

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009048.D
 Acq On : 19 Dec 2018 13:13
 Operator : SY/MD
 Sample : J6419-17
 Misc : 5.95G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF045

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 1:25:10 PM

Quant Time: Dec 20 02:11:41 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	233835	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57116	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	63759	35.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.68%
10) 1,1-Dichloroethene-d2	2.13	63	155597	25.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.88%
20) 2-Butanone-d5	3.94	46	32718	37.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.28%
24) Chloroform-d	4.40	84	157651	28.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.16%
26) 1,2-Dichloroethane-d4	5.08	65	92793	30.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.00%
29) Benzene-d6	5.10	84	305252	30.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.44%
33) 1,2-Dichloropropane-d6	6.12	67	93492	32.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.76%#
37) Toluene-d8	7.36	98	250344	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.72%
38) trans-1,3-Dichloropropene-	7.66	79	37735	30.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.04%
39) 2-Hexanone-d5	8.14	63	21073	40.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57782	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	11.68	152	42003	24.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.48%

Target Compounds

					Qvalue
13) Acetone	2.20	43	3489	2.688 ug/L	100
16) Methylene chloride	2.54	84	5597	1.421 ug/L	90
22) cis-1,2-Dichloroethene	3.96	96	3979m	1.172 ug/L	
35) Trichloroethene	5.96	95	8746	2.668 ug/L	95
47) Tetrachloroethene	8.02	164	2017847	756.793 ug/L	98

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

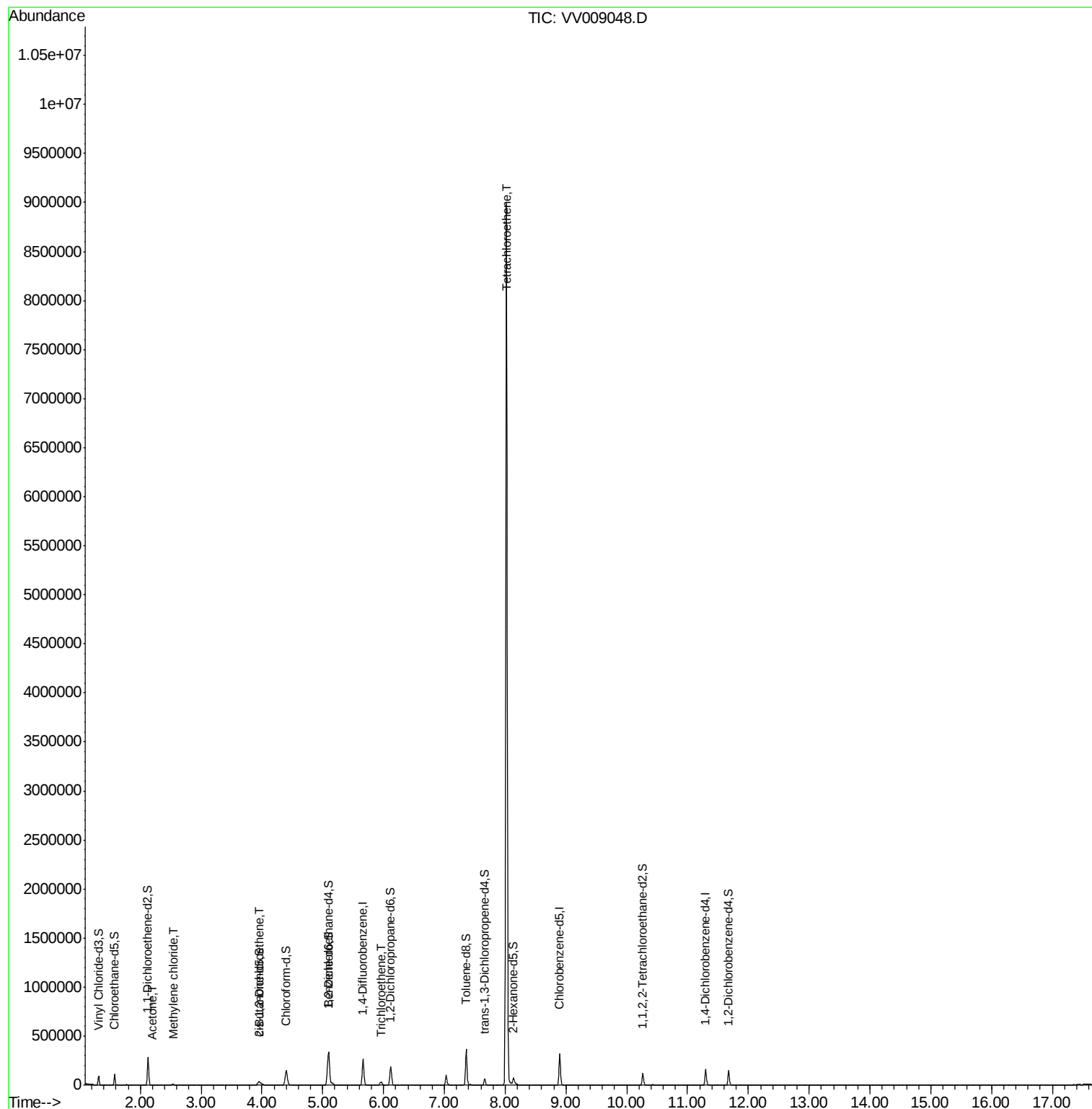
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
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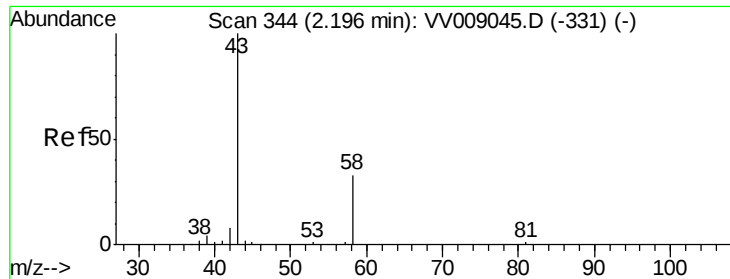
Instrument :
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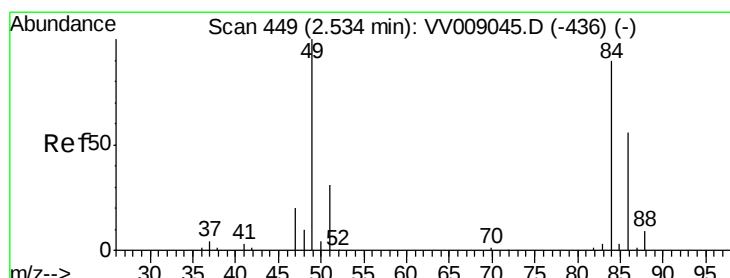
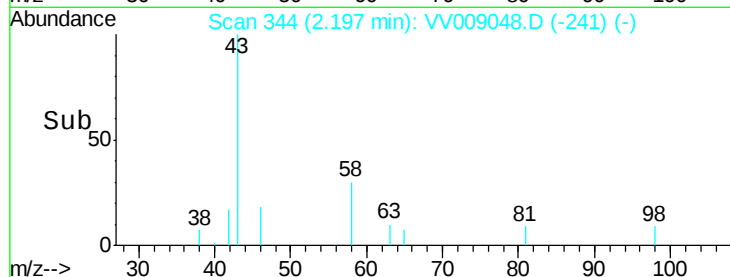
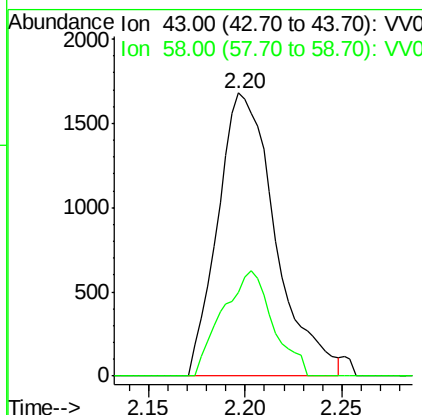
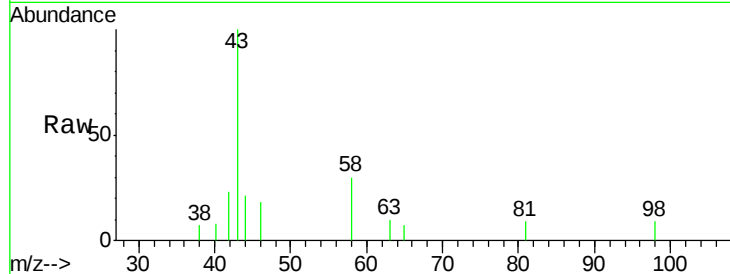
#13
Acetone
Concen: 2.688 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.00 min
Lab File: VV009048.D
Acq: 19 Dec 2018 13:13

Instrument :
MSVOA_V
ClientSampleId :
BF045

Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
58 32.6 0.0 65.4

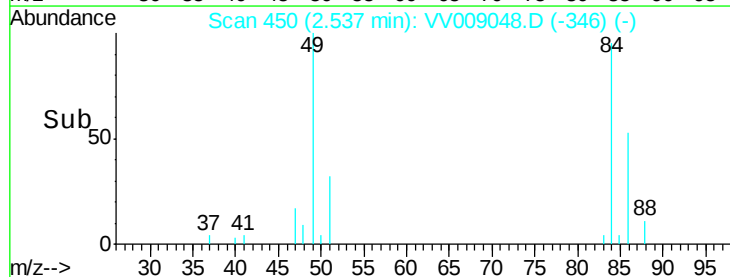
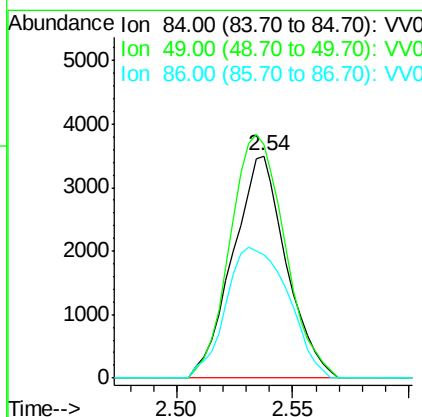
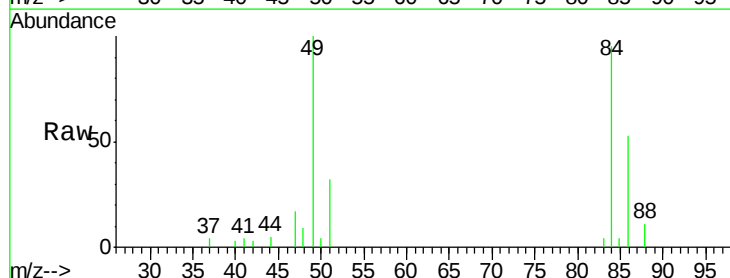
Manual Integrations
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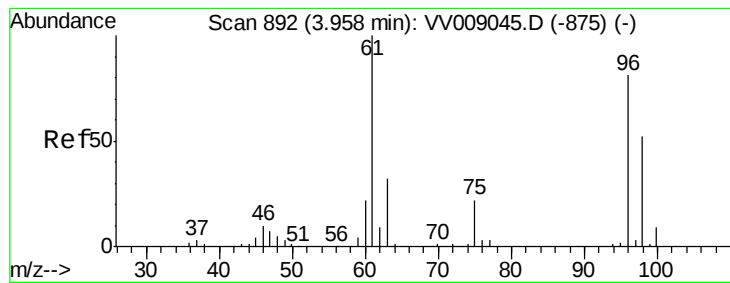
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#16
Methylene chloride
Concen: 1.421 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009048.D
Acq: 19 Dec 2018 13:13

Tgt Ion: 84 Resp: 5597
Ion Ratio Lower Upper
84 100
49 104.8 80.5 149.5
86 55.3 45.5 84.5





#22

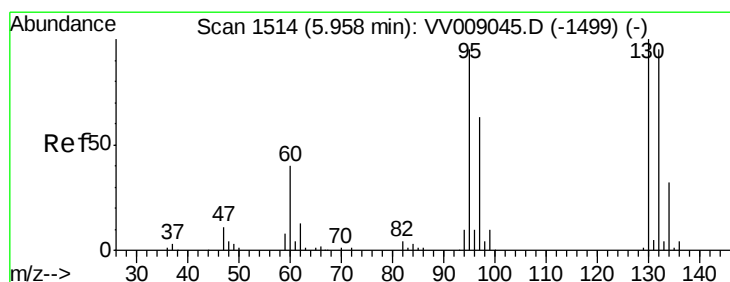
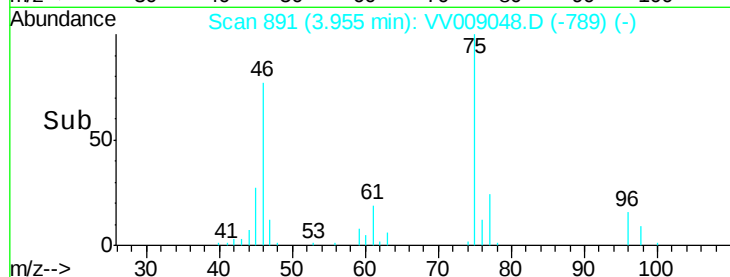
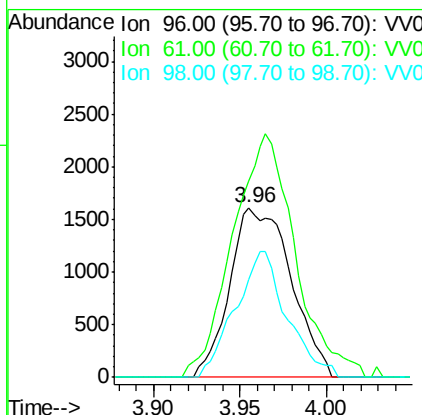
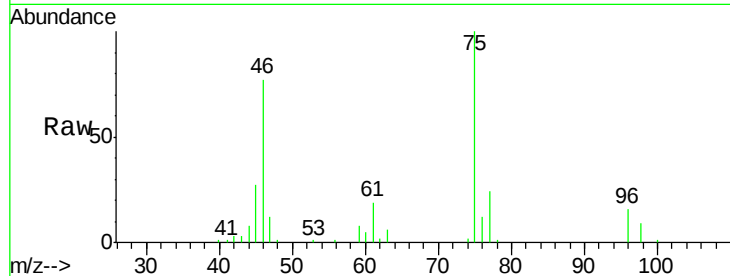
cis-1,2-Dichloroethene
Concen: 1.172 ug/L m
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV009048.D
Acq: 19 Dec 2018 13:13

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
96	100		
61	115.4	86.2	160.0
98	57.7	45.6	84.6

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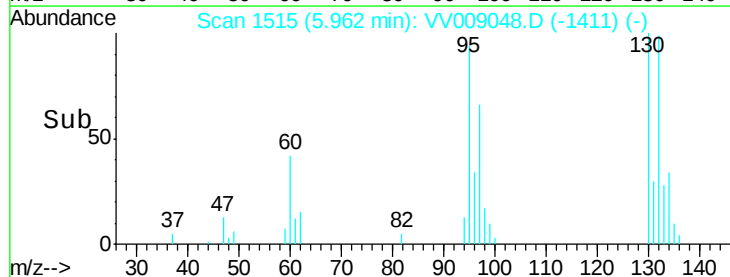
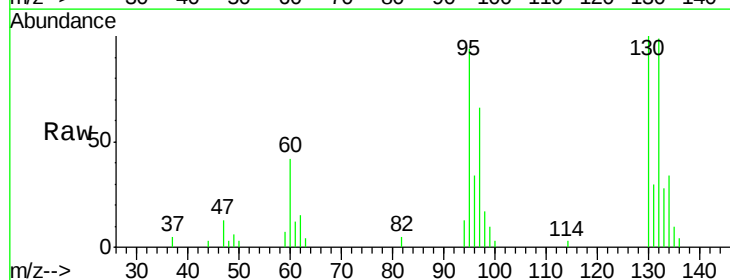
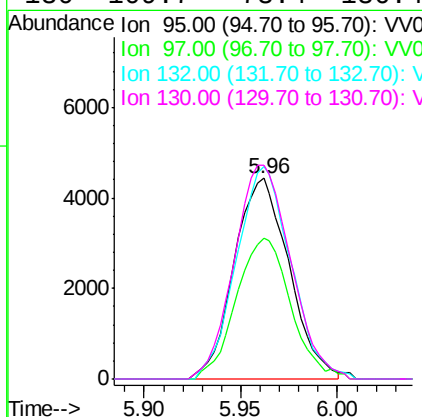
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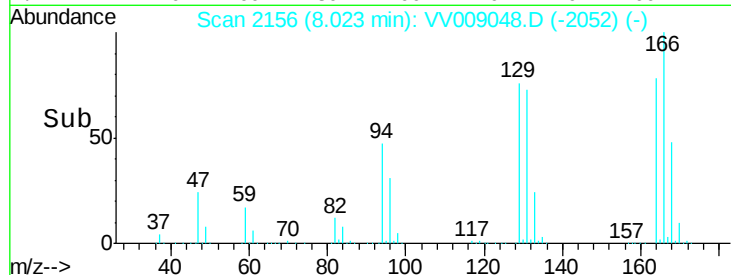
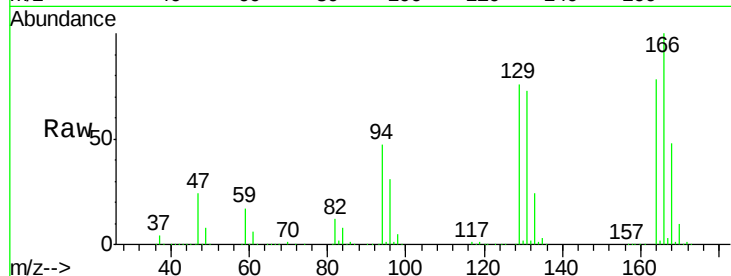
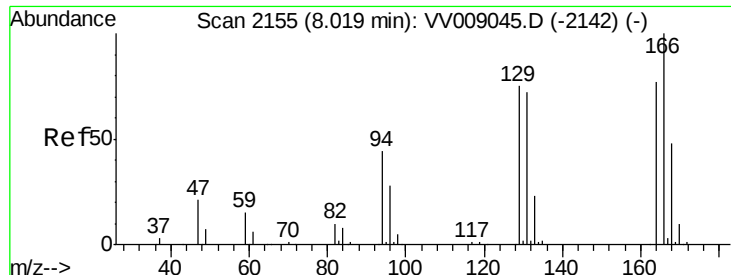


#35

Trichloroethene
Concen: 2.668 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009048.D
Acq: 19 Dec 2018 13:13

Tgt Ion	Ratio	Lower	Upper
95	100		
97	69.4	45.3	84.1
132	104.8	70.0	130.0
130	109.7	73.4	136.4





#47

Tetrachloroethene

Concen: 756.793 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009048.D

Acq: 19 Dec 2018 13:13

Tgt Ion:164 Resp: 2017847

Ion Ratio Lower Upper

164 100

129 96.4 64.6 120.0

131 93.4 64.5 119.7

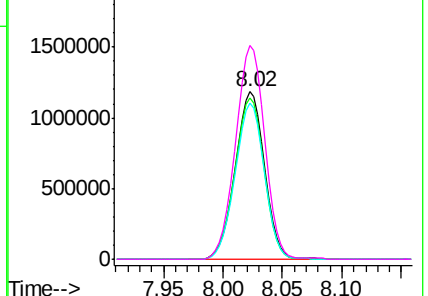
166 127.5 88.7 164.7

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



Instrument :

MSVOA_V

ClientSampleId :

BF045

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