

Data File : VV009049.D
Acq On : 19 Dec 2018 14:27
Operator : SY/MD
Sample : VIBLK63
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK63

Quant Time: Dec 20 02:01:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	253782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55198	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	1.58	69	55779	28.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.00%
10) 1,1-Dichloroethene-d2	2.13	63	152291	23.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.76%
20) 2-Butanone-d5	3.94	46	41625	43.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.06%
24) Chloroform-d	4.40	84	135183	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	5.08	65	79859	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.10	84	274898	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	6.12	67	81191	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	7.36	98	250817	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.12%
38) trans-1,3-Dichloropropene-	7.67	79	34567	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	8.14	63	22983	36.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57306	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	75511	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds

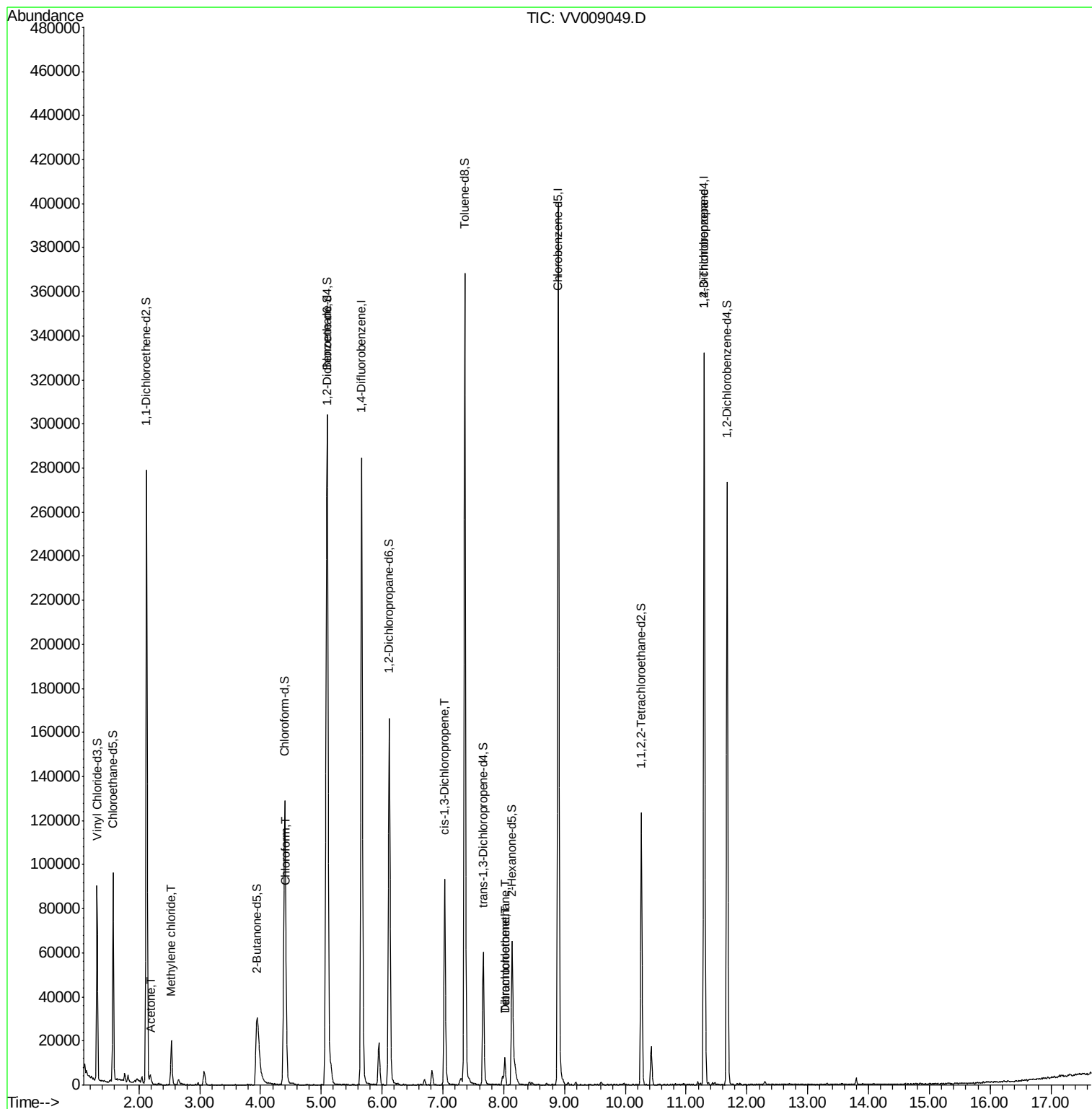
					Qvalue
13) Acetone	2.20	43	2367	1.680 ug/L	91
16) Methylene chloride	2.53	84	8508	1.991 ug/L	99
25) Chloroform	4.43	83	3913	0.636 ug/L #	36
42) cis-1,3-Dichloropropene	7.03	75	2473	0.527 ug/L #	66
47) Tetrachloroethene	8.02	164	2802	0.856 ug/L	86
50) Dibromochloromethane	8.02	129	2401	0.785 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	9805	3.926 ug/L	95

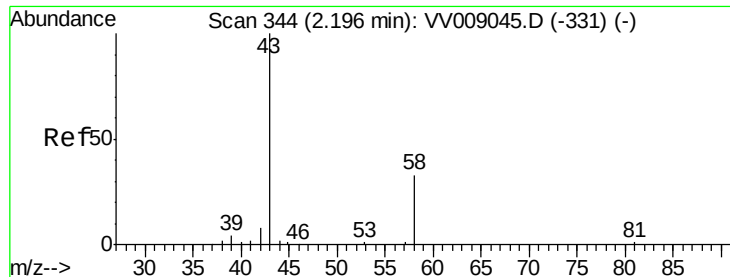
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.680 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

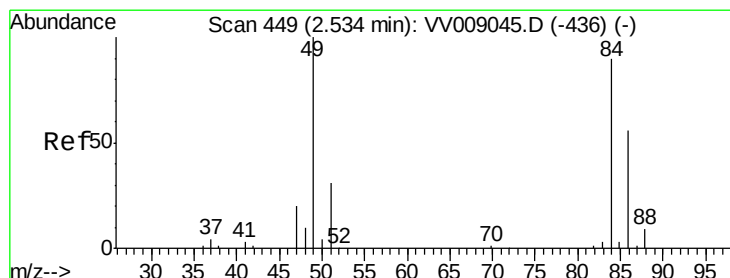
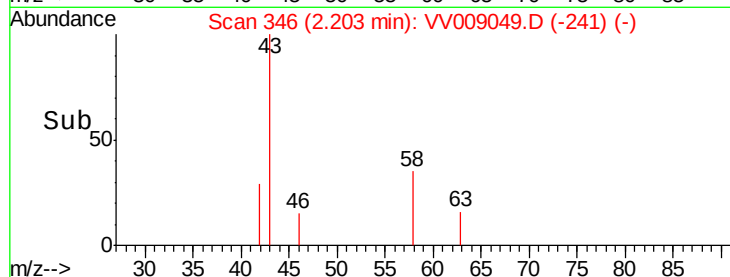
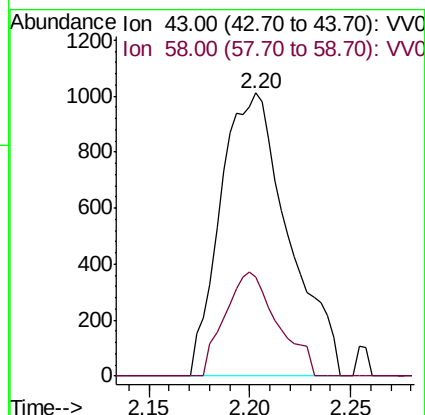
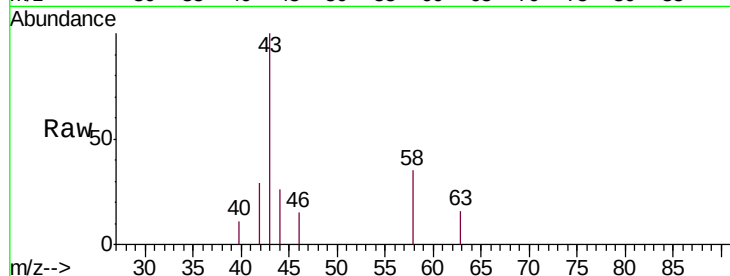
VIBLK63

Tgt Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

58 27.8 0.0 65.4



#16

Methylene chloride

Concen: 1.991 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009049.D

Acq: 19 Dec 2018 14:27

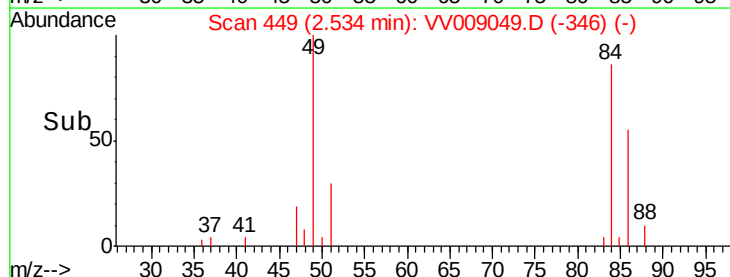
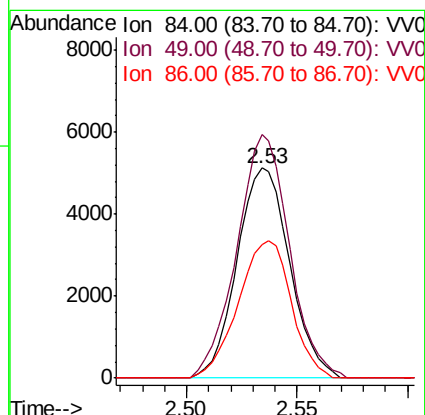
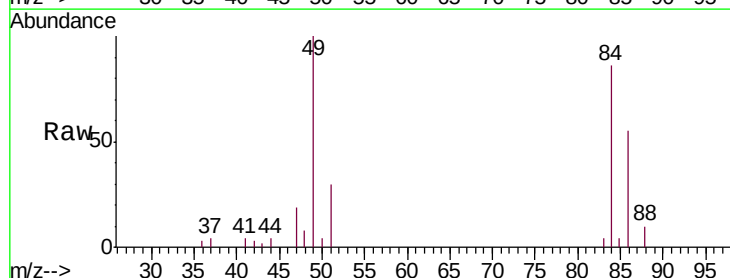
Tgt Ion: 84 Resp: 8508

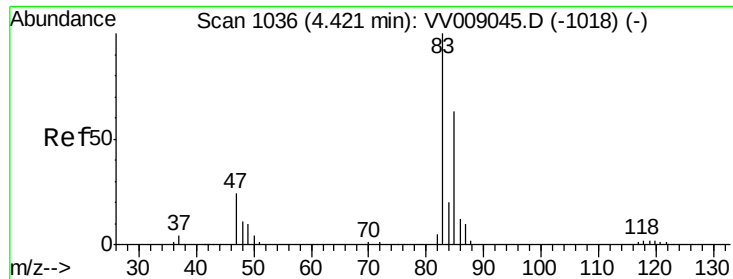
Ion Ratio Lower Upper

84 100

49 116.1 80.5 149.5

86 63.9 45.5 84.5

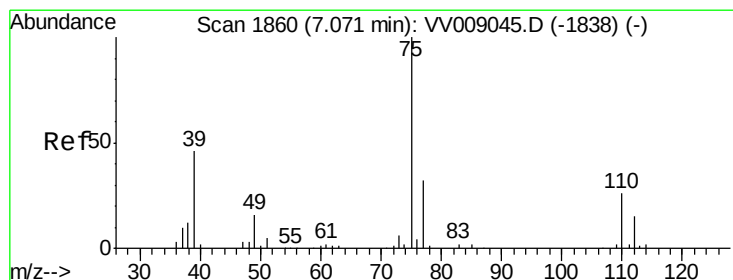
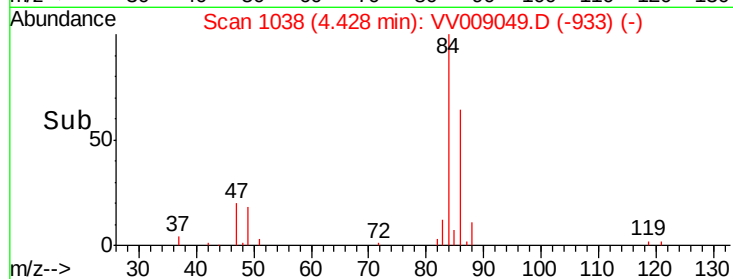
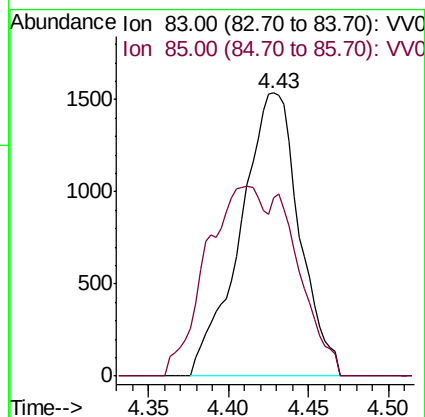
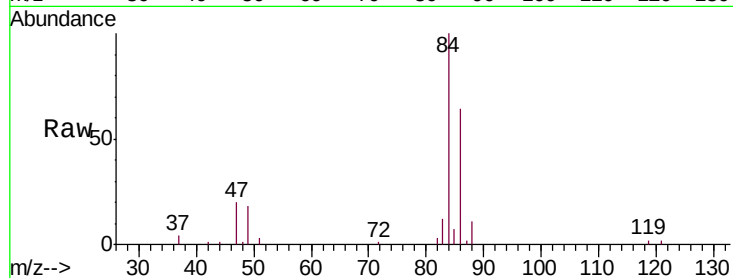




#25
Chloroform
Concen: 0.636 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009049.D
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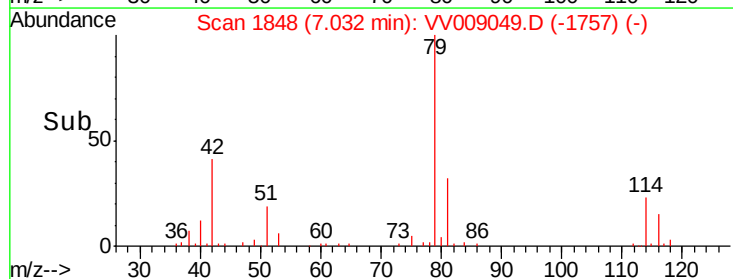
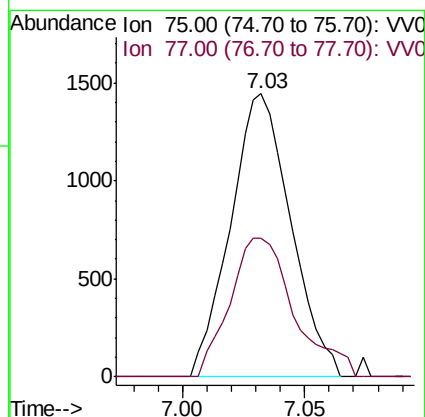
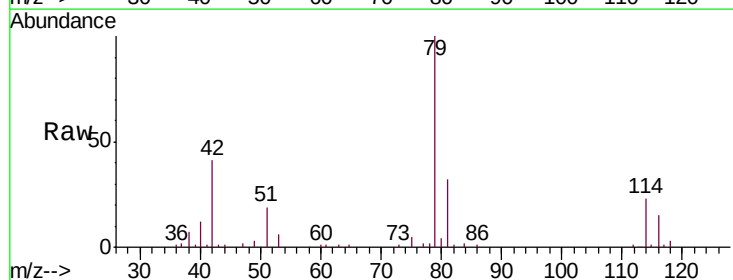
Instrument :
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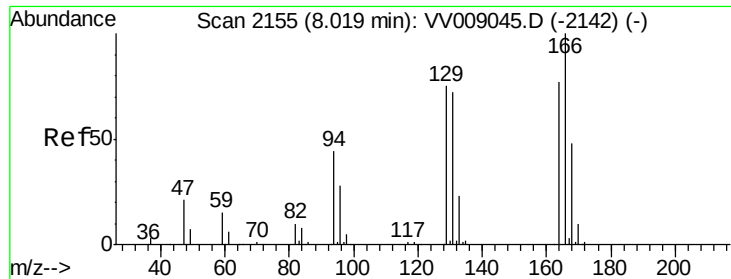
Tgt Ion: 83 Resp: 3913
Ion Ratio Lower Upper
83 100
85 14.4 45.6 84.8#



#42
cis-1,3-Dichloropropene
Concen: 0.527 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009049.D
Acq: 19 Dec 2018 14:27

Tgt Ion: 75 Resp: 2473
Ion Ratio Lower Upper
75 100
77 49.1 21.3 39.6#

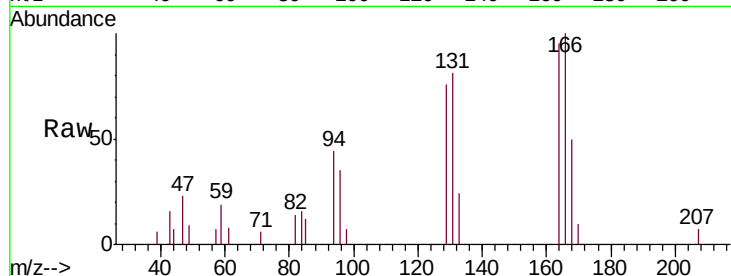




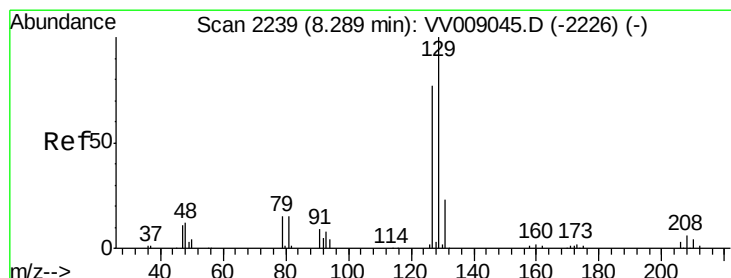
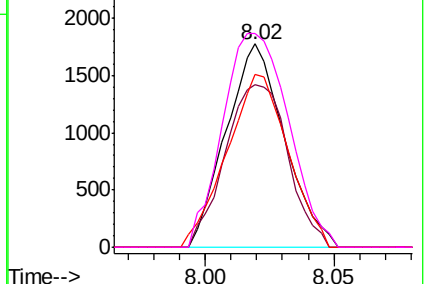
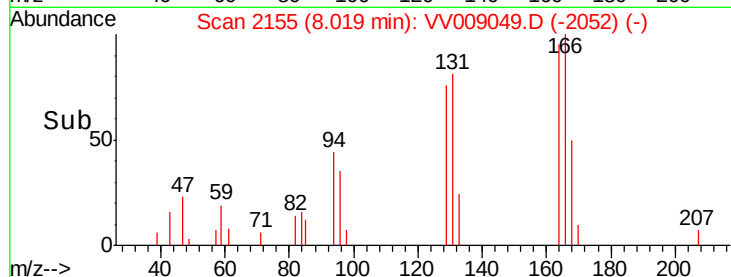
#47
Tetrachloroethene
Concen: 0.856 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009049.D
Acq: 19 Dec 2018 14:27

Instrument :
MSVOA_V
ClientSampleId :
VIBLK63

Tgt Ion:164 Resp: 2802
Ion Ratio Lower Upper
164 100
129 79.9 64.6 120.0
131 85.4 64.5 119.7
166 105.2 88.7 164.7

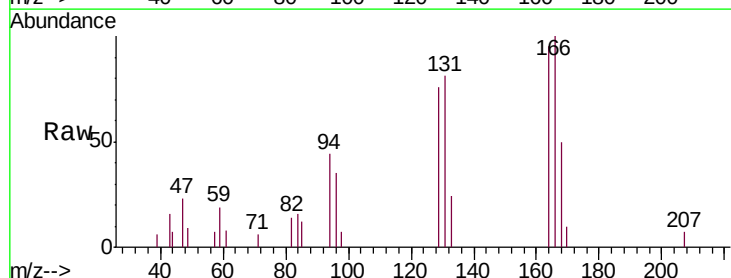


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

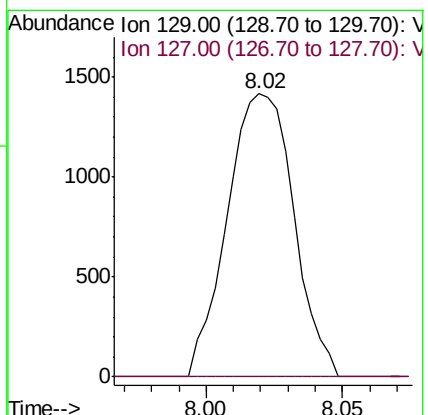
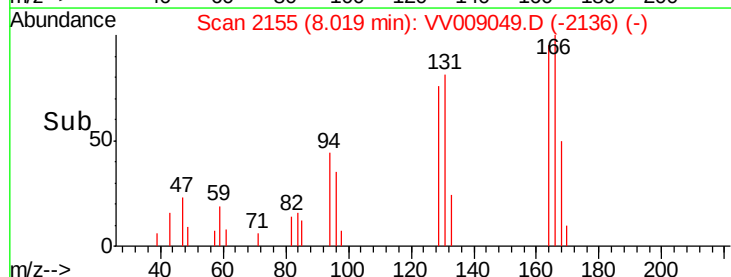


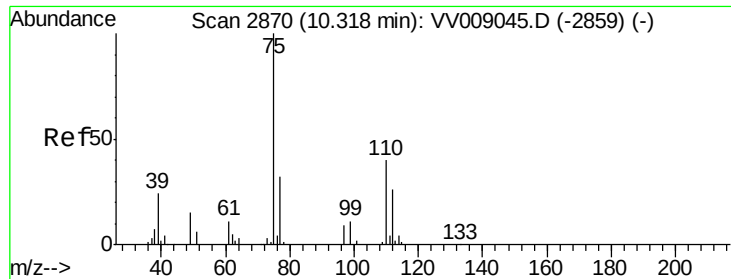
#50
Dibromochloromethane
Concen: 0.785 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009049.D
Acq: 19 Dec 2018 14:27

Tgt Ion:129 Resp: 2401
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



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: 3.926 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009049.D

Acq: 19 Dec 2018 14:27

Instrument :

MSVOA_V

ClientSampleId :

VIBLK63

Tgt Ion: 75 Resp: 9805

Ion Ratio Lower Upper

75 100

77 34.7 25.6 38.4

