

Data File : VV009666.D
Acq On : 14 Mar 2019 15:27
Operator : SY/MD
Sample : K1885-02
Misc : 5.99G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF186

Quant Time: Mar 15 04:33:31 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	133996	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	129564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42441	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
7) Chloroethane-d5	1.57	69	41288	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
10) 1,1-Dichloroethene-d2	2.13	63	86980	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	3.93	46	22489	50.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.22%
24) Chloroform-d	4.40	84	77974	22.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.32%
26) 1,2-Dichloroethane-d4	5.08	65	52046	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.72%
29) Benzene-d6	5.10	84	179591	26.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.72%
33) 1,2-Dichloropropane-d6	6.12	67	54212	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.20%
37) Toluene-d8	7.36	98	170055	25.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.44%
38) trans-1,3-Dichloropropene-	7.66	79	22154	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.12%
39) 2-Hexanone-d5	8.13	63	18576	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47393	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	56962	26.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.08%

Target Compounds

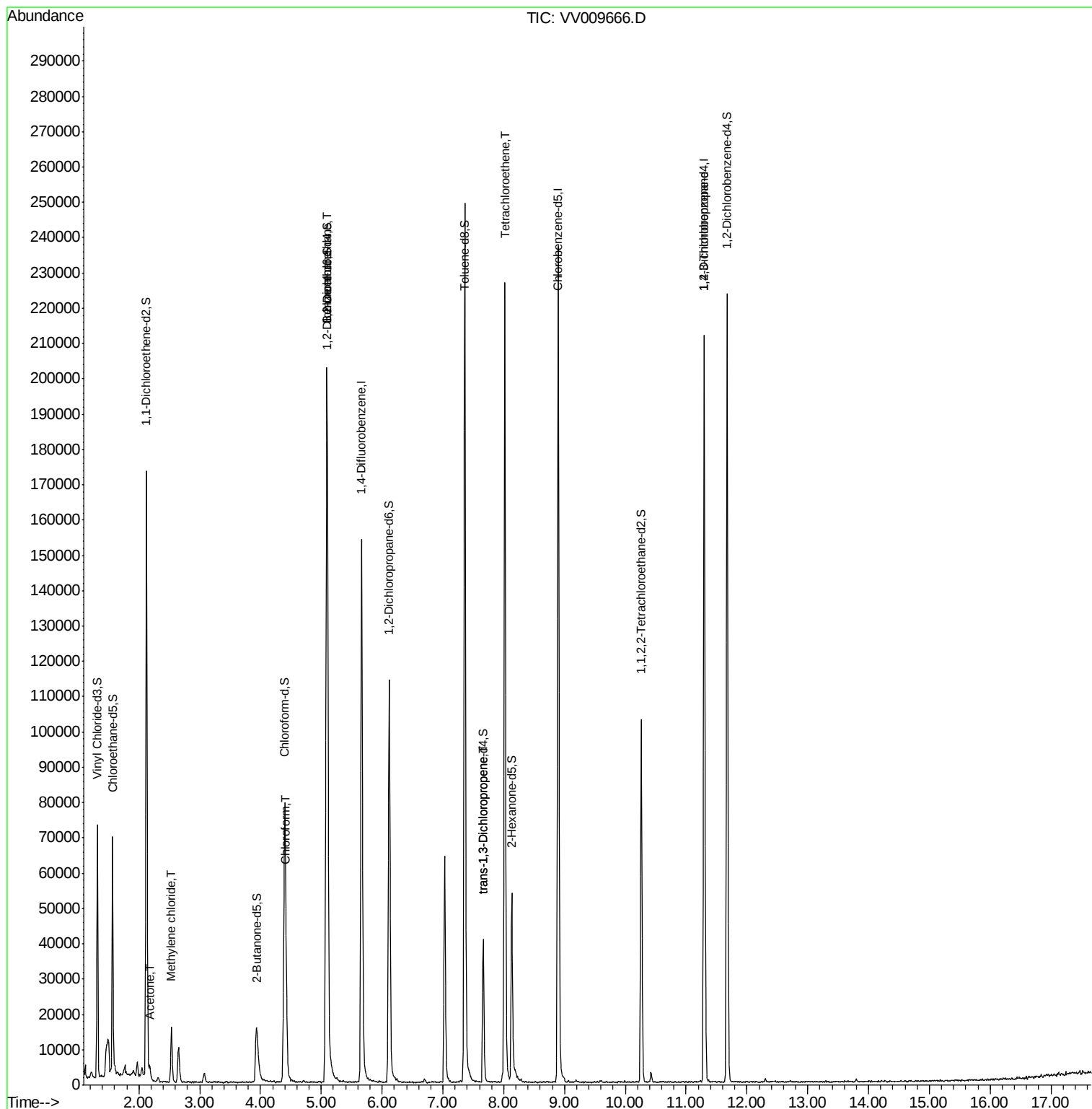
						Qvalue
13) Acetone	2.18	43	1722	3.183	ug/L	78
16) Methylene chloride	2.53	84	6663	3.416	ug/L	95
25) Chloroform	4.43	83	10239	2.941	ug/L	90
27) 1,2-Dichloroethane	5.10	62	926	0.385	ug/L #	75
45) trans-1,3-Dichloropropene	7.67	75	1124	0.480	ug/L	96
47) Tetrachloroethene	8.02	164	46318	28.749	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	7935	5.717	ug/L	95

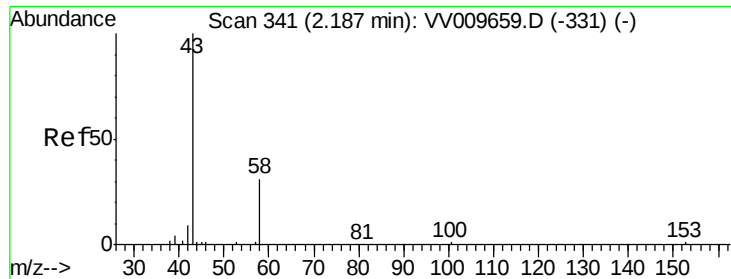
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.183 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV009666.D

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MSVOA_V

ClientSampleId :

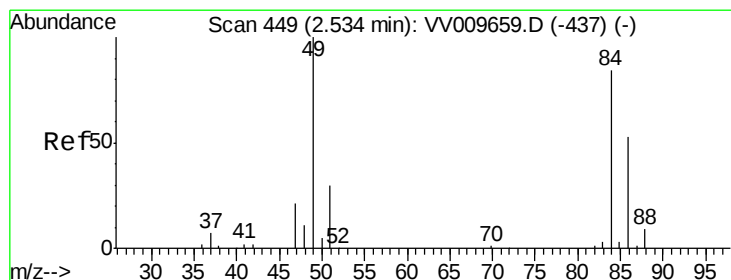
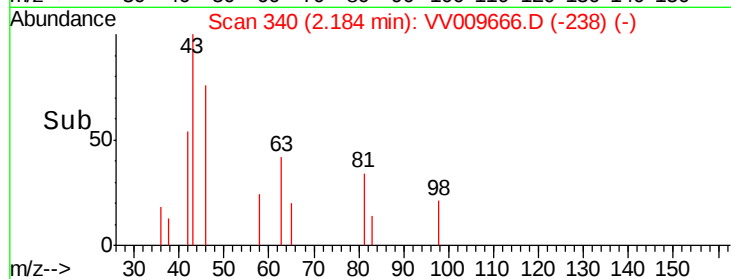
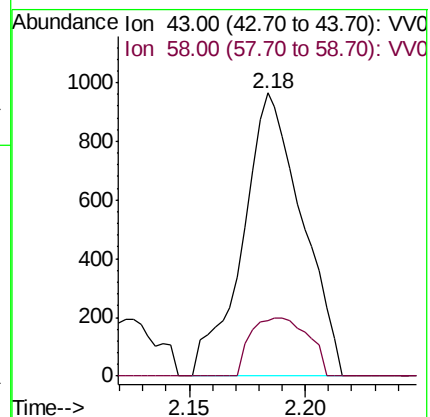
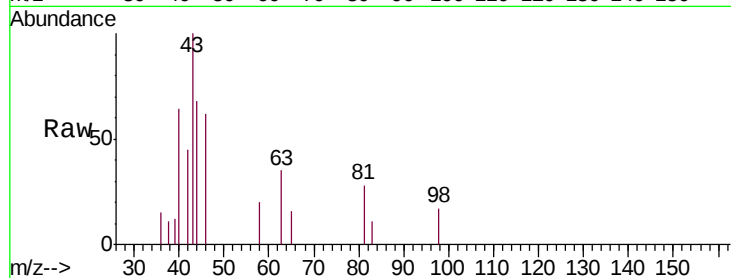
BF186

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

58 19.9 0.0 64.8



#16

Methylene chloride

Concen: 3.416 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009666.D

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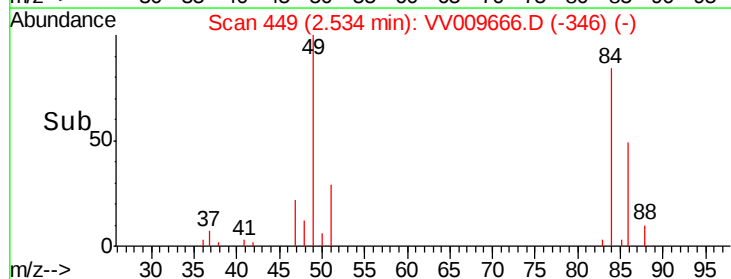
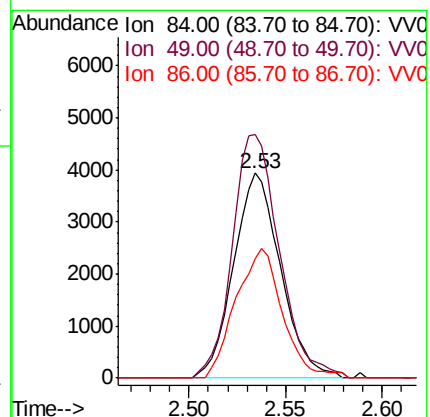
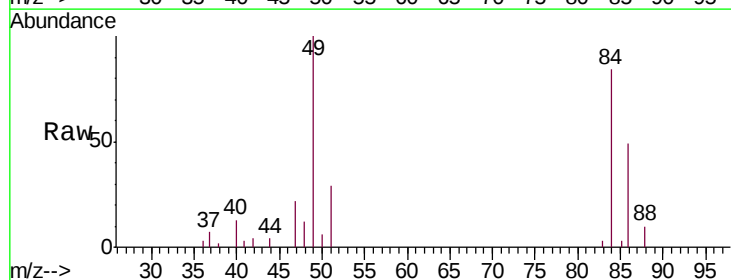
Tgt Ion: 84 Resp: 6663

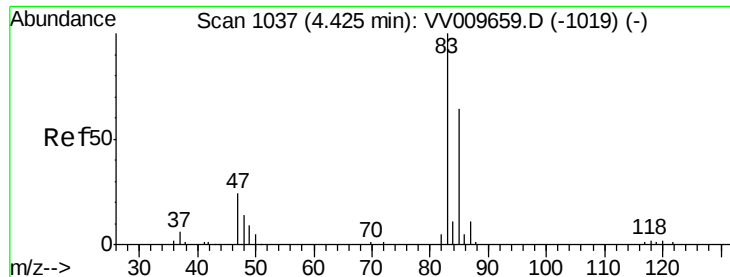
Ion Ratio Lower Upper

84 100

49 118.7 86.1 159.9

86 58.3 45.2 84.0

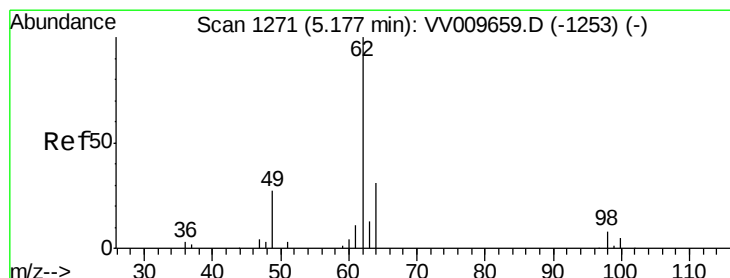
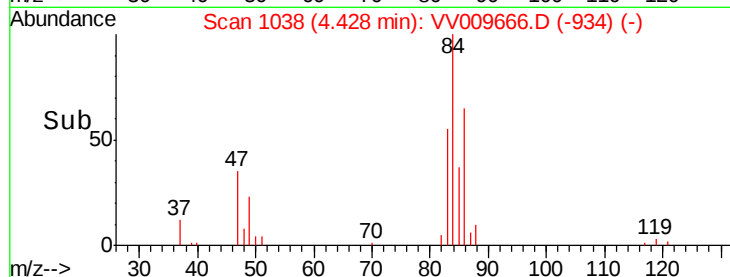
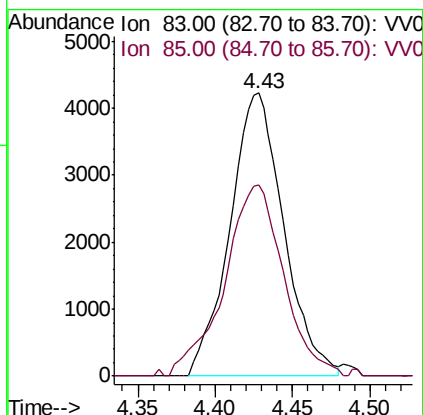
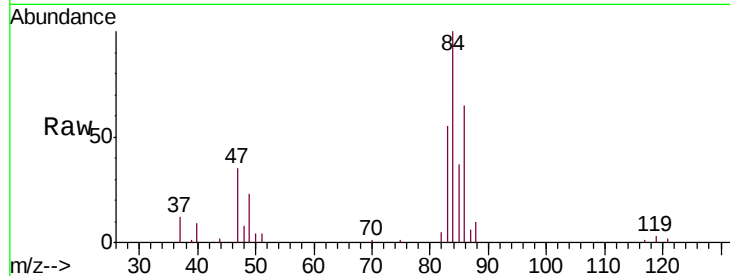




#25
Chloroform
Concen: 2.941 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009666.D
Acq: 14 Mar 2019 15:27

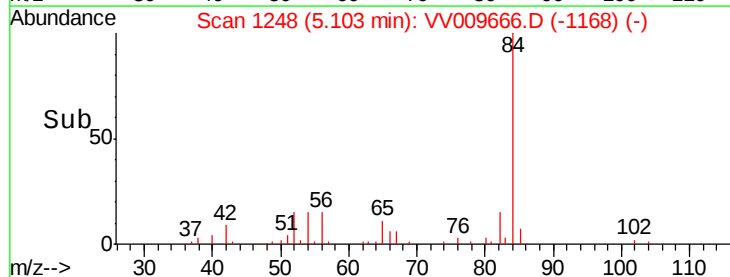
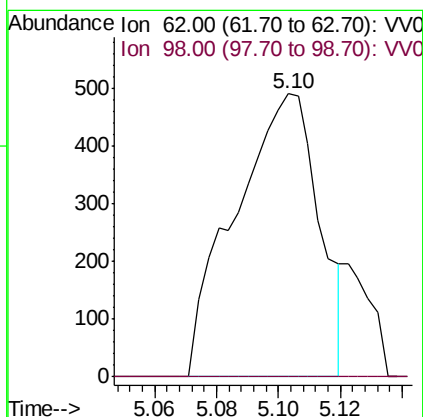
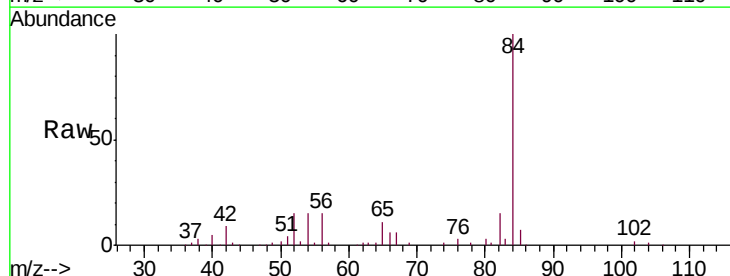
Instrument :
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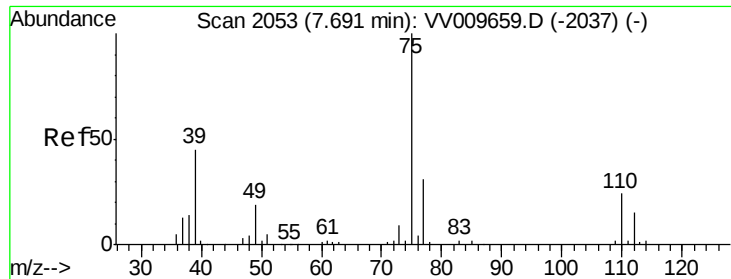
Tgt Ion: 83 Resp: 10239
Ion Ratio Lower Upper
83 100
85 74.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.385 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV009666.D
Acq: 14 Mar 2019 15:27

Tgt Ion: 62 Resp: 926
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#45

trans-1,3-Dichloropropene

Concen: 0.480 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009666.D

Acq: 14 Mar 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

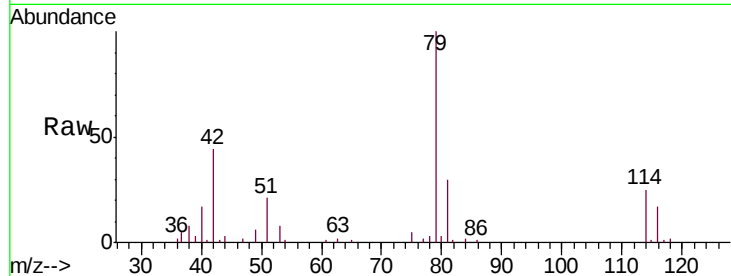
BF186

Tgt Ion: 75 Resp: 1124

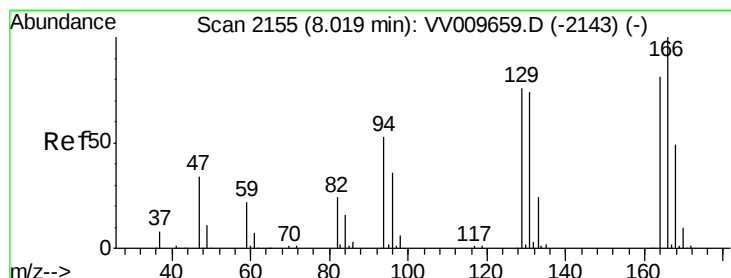
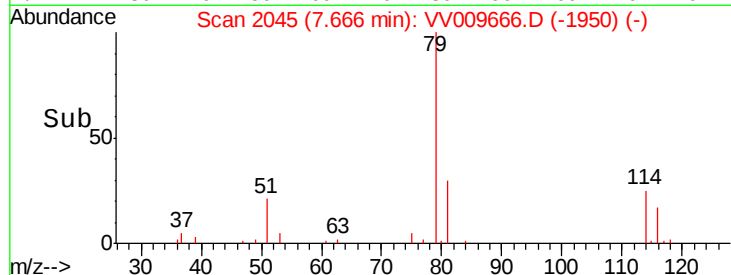
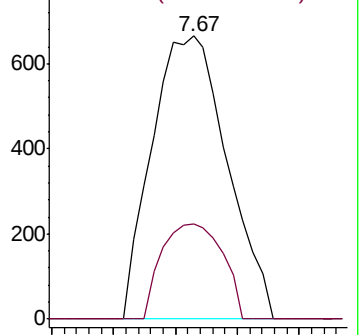
Ion Ratio Lower Upper

75 100

77 33.5 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV009659.D (-2037) (-)



#47

Tetrachloroethene

Concen: 28.749 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009666.D

Acq: 14 Mar 2019 15:27

Tgt Ion: 164 Resp: 46318

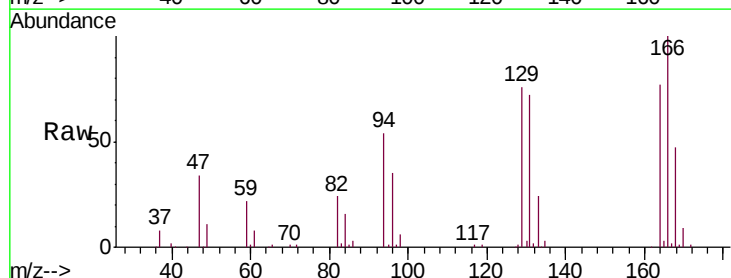
Ion Ratio Lower Upper

164 100

129 98.1 69.0 128.1

131 93.2 65.7 122.1

166 129.8 89.4 166.0

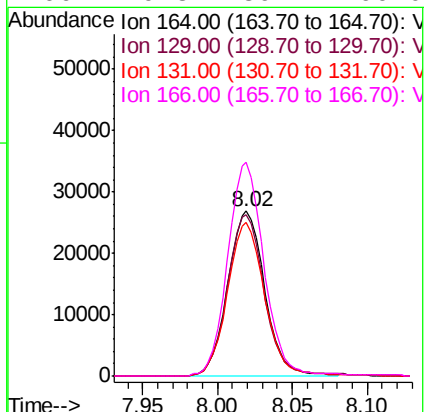
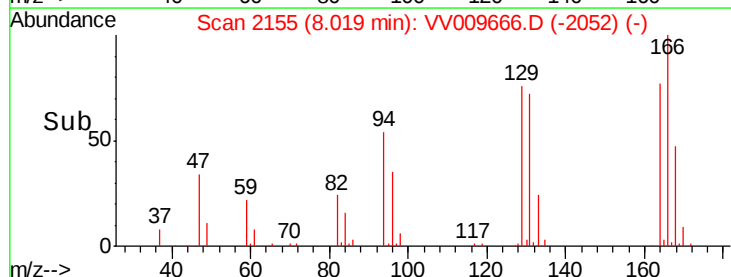


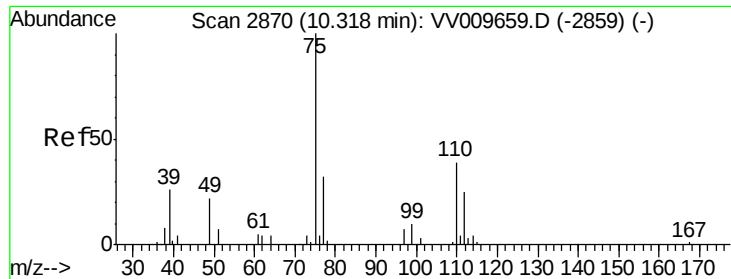
Abundance Ion 164.00 (163.70 to 164.70): VV009659.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV009659.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV009659.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV009659.D (-2143) (-)





#59

1,2,3-Trichloropropane

Concen: 5.717 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009666.D

Acq: 14 Mar 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

BF186

Tgt Ion: 75 Resp: 7935

Ion Ratio Lower Upper

75 100

77 34.5 25.3 37.9

