

Data File : VV009668.D
Acq On : 14 Mar 2019 16:19
Operator : SY/MD
Sample : K1885-05
Misc : 5.45G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF189

Quant Time: Mar 15 04:33:41 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	141787	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136729	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57762	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44098	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
7) Chloroethane-d5	1.57	69	45252	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	2.13	63	93946	19.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.68%
20) 2-Butanone-d5	3.93	46	23963	50.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.92%
24) Chloroform-d	4.40	84	83739	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.08	65	56348	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	5.10	84	186533	26.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.04%
33) 1,2-Dichloropropane-d6	6.12	67	57509	27.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.76%
37) Toluene-d8	7.36	98	182023	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	7.66	79	24082	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
39) 2-Hexanone-d5	8.13	63	18726	48.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50201	25.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	58353	26.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.32%

Target Compounds

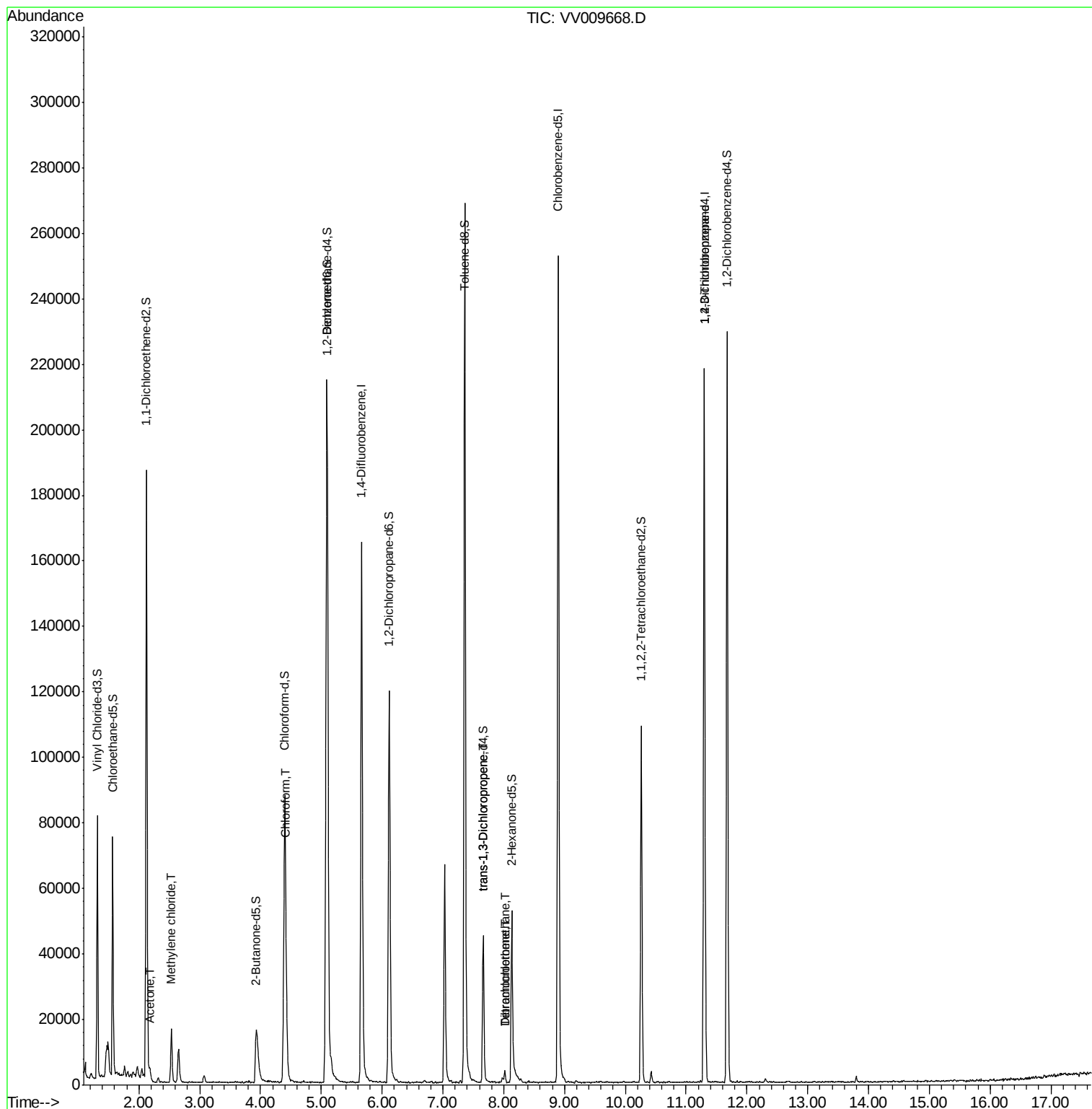
						Qvalue
13) Acetone	2.19	43	1432	2.501	ug/L	79
16) Methylene chloride	2.53	84	6793	3.291	ug/L	94
25) Chloroform	4.42	83	11374	3.087	ug/L	93
45) trans-1,3-Dichloropropene	7.67	75	1331	0.539	ug/L	94
47) Tetrachloroethene	8.02	164	711	0.418	ug/L	84
50) Dibromochloromethane	8.02	129	745	0.417	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7568	5.167	ug/L #	80

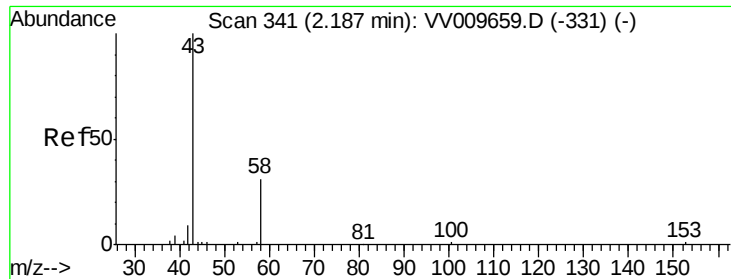
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.501 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV009668.D

Acq: 14 Mar 2019 16:19

Instrument :

MSVOA_V

ClientSampled :

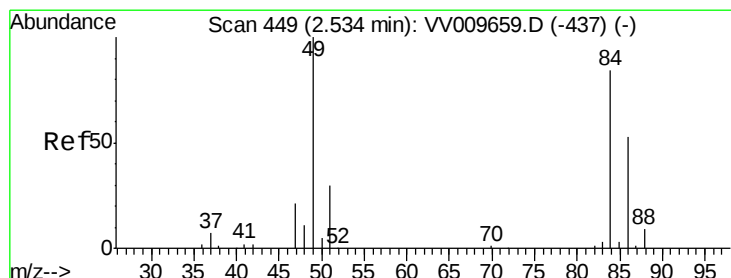
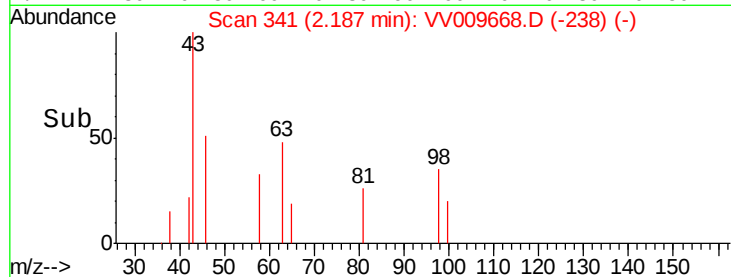
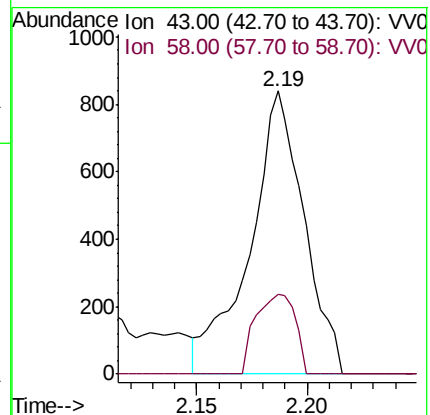
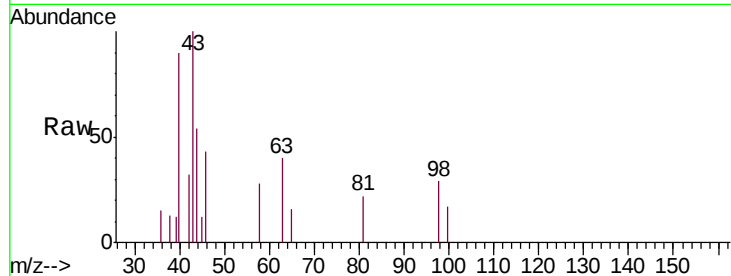
BF189

Tgt Ion: 43 Resp: 1432

Ion Ratio Lower Upper

43 100

58 20.7 0.0 64.8



#16

Methylene chloride

Concen: 3.291 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009668.D

Acq: 14 Mar 2019 16:19

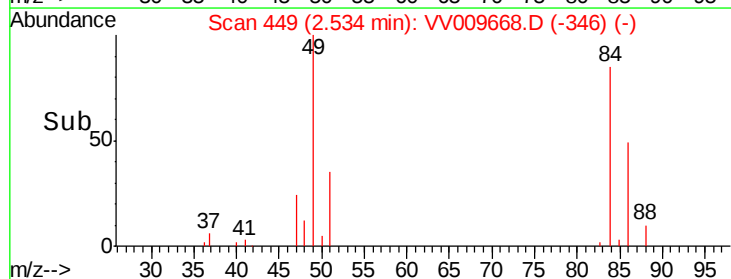
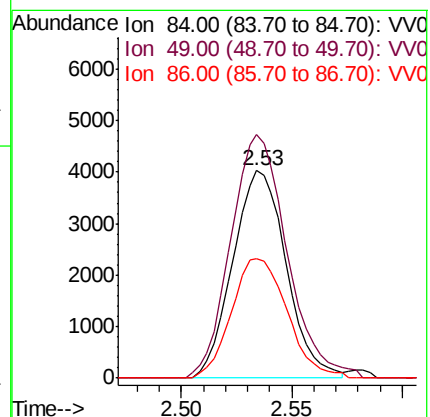
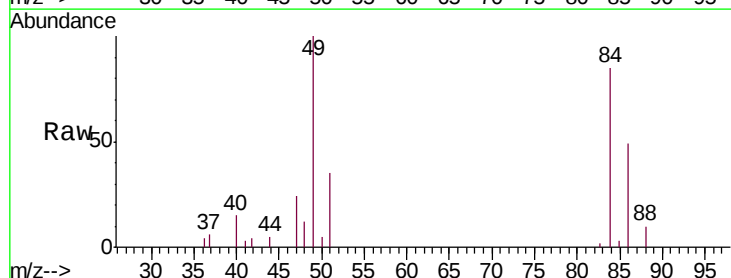
Tgt Ion: 84 Resp: 6793

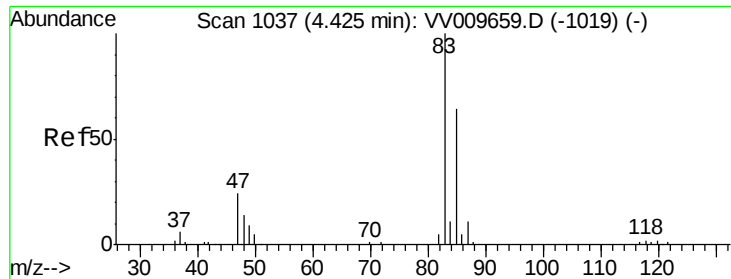
Ion Ratio Lower Upper

84 100

49 117.5 86.1 159.9

86 57.6 45.2 84.0

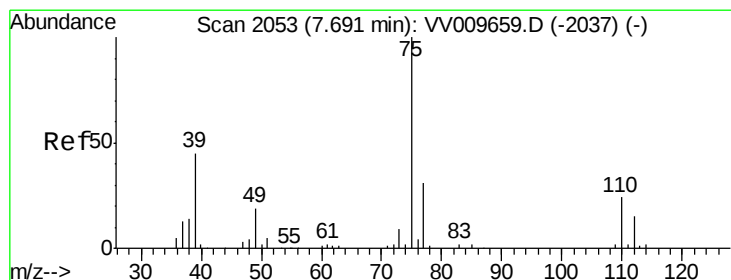
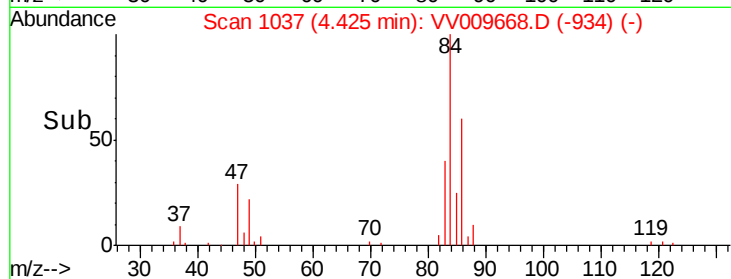
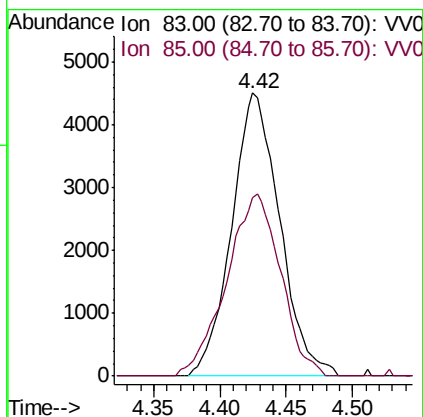
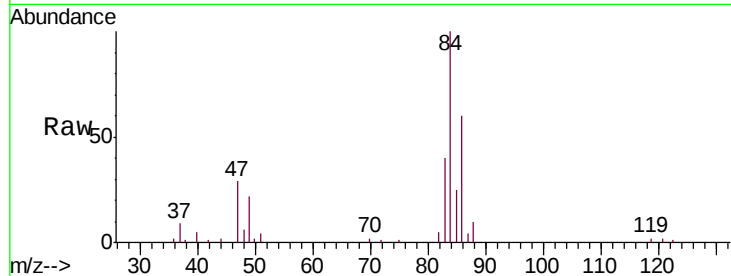




#25
Chloroform
Concen: 3.087 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009668.D
Acq: 14 Mar 2019 16:19

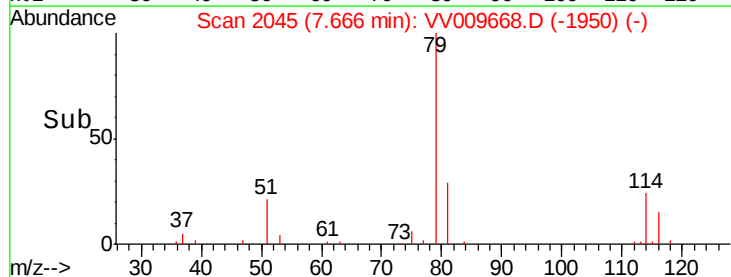
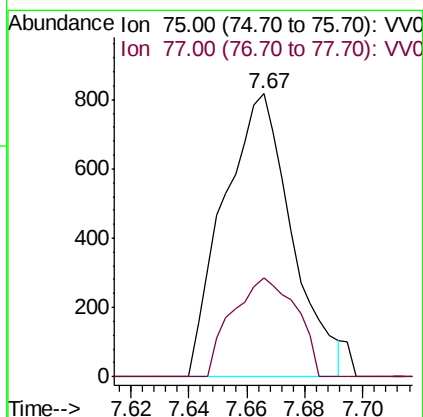
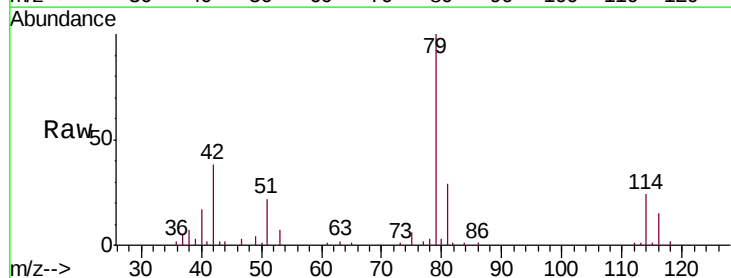
Instrument :
MSVOA_V
ClientSampleId :
BF189

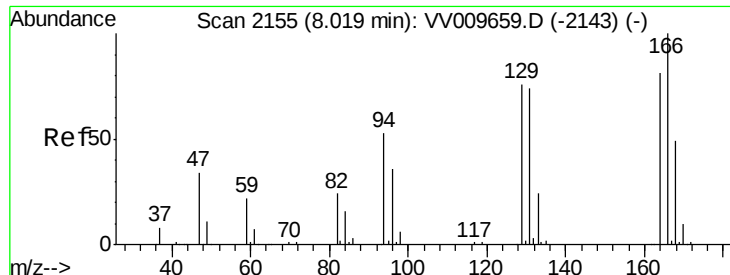
Tgt Ion: 83 Resp: 11374
Ion Ratio Lower Upper
83 100
85 72.2 46.4 86.2



#45
trans-1,3-Dichloropropene
Concen: 0.539 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009668.D
Acq: 14 Mar 2019 16:19

Tgt Ion: 75 Resp: 1331
Ion Ratio Lower Upper
75 100
77 34.8 22.0 40.8





#47

Tetrachloroethene

Concen: 0.418 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009668.D

Acq: 14 Mar 2019 16:19

Instrument :

MSVOA_V

ClientSampleId :

BF189

Tgt Ion:164 Resp: 711

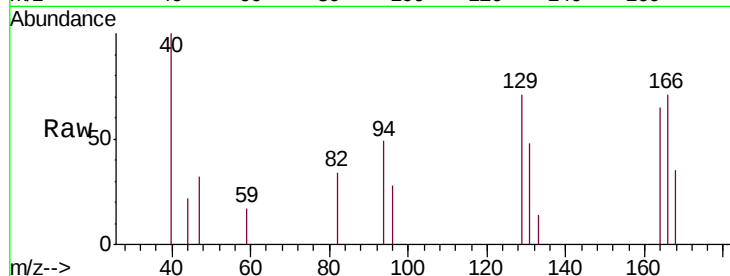
Ion Ratio Lower Upper

164 100

129 108.3 69.0 128.1

131 73.7 65.7 122.1

166 108.1 89.4 166.0

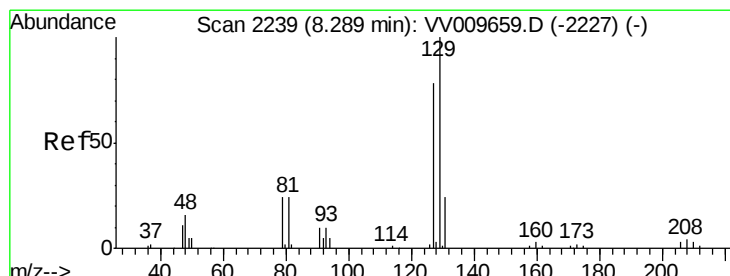
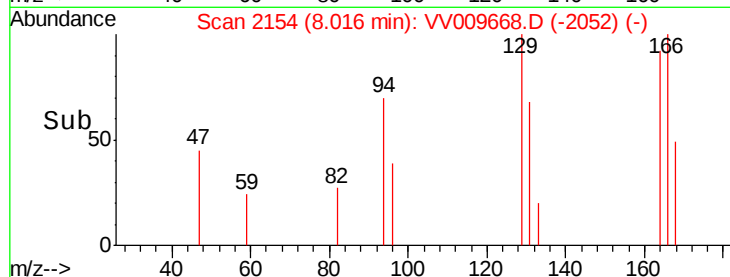
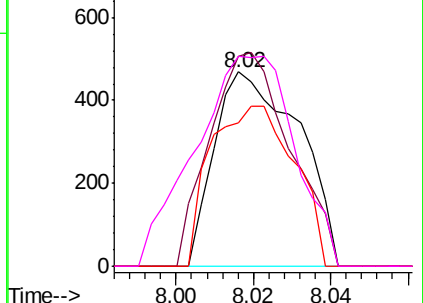


Abundance Ion 164.00 (163.70 to 164.70): V

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: 0.417 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009668.D

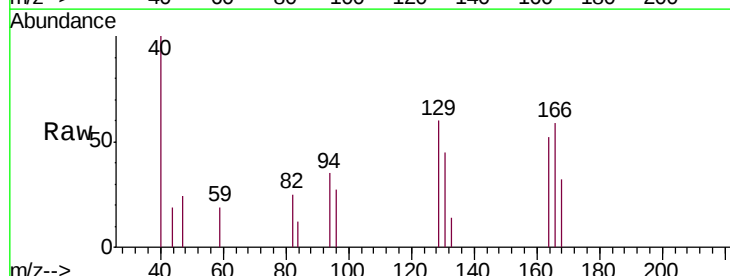
Acq: 14 Mar 2019 16:19

Tgt Ion:129 Resp: 745

Ion Ratio Lower Upper

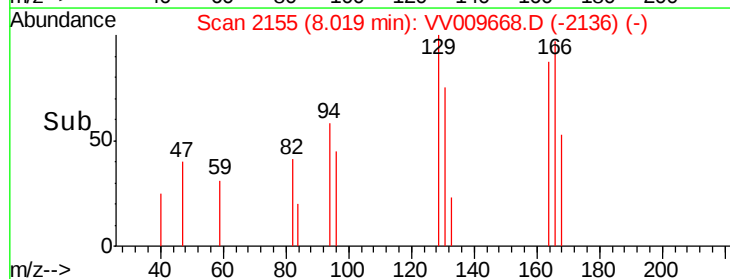
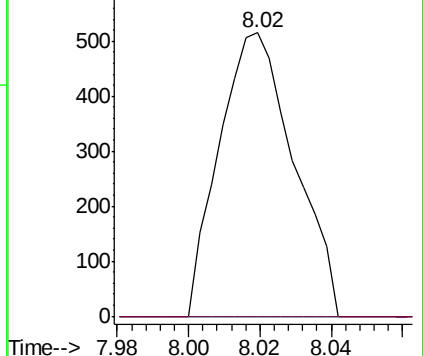
129 100

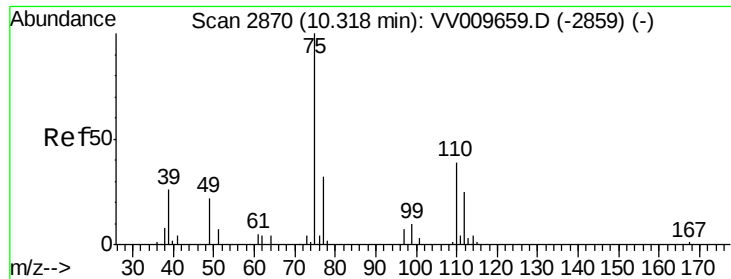
127 0.0 55.4 102.8#



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: 5.167 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009668.D

Acq: 14 Mar 2019 16:19

Instrument :

MSVOA_V

ClientSampleId :

BF189

Tgt Ion: 75 Resp: 7568

Ion Ratio Lower Upper

75 100

77 42.9 25.3 37.9#

