

Data File : VV010832.D
Acq On : 11 May 2019 00:51
Operator : SY/MD
Sample : K2692-18
Misc : 5.20G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5181

Quant Time: May 11 05:07:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81609	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	77789	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	24716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24347	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	1.56	69	25639	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.32%
10) 1,1-Dichloroethene-d2	2.12	63	42595	15.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.96%
20) 2-Butanone-d5	3.92	46	24026	63.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.30%
24) Chloroform-d	4.39	84	61854	27.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	5.08	65	42280	30.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.72%
29) Benzene-d6	5.09	84	108827	26.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.32%
33) 1,2-Dichloropropane-d6	6.11	67	38866	29.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.16%
37) Toluene-d8	7.36	98	88608	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	14213	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.60%
39) 2-Hexanone-d5	8.13	63	16689	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33942	27.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.72%
61) 1,2-Dichlorobenzene-d4	11.67	152	24241	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

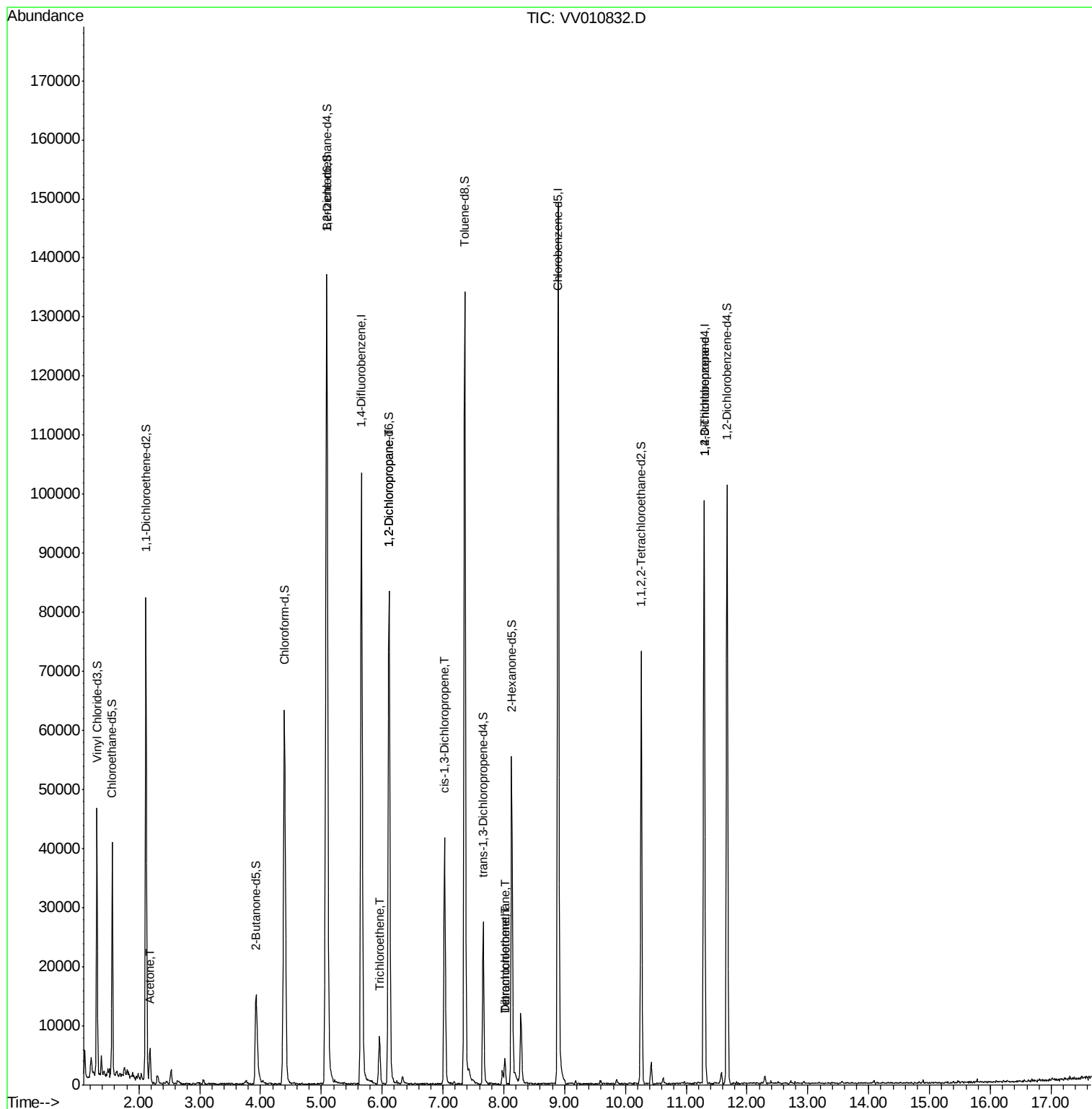
					Qvalue
13) Acetone	2.18	43	4433	7.527 ug/L	96
35) Trichloroethene	5.96	95	2439	1.907 ug/L	91
40) 1,2-Dichloropropane	6.11	63	4825	3.972 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1176	0.612 ug/L #	47
47) Tetrachloroethene	8.02	164	774	0.836 ug/L	94
50) Dibromochloromethane	8.02	129	977	0.851 ug/L #	10
59) 1,2,3-Trichloropropane	11.29	75	3467	3.398 ug/L	94

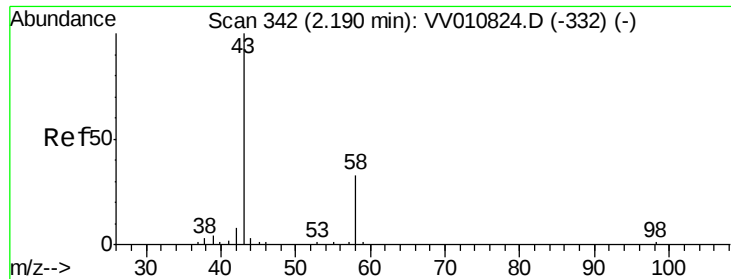
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.527 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010832.D

Acq: 11 May 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

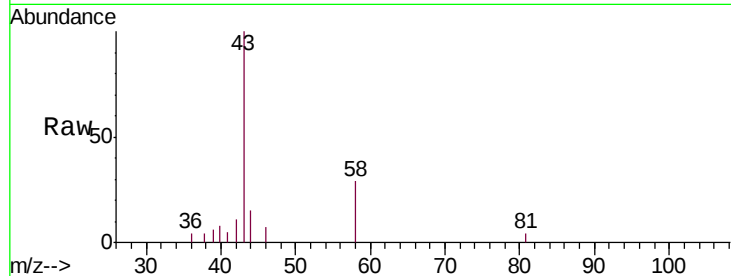
A5181

Tgt Ion: 43 Resp: 4433

Ion Ratio Lower Upper

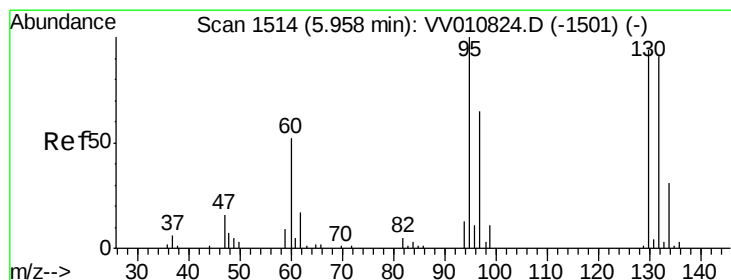
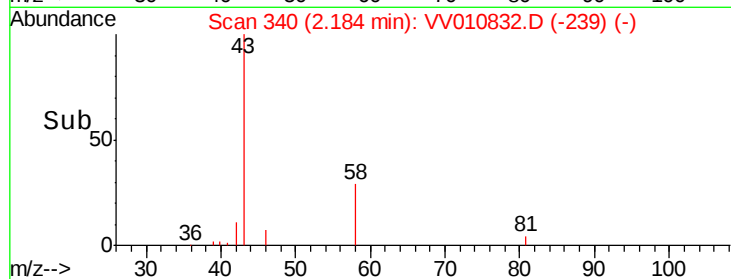
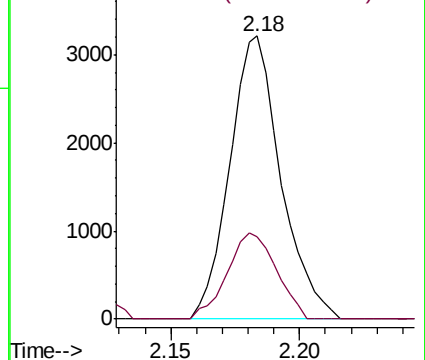
43 100

58 29.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010832.D (-239) (-)

Ion 58.00 (57.70 to 58.70): VV010832.D (-239) (-)



#35

Trichloroethene

Concen: 1.907 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010832.D

Acq: 11 May 2019 00:51

Tgt Ion: 95 Resp: 2439

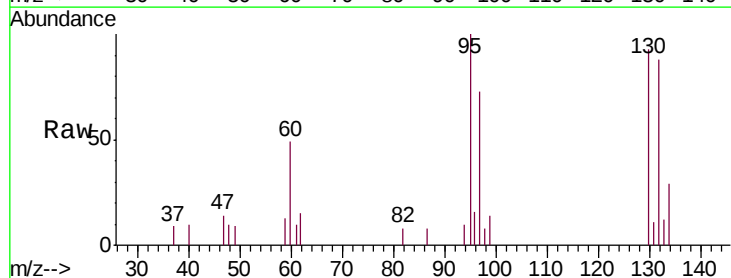
Ion Ratio Lower Upper

95 100

97 73.6 44.3 82.3

132 92.3 62.4 115.8

130 87.2 68.5 127.3

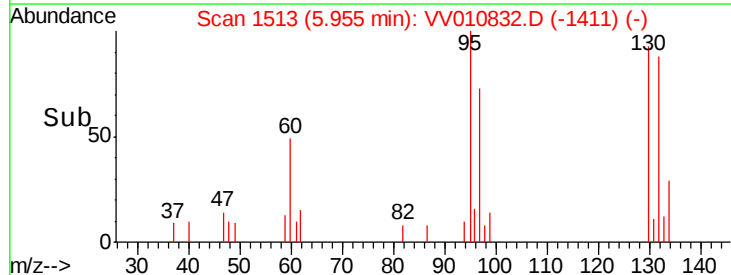
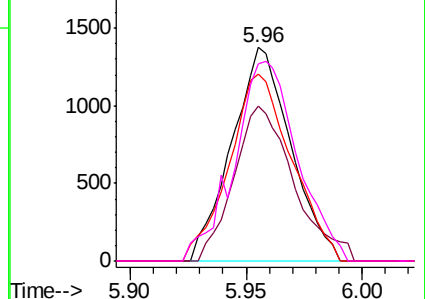


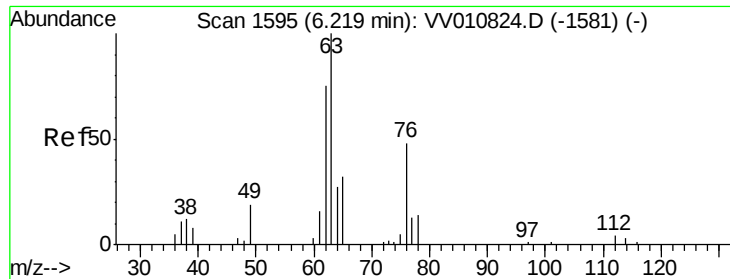
Abundance Ion 95.00 (94.70 to 95.70): VV010832.D (-1411) (-)

Ion 97.00 (96.70 to 97.70): VV010832.D (-1411) (-)

Ion 132.00 (131.70 to 132.70): VV010832.D (-1411) (-)

Ion 130.00 (129.70 to 130.70): VV010832.D (-1411) (-)

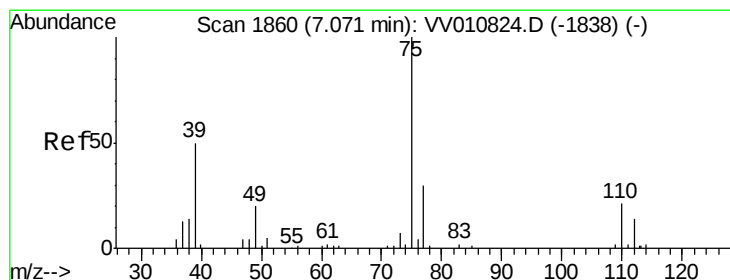
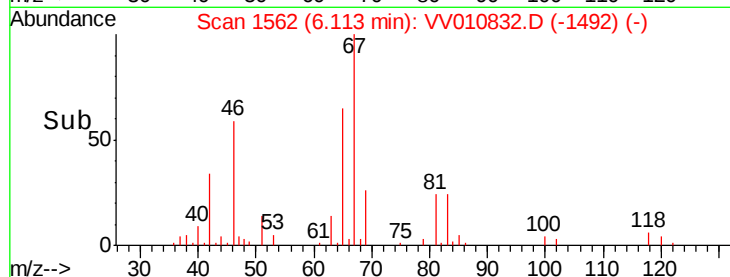
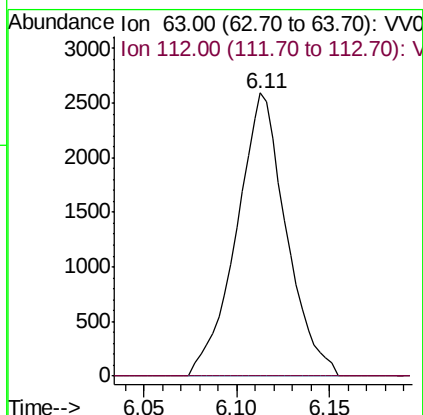
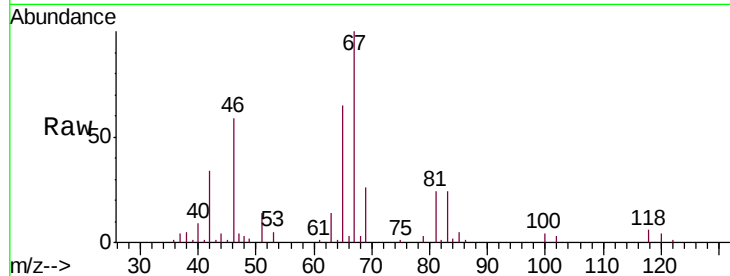




#40
 1,2-Dichloropropane
 Concen: 3.972 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010832.D
 Acq: 11 May 2019 00:51

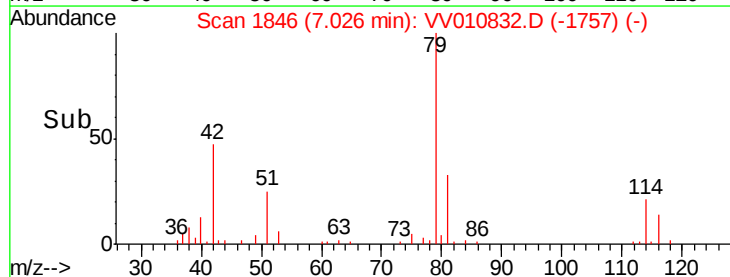
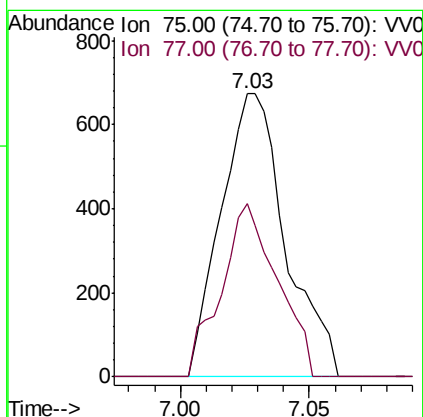
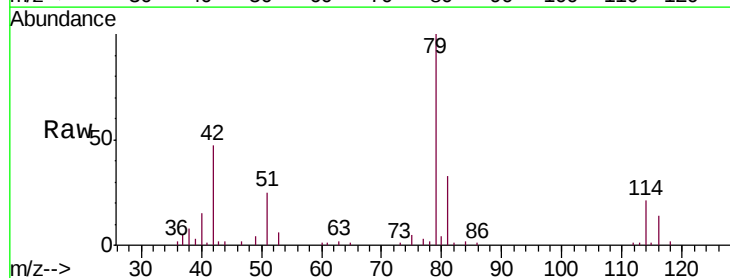
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 MSVOA_V
 ClientSampleId :
 A5181

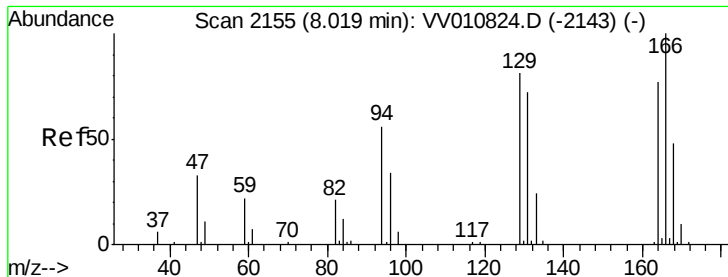
Tgt Ion: 63 Resp: 4825
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV010832.D
 Acq: 11 May 2019 00:51

Tgt Ion: 75 Resp: 1176
 Ion Ratio Lower Upper
 75 100
 77 61.2 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.836 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010832.D

Acq: 11 May 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

A5181

Tgt Ion:164 Resp: 774

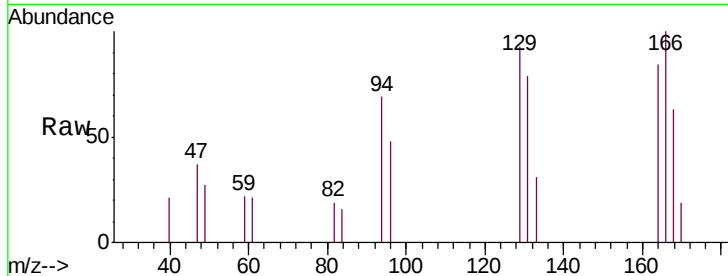
Ion Ratio Lower Upper

164 100

129 110.5 69.3 128.7

131 93.0 67.3 125.1

166 118.4 81.1 150.7

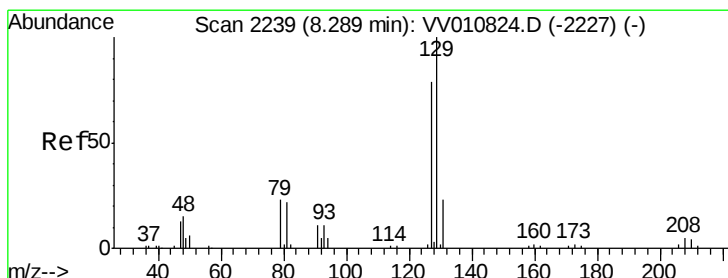
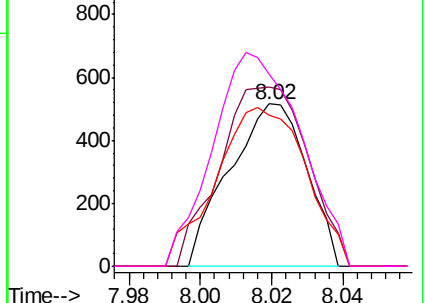
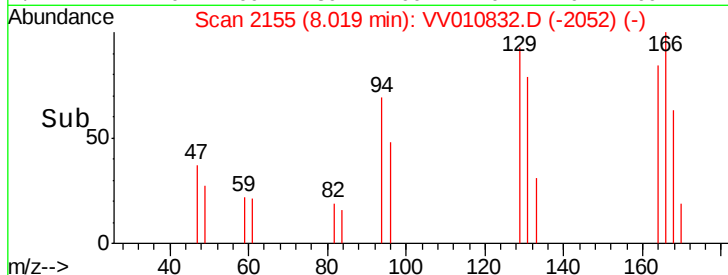


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 0.851 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010832.D

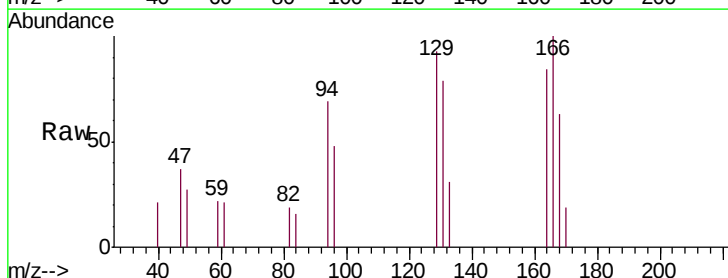
Acq: 11 May 2019 00:51

Tgt Ion:129 Resp: 977

Ion Ratio Lower Upper

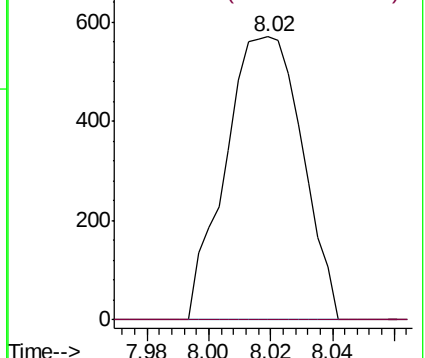
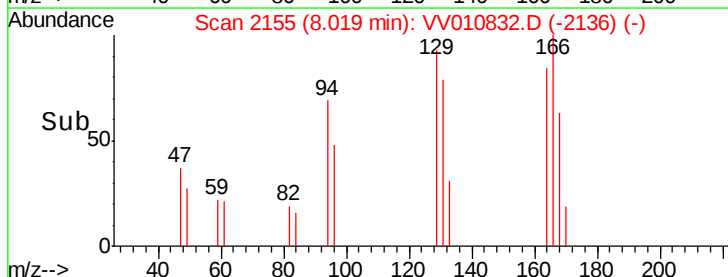
129 100

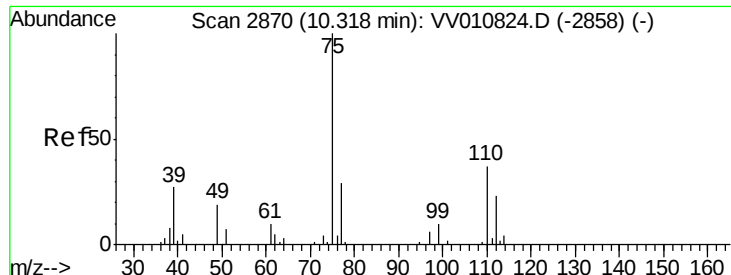
127 0.0 54.5 101.1#



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: 3.398 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010832.D

Acq: 11 May 2019 00:51

Instrument :

MSVOA_V

ClientSampleId :

A5181

Tgt Ion: 75 Resp: 3467

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.6

