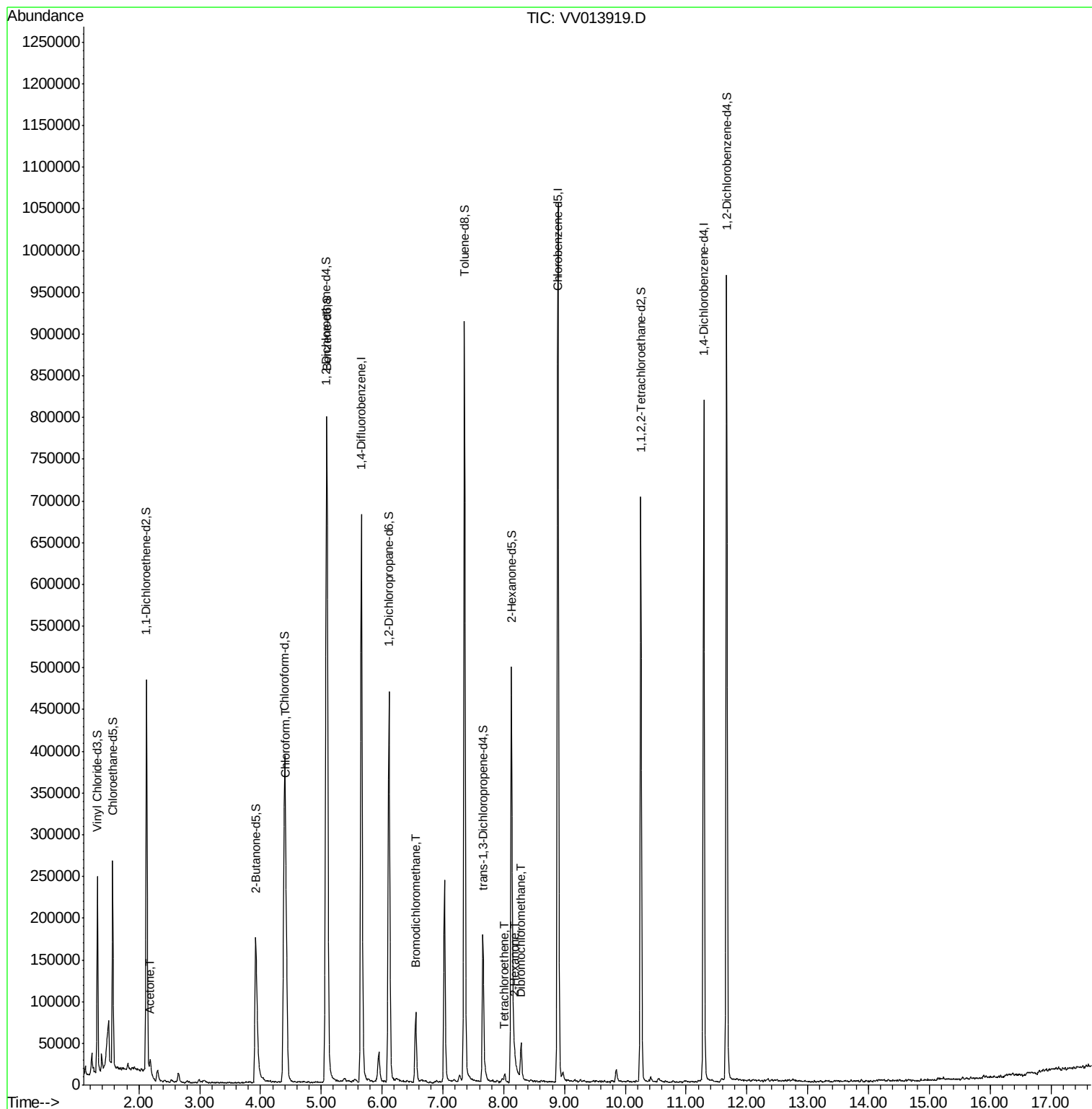
					Qvalue
13) Acetone	2.19	43	10161	2.844 ug/L	82
25) Chloroform	4.42	83	137999	16.836 ug/L	97
38) Bromodichloromethane	6.55	83	57335	9.444 ug/L	99
46) Tetrachloroethene	8.02	164	2379	0.556 ug/L	86
48) 2-Hexanone	8.18	43	15221	3.418 ug/L #	65
49) Dibromochloromethane	8.29	129	18826	3.624 ug/L	98

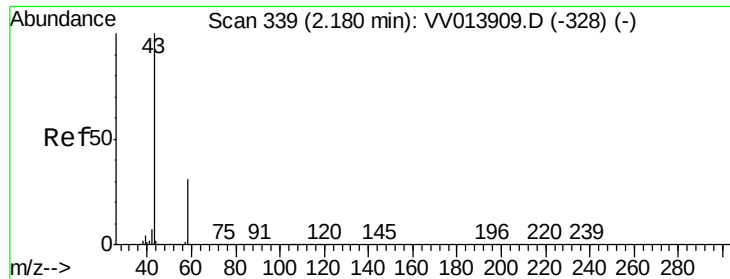
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.844 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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Acq: 05 Dec 2019 16:24

Instrument :

MSVOA_V

ClientSampleId :

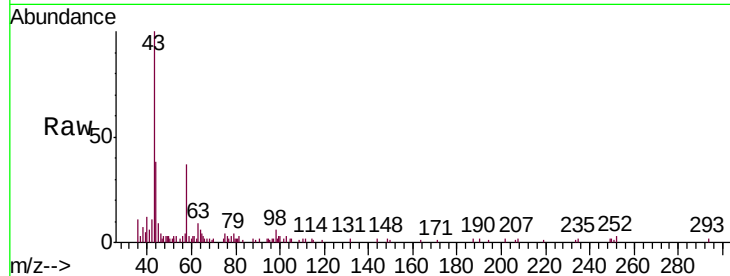
DBBW4

Tgt Ion: 43 Resp: 10161

Ion Ratio Lower Upper

43 100

58 40.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

8000

6000

4000

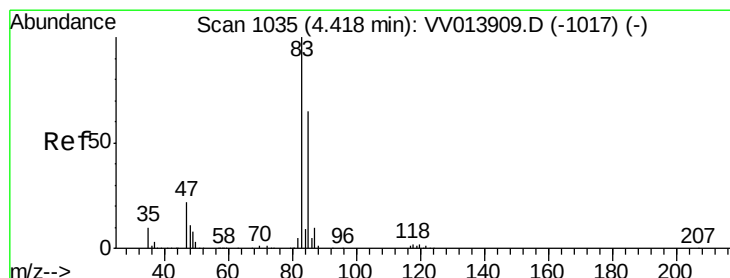
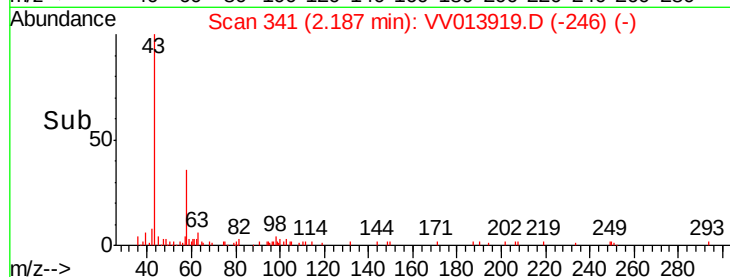
2000

0

Time-->

2.15

2.20



#25

Chloroform

Concen: 16.836 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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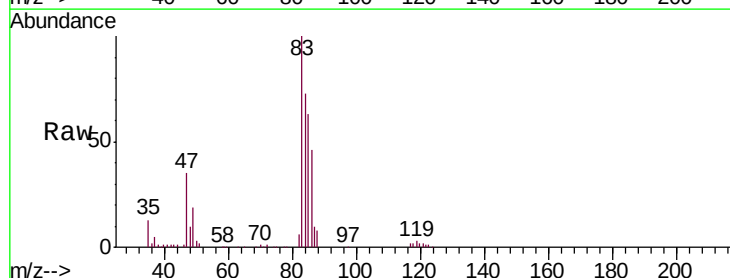
Acq: 05 Dec 2019 16:24

Tgt Ion: 83 Resp: 137999

Ion Ratio Lower Upper

83 100

85 62.8 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

60000

50000

40000

30000

20000

10000

0

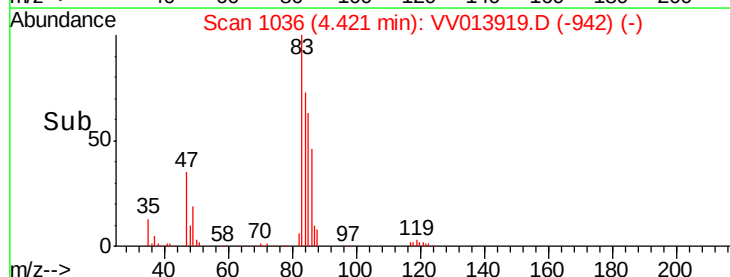
Time-->

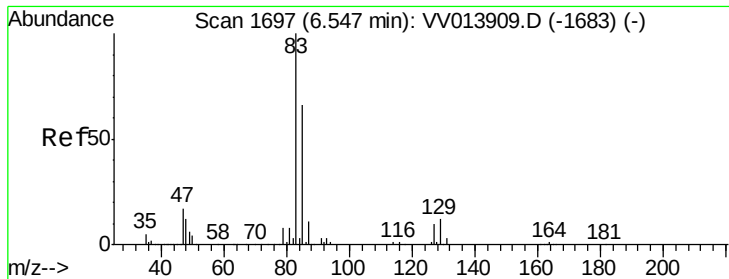
4.35

4.40

4.45

4.50





#38

Bromodichloromethane

Concen: 9.444 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VV013919.D

Acq: 05 Dec 2019 16:24

Instrument :

MSVOA_V

ClientSampleId :

DBBW4

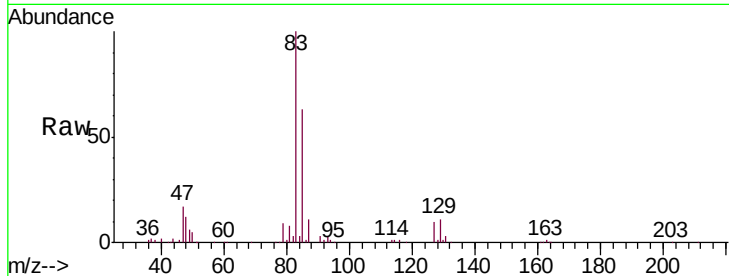
Tgt Ion: 83 Resp: 57335

Ion Ratio Lower Upper

83 100

85 63.5 44.8 83.2

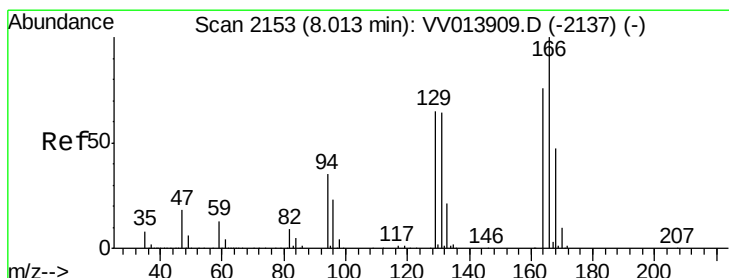
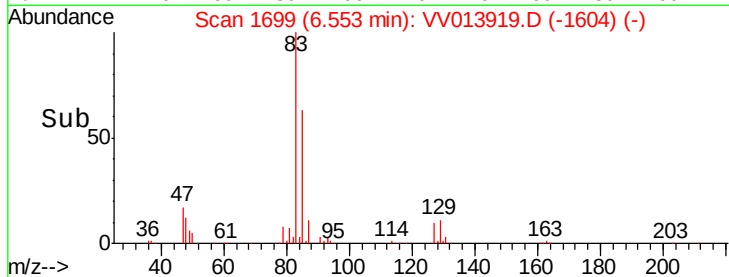
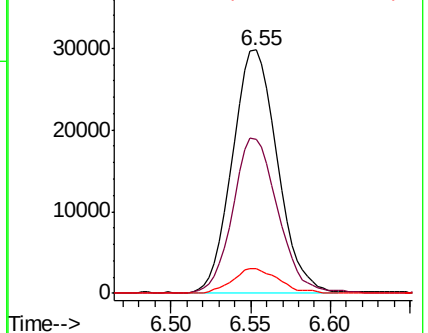
127 10.0 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VV013919.D (-1604) (-)

Ion 85.00 (84.70 to 85.70): VV013919.D (-1604) (-)

Ion 127.00 (126.70 to 127.70): VV013919.D (-1604) (-)



#46

Tetrachloroethene

Concen: 0.556 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013919.D

Acq: 05 Dec 2019 16:24

Tgt Ion: 164 Resp: 2379

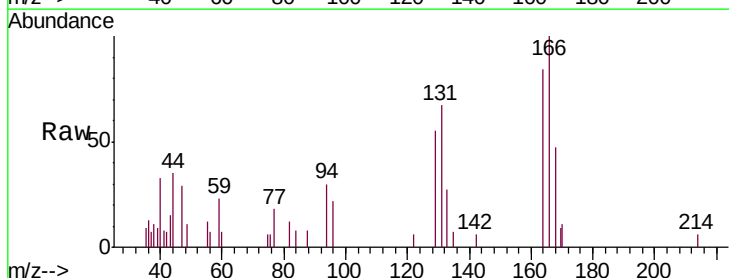
Ion Ratio Lower Upper

164 100

129 65.4 61.7 114.7

131 79.8 58.4 108.6

166 118.7 93.4 173.6

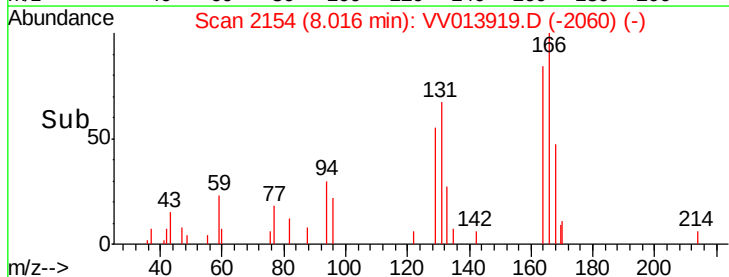
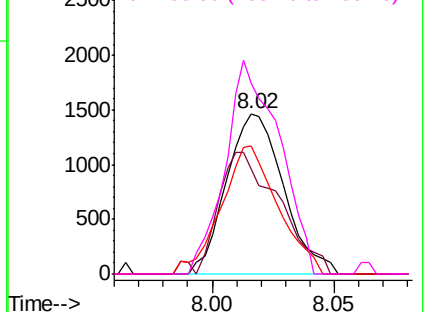


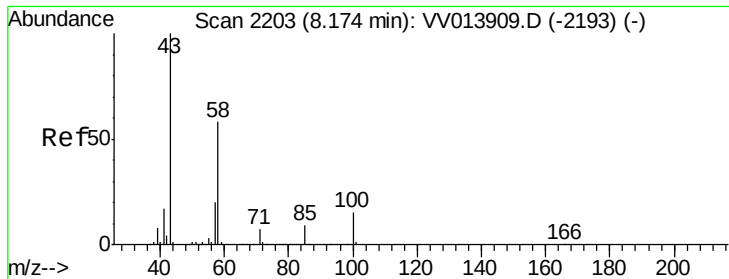
Abundance Ion 164.00 (163.70 to 164.70): VV013919.D (-2060) (-)

Ion 129.00 (128.70 to 129.70): VV013919.D (-2060) (-)

Ion 131.00 (130.70 to 131.70): VV013919.D (-2060) (-)

Ion 166.00 (165.70 to 166.70): VV013919.D (-2060) (-)

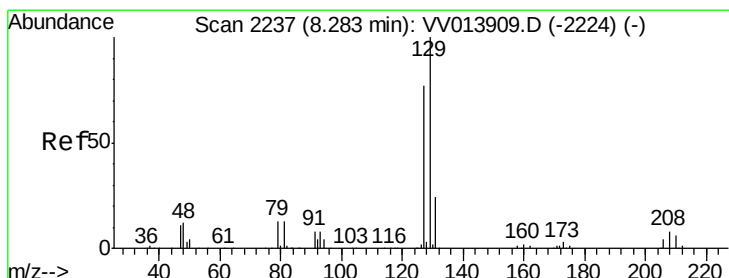
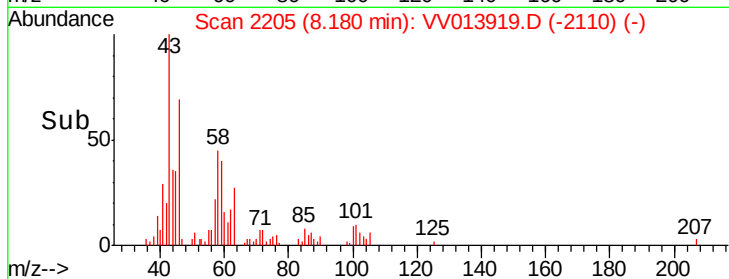
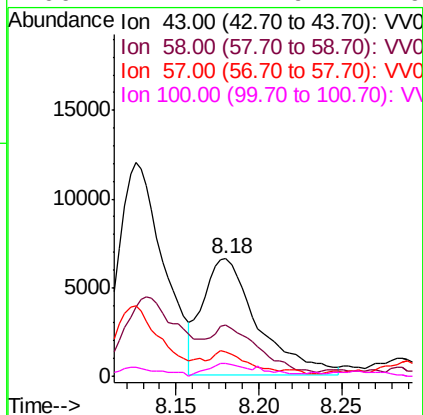
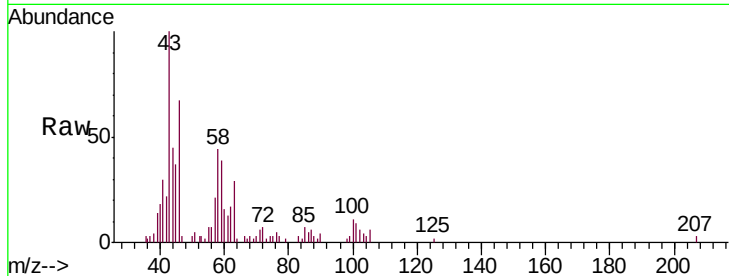




#48
2-Hexanone
Concen: 3.418 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013919.D
Acq: 05 Dec 2019 16:24

Instrument :
MSVOA_V
ClientSampleId :
DBBW4

Tgt Ion: 43 Resp: 15221
Ion Ratio Lower Upper
43 100
58 27.4 48.4 72.6#
57 10.7 16.6 24.8#
100 7.4 11.9 17.9#



#49
Dibromochloromethane
Concen: 3.624 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013919.D
Acq: 05 Dec 2019 16:24

Tgt Ion: 129 Resp: 18826
Ion Ratio Lower Upper
129 100
127 74.8 53.7 99.7

