

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033019\
 Data File : VV010022.D
 Acq On : 30 Mar 2019 16:17
 Operator : SY/MD
 Sample : K2166-05
 Misc : 5.32G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF107

Quant Time: Mar 31 21:15:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 23:31:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111018	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117318	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40694	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	1.55	69	56926	23.40	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	2.12	63	99556	16.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.60%
20) 2-Butanone-d5	3.93	46	30423	72.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.94%#
24) Chloroform-d	4.40	84	62099	21.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.08	65	53023	31.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.60%
29) Benzene-d6	5.10	84	148971	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	6.12	67	50467	28.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.00%
37) Toluene-d8	7.36	98	124778	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	7.66	79	16001	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.80%
39) 2-Hexanone-d5	8.14	63	23162	68.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.68%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53149	29.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	49337	27.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.56%

Target Compounds

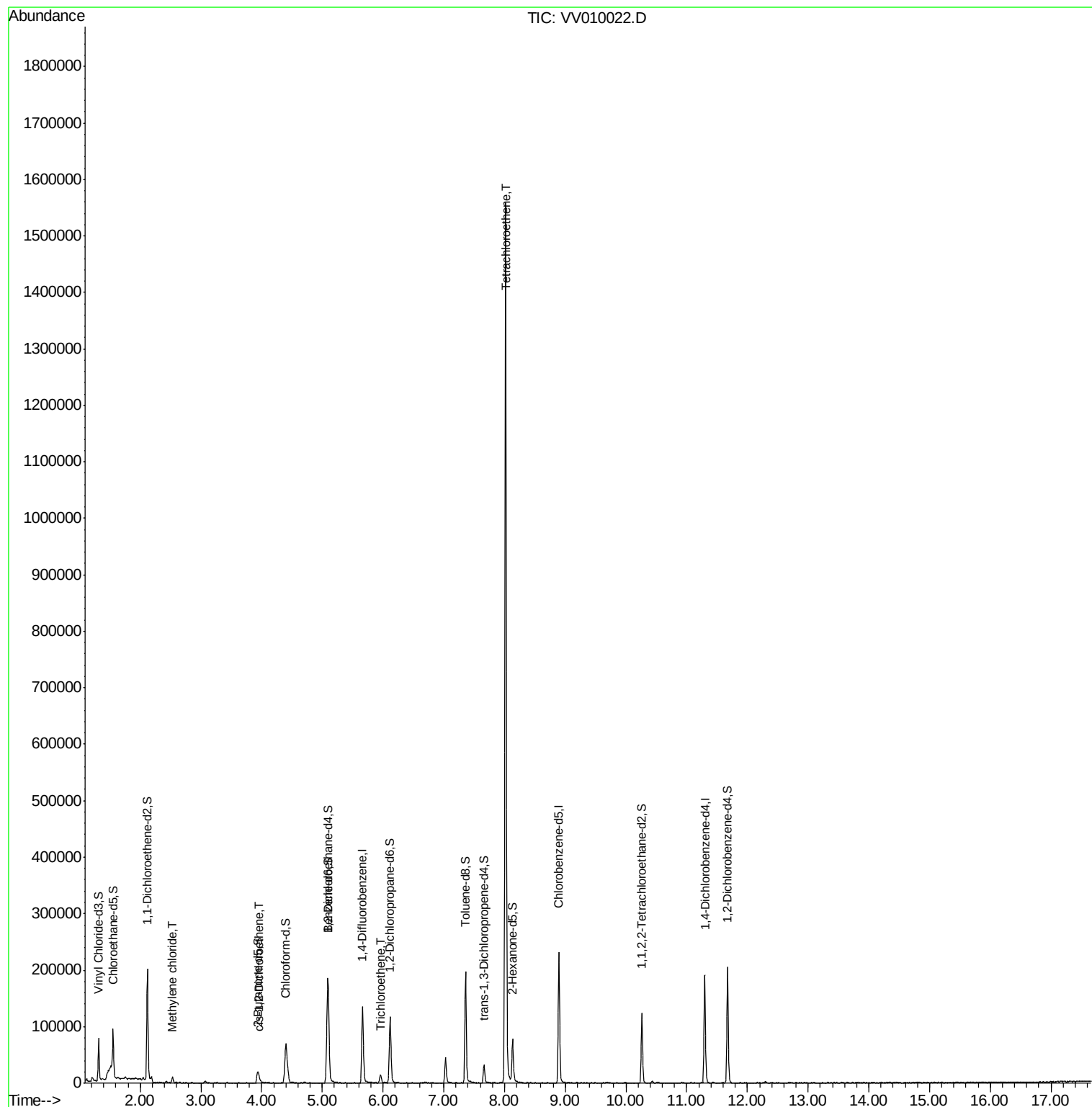
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	4018	2.198	ug/L	84
22) cis-1,2-Dichloroethene	3.96	96	977	0.608	ug/L	80
35) Trichloroethene	5.96	95	4069	2.394	ug/L	93
47) Tetrachloroethene	8.02	164	298099	222.304	ug/L	96

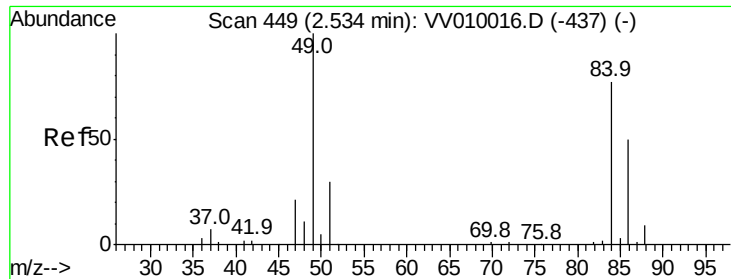
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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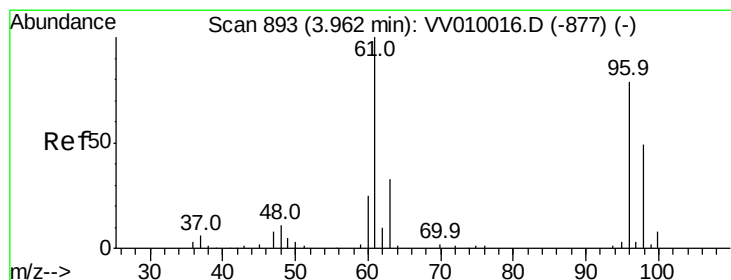
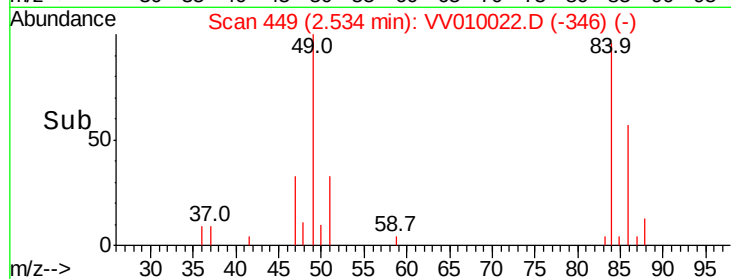
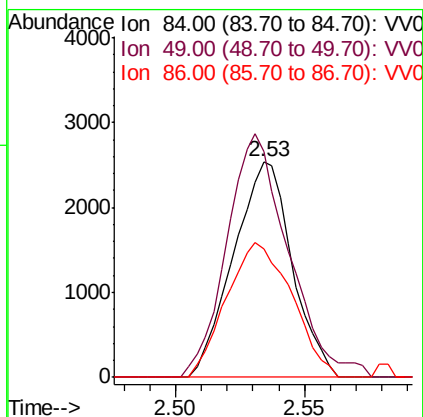
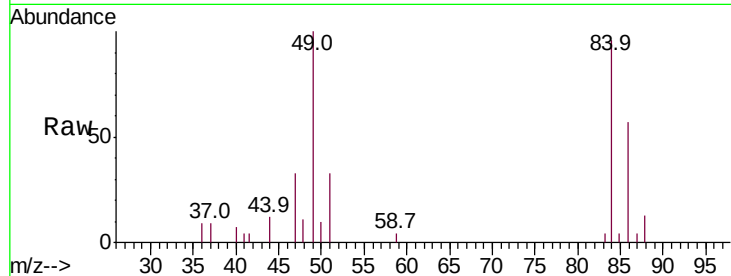




#16
Methylene chloride
Concen: 2.198 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010022.D
Acq: 30 Mar 2019 16:17

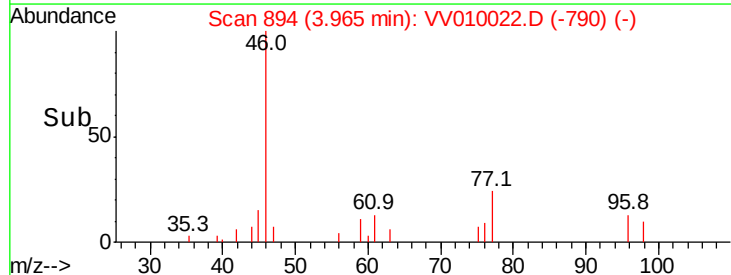
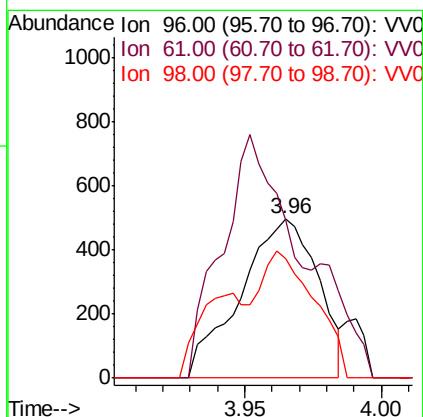
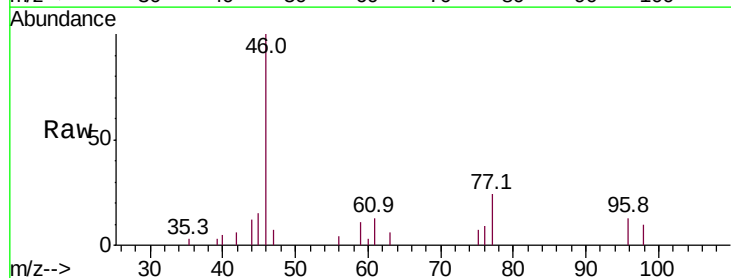
Instrument :
MSVOA_V
ClientSampled :
BF107

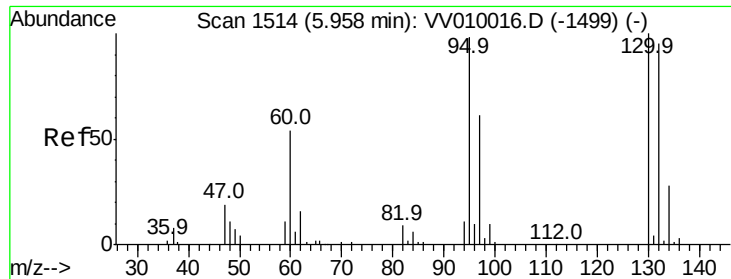
Tot Ion: 84 Resp: 4018
Ion Ratio Lower Upper
84 100
49 104.4 90.4 167.8
86 59.4 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 0.608 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV010022.D
Acq: 30 Mar 2019 16:17

Tgt Ion: 96 Resp: 977
Ion Ratio Lower Upper
96 100
61 99.0 91.4 169.8
98 74.7 48.0 89.2





#35

Trichloroethene

Concen: 2.394 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010022.D

Acq: 30 Mar 2019 16:17

Instrument :

MSVOA_V

ClientSampleId :

BF107

Tot Ion: 95 Resp: 4069

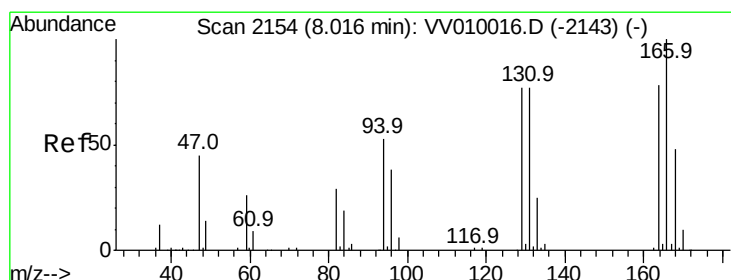
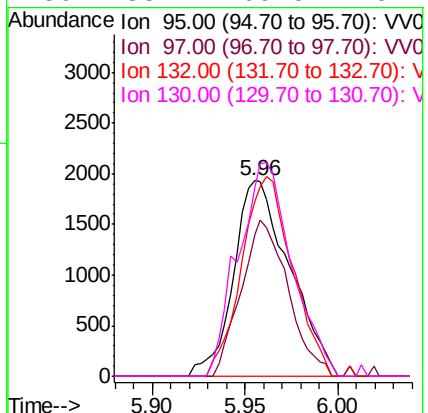
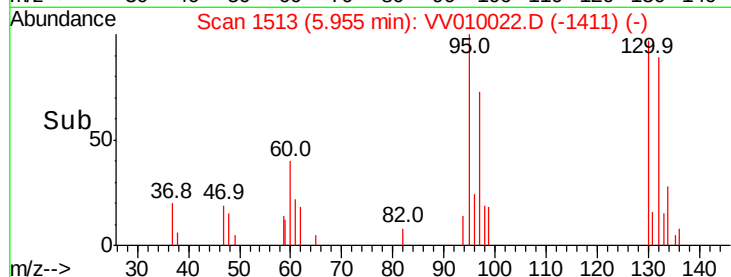
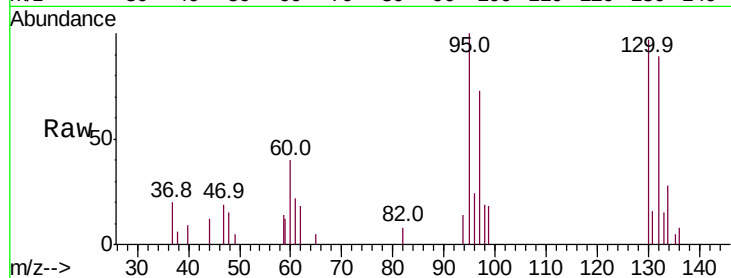
Ion Ratio Lower Upper

95 100

97 67.0 46.3 85.9

132 92.6 69.3 128.7

130 88.4 69.5 129.1



#47

Tetrachloroethene

Concen: 222.304 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010022.D

Acq: 30 Mar 2019 16:17

Tgt Ion:164 Resp: 298099

Ion Ratio Lower Upper

164 100

129 94.6 64.9 120.5

131 90.8 62.0 115.2

166 127.1 82.9 153.9

