

Data File : VV013917.D
Acq On : 05 Dec 2019 15:36
Operator : SY/MD
Sample : K6165-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBW2

Quant Time: Dec 06 04:10:26 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	507790	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	522697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123232	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.92%
7) Chloroethane-d5	1.56	69	141637	46.20	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	219052	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.46%
21) 2-Butanone-d5	3.92	46	237925	115.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.10%
24) Chloroform-d	4.39	84	319643	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
26) 1,2-Dichloroethane-d4	5.07	65	203654	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
32) Benzene-d6	5.09	84	618529	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.11	67	194505	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.35	98	502903	40.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.46%
43) trans-1,3-Dichloropropene-	7.66	79	85873	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
47) 2-Hexanone-d5	8.13	63	166388	109.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	312717	53.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	229944	59.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.74%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2821	0.739	ug/L #	22
13) Acetone	2.18	43	11770	3.886	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	3909	1.000	ug/L	77
25) Chloroform	4.42	83	112258	16.153	ug/L	95
38) Bromodichloromethane	6.55	83	45604	8.536	ug/L	97
46) Tetrachloroethene	8.02	164	5934	1.575	ug/L	92
48) 2-Hexanone	8.18	43	11068	2.824	ug/L #	76
49) Dibromochloromethane	8.29	129	16196	3.543	ug/L	100
59) 1,2,3-Trichloropropane	11.29	75	19951	3.913	ug/L	95

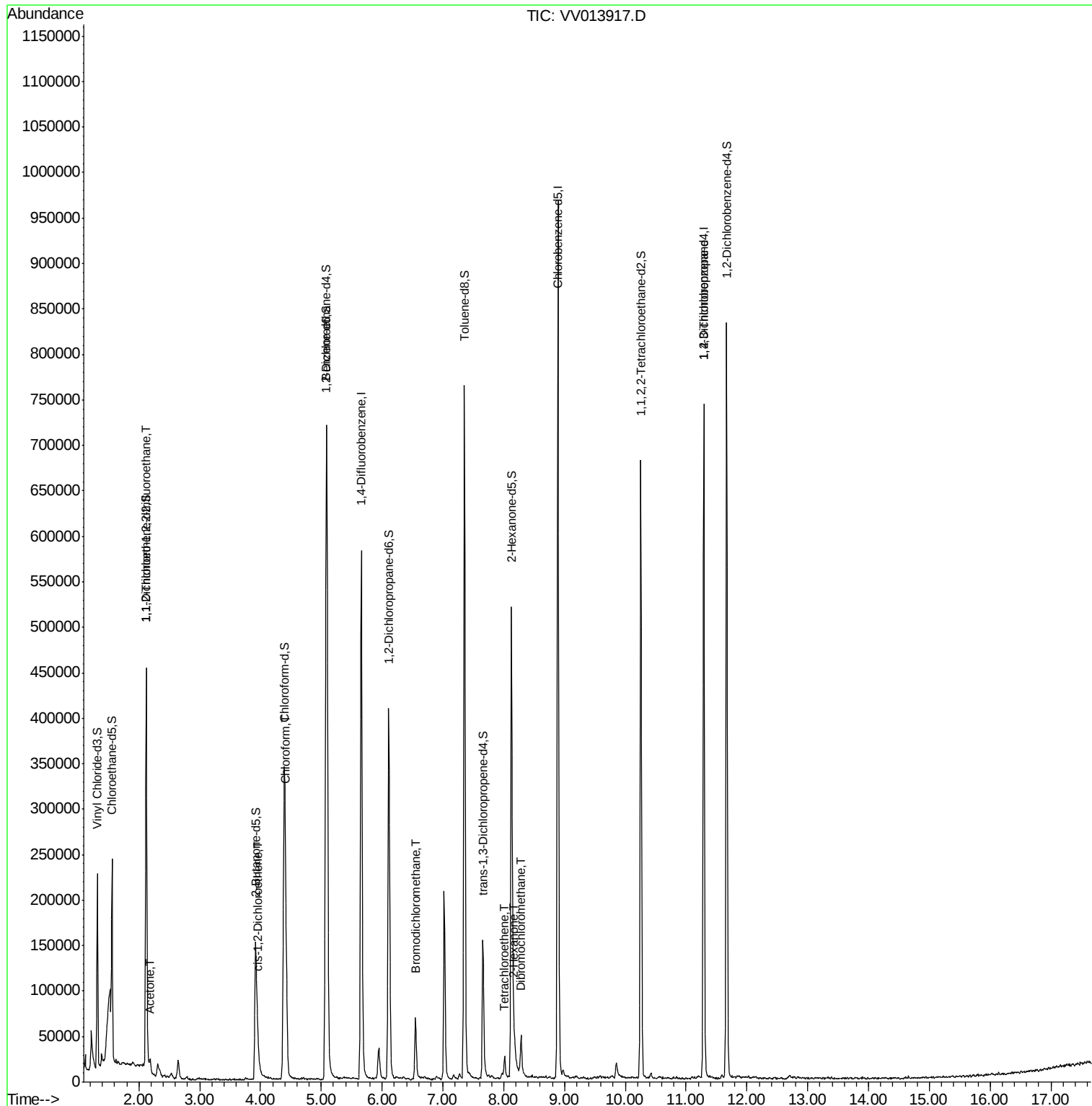
(#) = qualifier out of range (m) = manual integration (+) = signals summed

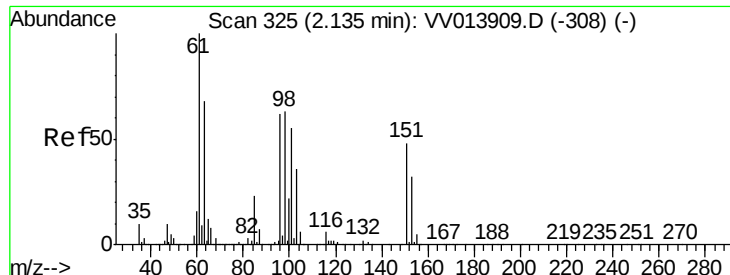
Data File : VV013917.D

```
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Quant Method : Z:\V0ASRV\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: 0.739 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013917.D

Acq: 05 Dec 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

DBBW2

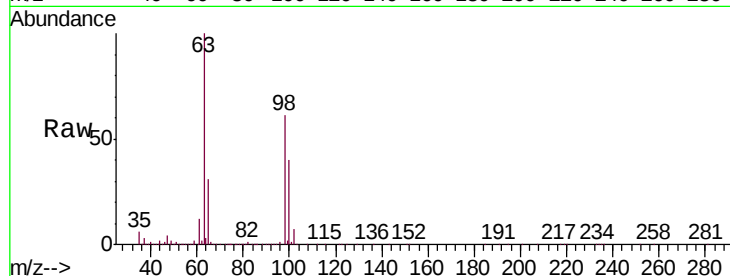
Tgt Ion:101 Resp: 2821

Ion Ratio Lower Upper

101 100

85 11.4 32.5 48.7#

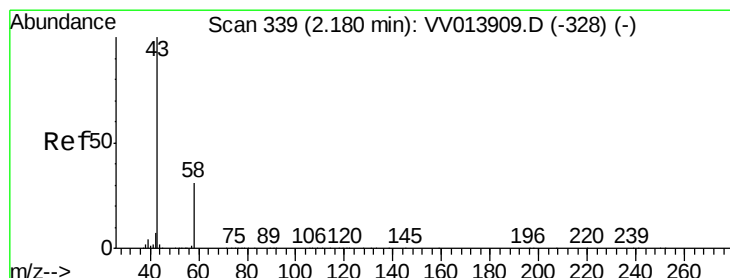
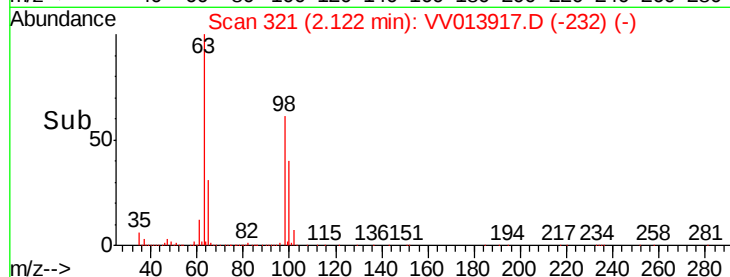
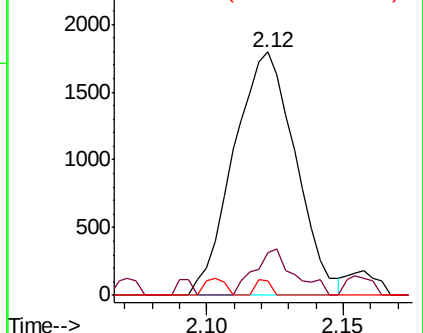
151 1.5 69.8 104.6#



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: 3.886 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013917.D

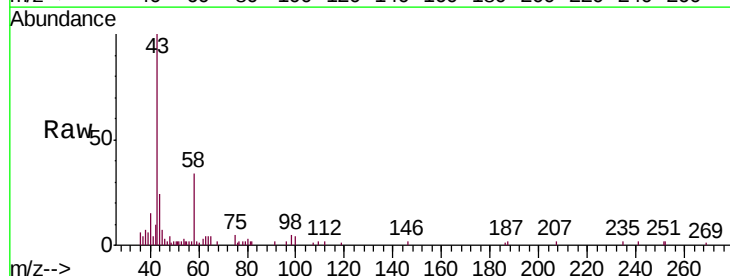
Acq: 05 Dec 2019 15:36

Tgt Ion: 43 Resp: 11770

Ion Ratio Lower Upper

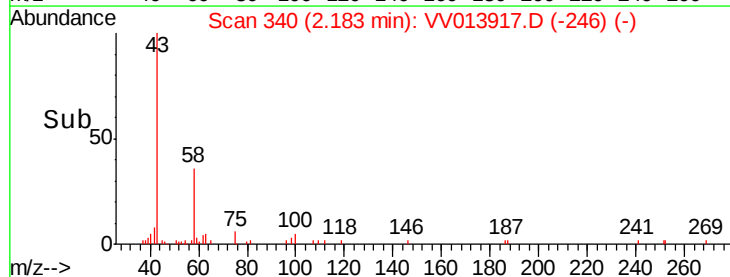
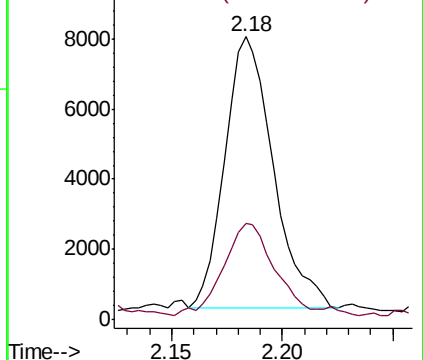
43 100

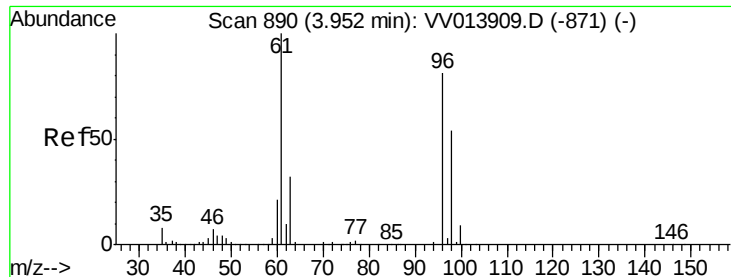
58 33.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

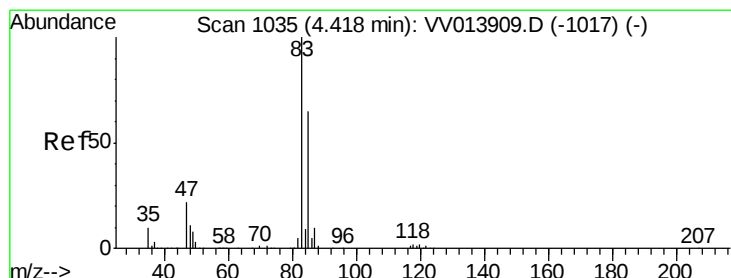
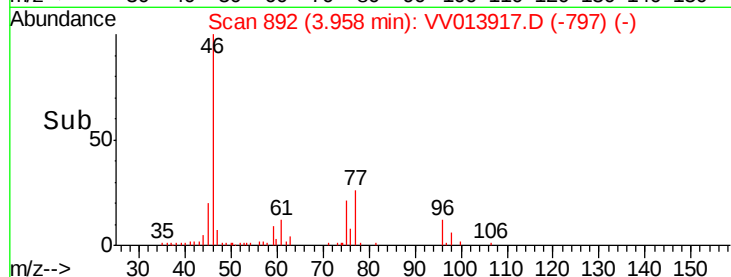
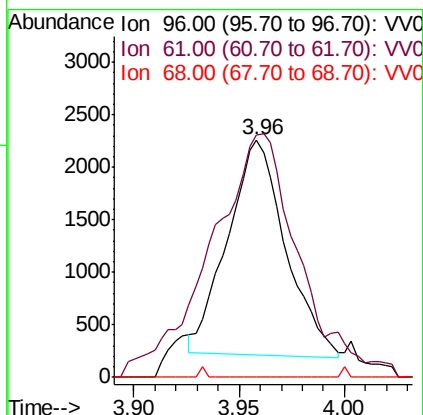
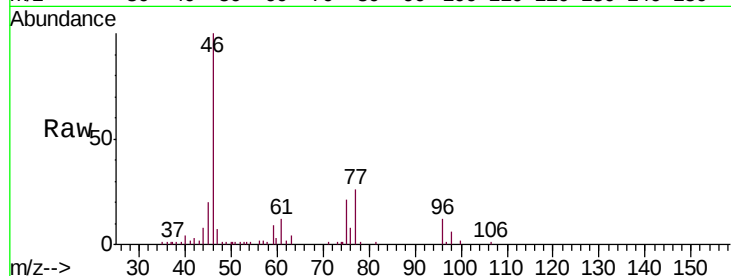




#20
 cis-1,2-Dichloroethene
 Concen: 1.000 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VV013917.D
 Acq: 05 Dec 2019 15:36

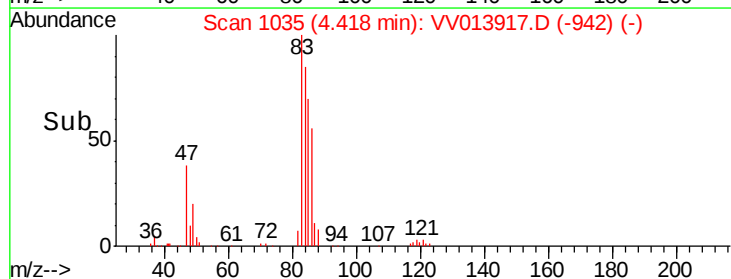
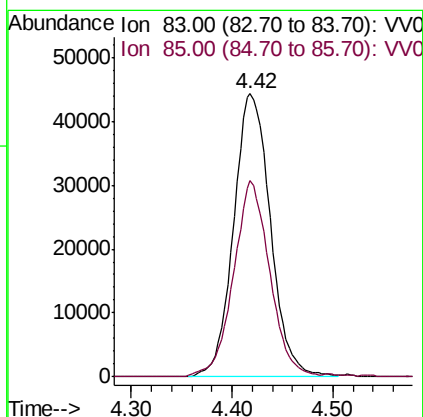
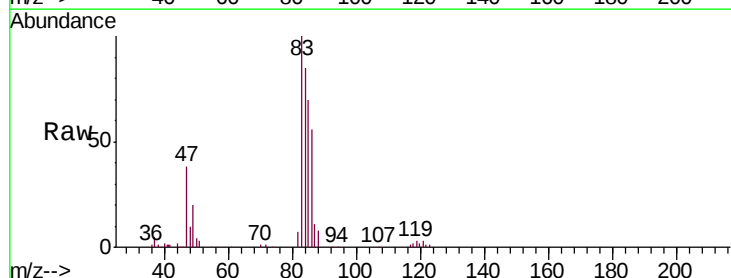
Instrument :
 MSVOA_V
 ClientSampleId :
 DBBW2

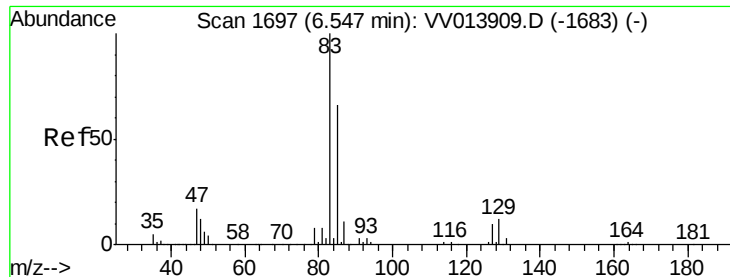
Tgt Ion: 96 Resp: 3909
 Ion Ratio Lower Upper
 96 100
 61 96.4 85.3 158.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 16.153 ug/L
 RT: 4.42 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VV013917.D
 Acq: 05 Dec 2019 15:36

Tgt Ion: 83 Resp: 112258
 Ion Ratio Lower Upper
 83 100
 85 69.5 45.7 84.9





#38

Bromodichloromethane

Concen: 8.536 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VV013917.D

Acq: 05 Dec 2019 15:36

Instrument :

MSVOA_V

ClientSampleId :

DBBW2

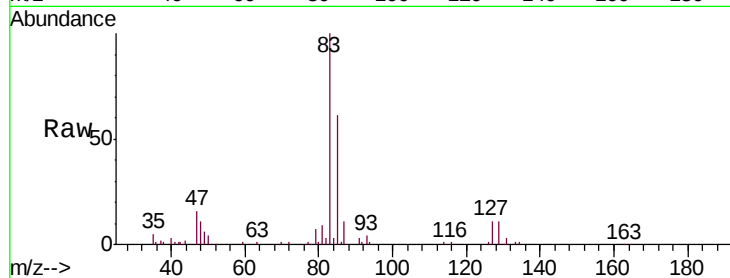
Tgt Ion: 83 Resp: 45604

Ion Ratio Lower Upper

83 100

85 61.3 44.8 83.2

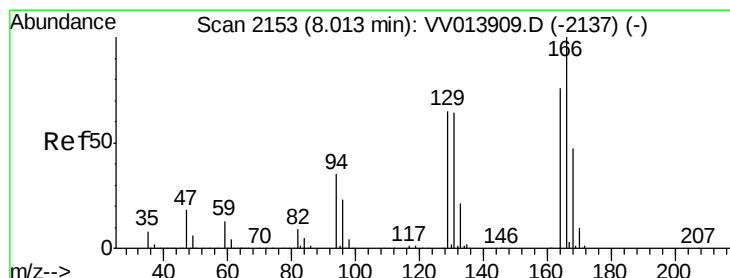
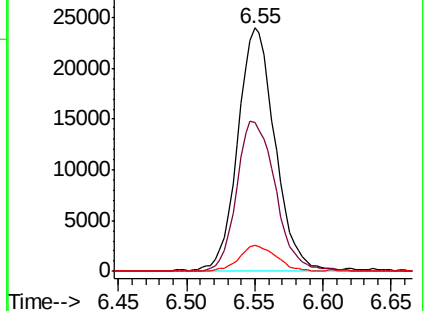
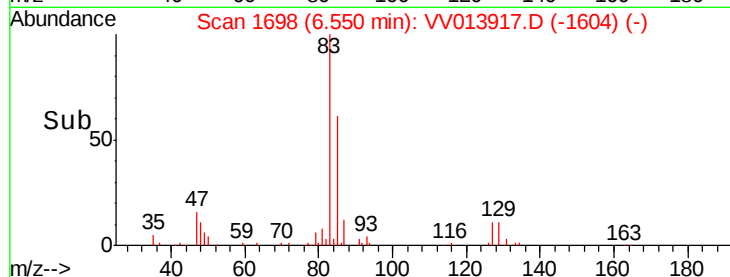
127 10.8 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VV013917.D (-1604) (-)

Ion 85.00 (84.70 to 85.70): VV013917.D (-1604) (-)

Ion 127.00 (126.70 to 127.70): VV013917.D (-1604) (-)



#46

Tetrachloroethene

Concen: 1.575 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013917.D

Acq: 05 Dec 2019 15:36

Tgt Ion: 164 Resp: 5934

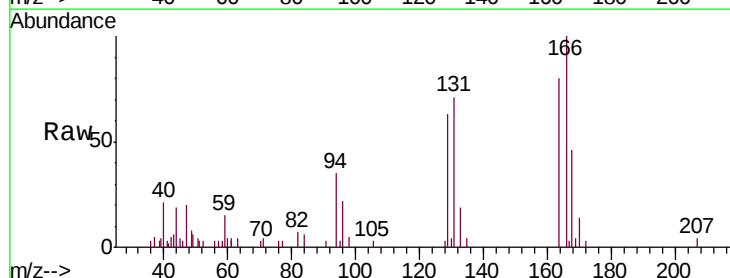
Ion Ratio Lower Upper

164 100

129 78.2 61.7 114.7

131 87.9 58.4 108.6

166 124.5 93.4 173.6

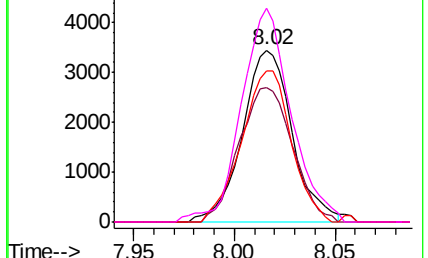
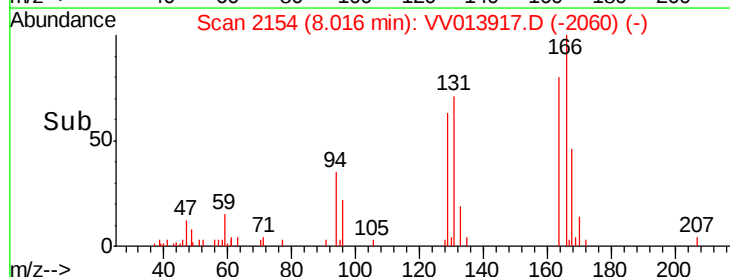


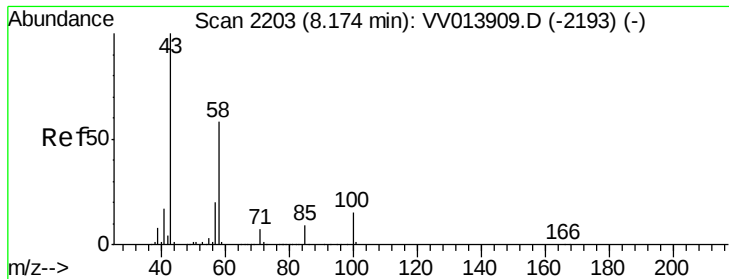
Abundance Ion 164.00 (163.70 to 164.70): VV013917.D (-2060) (-)

Ion 129.00 (128.70 to 129.70): VV013917.D (-2060) (-)

Ion 131.00 (130.70 to 131.70): VV013917.D (-2060) (-)

Ion 166.00 (165.70 to 166.70): VV013917.D (-2060) (-)

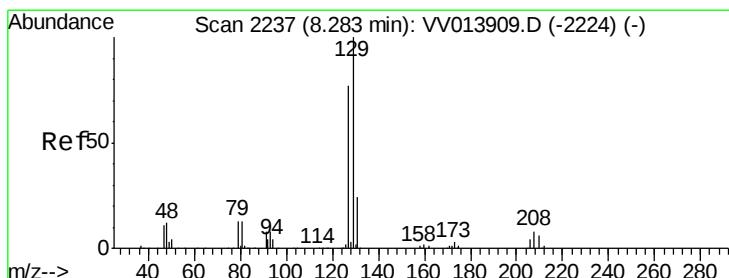
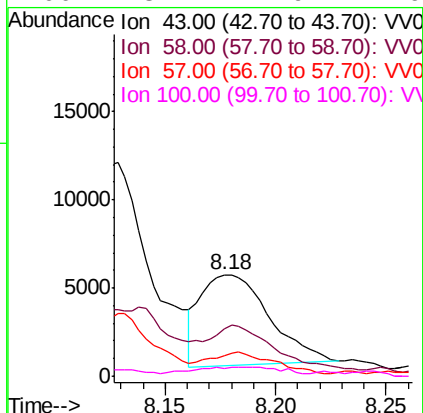
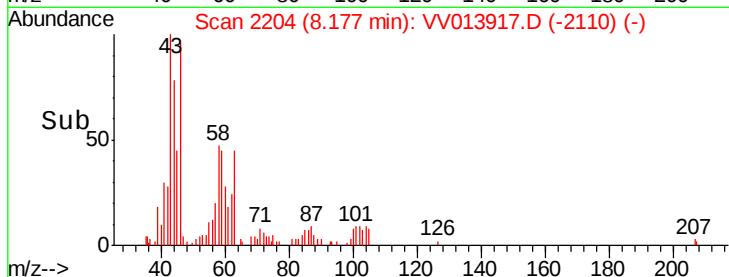
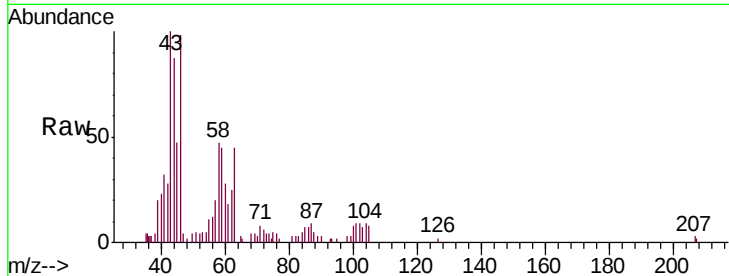




#48
2-Hexanone
Concen: 2.824 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VV013917.D
Acq: 05 Dec 2019 15:36

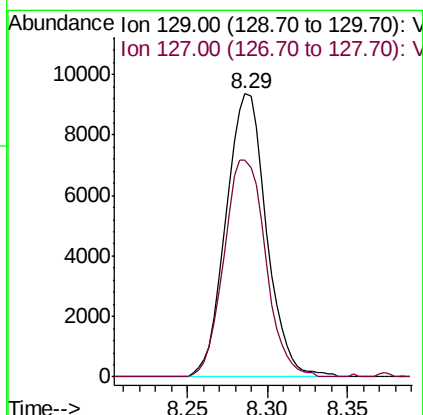
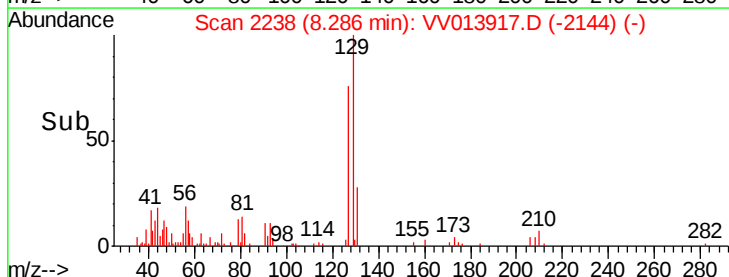
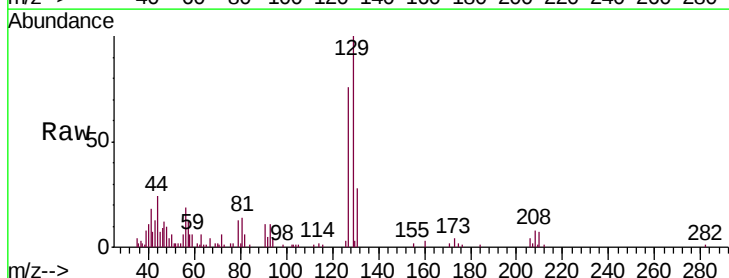
Instrument :
MSVOA_V
ClientSampleId :
DBBW2

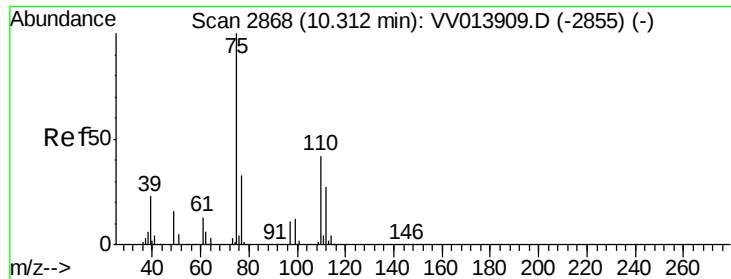
Tgt Ion: 43 Resp: 11068
Ion Ratio Lower Upper
43 100
58 40.6 48.4 72.6#
57 27.3 16.6 24.8#
100 3.1 11.9 17.9#



#49
Dibromochloromethane
Concen: 3.543 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013917.D
Acq: 05 Dec 2019 15:36

Tgt Ion: 129 Resp: 16196
Ion Ratio Lower Upper
129 100
127 76.4 53.7 99.7





#59
 1,2,3-Trichloropropane
 Concen: 3.913 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV013917.D
 Acq: 05 Dec 2019 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBW2

Tgt Ion: 75 Resp: 19951
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.8 38.8

