

Data File : VV013310.D
Acq On : 23 Oct 2019 21:46
Operator : SY/MD
Sample : K5395-19
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0052

Quant Time: Oct 24 04:21:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1198407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1153559	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	511272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	357880	45.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.10%		
7) Chloroethane-d5	1.58	69	301149	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.22%		
11) 1,1-Dichloroethene-d2	2.13	63	436126	37.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.04%		
21) 2-Butanone-d5	3.95	46	410270	77.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.08%		
24) Chloroform-d	4.40	84	807797	47.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.38%		
26) 1,2-Dichloroethane-d4	5.08	65	498814	49.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.14%		
32) Benzene-d6	5.10	84	1652689	46.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.06%		
36) 1,2-Dichloropropane-d6	6.12	67	522649	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.04%		
41) Toluene-d8	7.36	98	1448127	45.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.44%		
43) trans-1,3-Dichloropropene-	7.66	79	221731	45.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.38%		
47) 2-Hexanone-d5	8.13	63	260101	78.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.09%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	670105	46.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.20%		
64) 1,2-Dichlorobenzene-d4	11.67	152	607178	51.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.50%		

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5765	0.915	ug/L #	17
13) Acetone	2.22	43	6267	1.593	ug/L	80
25) Chloroform	4.42	83	349246	22.557	ug/L	99
27) 1,2-Dichloroethane	5.10	62	9223	0.817	ug/L	98
38) Bromodichloromethane	6.56	83	53061	4.565	ug/L	98
48) 2-Hexanone	8.14	43	38737	4.351	ug/L #	79
49) Dibromochloromethane	8.29	129	8281	0.841	ug/L	98
59) 1,2,3-Trichloropropane	11.29	75	50928	4.626	ug/L	93

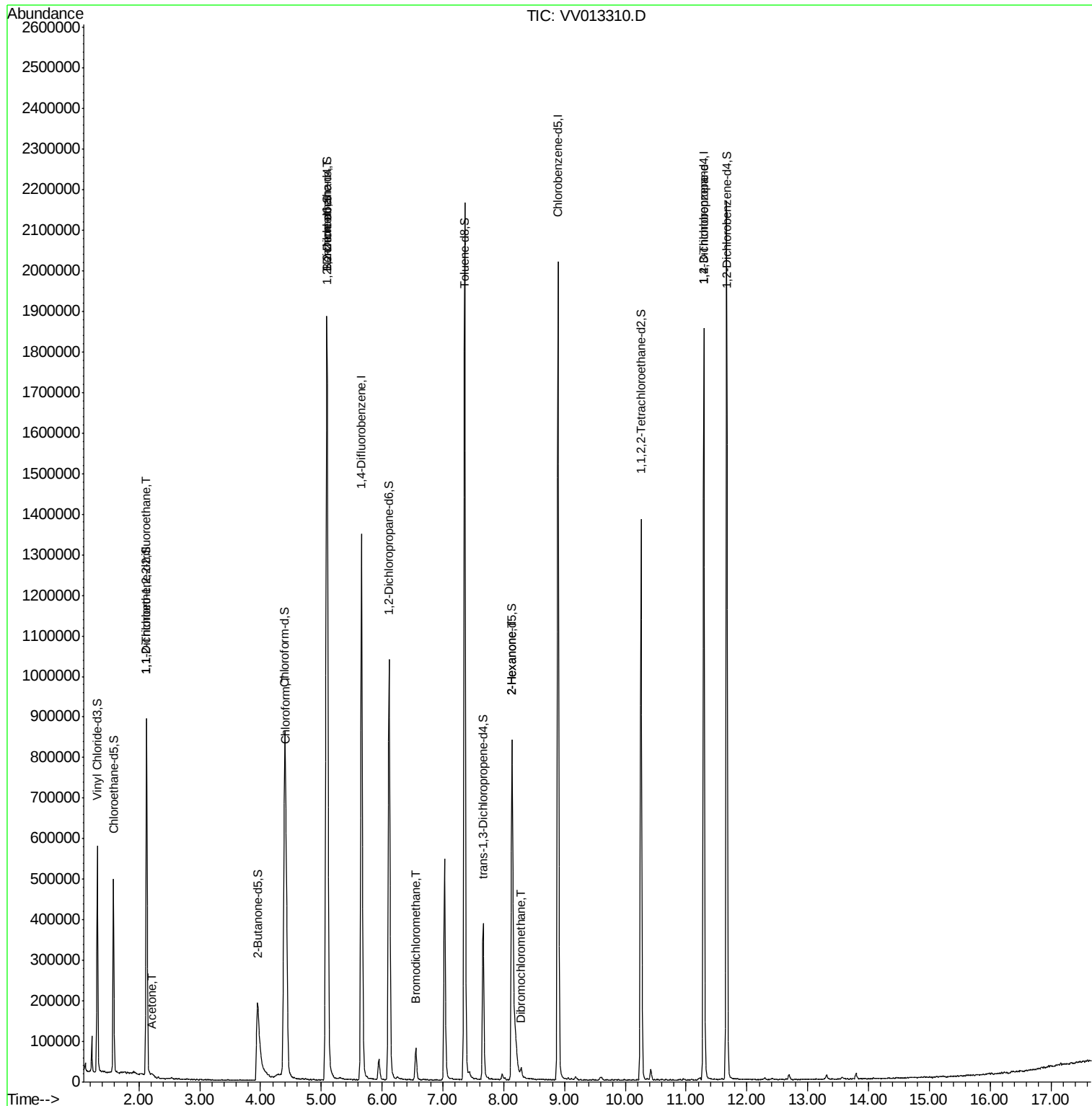
(#) = qualifier out of range (m) = manual integration (+) = signals summed

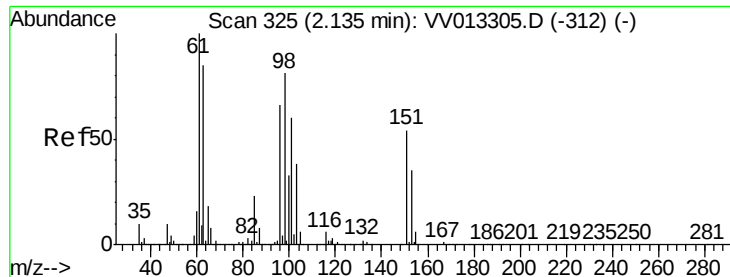
Data File : VV013310.D

```
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Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration





#10

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

Concen: 0.915 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013310.D

Acq: 23 Oct 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

C0052

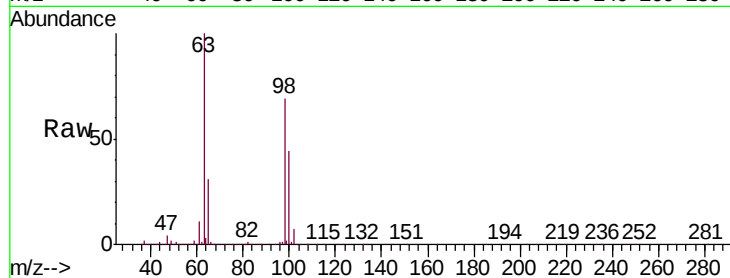
Tgt Ion:101 Resp: 5765

Ion Ratio Lower Upper

101 100

85 2.0 31.4 47.2#

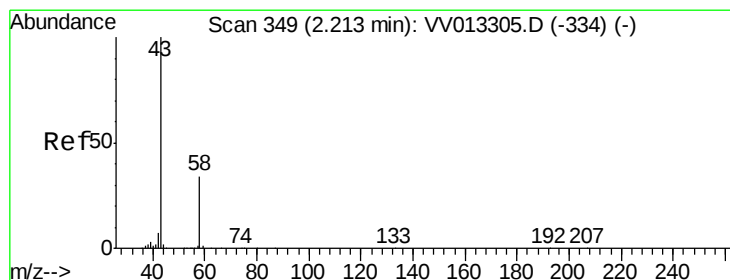
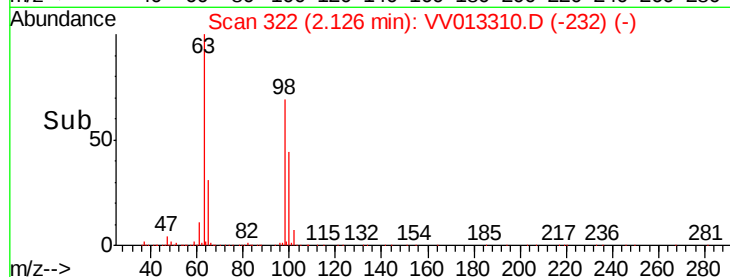
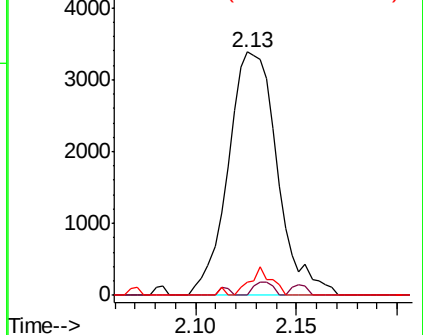
151 5.0 74.6 112.0#



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: 1.593 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV013310.D

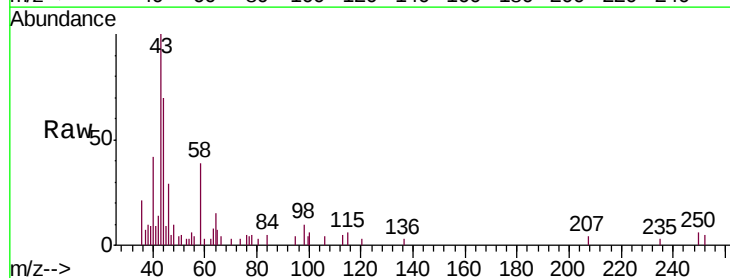
Acq: 23 Oct 2019 21:46

Tgt Ion: 43 Resp: 6267

Ion Ratio Lower Upper

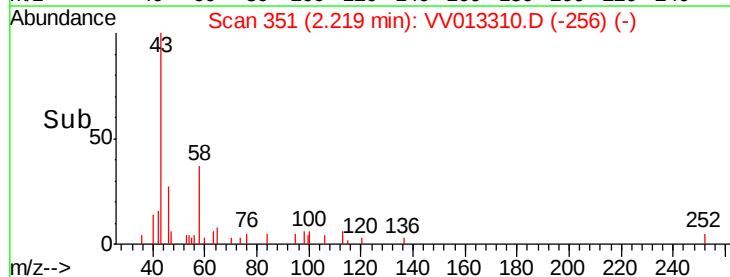
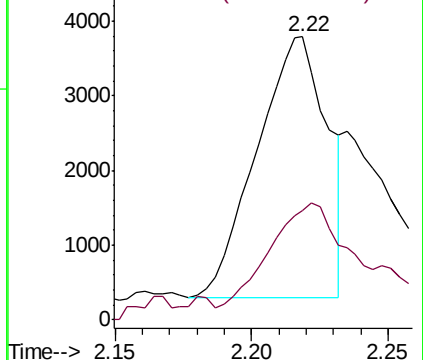
43 100

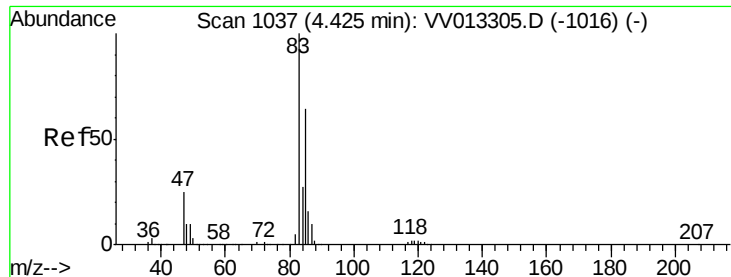
58 43.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 22.557 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

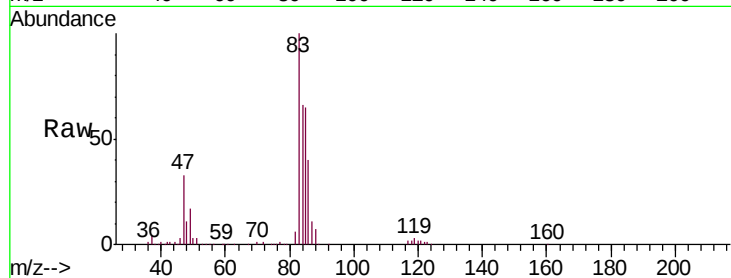
C0052

Tgt Ion: 83 Resp: 349246

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

150000

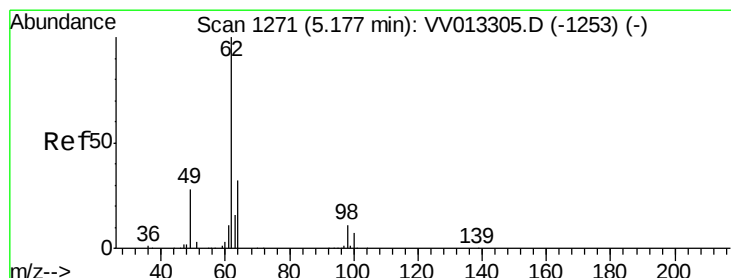
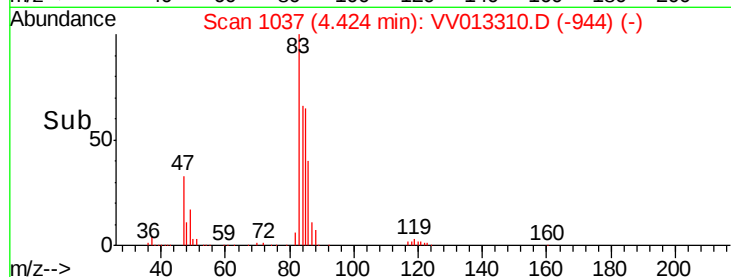
100000

50000

0

4.30 4.40 4.50

Time-->



#27

1,2-Dichloroethane

Concen: 0.817 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013310.D

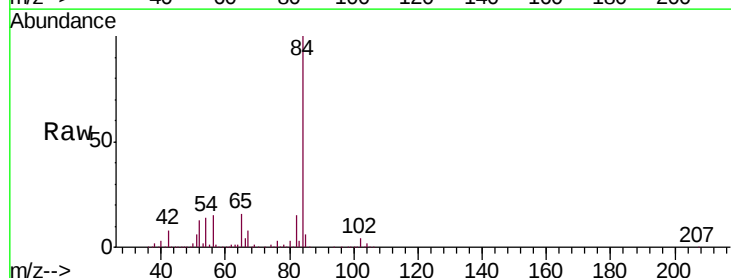
Acq: 23 Oct 2019 21:46

Tgt Ion: 62 Resp: 9223

Ion Ratio Lower Upper

62 100

98 11.4 8.5 12.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

4000

3000

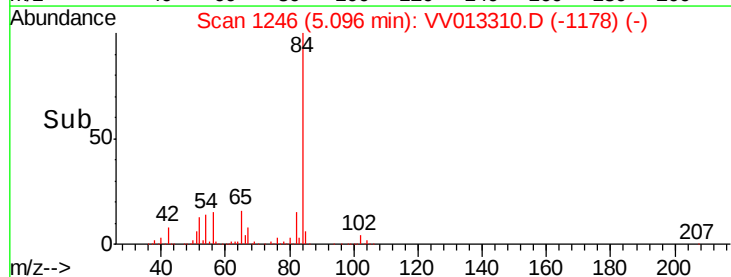
2000

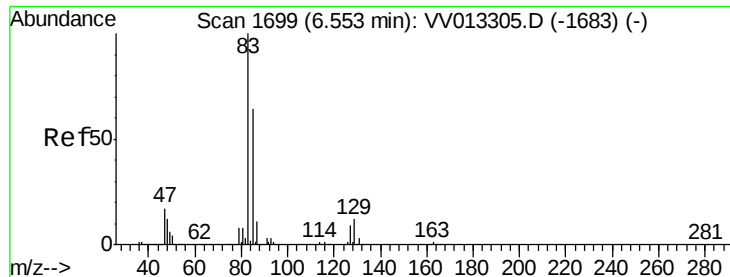
1000

0

5.00 5.05 5.10 5.15

Time-->





#38

Bromodichloromethane

Concen: 4.565 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV013310.D

Acq: 23 Oct 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

C0052

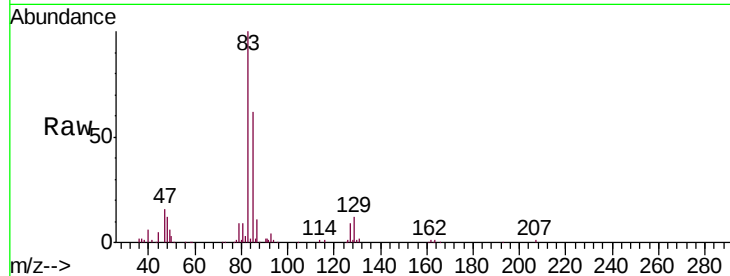
Tgt Ion: 83 Resp: 53061

Ion Ratio Lower Upper

83 100

85 62.1 44.6 82.8

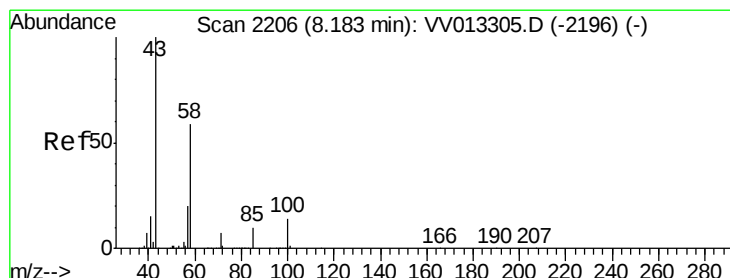
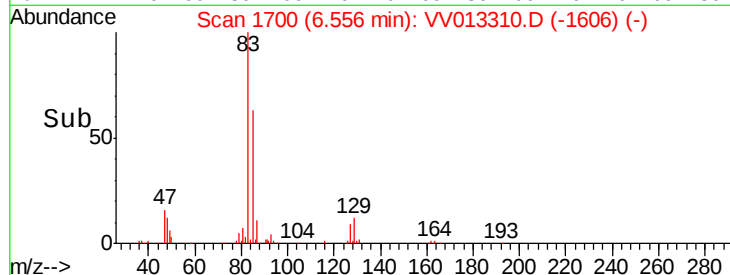
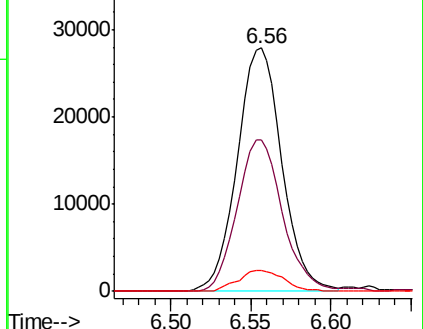
127 8.7 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VV013310.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VV013310.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VV013310.D (-1606) (-)



#48

2-Hexanone

Concen: 4.351 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV013310.D

Acq: 23 Oct 2019 21:46

Tgt Ion: 43 Resp: 38737

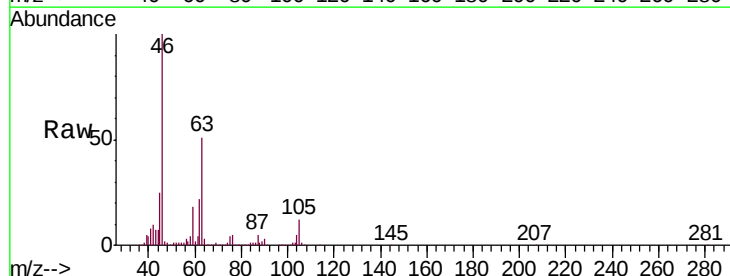
Ion Ratio Lower Upper

43 100

58 69.2 47.0 70.6

57 34.6 13.8 20.8#

100 2.1 10.2 15.4#

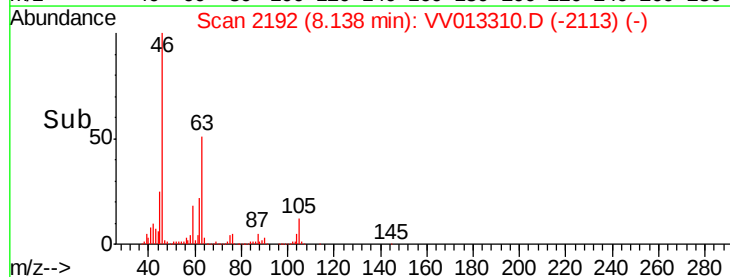
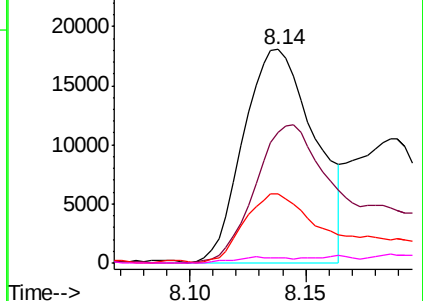


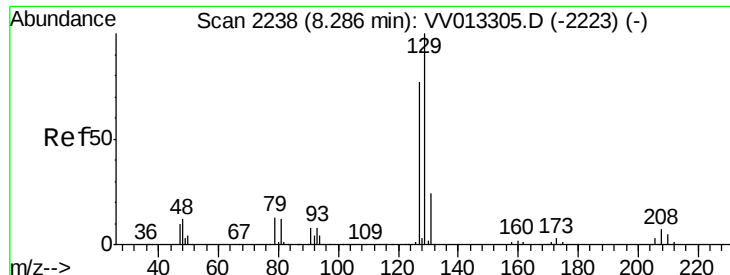
Abundance Ion 43.00 (42.70 to 43.70): VV013310.D (-2113) (-)

Ion 58.00 (57.70 to 58.70): VV013310.D (-2113) (-)

Ion 57.00 (56.70 to 57.70): VV013310.D (-2113) (-)

Ion 100.00 (99.70 to 100.70): VV013310.D (-2113) (-)





#49

Dibromochloromethane

Concen: 0.841 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VV013310.D

Acq: 23 Oct 2019 21:46

Instrument :

MSVOA_V

ClientSampleId :

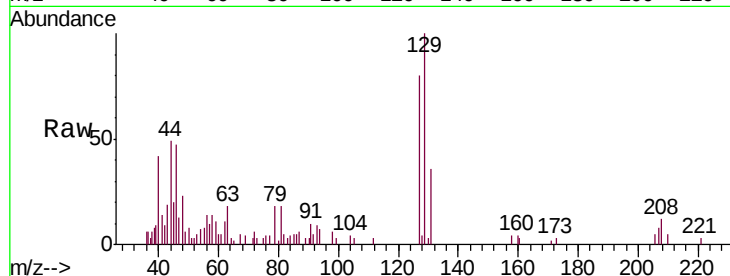
C0052

Tgt Ion:129 Resp: 8281

Ion Ratio Lower Upper

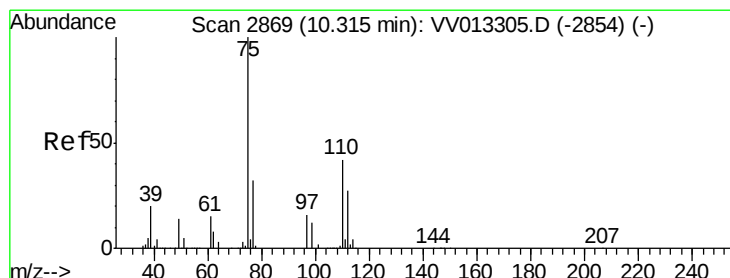
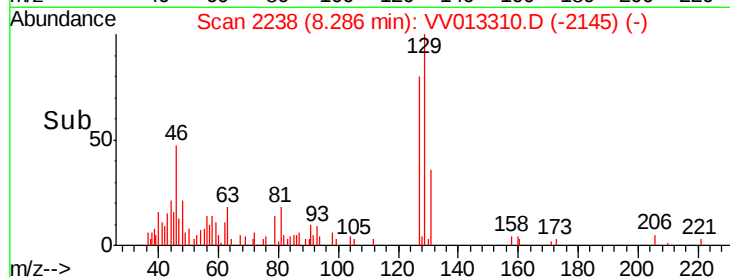
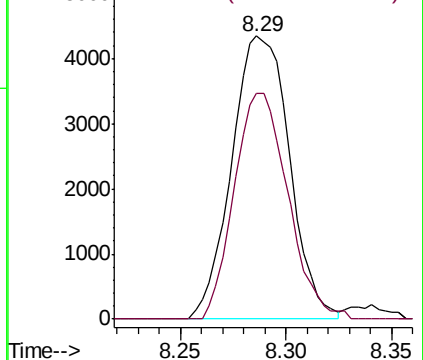
129 100

127 79.8 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.626 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV013310.D

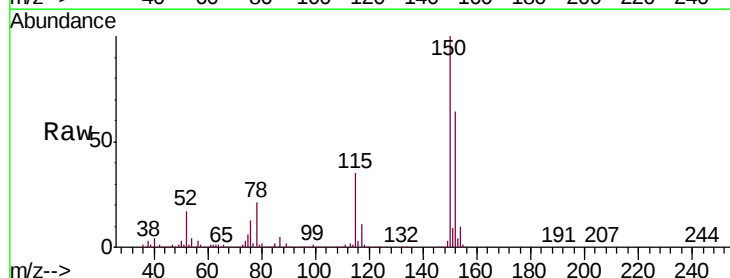
Acq: 23 Oct 2019 21:46

Tgt Ion: 75 Resp: 50928

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

