

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
 Data File : VV009204.D
 Acq On : 08 Jan 2019 20:07
 Operator : SY/MD
 Sample : K1050-12
 Misc : 5.07 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jan 09 00:44:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	220059	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	206197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92846	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53417	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
7) Chloroethane-d5	1.58	69	37695	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	2.13	63	110409	20.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.24%
20) 2-Butanone-d5	3.96	46	75364	86.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.62%#
24) Chloroform-d	4.40	84	153384	29.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.80%
26) 1,2-Dichloroethane-d4	5.08	65	98601	35.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.60%#
29) Benzene-d6	5.10	84	300503	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	6.12	67	89821	30.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.36%#
37) Toluene-d8	7.36	98	268219	27.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.68%
38) trans-1,3-Dichloropropene-	7.67	79	42883	29.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	117.92%
39) 2-Hexanone-d5	8.14	63	38870	71.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.78%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	80240	27.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	94785	27.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.64%

Target Compounds

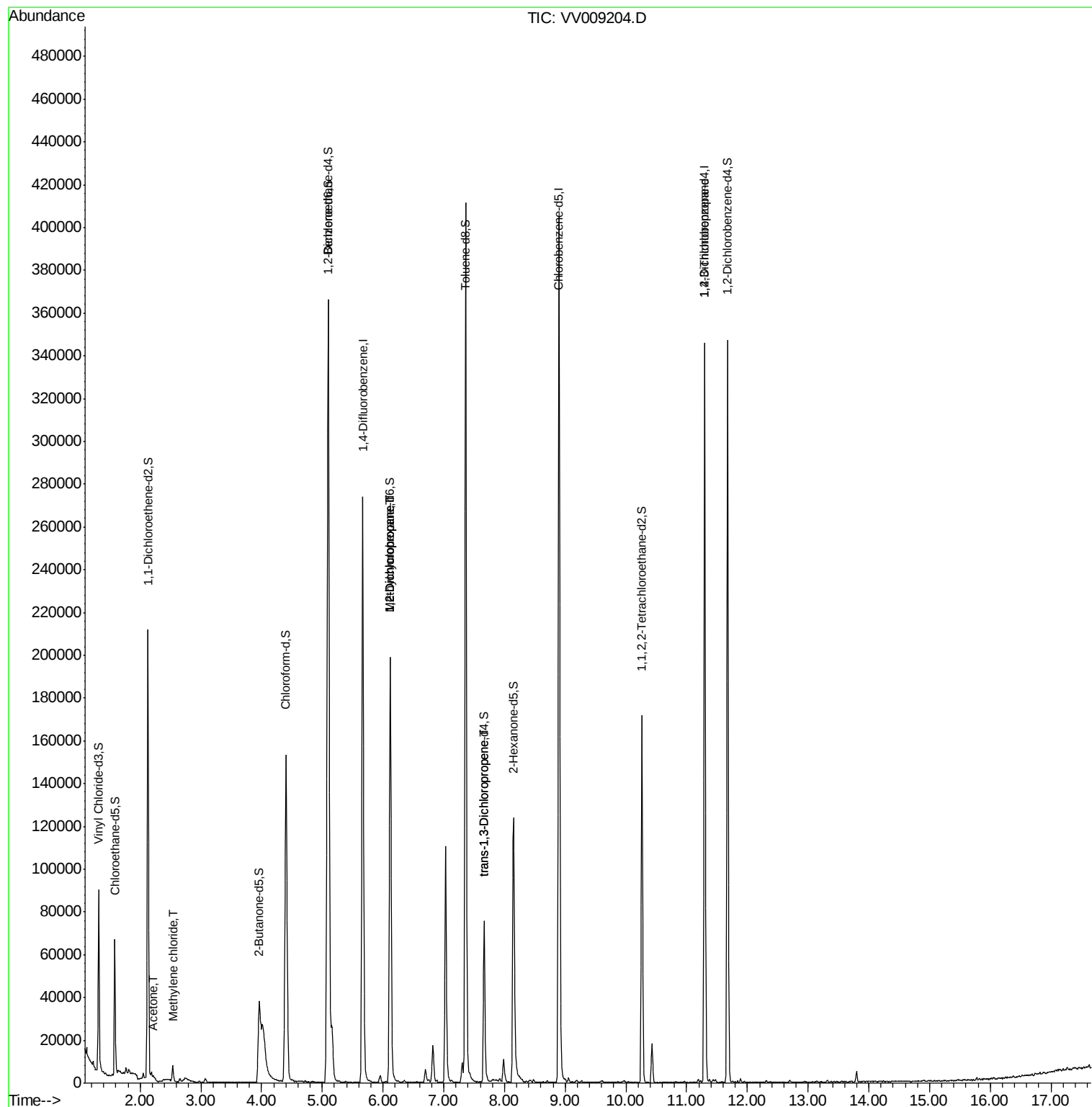
					Qvalue
13) Acetone	2.22	43	3716	2.852 ug/L	92
16) Methylene chloride	2.54	84	2536	0.797 ug/L	93
36) Methylcyclohexane	6.12	83	22045	4.213 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	10982	4.154 ug/L #	85
45) trans-1,3-Dichloropropene	7.66	75	2117	0.579 ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	10518	4.636 ug/L	91

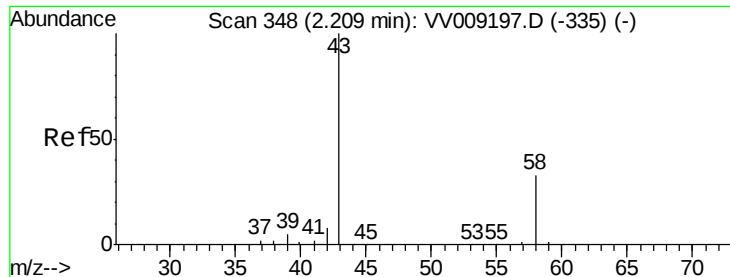
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
Data File : VV009204.D
Acq On : 08 Jan 2019 20:07
Operator : SY/MD
Sample : K1050-12
Misc : 5.07 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jan 09 00:44:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 09 00:40:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.852 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV009204.D

Acq: 08 Jan 2019 20:07

Instrument :

MSVOA_V

ClientSampleId :

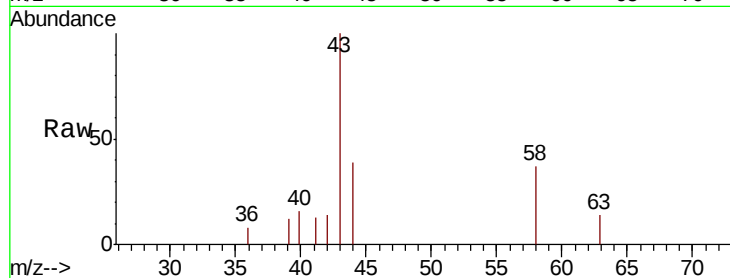
VHBLK01

Tgt Ion: 43 Resp: 3716

Ion Ratio Lower Upper

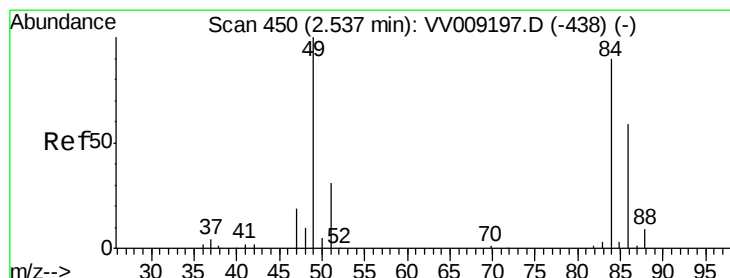
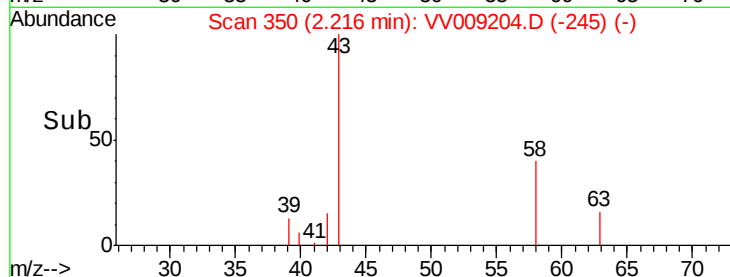
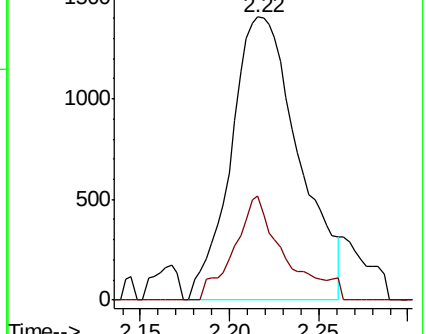
43 100

58 24.7 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009204.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VV009204.D (-350) (-)



#16

Methylene chloride

Concen: 0.797 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009204.D

Acq: 08 Jan 2019 20:07

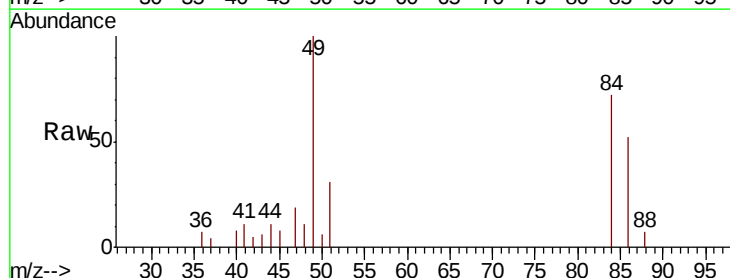
Tgt Ion: 84 Resp: 2536

Ion Ratio Lower Upper

84 100

49 138.1 92.0 170.9

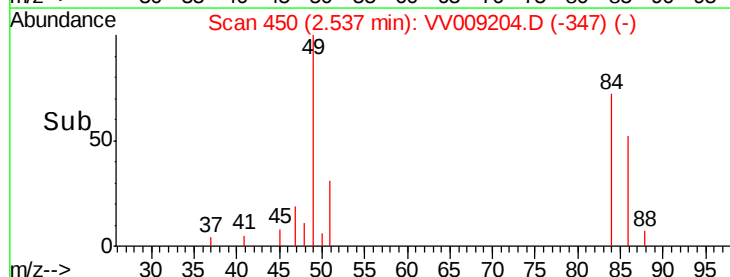
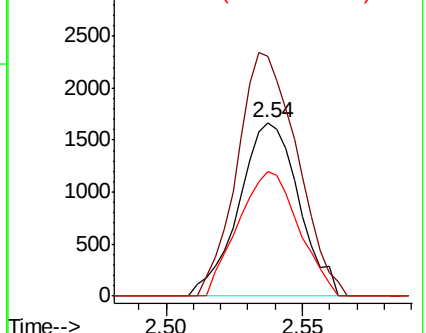
86 72.1 44.9 83.3

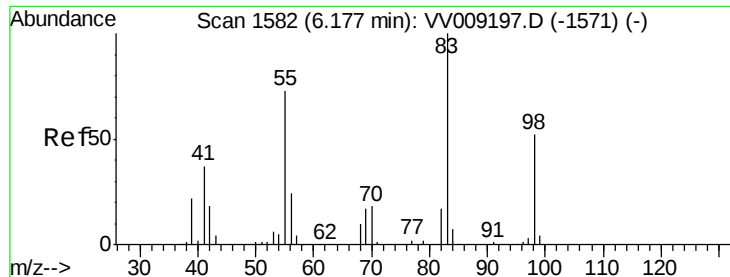


Abundance Ion 84.00 (83.70 to 84.70): VV009204.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV009204.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV009204.D (-449) (-)

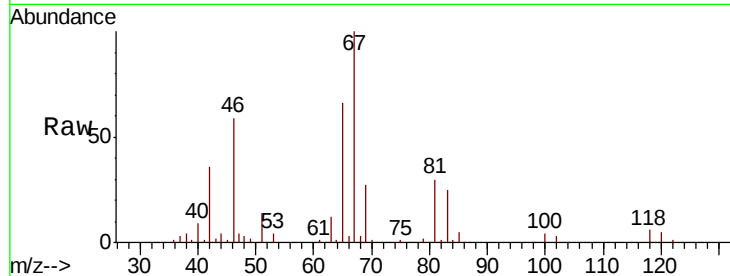




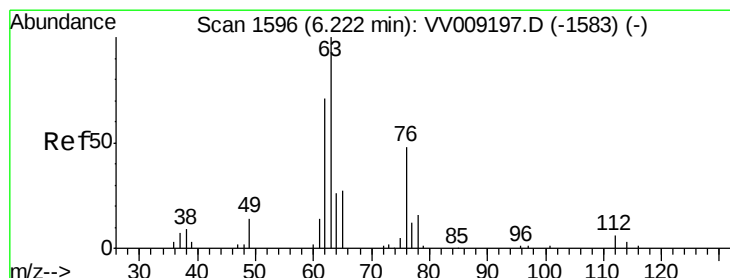
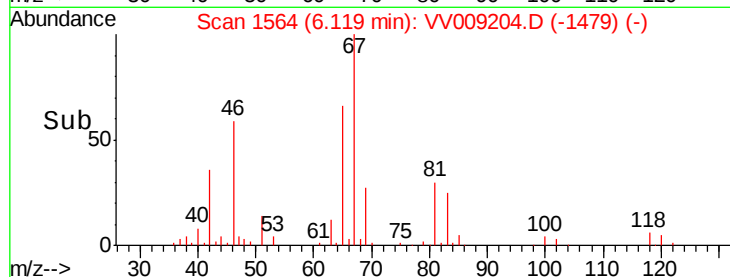
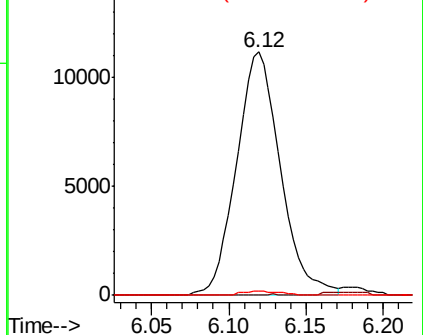
#36
Methylcyclohexane
Concen: 4.213 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009204.D
Acq: 08 Jan 2019 20:07

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 22045
Ion Ratio Lower Upper
83 100
55 1.0 57.6 86.4#
98 0.9 41.0 61.6#

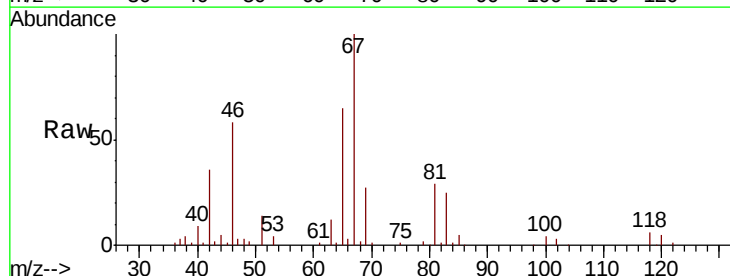


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

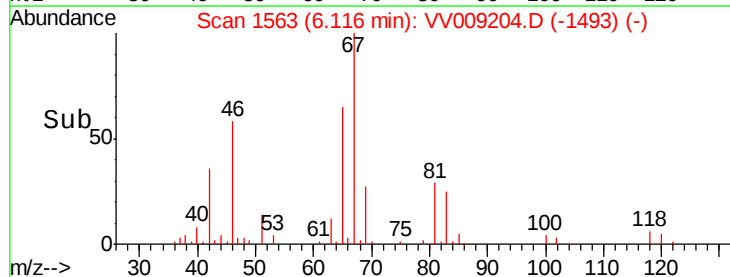
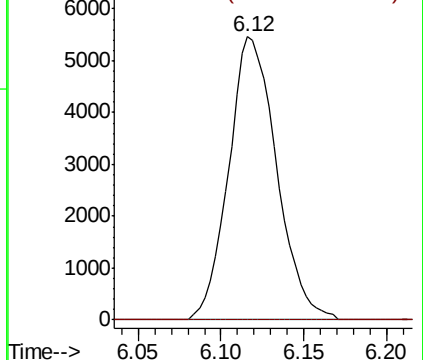


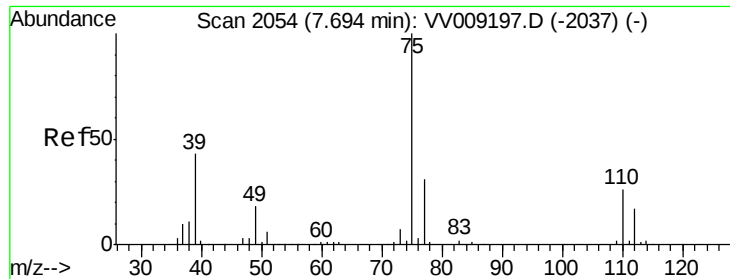
#40
1,2-Dichloropropane
Concen: 4.154 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009204.D
Acq: 08 Jan 2019 20:07

Tgt Ion: 63 Resp: 10982
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009204.D

Acq: 08 Jan 2019 20:07

Instrument :

MSVOA_V

ClientSampleId :

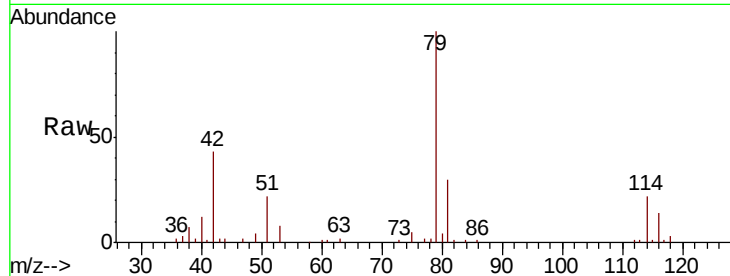
VHBLK01

Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

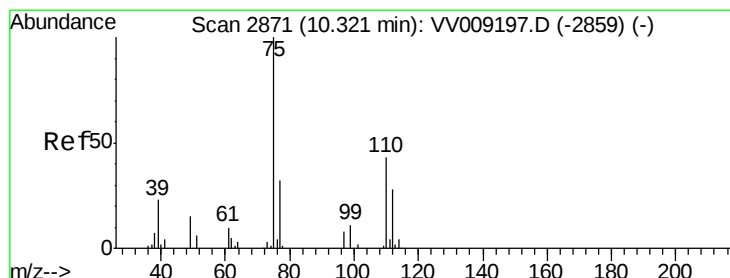
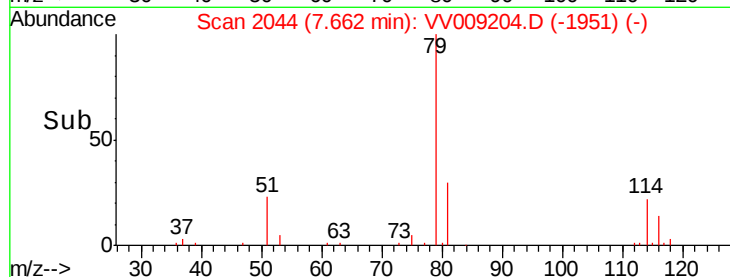
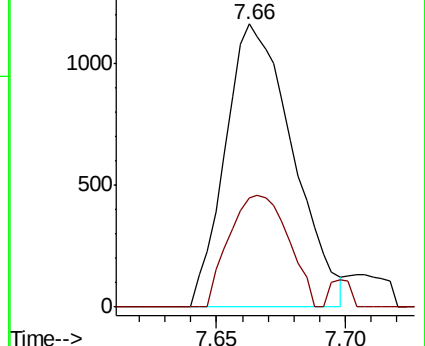
75 100

77 38.4 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 4.636 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009204.D

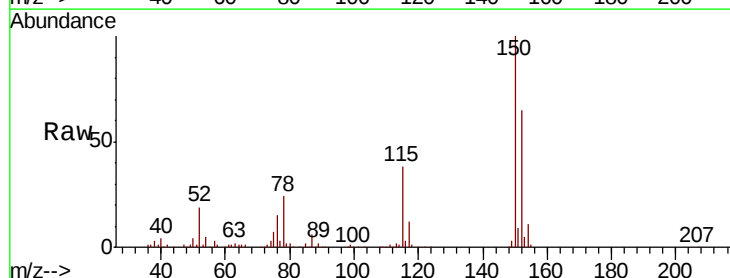
Acq: 08 Jan 2019 20:07

Tgt Ion: 75 Resp: 10518

Ion Ratio Lower Upper

75 100

77 38.0 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

