

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009897.D
 Acq On : 26 Mar 2019 16:51
 Operator : SY/MD
 Sample : K2083-11
 Misc : 5.73G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0H8

Quant Time: Mar 27 02:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:42:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165643	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154752	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61754	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87654	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
7) Chloroethane-d5	1.58	69	96341	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.16%
10) 1,1-Dichloroethene-d2	2.13	63	188048	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	3.92	46	27059	43.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.40%
24) Chloroform-d	4.40	84	97914	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	66982	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	5.10	84	240935	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	6.12	67	73743	31.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.08%#
37) Toluene-d8	7.36	98	213251	27.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.88%
38) trans-1,3-Dichloropropene-	7.66	79	23400	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.24%
39) 2-Hexanone-d5	8.13	63	20108	45.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54145	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	64312	27.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.40%

Target Compounds

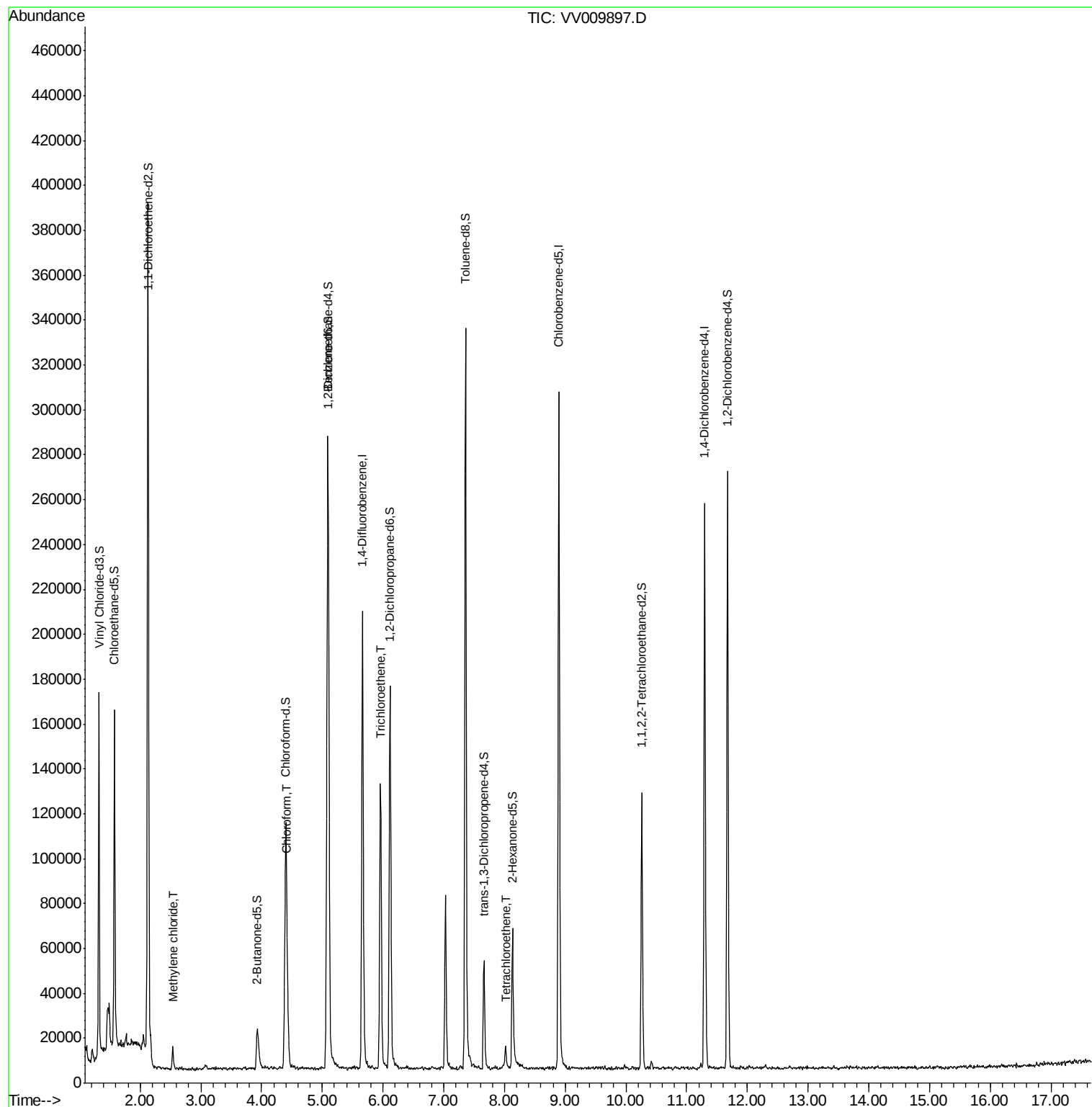
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	2.54	84	3205	1.175	ug/L	79
25) Chloroform	4.42	83	17986	4.098	ug/L	98
35) Trichloroethene	5.96	95	39241	17.506	ug/L	96
47) Tetrachloroethene	8.02	164	2135	1.207	ug/L	93

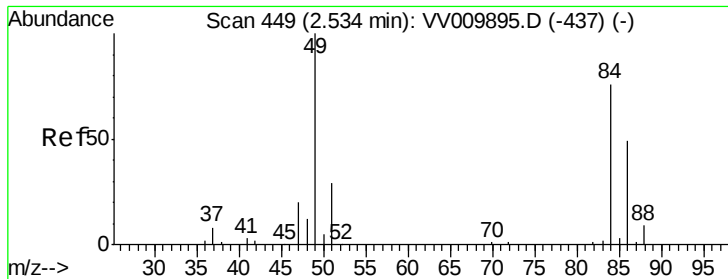
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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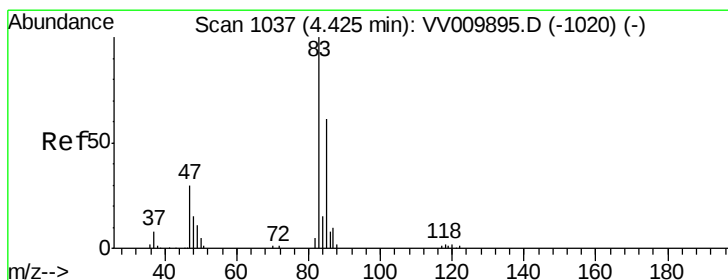
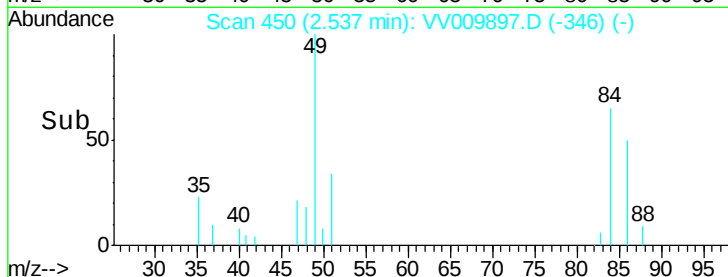
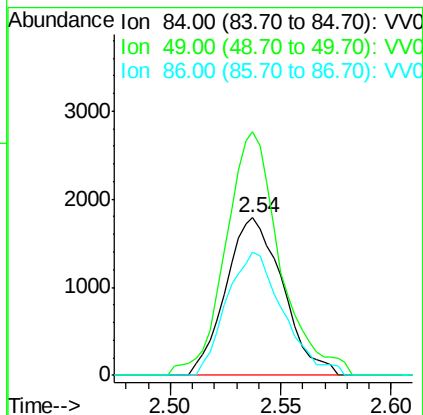
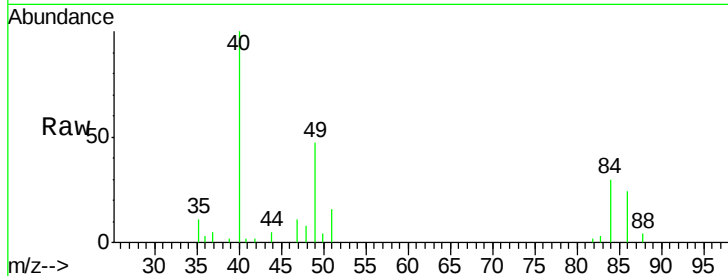




#16
Methylene chloride
Concen: 1.175 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009897.D
Acq: 26 Mar 2019 16:51

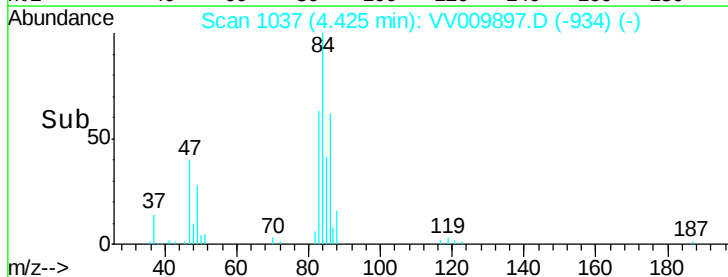
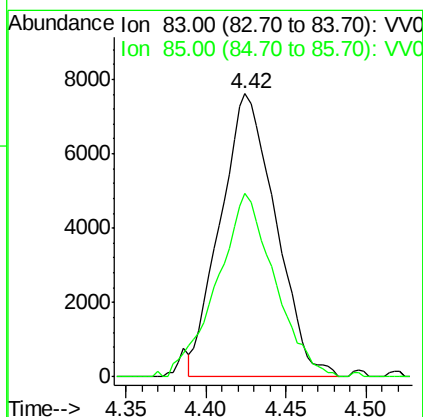
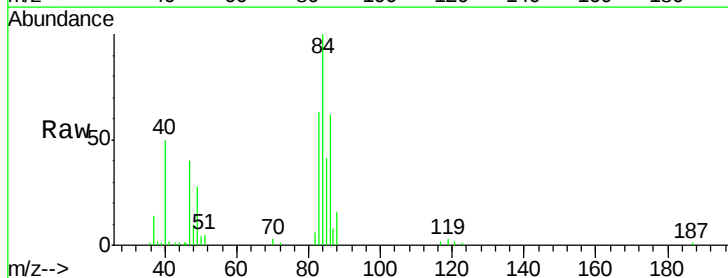
Instrument :
MSVOA_V
ClientSampled :
BF0H8

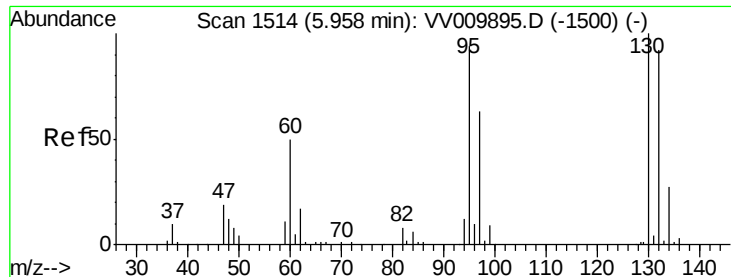
Tgt Ion: 84 Resp: 3205
Ion Ratio Lower Upper
84 100
49 154.6 90.4 167.8
86 77.9 44.0 81.6



#25
Chloroform
Concen: 4.098 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009897.D
Acq: 26 Mar 2019 16:51

Tgt Ion: 83 Resp: 17986
Ion Ratio Lower Upper
83 100
85 67.3 46.1 85.7





#35

Trichloroethene

Concen: 17.506 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009897.D

Acq: 26 Mar 2019 16:51

Instrument :

MSVOA_V

ClientSampleId :

BF0H8

Tgt Ion: 95 Resp: 39241

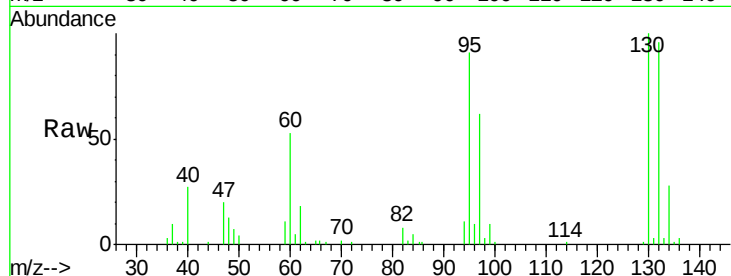
Ion Ratio Lower Upper

95 100

97 65.4 46.3 85.9

132 102.5 69.3 128.7

130 105.5 69.5 129.1

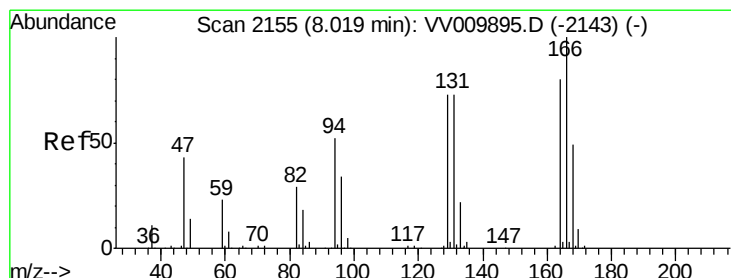
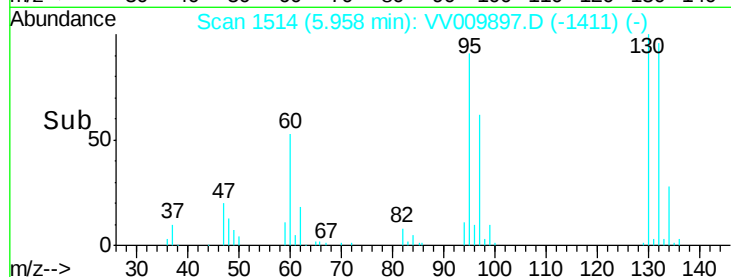
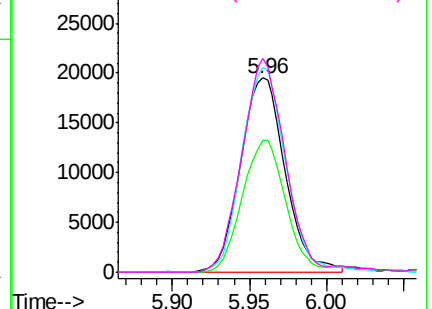


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 1.207 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009897.D

Acq: 26 Mar 2019 16:51

Tgt Ion: 164 Resp: 2135

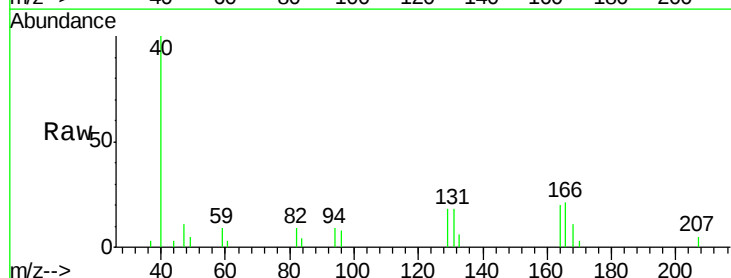
Ion Ratio Lower Upper

164 100

129 89.6 64.9 120.5

131 86.4 62.0 115.2

166 104.7 82.9 153.9



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

