

Data File : VV009669.D
Acq On : 14 Mar 2019 16:46
Operator : SY/MD
Sample : K1885-06
Misc : 5.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF190

Quant Time: Mar 15 04:33:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	107515	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32596	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
7) Chloroethane-d5	1.57	69	32458	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
10) 1,1-Dichloroethene-d2	2.13	63	65628	17.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.64%
20) 2-Butanone-d5	3.93	46	24947	69.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.56%#
24) Chloroform-d	4.40	84	59646	21.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.04%
26) 1,2-Dichloroethane-d4	5.08	65	41570	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
29) Benzene-d6	5.10	84	130546	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	6.12	67	40076	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	7.36	98	125650	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	7.66	79	16644	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	18209	60.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42645	27.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	42026	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

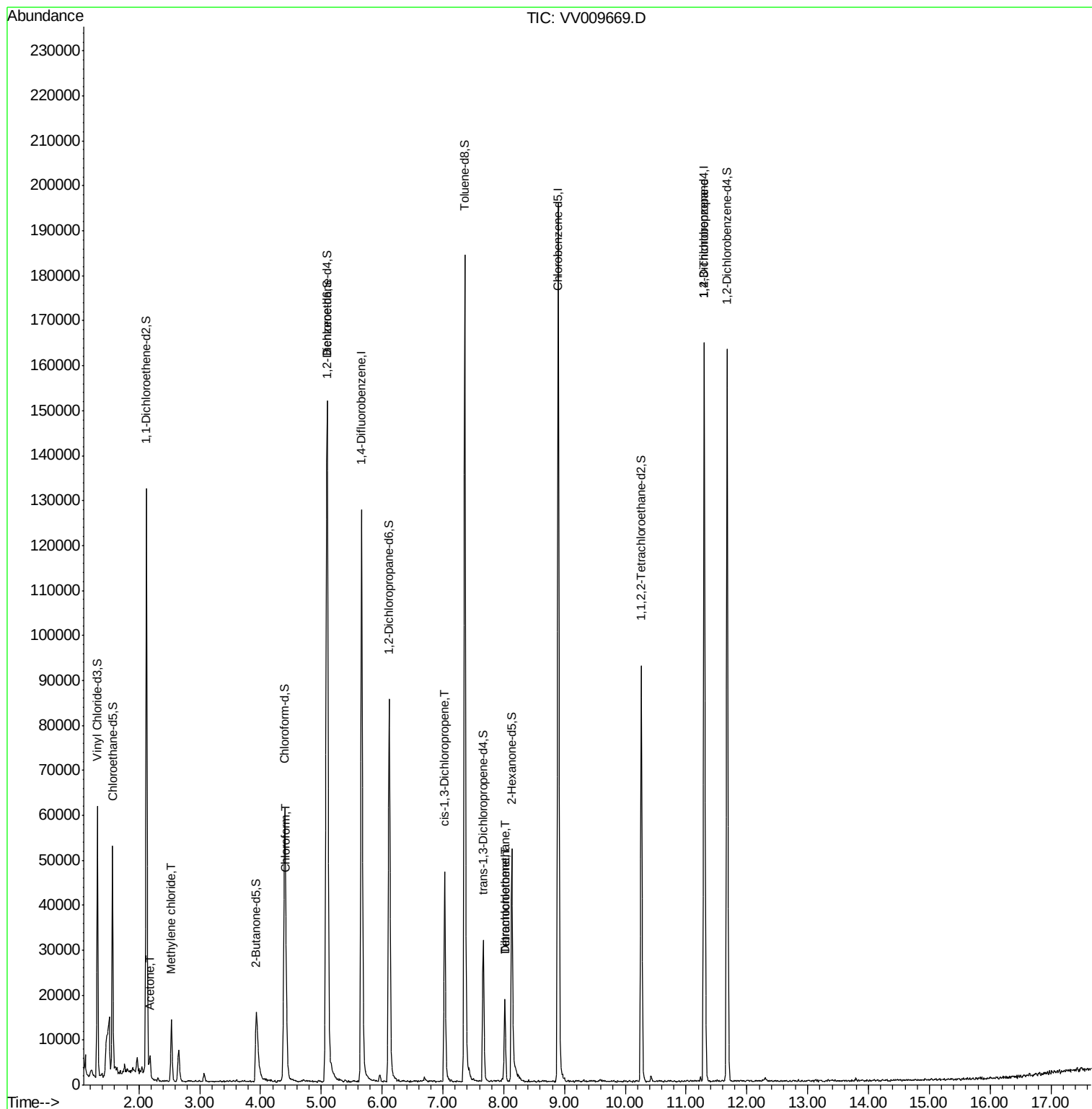
						Qvalue
13) Acetone	2.19	43	1339	3.085	ug/L	91
16) Methylene chloride	2.53	84	5420	3.463	ug/L	95
25) Chloroform	4.43	83	5920	2.119	ug/L	90
42) cis-1,3-Dichloropropene	7.03	75	1522	0.684	ug/L #	71
47) Tetrachloroethene	8.02	164	3793	2.866	ug/L	88
50) Dibromochloromethane	8.02	129	3750	2.700	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	6894	6.047	ug/L	91

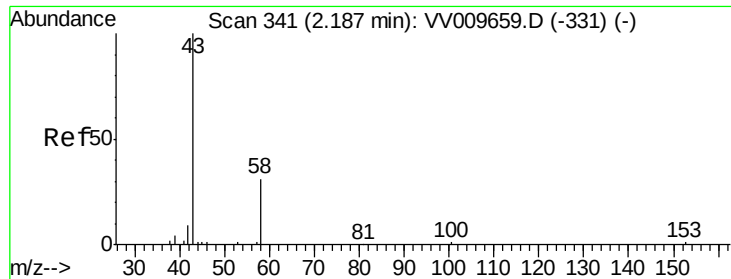
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.085 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV009669.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

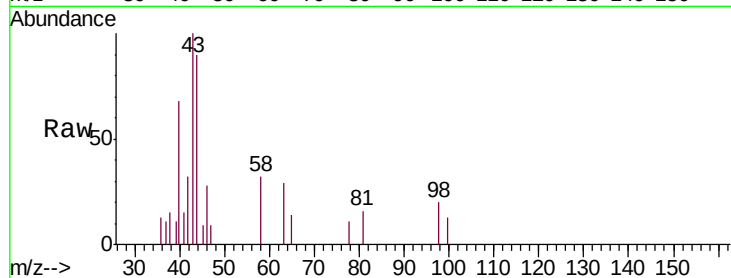
BF190

Tgt Ion: 43 Resp: 1339

Ion Ratio Lower Upper

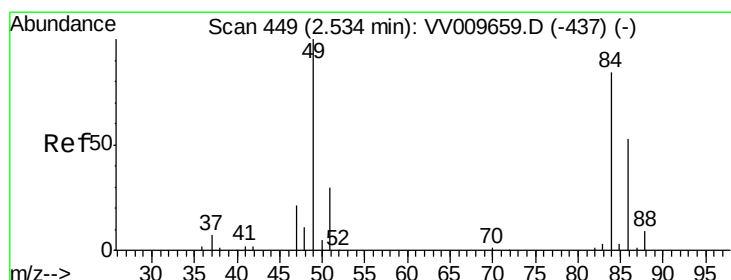
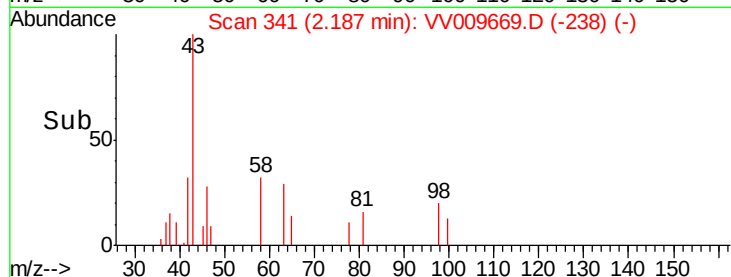
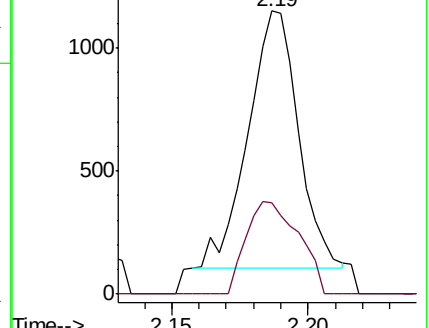
43 100

58 37.5 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009659.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009659.D (-331) (-)



#16

Methylene chloride

Concen: 3.463 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009669.D

Acq: 14 Mar 2019 16:46

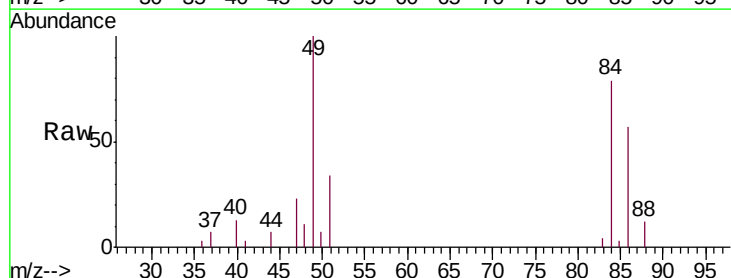
Tgt Ion: 84 Resp: 5420

Ion Ratio Lower Upper

84 100

49 126.3 86.1 159.9

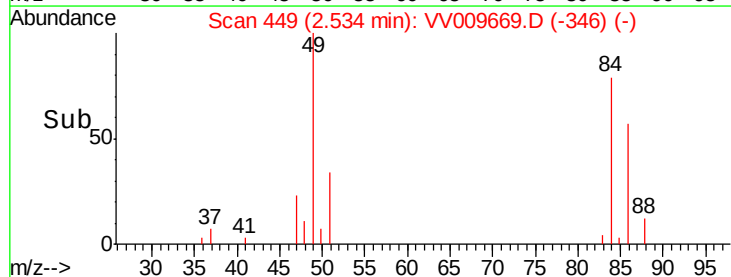
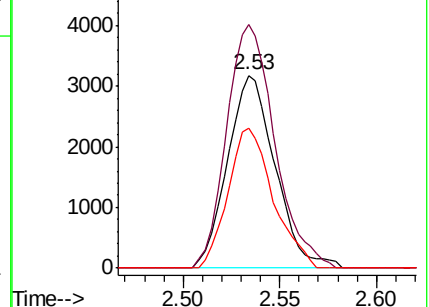
86 72.5 45.2 84.0

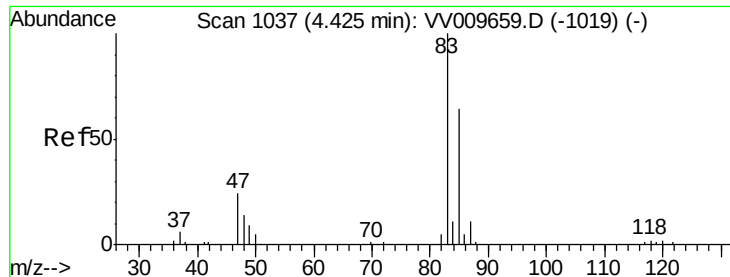


Abundance Ion 84.00 (83.70 to 84.70): VV009659.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009659.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009659.D (-437) (-)

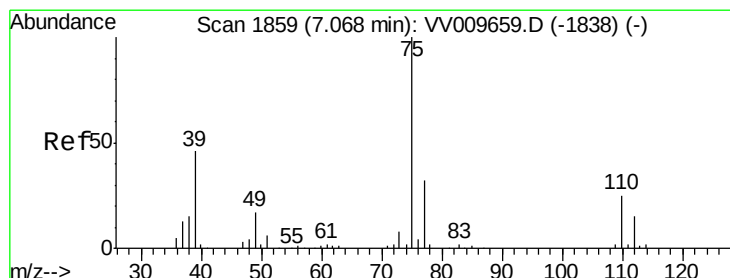
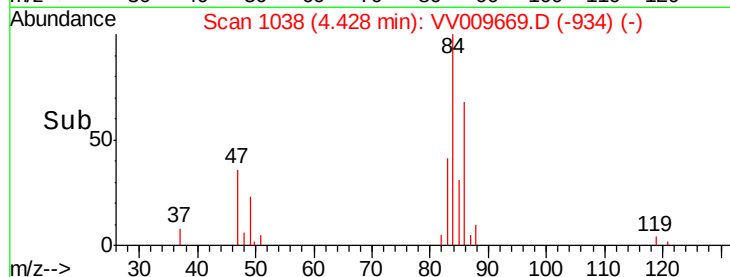
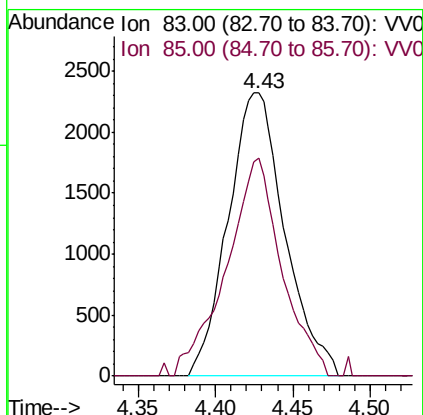
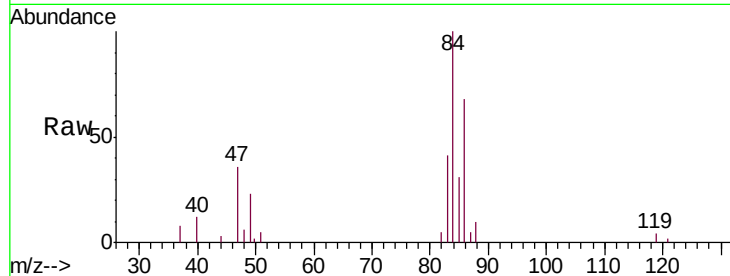




#25
Chloroform
Concen: 2.119 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009669.D
Acq: 14 Mar 2019 16:46

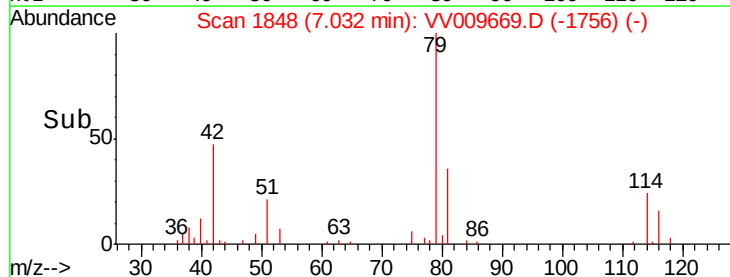
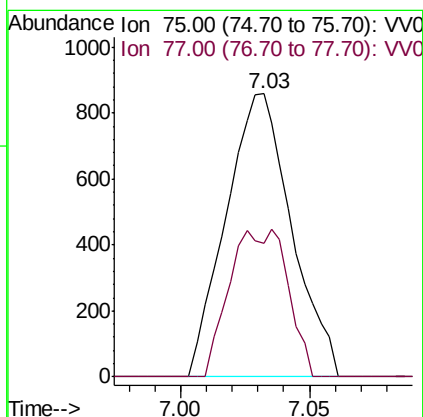
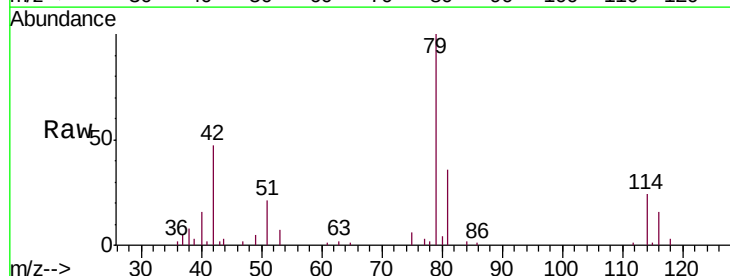
Instrument :
MSVOA_V
ClientSampled :
BF190

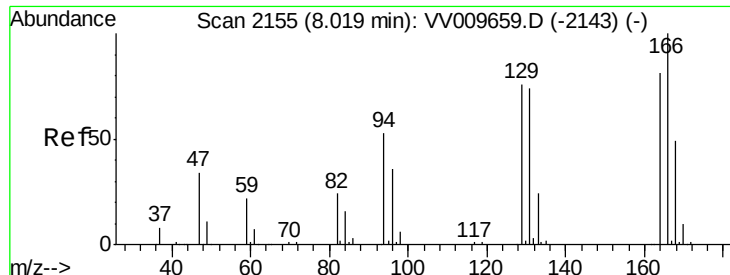
Tgt Ion: 83 Resp: 5920
Ion Ratio Lower Upper
83 100
85 73.9 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009669.D
Acq: 14 Mar 2019 16:46

Tgt Ion: 75 Resp: 1522
Ion Ratio Lower Upper
75 100
77 47.4 22.0 40.8#





#47

Tetrachloroethene

Concen: 2.866 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009669.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

BF190

Tgt Ion:164 Resp: 3793

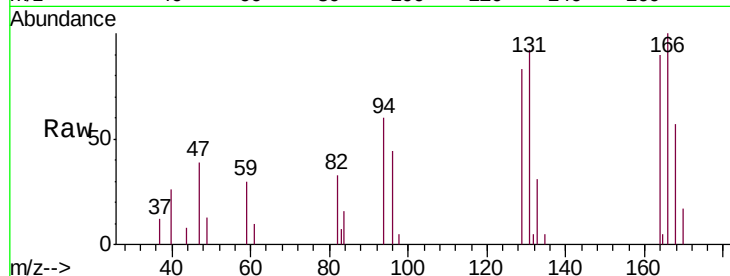
Ion Ratio Lower Upper

164 100

129 86.9 69.0 128.1

131 96.1 65.7 122.1

166 105.0 89.4 166.0

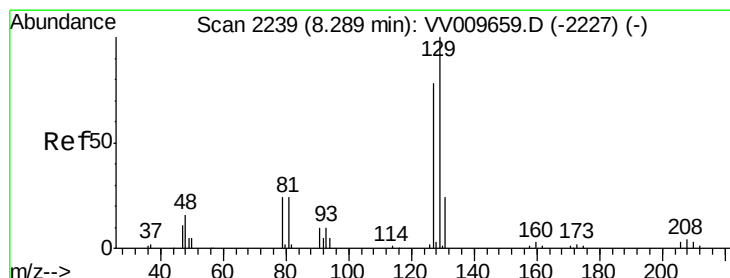
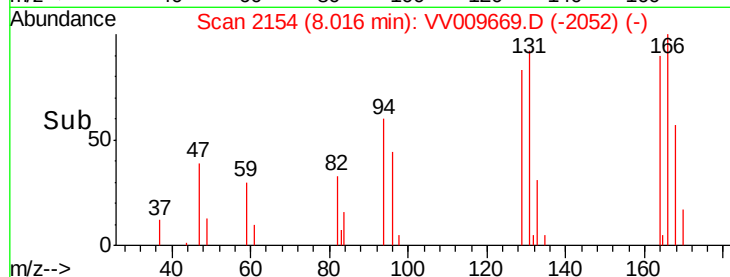
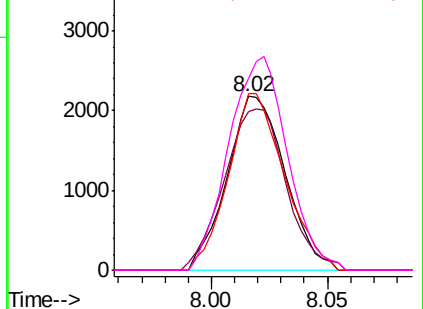


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.700 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009669.D

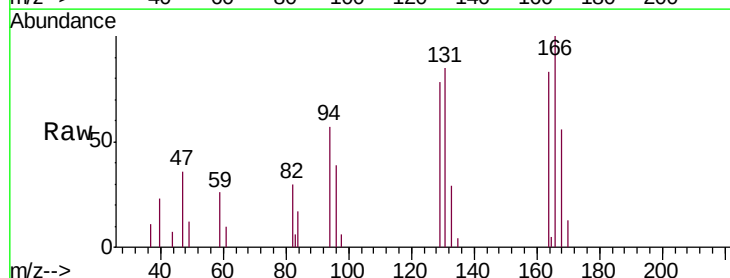
Acq: 14 Mar 2019 16:46

Tgt Ion:129 Resp: 3750

Ion Ratio Lower Upper

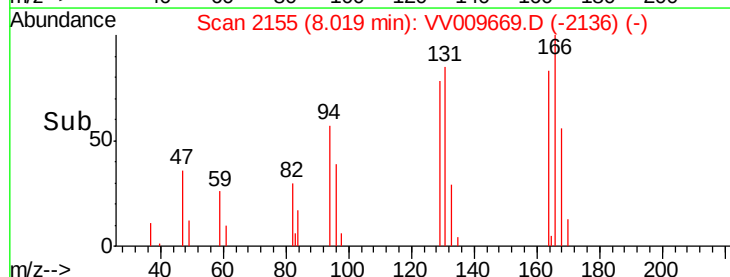
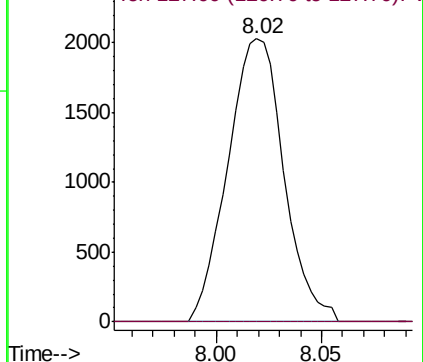
129 100

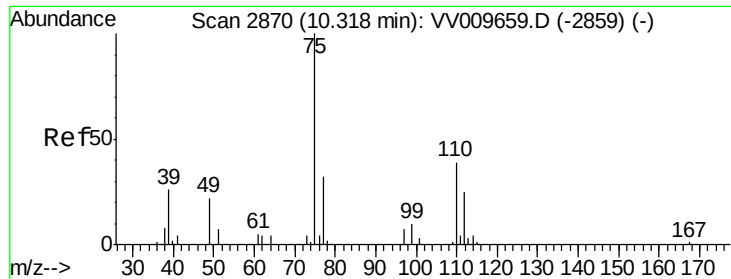
127 0.0 55.4 102.8#



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: 6.047 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009669.D

Acq: 14 Mar 2019 16:46

Instrument :

MSVOA_V

ClientSampleId :

BF190

Tgt Ion: 75 Resp: 6894

Ion Ratio Lower Upper

75 100

77 36.8 25.3 37.9

