

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009170.D
 Acq On : 04 Jan 2019 20:31
 Operator : SY/MD
 Sample : K1050-06
 Misc : 7.09 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W3

Quant Time: Jan 05 05:04:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221708	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214658	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106818	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27930	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.68%
7) Chloroethane-d5	1.58	69	31548	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.80%
10) 1,1-Dichloroethene-d2	2.13	63	71717	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	3.96	46	42702	40.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.06%
24) Chloroform-d	4.40	84	107919	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.08	65	65853	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	5.10	84	212458	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	6.12	67	67976	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	7.36	98	192547	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.36%
38) trans-1,3-Dichloropropene-	7.67	79	30566	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.96%
39) 2-Hexanone-d5	8.15	63	28362	43.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72456	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	86285	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

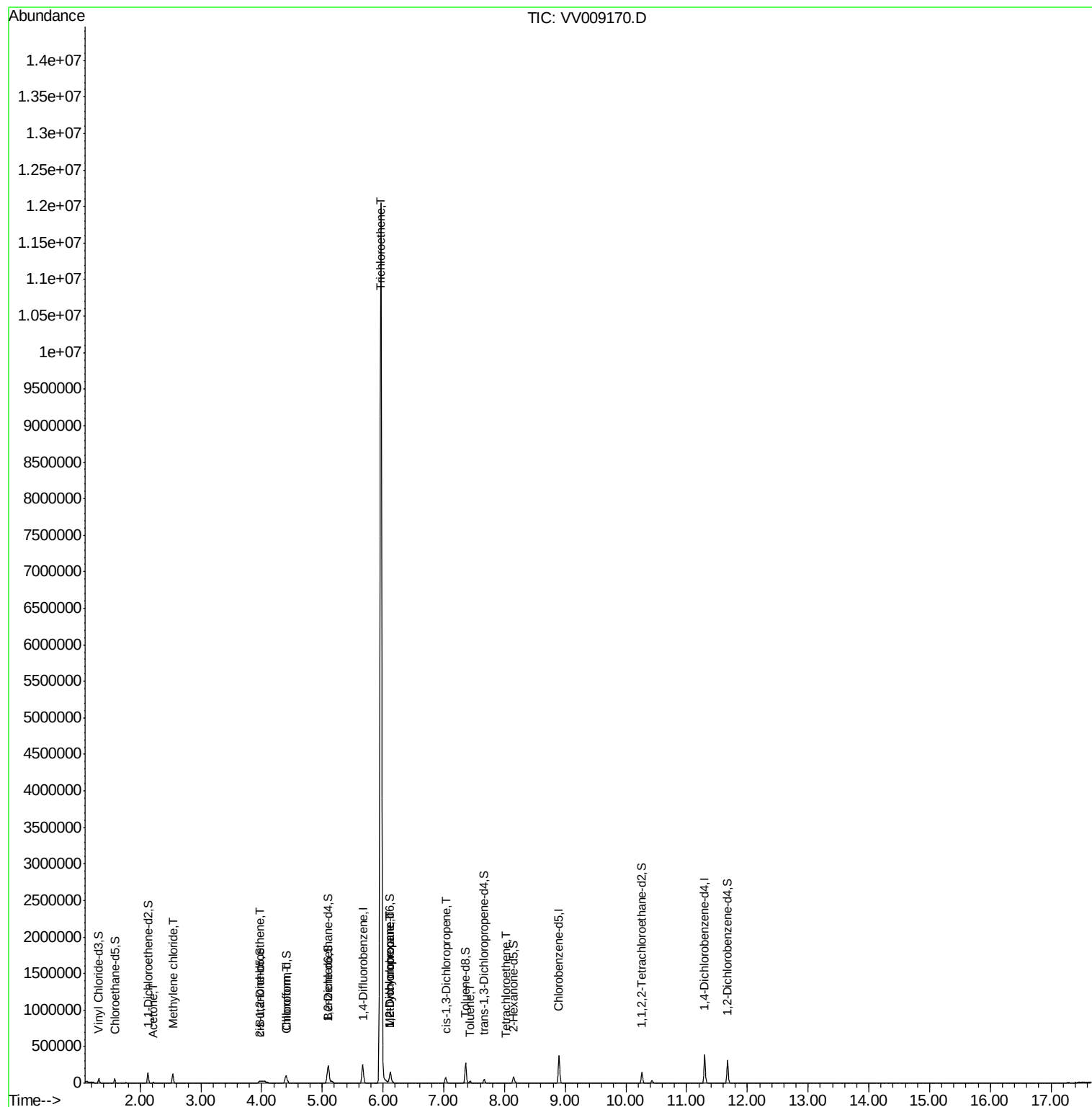
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.22	43	6188	4.093	ug/L	53
16) Methylene chloride	2.54	84	55409	16.729	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	3493	1.127	ug/L	92
25) Chloroform	4.43	83	2643	0.515	ug/L	89
35) Trichloroethene	5.96	95	4258768	1281.030	ug/L	97
36) Methylcyclohexane	6.12	83	17657	3.179	ug/L #	19
40) 1,2-Dichloropropane	6.12	63	7347	2.642	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1962	0.445	ug/L #	60
44) Toluene	7.43	91	17636	1.418	ug/L	99
47) Tetrachloroethene	8.02	164	1044	0.362	ug/L #	74

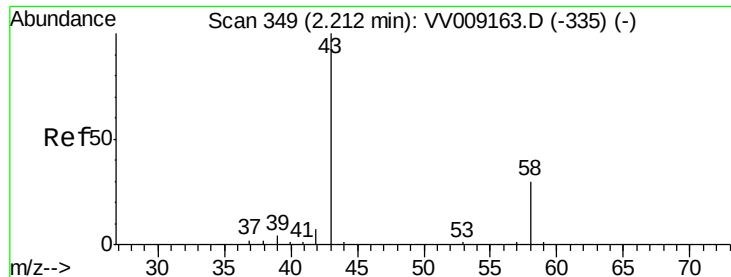
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009170.D
Acq On : 04 Jan 2019 20:31
Operator : SY/MD
Sample : K1050-06
Misc : 7.09 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W3

Quant Time: Jan 05 05:04:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.093 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

Instrument :

MSVOA_V

ClientSampleId :

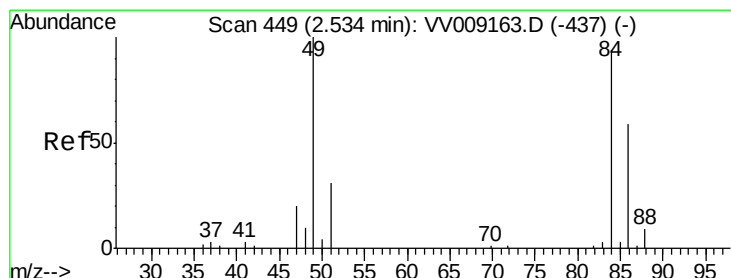
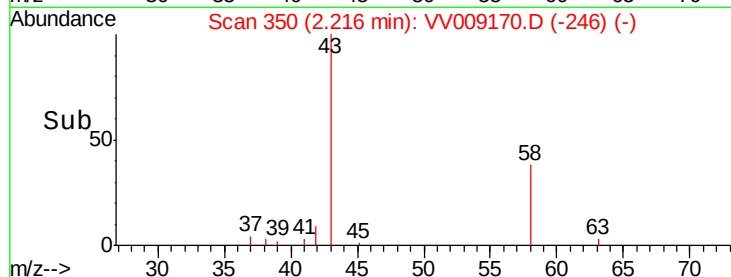
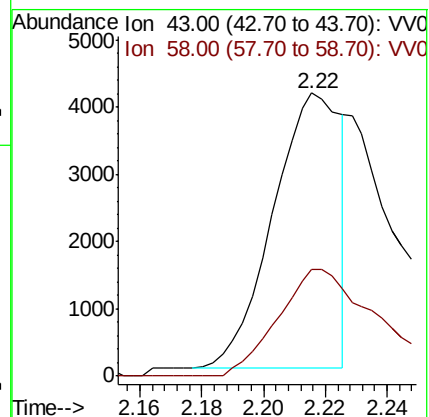
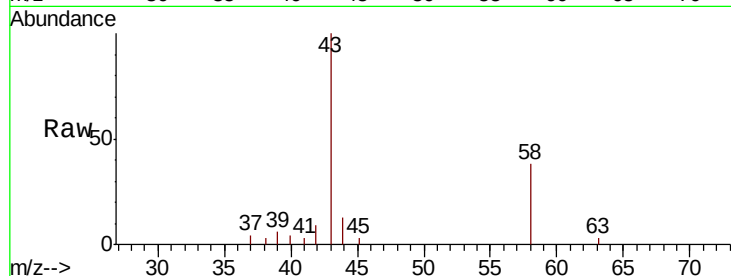
BE9W3

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

43 100

58 60.4 0.0 67.0



#16

Methylene chloride

Concen: 16.729 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

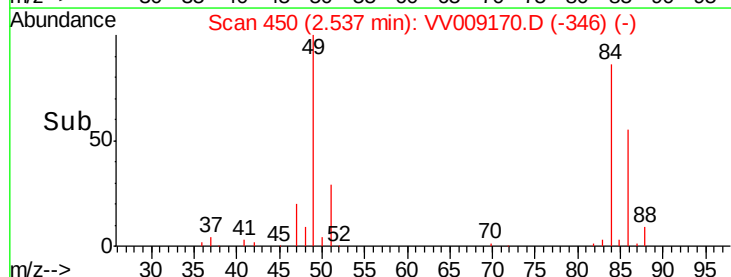
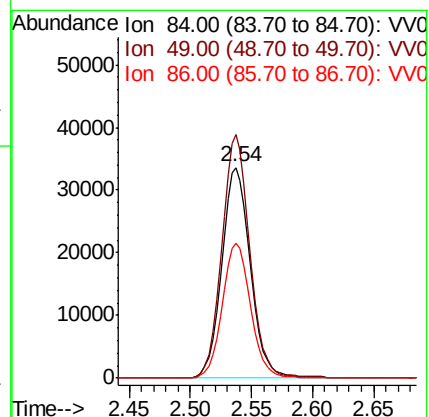
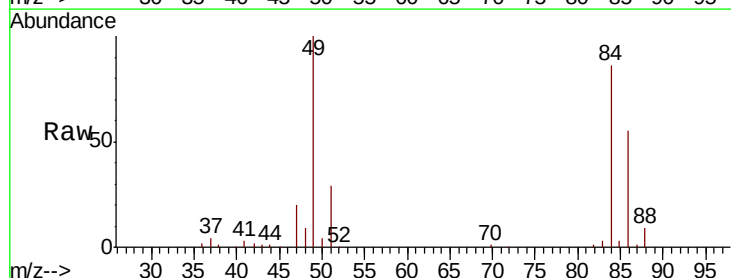
Tgt Ion: 84 Resp: 55409

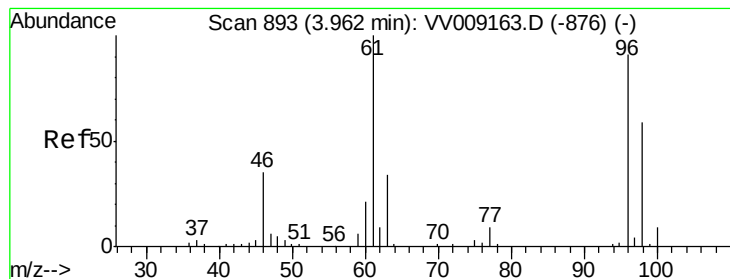
Ion Ratio Lower Upper

84 100

49 115.6 77.6 144.2

86 63.9 47.4 88.0



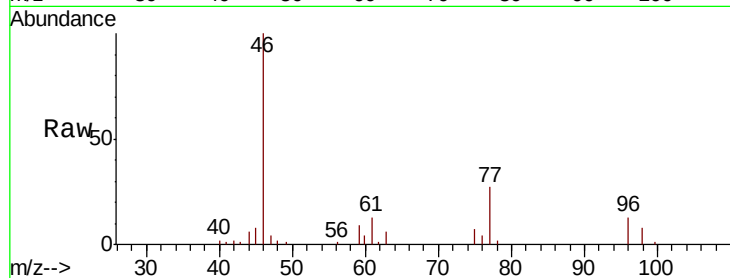


#22

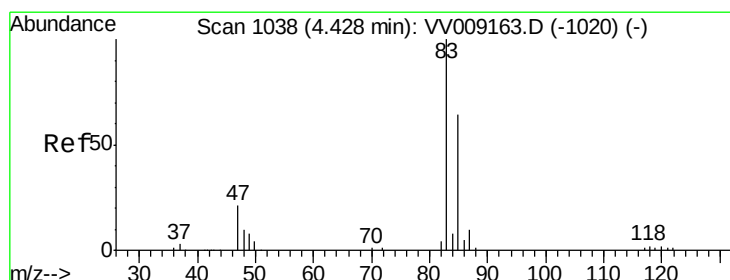
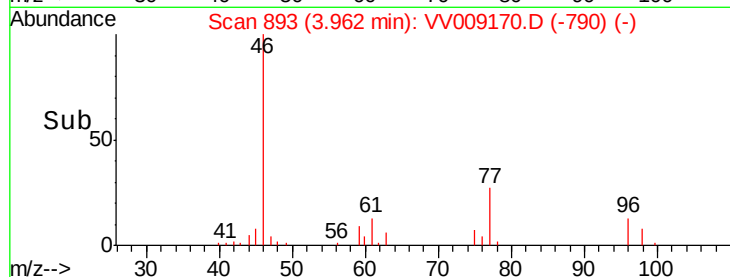
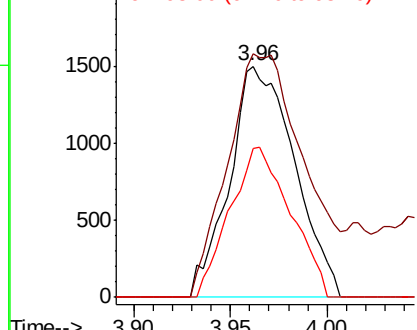
cis-1,2-Dichloroethene
Concen: 1.127 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009170.D
Acq: 04 Jan 2019 20:31

Instrument :
MSVOA_V
ClientSampled :
BE9W3

Tgt Ion: 96 Resp: 3493
Ion Ratio Lower Upper
96 100
61 105.3 83.2 154.6
98 64.3 45.8 85.2



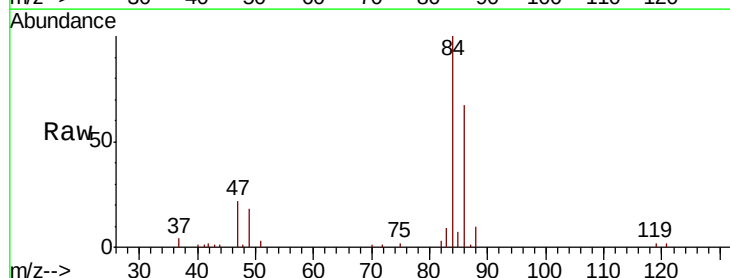
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



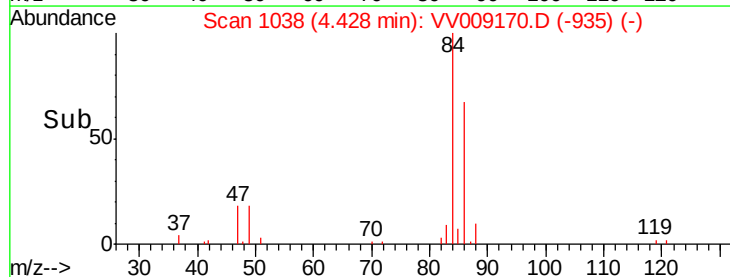
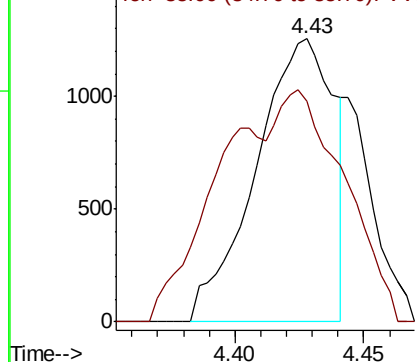
#25

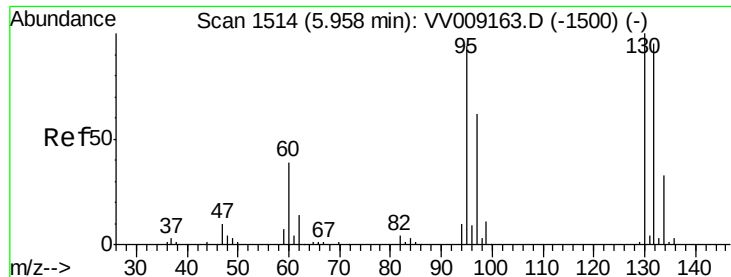
Chloroform
Concen: 0.515 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009170.D
Acq: 04 Jan 2019 20:31

Tgt Ion: 83 Resp: 2643
Ion Ratio Lower Upper
83 100
85 55.7 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 1281.030 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

Instrument :

MSVOA_V

ClientSampleId :

BE9W3

Tgt Ion: 95 Resp: 4258768

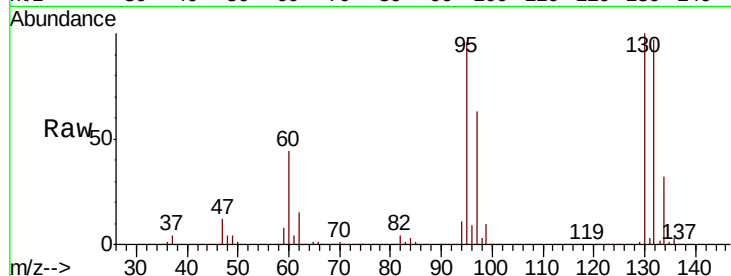
Ion Ratio Lower Upper

95 100

97 65.3 46.2 85.8

132 101.9 73.9 137.3

130 105.3 77.0 143.0

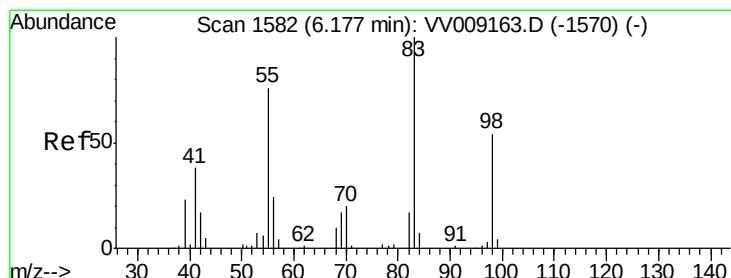
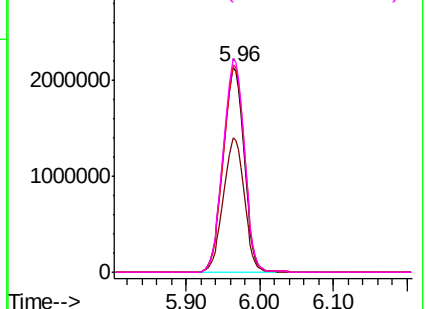
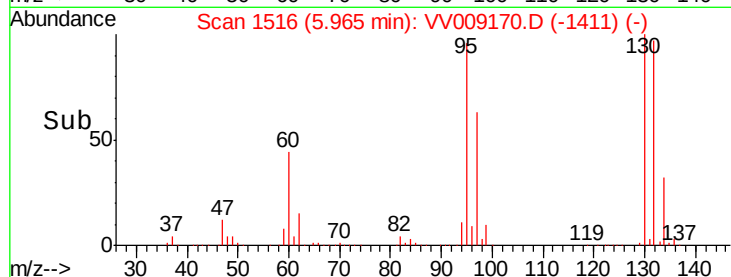


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#36

Methylcyclohexane

Concen: 3.179 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

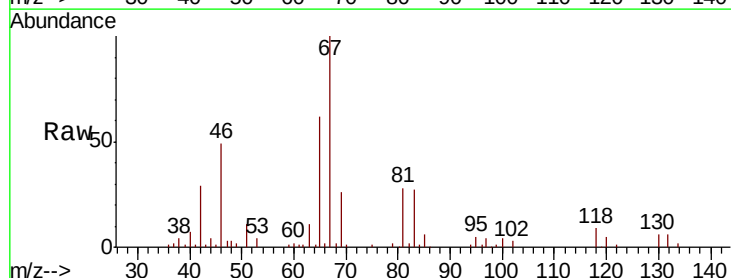
Tgt Ion: 83 Resp: 17657

Ion Ratio Lower Upper

83 100

55 0.2 58.5 87.7#

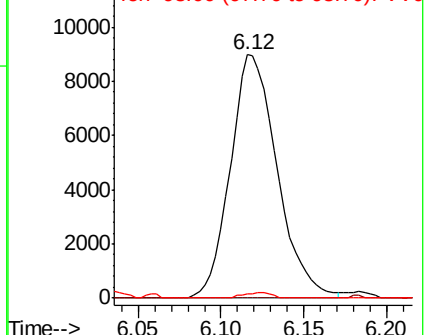
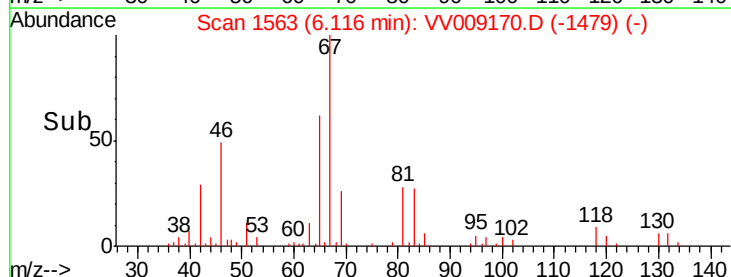
98 1.4 41.4 62.0#

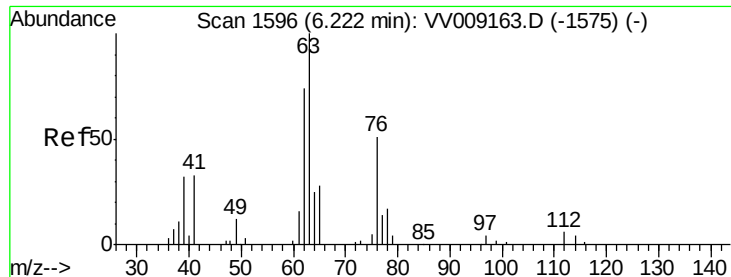


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

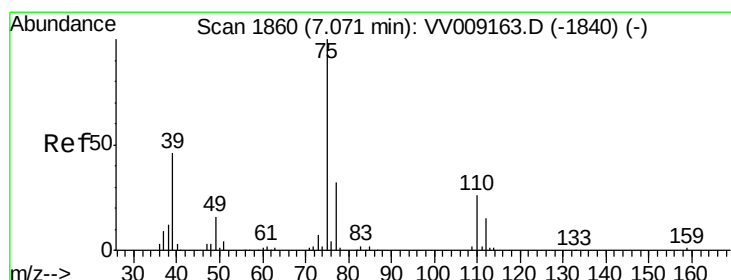
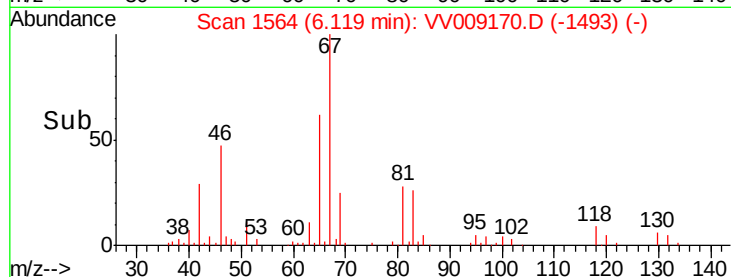
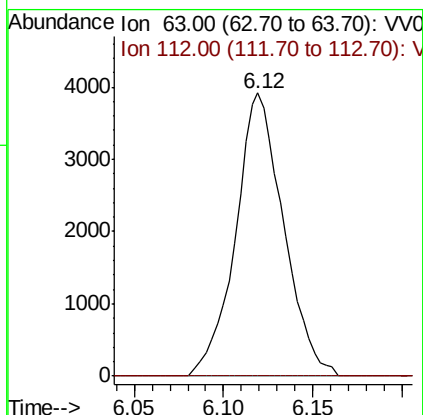
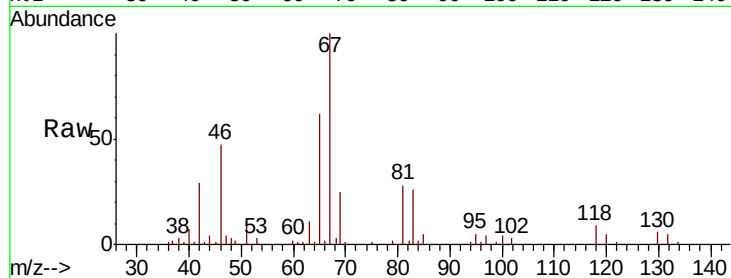




#40
 1,2-Dichloropropane
 Concen: 2.642 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009170.D
 Acq: 04 Jan 2019 20:31

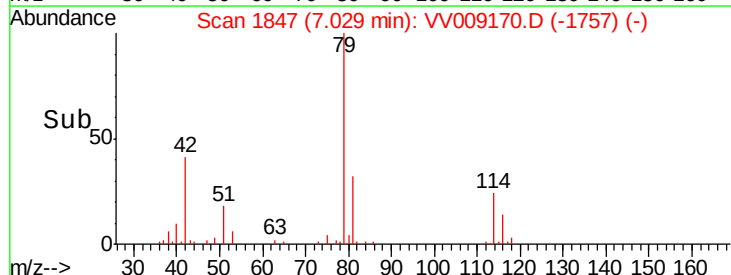
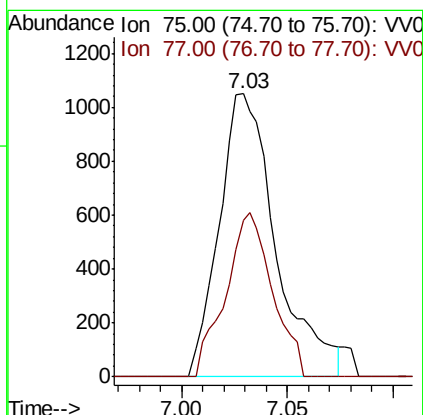
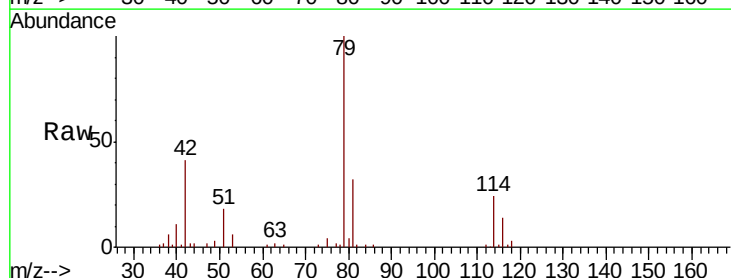
Instrument :
 MSVOA_V
 ClientSampled :
 BE9W3

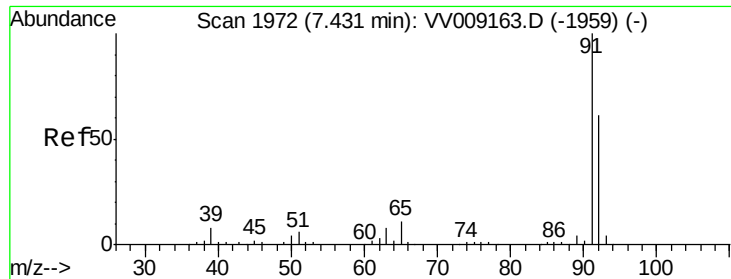
Tgt Ion: 63 Resp: 7347
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#42
 cis-1,3-Dichloropropene
 Concen: 0.445 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009170.D
 Acq: 04 Jan 2019 20:31

Tgt Ion: 75 Resp: 1962
 Ion Ratio Lower Upper
 75 100
 77 55.3 22.8 42.4#





#44

Toluene

Concen: 1.418 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

Instrument :

MSVOA_V

ClientSampleId :

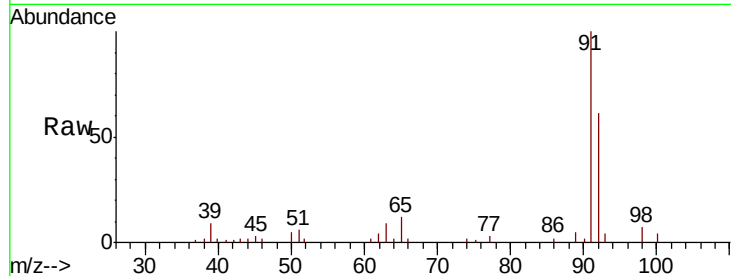
BE9W3

Tgt Ion: 91 Resp: 17636

Ion Ratio Lower Upper

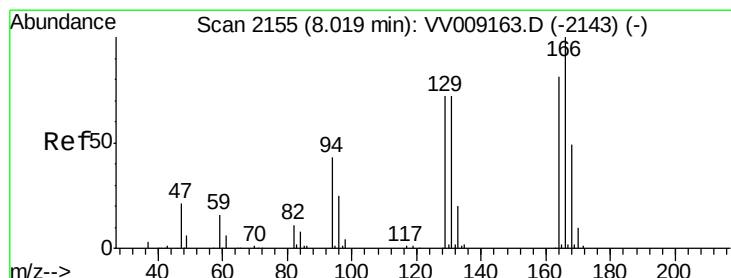
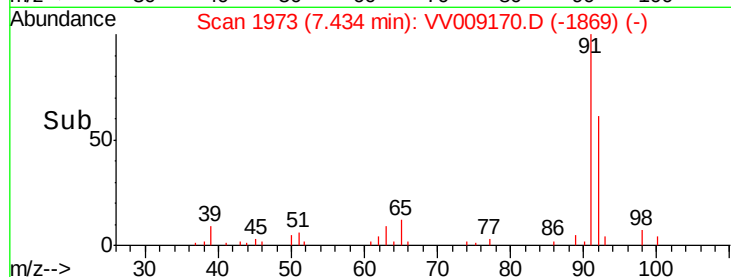
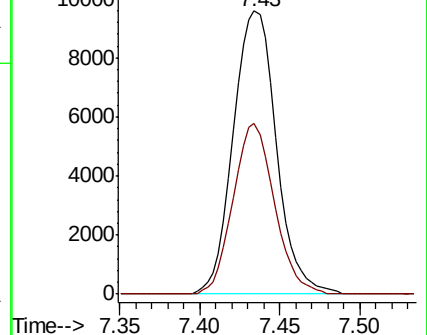
91 100

92 60.5 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV009163.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV009163.D (-1959) (-)



#47

Tetrachloroethene

Concen: 0.362 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009170.D

Acq: 04 Jan 2019 20:31

Tgt Ion: 164 Resp: 1044

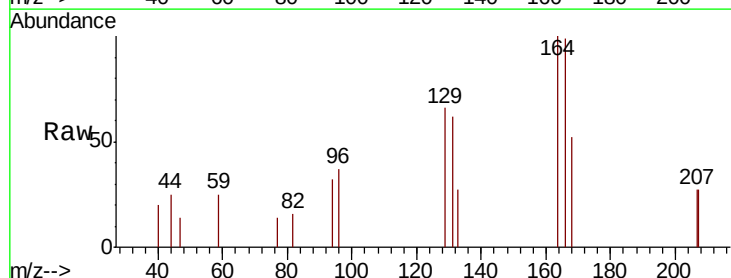
Ion Ratio Lower Upper

164 100

129 66.0 63.5 117.9

131 61.9 63.2 117.4#

166 99.2 88.0 163.4



Abundance Ion 164.00 (163.70 to 164.70): VV009163.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV009163.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV009163.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV009163.D (-2143) (-)

