

Data File : VV008360.D
Acq On : 19 Oct 2018 12:49
Operator : SY/MD
Sample : J5589-02
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0T23

Quant Time: Oct 20 02:52:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 20 02:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154397	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135883	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43473	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.59	69	31061	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.13	63	62237	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.97	46	130132	44.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.94%
24) Chloroform-d	4.40	84	89369	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	48977	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	194282	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	62591	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	175268	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	23269	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	75340	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31054	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	50401	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

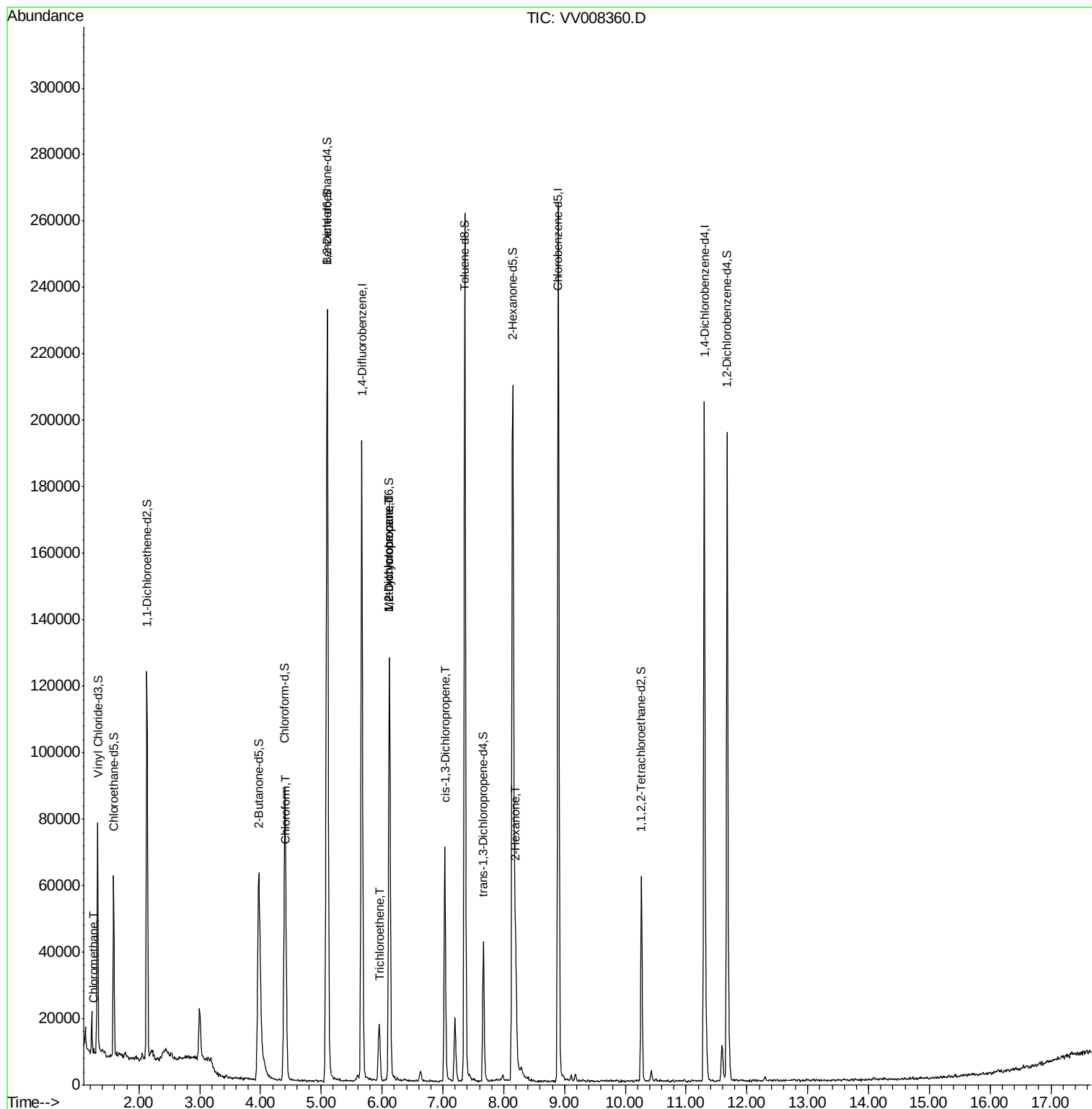
					Qvalue
3) Chloromethane	1.25	50	1209	0.100 ug/L	92
25) Chloroform	4.43	83	1860	0.092 ug/L	97
34) Trichloroethene	5.96	95	2535	0.200 ug/L	88
35) Methylcyclohexane	6.12	83	14477	0.677 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6976	0.565 ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	1770	0.100 ug/L #	81
48) 2-Hexanone	8.20	43	26145	4.728 ug/L #	86

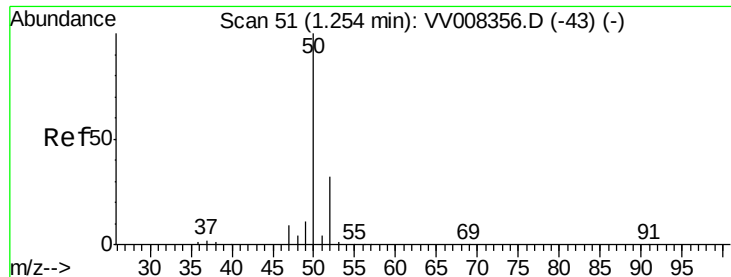
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008360.D

Acq: 19 Oct 2018 12:49

Instrument :

MSVOA_V

ClientSampleId :

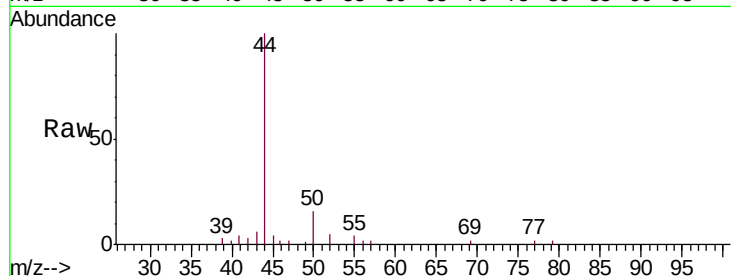
C0T23

Tgt Ion: 50 Resp: 1209

Ion Ratio Lower Upper

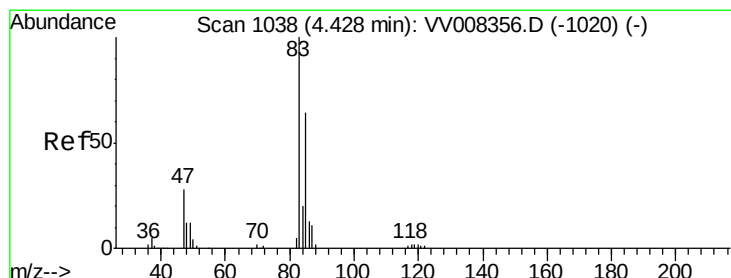
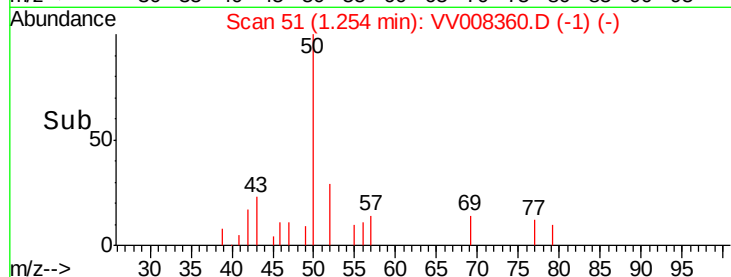
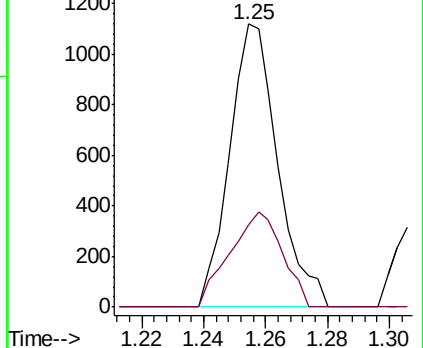
50 100

52 29.3 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008360.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV008360.D (-1) (-)



#25

Chloroform

Concen: 0.092 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV008360.D

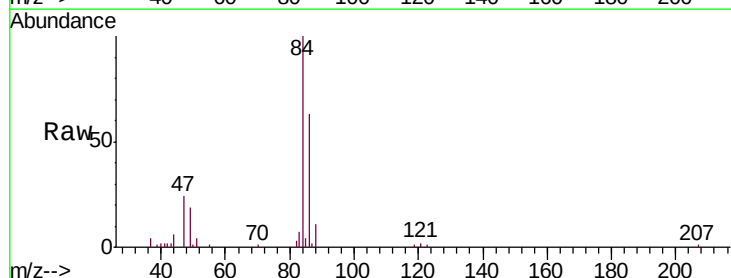
Acq: 19 Oct 2018 12:49

Tgt Ion: 83 Resp: 1860

Ion Ratio Lower Upper

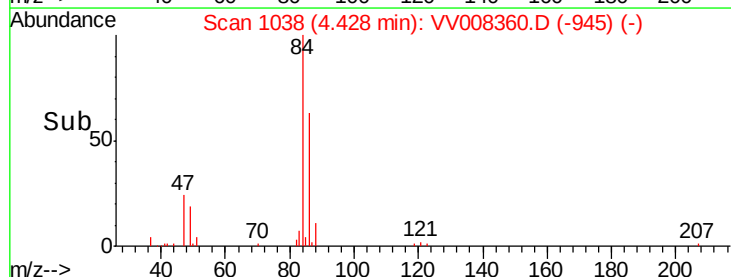
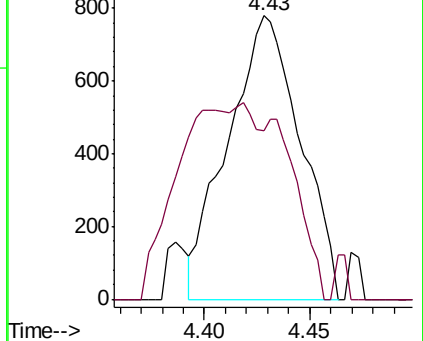
83 100

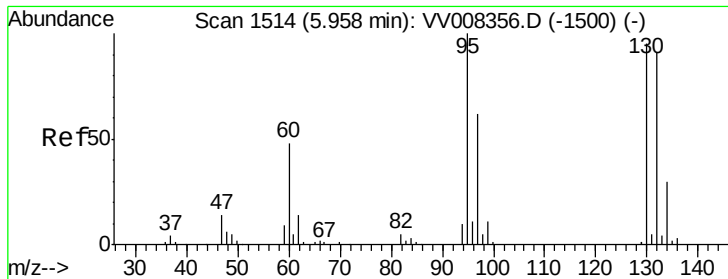
85 59.4 43.4 80.6



Abundance Ion 83.05 (82.75 to 83.75): VV008360.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV008360.D (-945) (-)





#34

Trichloroethene

Concen: 0.200 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV008360.D

Acq: 19 Oct 2018 12:49

Instrument :

MSVOA_V

ClientSampleId :

C0T23

Tgt Ion: 95 Resp: 2535

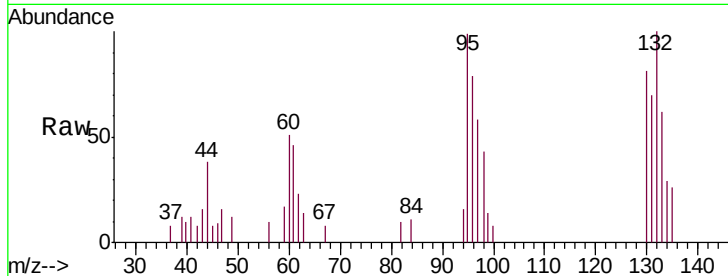
Ion Ratio Lower Upper

95 100

97 58.2 44.4 82.4

132 101.2 60.4 112.2

130 81.7 65.5 121.7

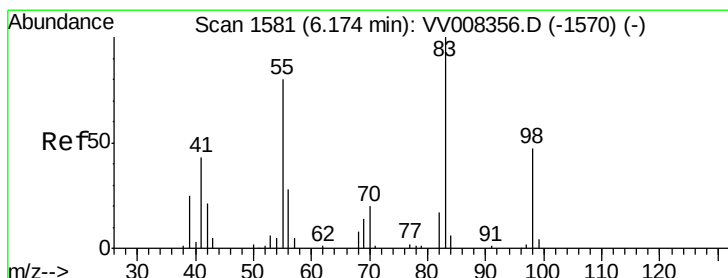
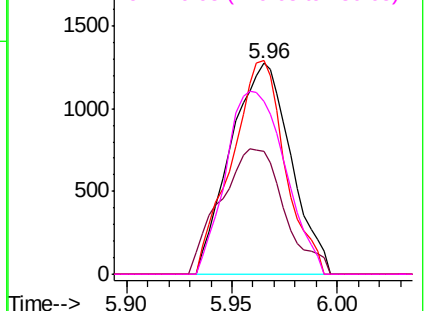
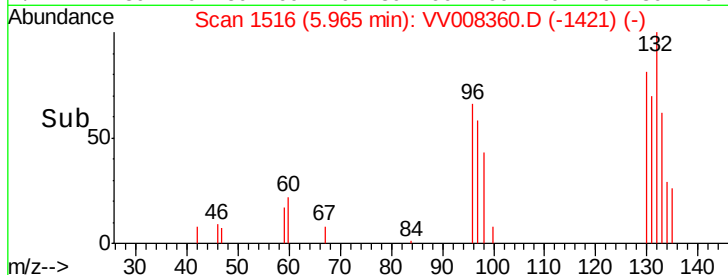


Abundance Ion 95.00 (94.70 to 95.70): VV008360.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV008360.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV008360.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV008360.D (-1421) (-)



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008360.D

Acq: 19 Oct 2018 12:49

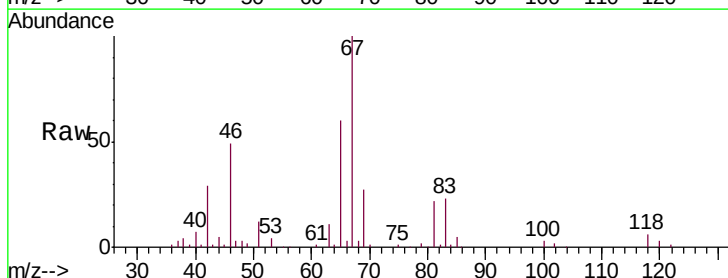
Tgt Ion: 83 Resp: 14477

Ion Ratio Lower Upper

83 100

55 1.1 64.0 96.0#

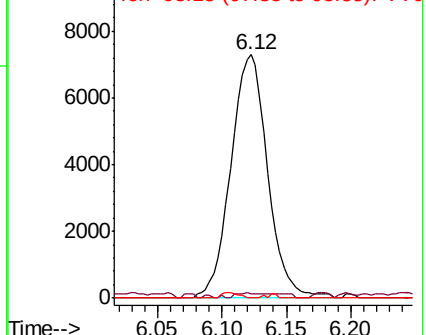
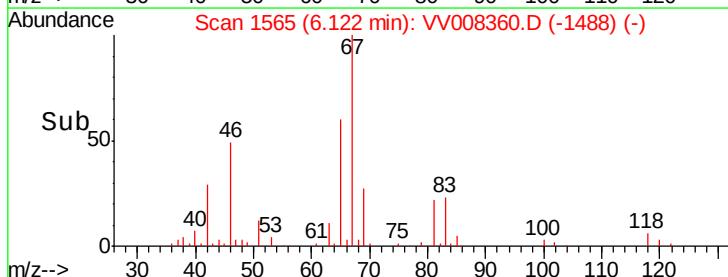
98 0.0 37.0 55.4#

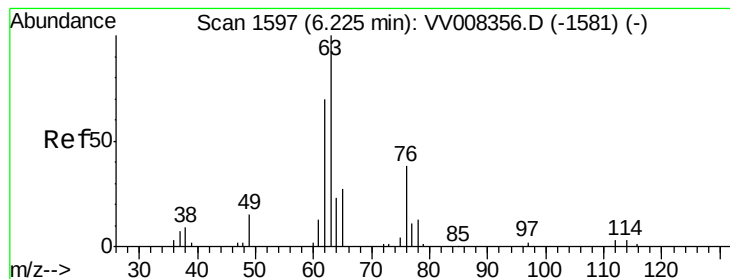


Abundance Ion 83.15 (82.85 to 83.85): VV008360.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV008360.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV008360.D (-1488) (-)





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008360.D

Acq: 19 Oct 2018 12:49

Instrument :

MSVOA_V

ClientSampleId :

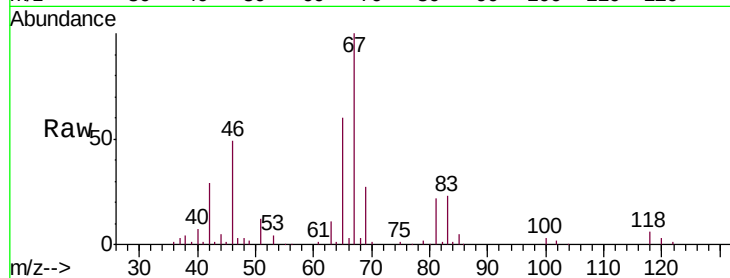
C0T23

Tgt Ion: 63 Resp: 6976

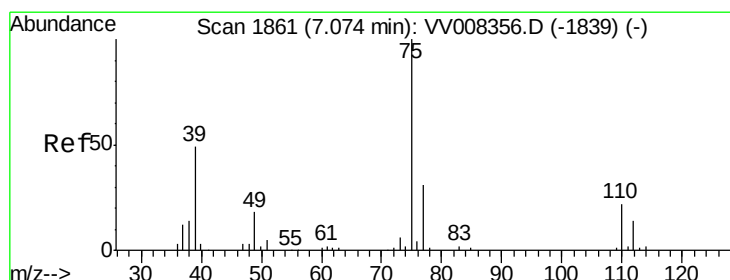
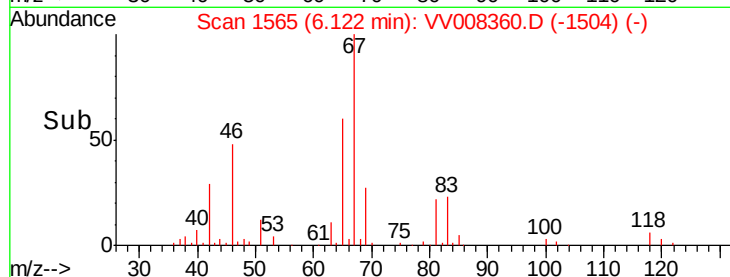
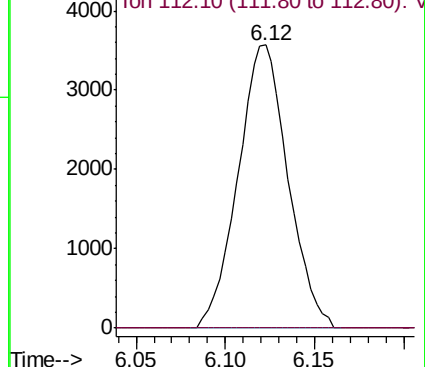
Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008360.D (-1565) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008360.D

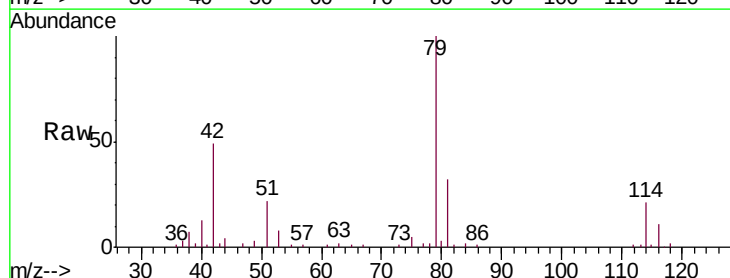
Acq: 19 Oct 2018 12:49

Tgt Ion: 75 Resp: 1770

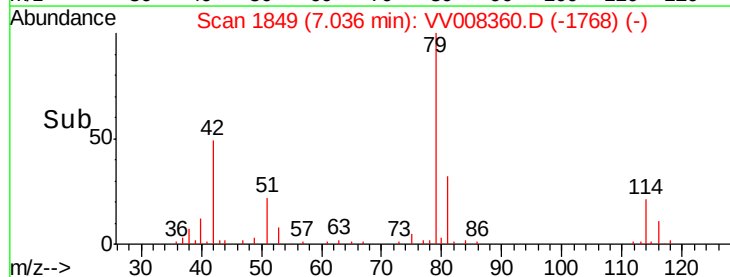
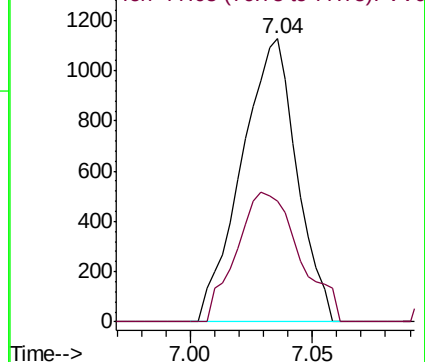
Ion Ratio Lower Upper

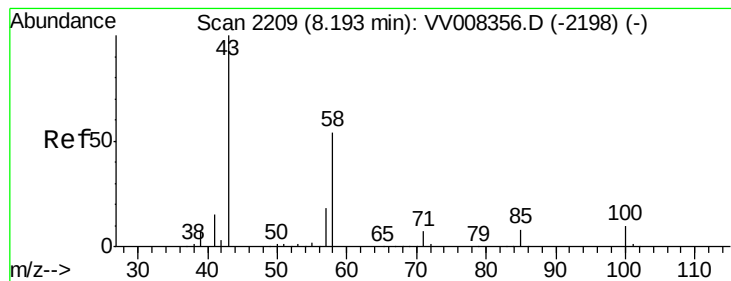
75 100

77 42.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008360.D (-1849) (-)





#48

2-Hexanone

Concen: 4.728 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008360.D

Acq: 19 Oct 2018 12:49

Instrument :
MSVOA_V
ClientSampleId :
C0T23

Tgt Ion: 43 Resp: 26145

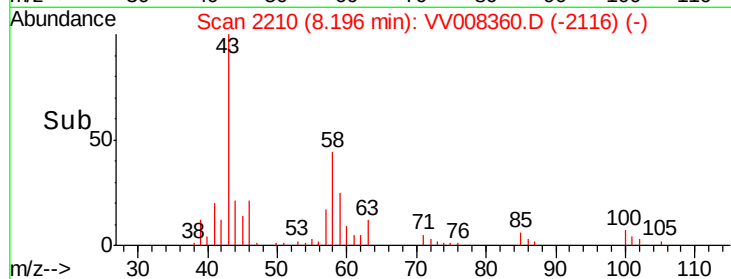
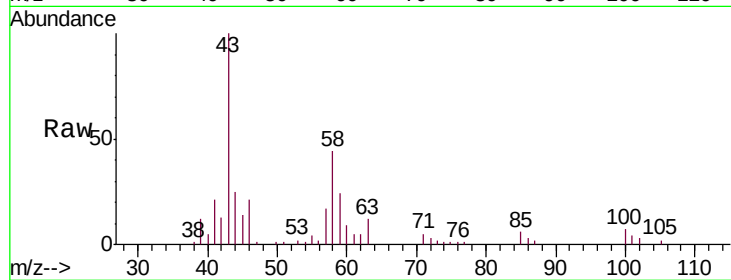
Ion Ratio Lower Upper

43 100

58 44.3 45.0 67.4#

57 13.1 14.4 21.6#

100 6.5 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

