

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010097.D
 Acq On : 03 Apr 2019 17:36
 Operator : SY/MD
 Sample : VIBLK15
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK15

Quant Time: Apr 04 06:06:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	212637	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197220	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87199	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71504	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
7) Chloroethane-d5	1.57	69	69464	19.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.60%
10) 1,1-Dichloroethene-d2	2.12	63	146391	20.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.56%
20) 2-Butanone-d5	3.95	46	61597	76.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.08%#
24) Chloroform-d	4.40	84	130271	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.08	65	80864	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.92%
29) Benzene-d6	5.10	84	279687	27.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.40%
33) 1,2-Dichloropropane-d6	6.12	67	78119	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
37) Toluene-d8	7.36	98	255952	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.88%
38) trans-1,3-Dichloropropene-	7.66	79	30053	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.16%
39) 2-Hexanone-d5	8.14	63	43708	72.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.40%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	82211	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	89585	26.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.48%

Target Compounds

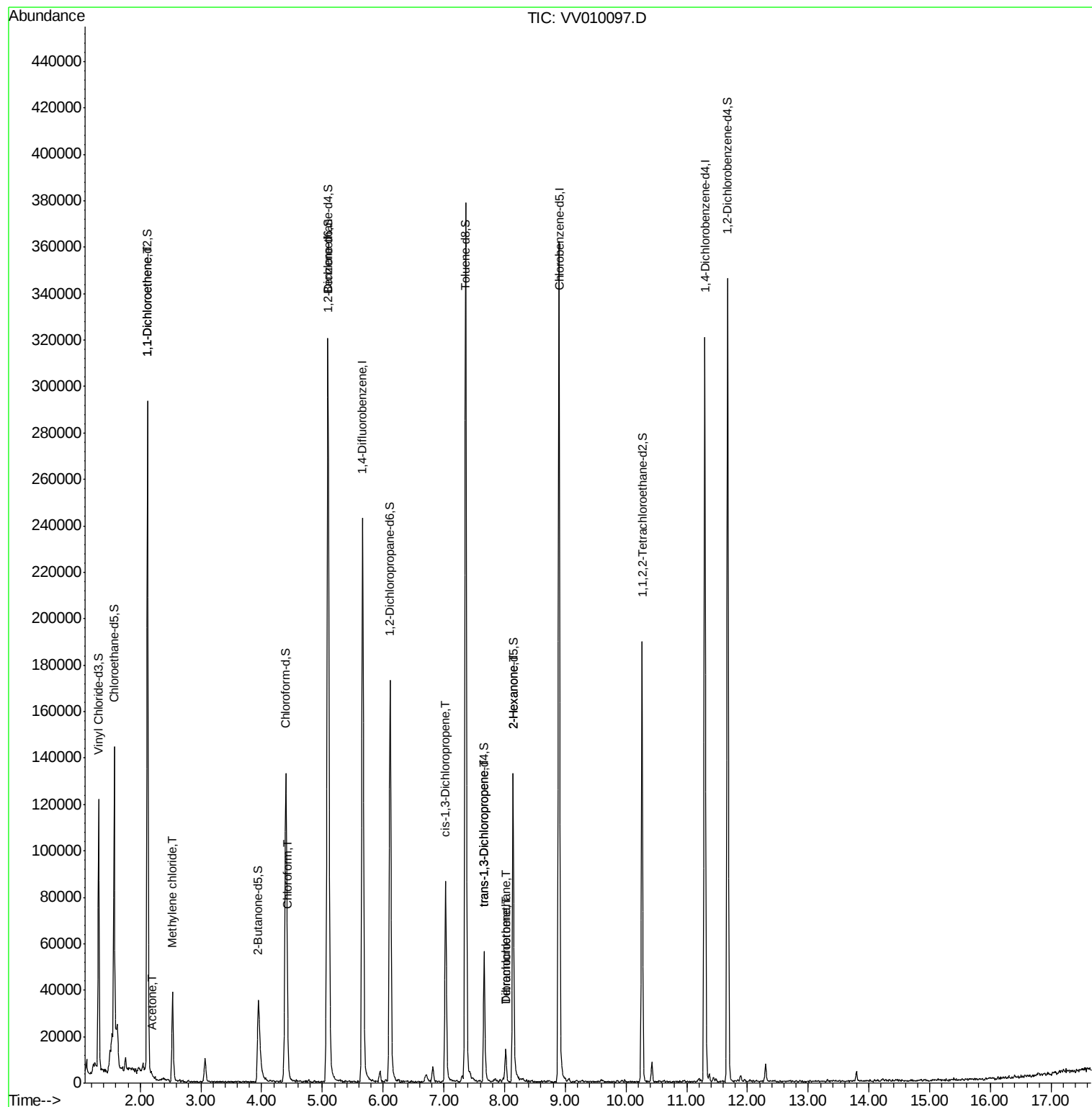
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.12	96	1516	0.521	ug/L #	1
13) Acetone	2.20	43	2041	2.548	ug/L	85
16) Methylene chloride	2.53	84	16100	4.310	ug/L	90
25) Chloroform	4.43	83	4251	0.879	ug/L #	68
42) cis-1,3-Dichloropropene	7.03	75	2595	0.736	ug/L	90
45) trans-1,3-Dichloropropene	7.67	75	1447	0.482	ug/L	87
47) Tetrachloroethene	8.02	164	2488	1.071	ug/L	88
49) 2-Hexanone	8.14	43	5693	4.421	ug/L #	63
50) Dibromochloromethane	8.02	129	2697	1.113	ug/L #	12

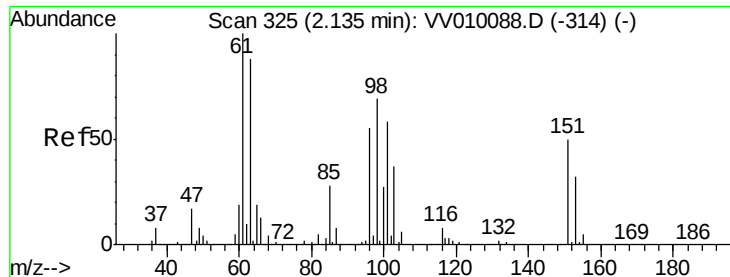
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010097.D
Acq On : 03 Apr 2019 17:36
Operator : SY/MD
Sample : VIBLK15
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK15

Quant Time: Apr 04 06:06:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.521 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV010097.D

Acq: 03 Apr 2019 17:36

Instrument :

MSVOA_V

ClientSampleId :

VIBLK15

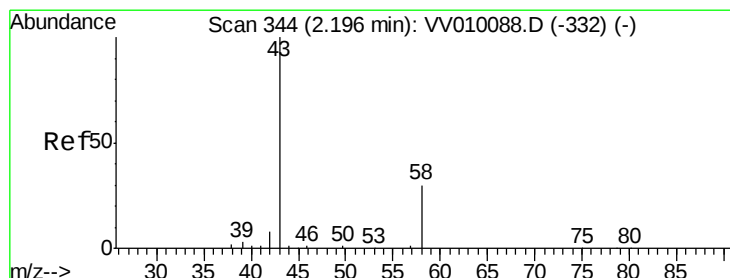
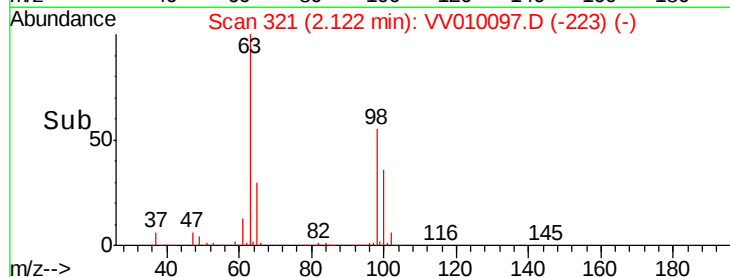
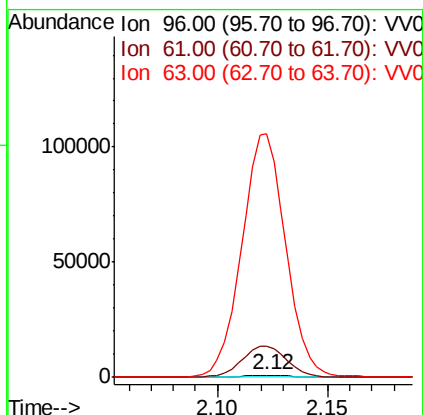
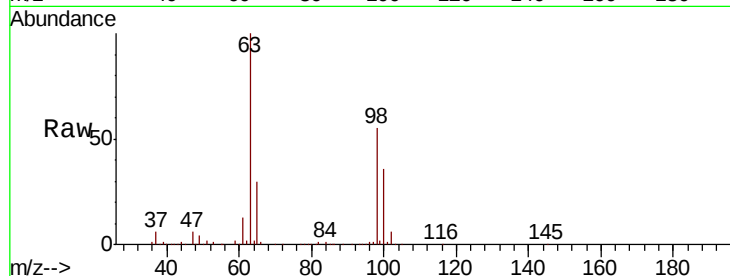
Tgt Ion: 96 Resp: 1516

Ion Ratio Lower Upper

96 100

61 1428.5 127.8 237.4#

63 11027.3 112.6 209.2#



#13

Acetone

Concen: 2.548 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV010097.D

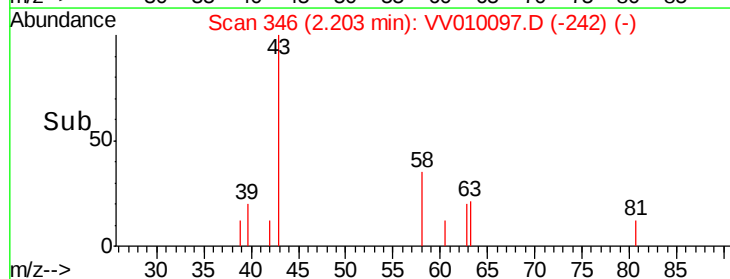
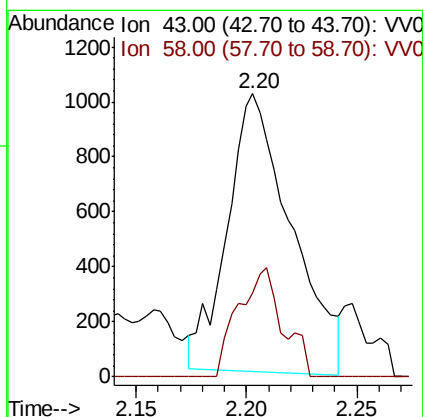
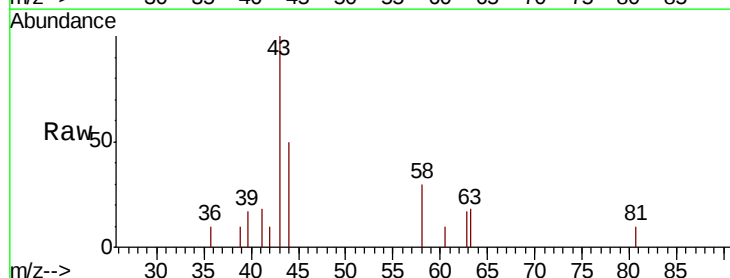
Acq: 03 Apr 2019 17:36

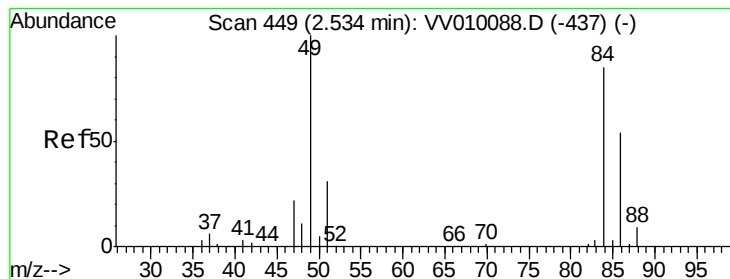
Tgt Ion: 43 Resp: 2041

Ion Ratio Lower Upper

43 100

58 24.2 0.0 64.6





#16

Methylene chloride

Concen: 4.310 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010097.D

Acq: 03 Apr 2019 17:36

Instrument :

MSVOA_V

ClientSampled :

VIBLK15

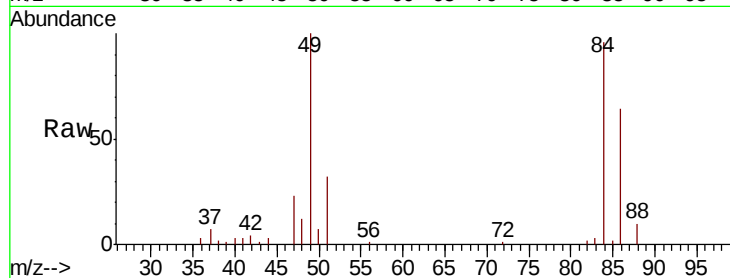
Tgt Ion: 84 Resp: 16100

Ion Ratio Lower Upper

84 100

49 104.5 84.3 156.5

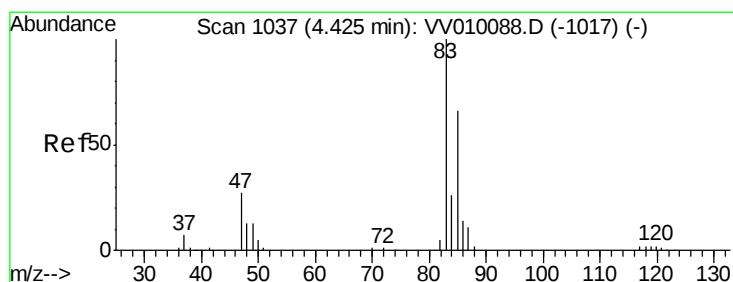
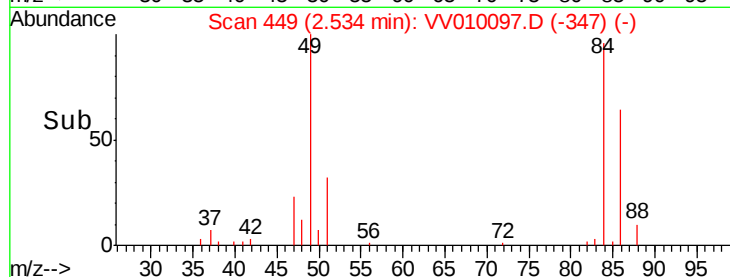
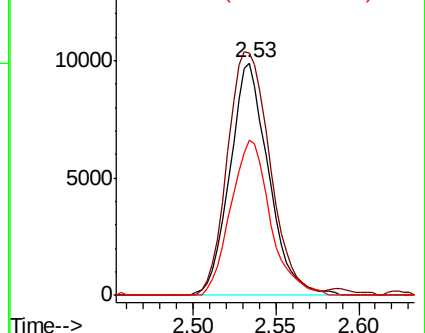
86 66.7 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)



#25

Chloroform

Concen: 0.879 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV010097.D

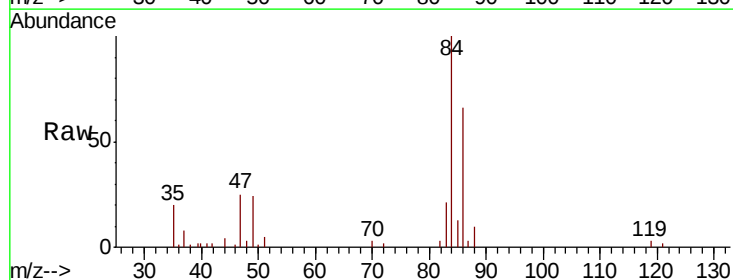
Acq: 03 Apr 2019 17:36

Tgt Ion: 83 Resp: 4251

Ion Ratio Lower Upper

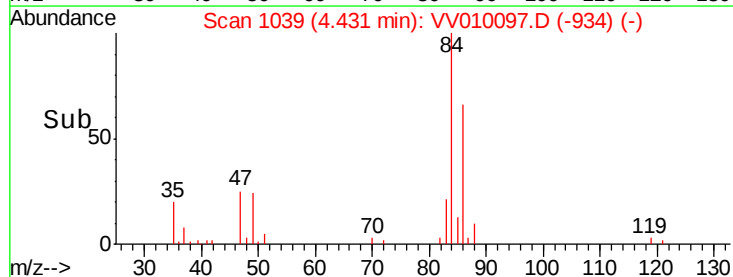
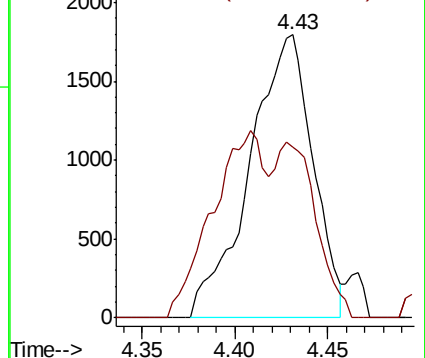
83 100

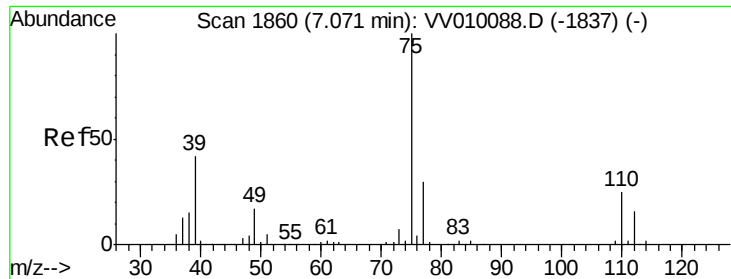
85 40.9 46.4 86.2#



Abundance Ion 83.00 (82.70 to 83.70): VV010088.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV010088.D (-1017) (-)



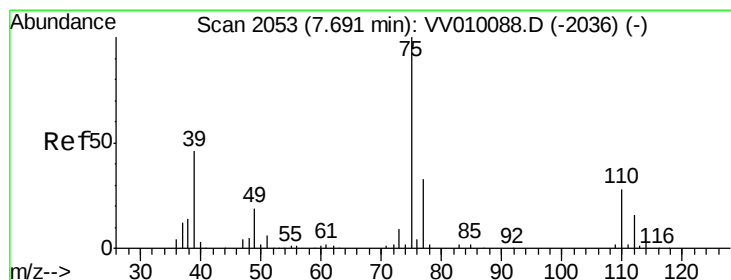
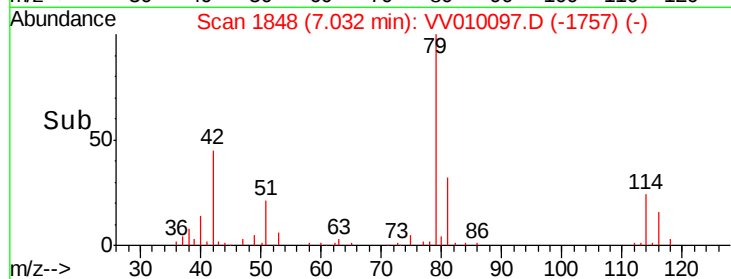
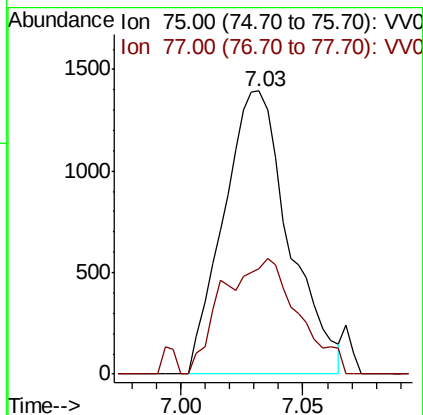
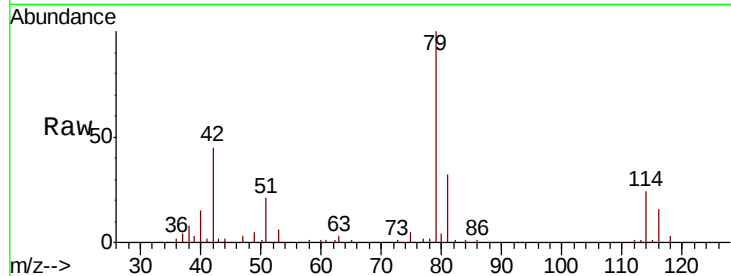


#42

cis-1,3-Dichloropropene
Concen: 0.736 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010097.D
Acq: 03 Apr 2019 17:36

Instrument :
MSVOA_V
ClientSampled :
VIBLK15

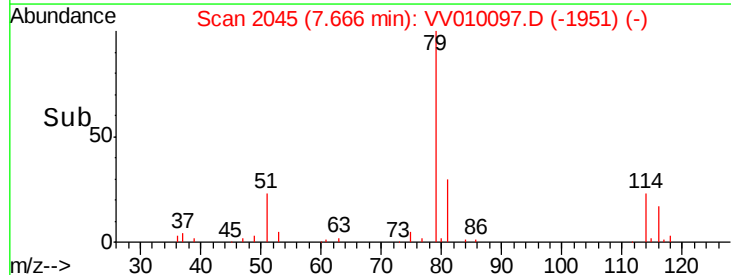
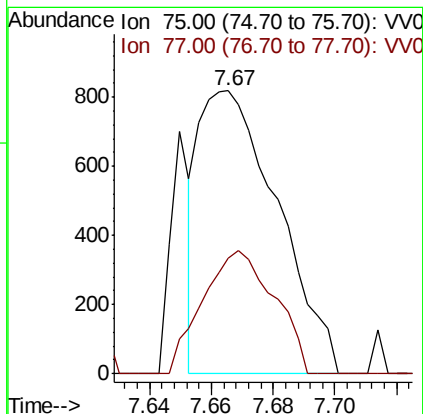
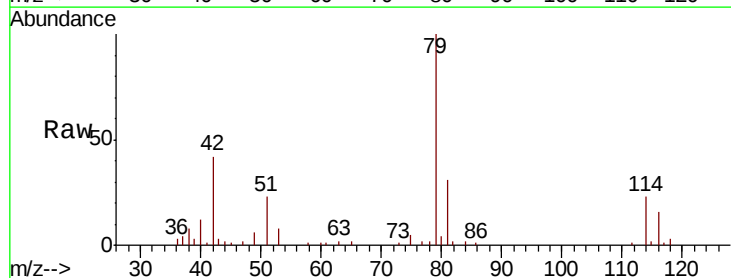
Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
77 37.1 22.1 41.1

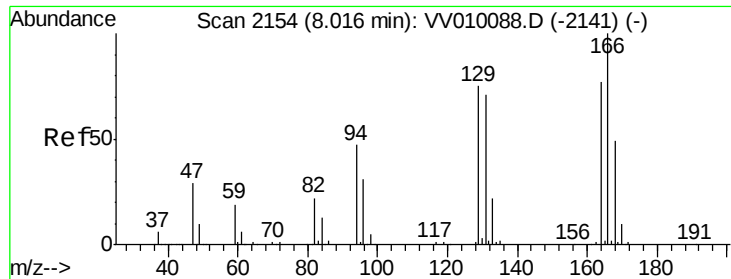


#45

trans-1,3-Dichloropropene
Concen: 0.482 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010097.D
Acq: 03 Apr 2019 17:36

Tgt Ion: 75 Resp: 1447
Ion Ratio Lower Upper
75 100
77 41.0 23.5 43.7





#47

Tetrachloroethene

Concen: 1.071 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010097.D

Acq: 03 Apr 2019 17:36

Instrument :

MSVOA_V

ClientSampleId :

VIBLK15

Tgt Ion:164 Resp: 2488

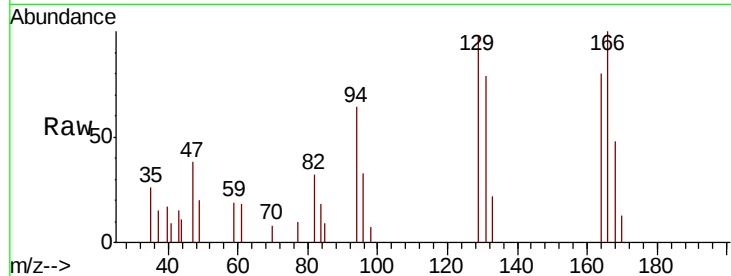
Ion Ratio Lower Upper

164 100

129 121.7 67.8 125.8

131 98.1 65.2 121.0

166 124.6 93.8 174.2



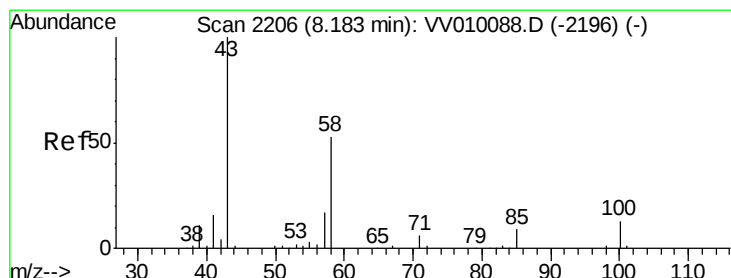
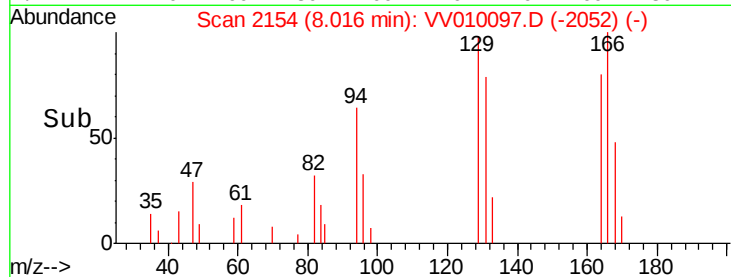
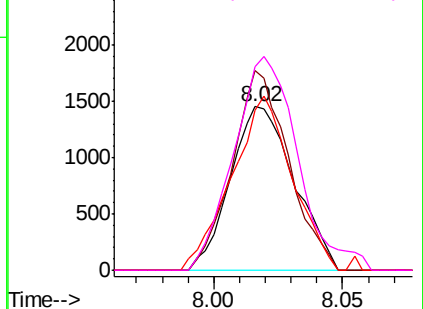
Abundance

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



#49

2-Hexanone

Concen: 4.421 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV010097.D

Acq: 03 Apr 2019 17:36

Tgt Ion: 43 Resp: 5693

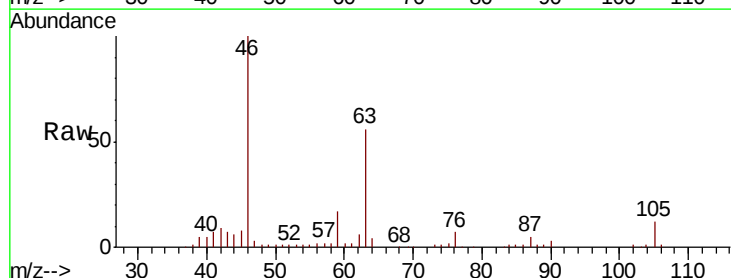
Ion Ratio Lower Upper

43 100

58 30.5 44.3 66.5#

57 38.8 13.8 20.8#

100 0.0 10.6 15.8#



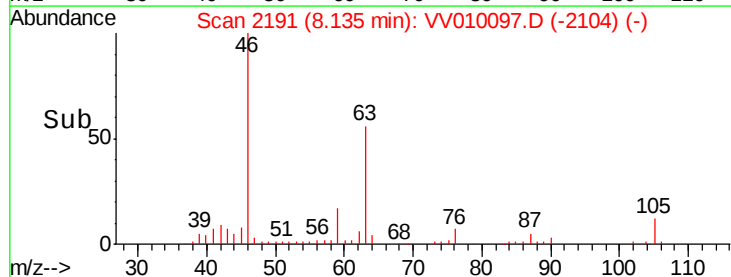
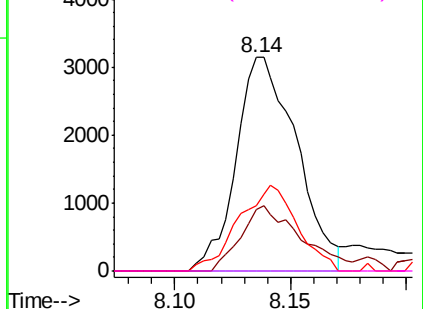
Abundance

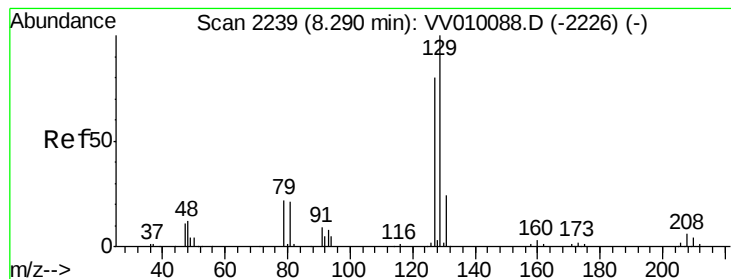
Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#50
 Dibromochloromethane
 Concen: 1.113 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV010097.D
 Acq: 03 Apr 2019 17:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK15

Tgt Ion:129 Resp: 2697
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.1 96.7#

