

Data File : VV011516.D
Acq On : 15 Jun 2019 03:19
Operator : SY/MD
Sample : VIBLK
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Quant Time: Jun 15 04:40:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66005	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63809	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	44792	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	97269	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.95	46	195979	49.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.40	84	127190	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	74525	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.09	84	256575	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.12	67	79487	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	218891	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	22757	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	150886	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54370	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	69203	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

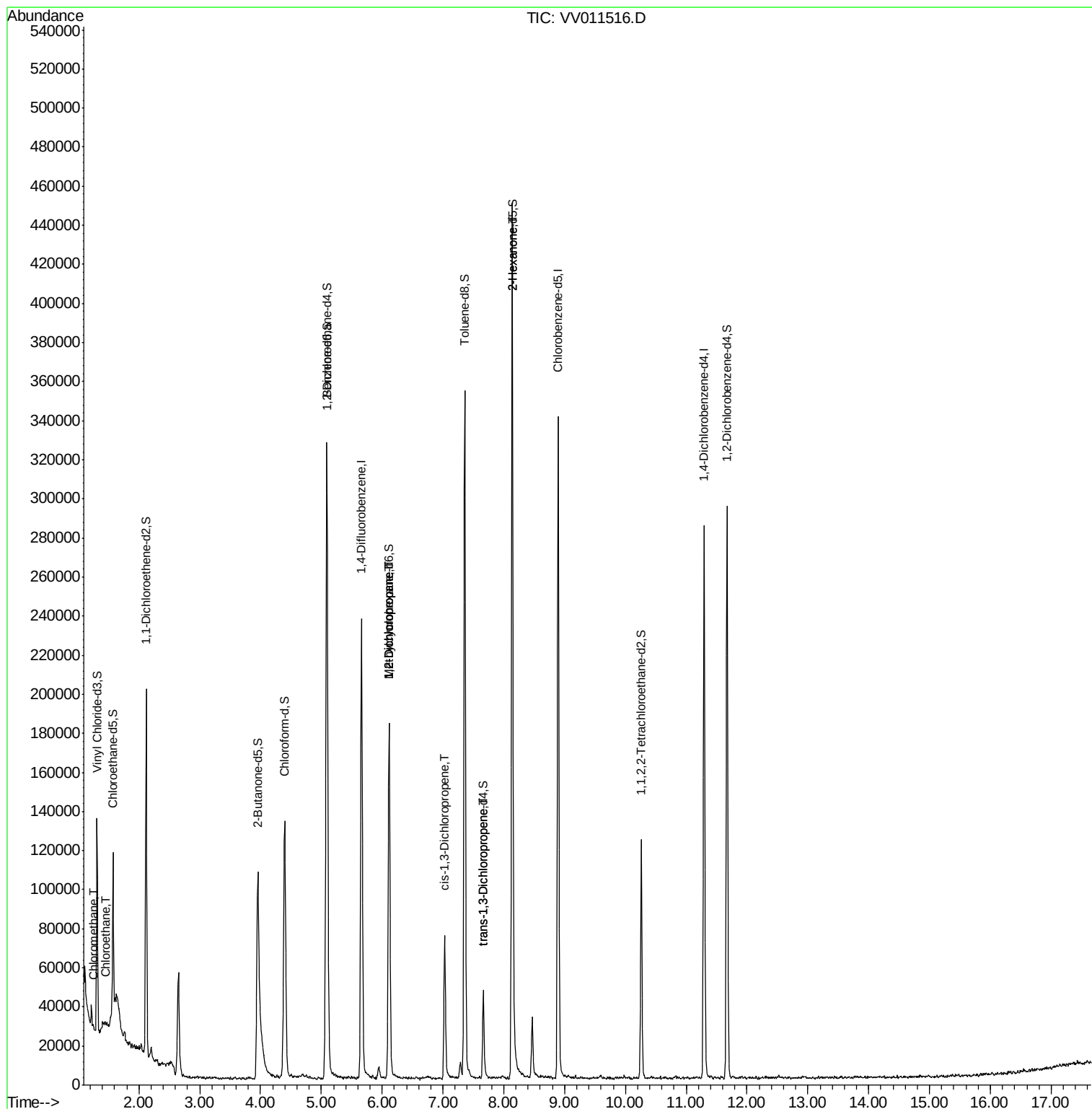
					Qvalue
3) Chloromethane	1.25	50	1710	0.096 ug/L	91
8) Chloroethane	1.44	64	2507	0.294 ug/L #	55
35) Methylcyclohexane	6.11	83	19085	0.959 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9900	0.680 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2077	0.113 ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	1284	0.092 ug/L #	67
48) 2-Hexanone	8.14	43	21307	2.919 ug/L #	68

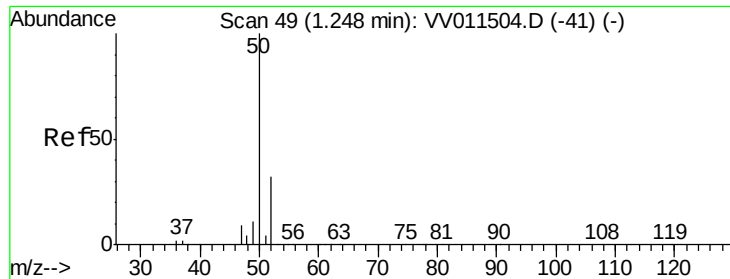
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011516.D

Acq: 15 Jun 2019 03:19

Instrument :

MSVOA_V

ClientSampled :

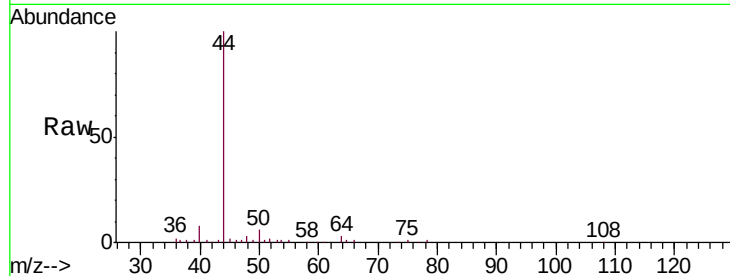
VIBLK42

Tgt Ion: 50 Resp: 1710

Ion Ratio Lower Upper

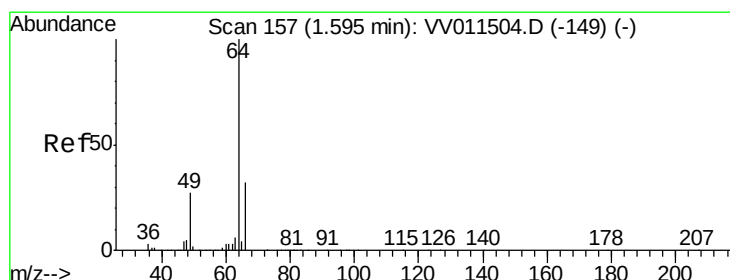
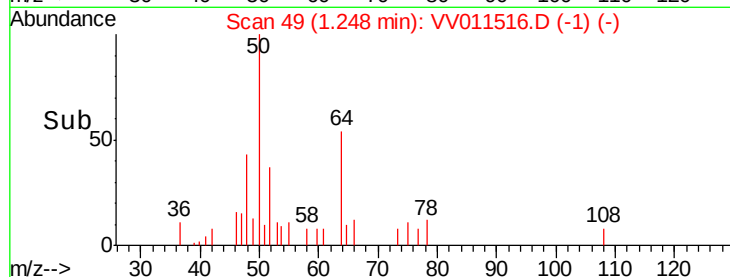
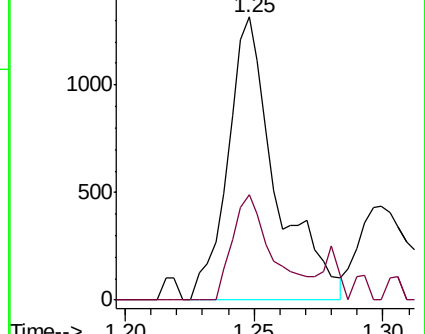
50 100

52 37.3 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.294 ug/L

RT: 1.44 min Scan# 110

Delta R.T. -0.15 min

Lab File: VV011516.D

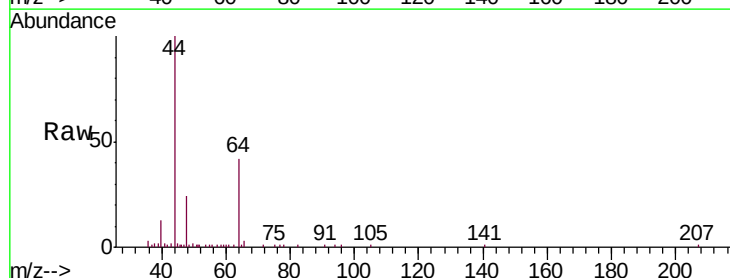
Acq: 15 Jun 2019 03:19

Tgt Ion: 64 Resp: 2507

Ion Ratio Lower Upper

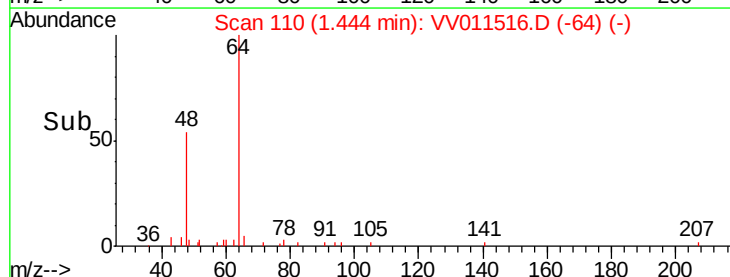
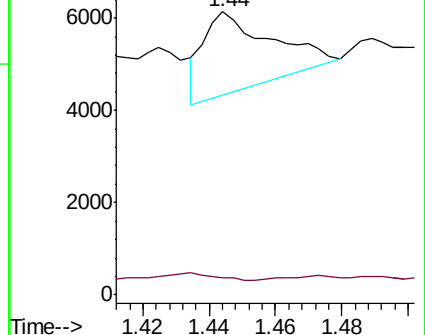
64 100

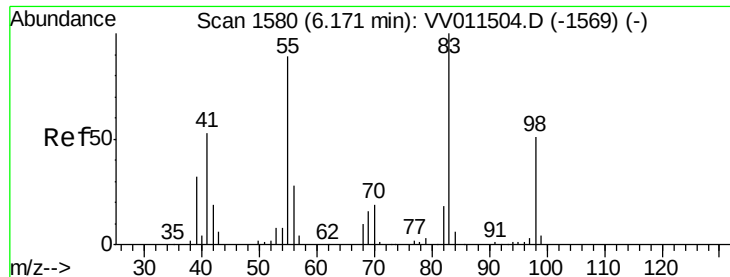
66 6.2 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#35

Methylcyclohexane

Concen: 0.959 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

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Instrument :

MSVOA_V

ClientSampleId :

VIBLK42

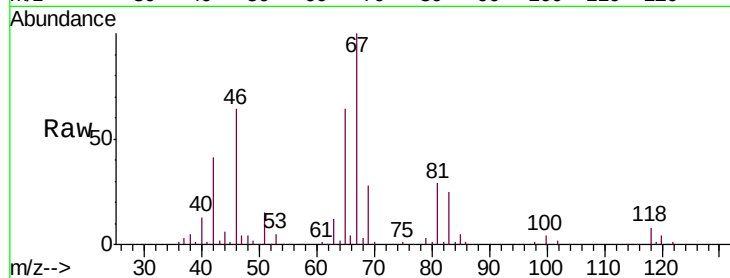
Tgt Ion: 83 Resp: 19085

Ion Ratio Lower Upper

83 100

55 1.5 67.9 101.9#

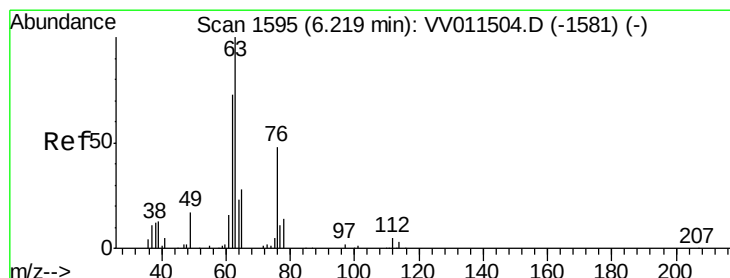
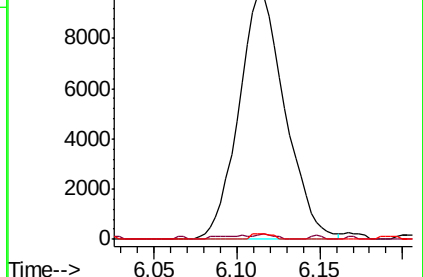
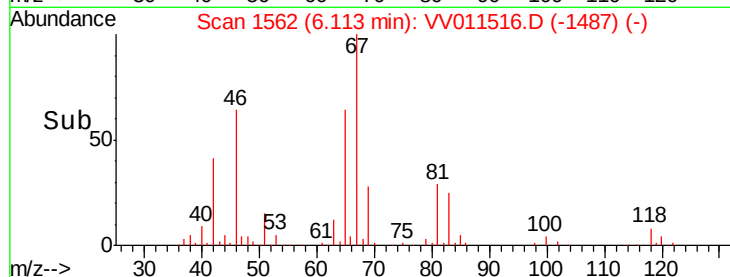
98 1.0 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV011516.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011516.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011516.D (-1487) (-)



#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011516.D

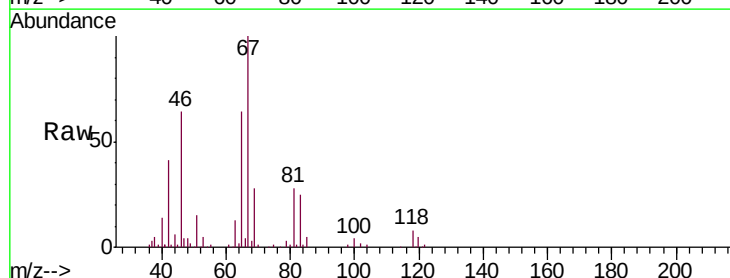
Acq: 15 Jun 2019 03:19

Tgt Ion: 63 Resp: 9900

Ion Ratio Lower Upper

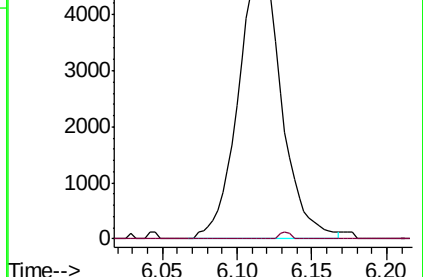
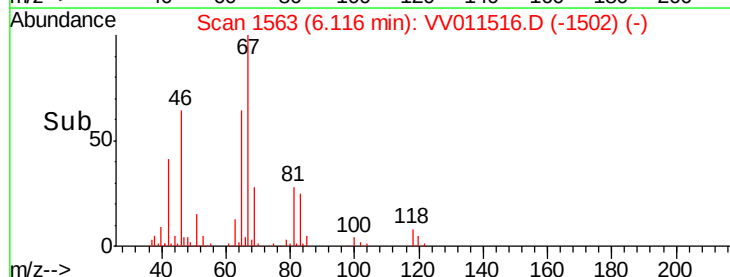
63 100

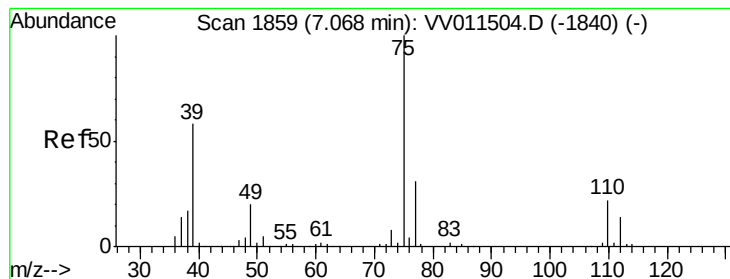
112 0.7 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV011516.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV011516.D (-1502) (-)



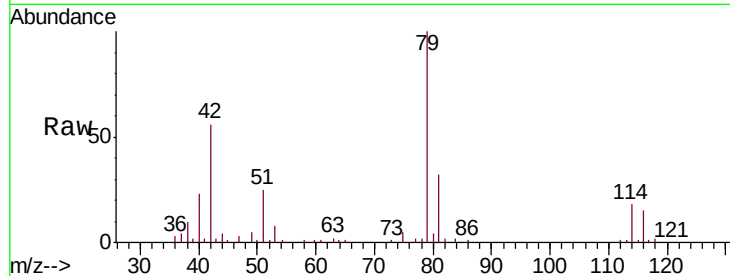


#39

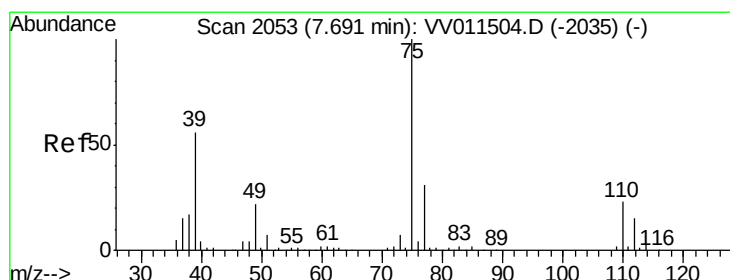
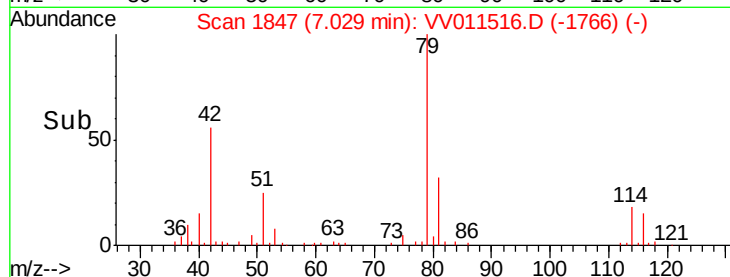
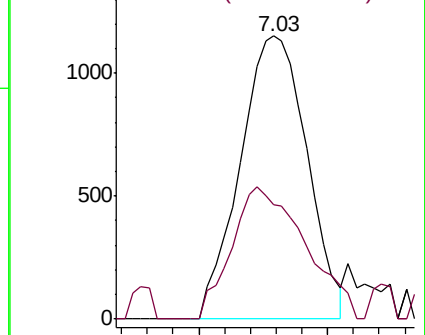
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011516.D
Acq: 15 Jun 2019 03:19

Instrument :
MSVOA_V
ClientSampleId :
VIBLK42

Tgt Ion: 75 Resp: 2077
Ion Ratio Lower Upper
75 100
77 40.3 20.6 38.4#



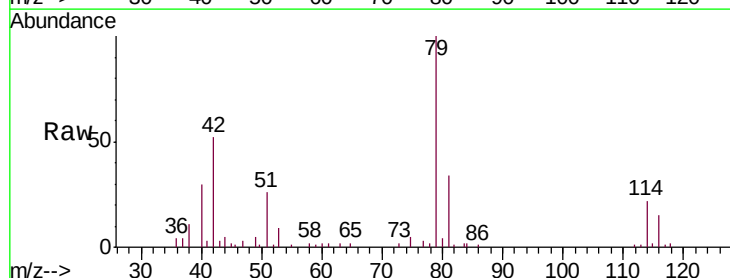
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



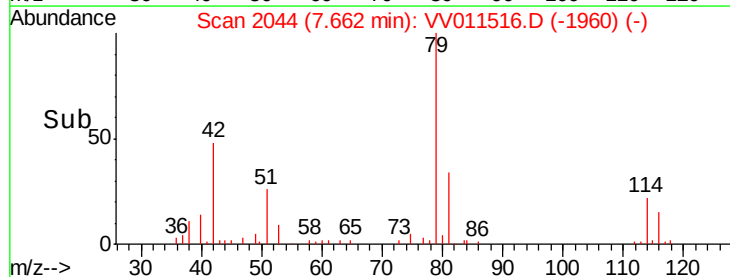
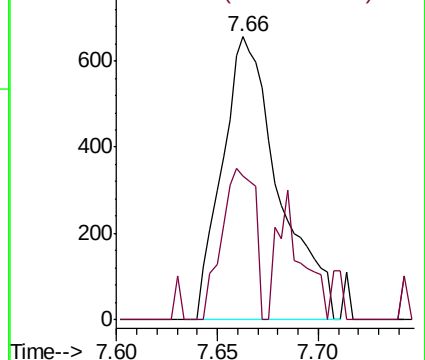
#44

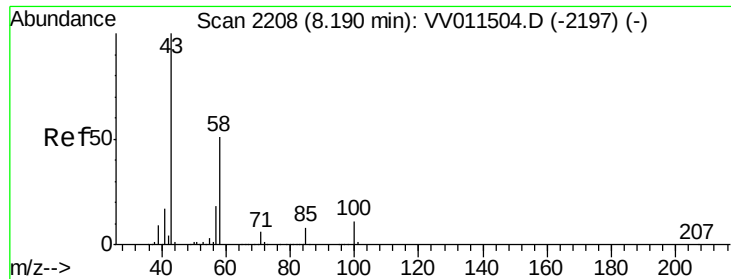
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011516.D
Acq: 15 Jun 2019 03:19

Tgt Ion: 75 Resp: 1284
Ion Ratio Lower Upper
75 100
77 50.9 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 2.919 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011516.D
 Acq: 15 Jun 2019 03:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK42

Tgt Ion:	43	Resp:	21307
Ion	Ratio	Lower	Upper
43	100		
58	24.9	40.6	60.8#
57	26.7	14.2	21.4#
100	1.0	8.6	12.8#

