

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008352.D
 Acq On : 18 Oct 2018 19:48
 Operator : SY/MD
 Sample : J5589-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:29:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116830	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25255	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.59	69	23184	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	41898	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.98	46	99127	44.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	4.41	84	60812	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.09	65	32221	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.10	84	128769	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.12	67	44098	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.36	98	115902	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	14338	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.14	63	60757	41.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24220	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	34058	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

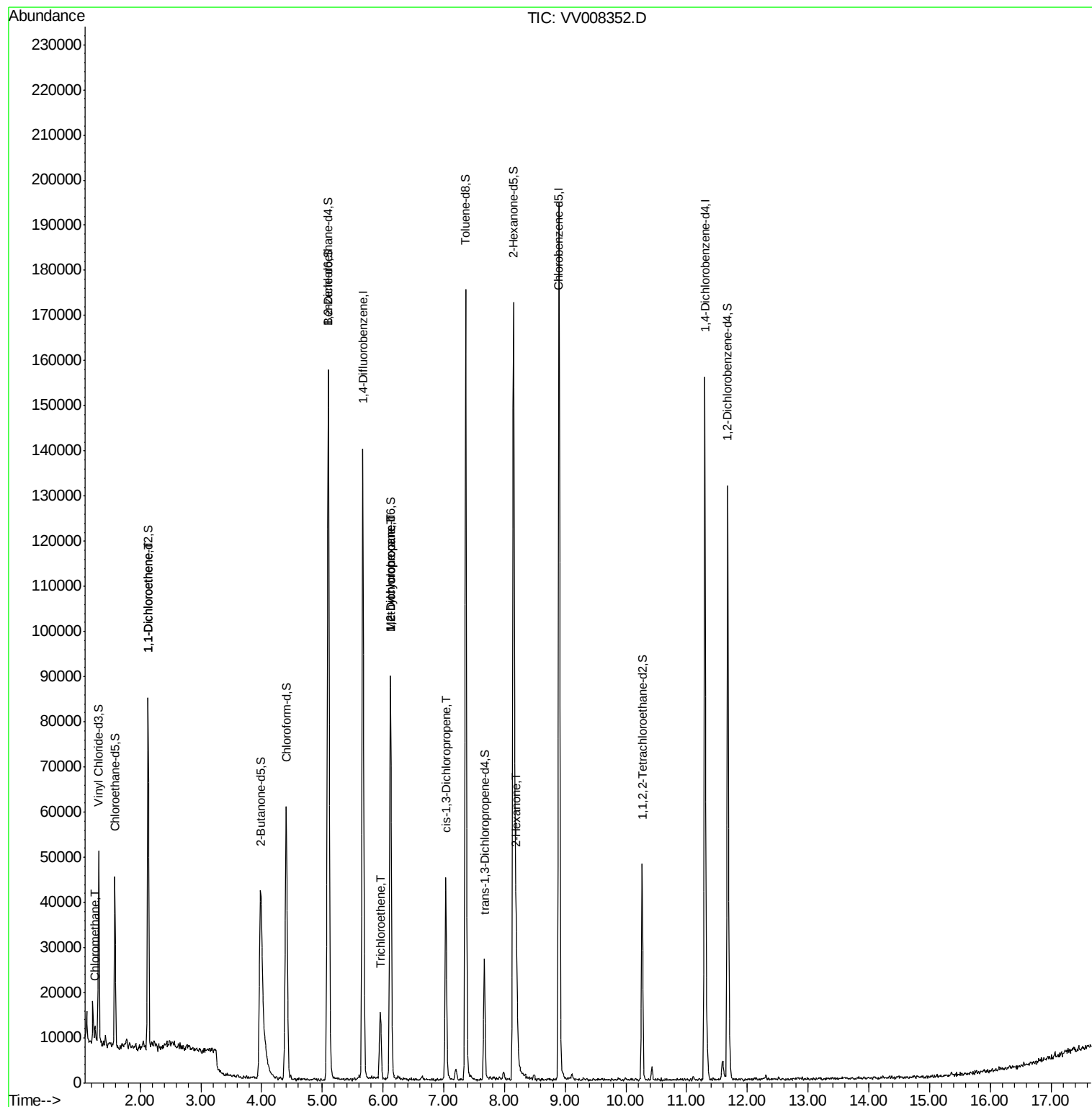
					Ovalue
3) Chloromethane	1.25	50	2292	0.250 ug/L	93
12) 1,1-Dichloroethene	2.13	96	566	0.101 ug/L #	1
34) Trichloroethene	5.96	95	3006	0.312 ug/L	93
35) Methylcyclohexane	6.12	83	9619	0.592 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	4596	0.490 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1136	0.085 ug/L #	60
48) 2-Hexanone	8.20	43	21023	5.003 ug/L #	89

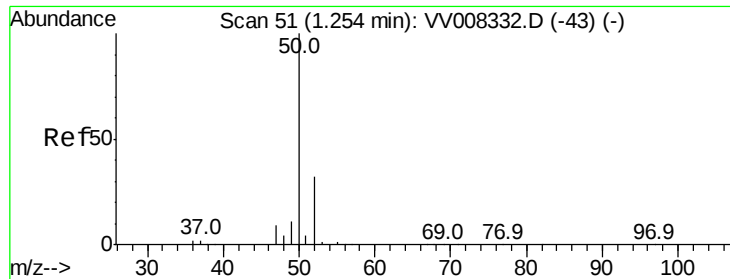
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.250 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008352.D

Acq: 18 Oct 2018 19:48

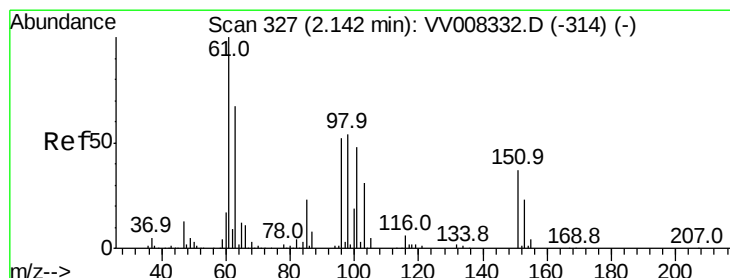
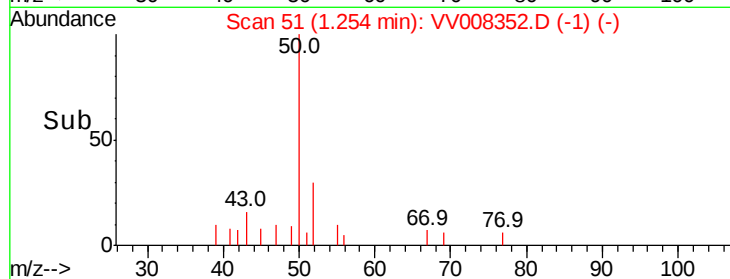
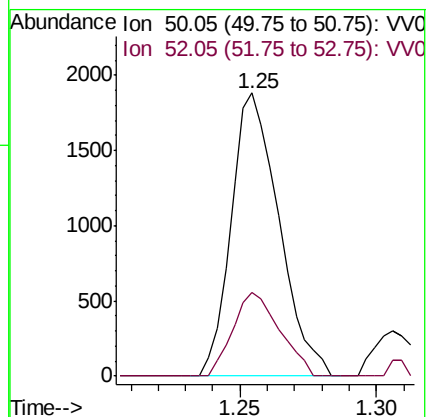
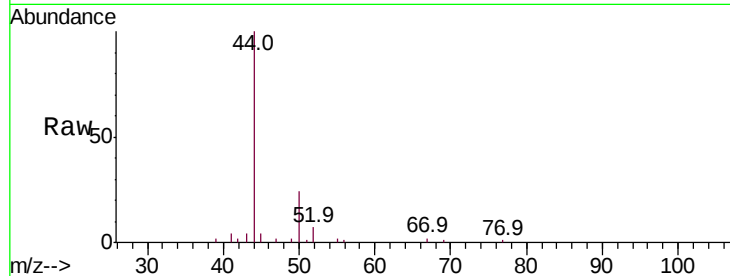
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 2292

Ion Ratio Lower Upper

50 100

52 29.7 23.7 43.9



#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008352.D

Acq: 18 Oct 2018 19:48

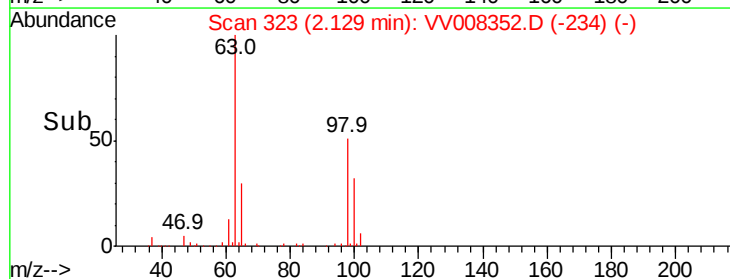
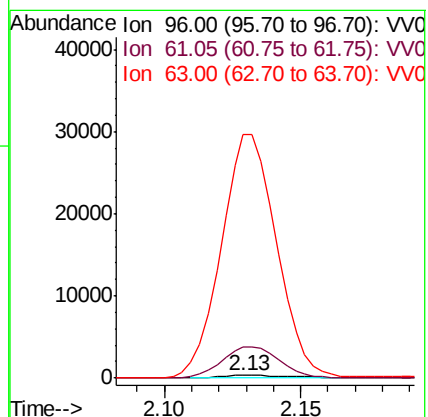
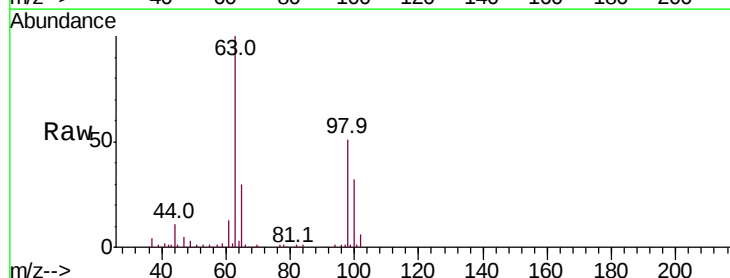
Tgt Ion: 96 Resp: 566

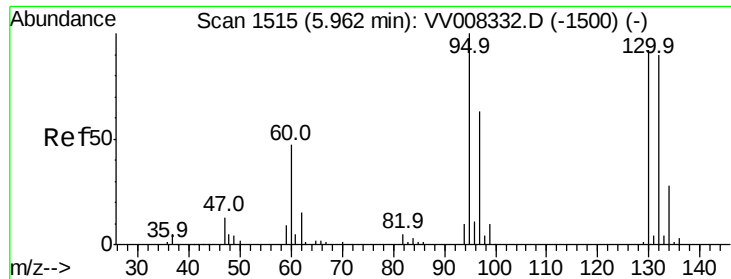
Ion Ratio Lower Upper

96 100

61 1106.2 129.9 241.3#

63 8708.2 103.0 191.4#

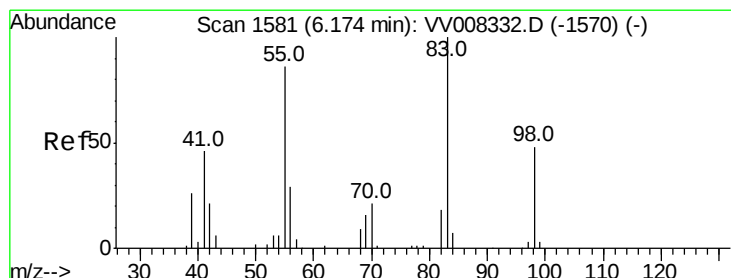
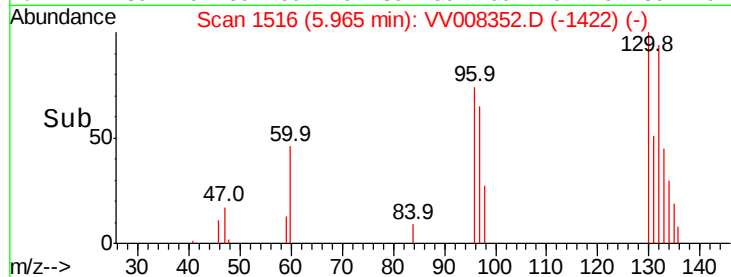
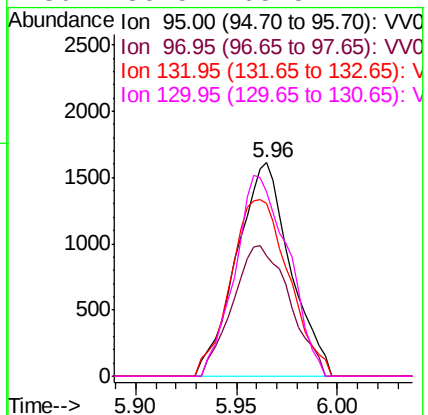
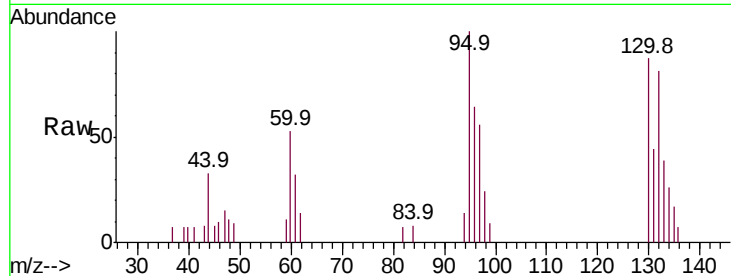




#34
 Trichloroethene
 Concen: 0.312 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008352.D
 Acq: 18 Oct 2018 19:48

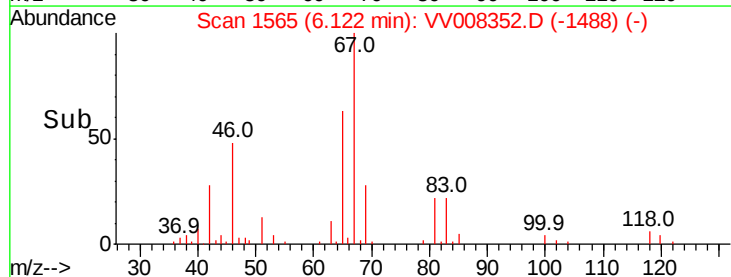
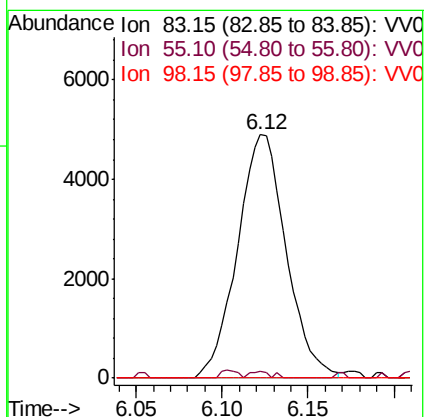
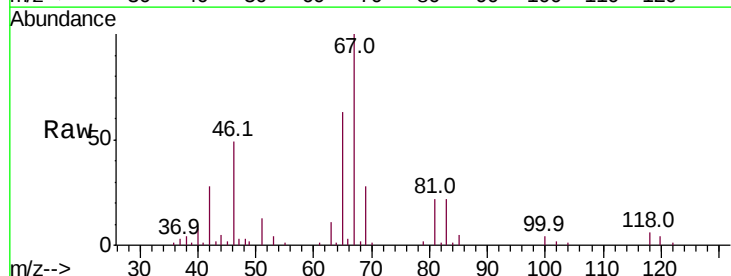
Instrument :
 MSVOA_V
 ClientSampleId :

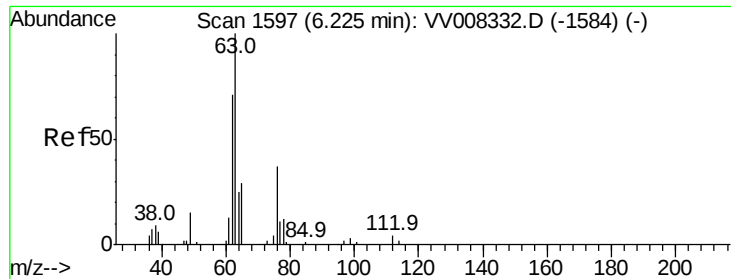
Tot Ion: 95 Resp: 3006
 Ion Ratio Lower Upper
 95 100
 97 56.4 44.4 82.4
 132 81.2 60.4 112.2
 130 86.5 65.5 121.7



#35
 Methylcyclohexane
 Concen: 0.592 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008352.D
 Acq: 18 Oct 2018 19:48

Tgt Ion: 83 Resp: 9619
 Ion Ratio Lower Upper
 83 100
 55 1.1 64.0 96.0#
 98 0.0 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.490 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008352.D

Acq: 18 Oct 2018 19:48

Instrument :

MSVOA_V

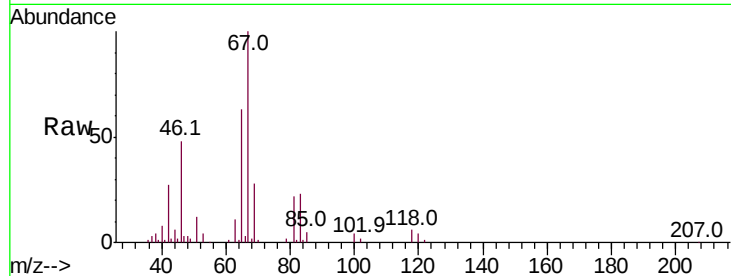
ClientSampled :

Tot Ion: 63 Resp: 4596

Ion Ratio Lower Upper

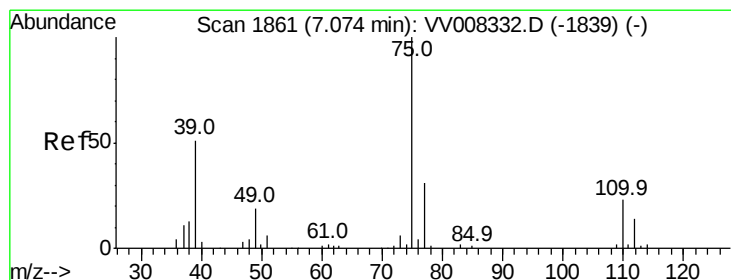
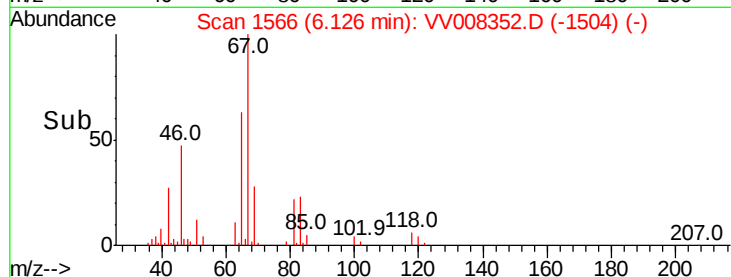
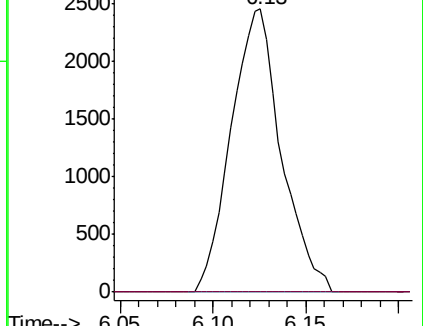
63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008352.D

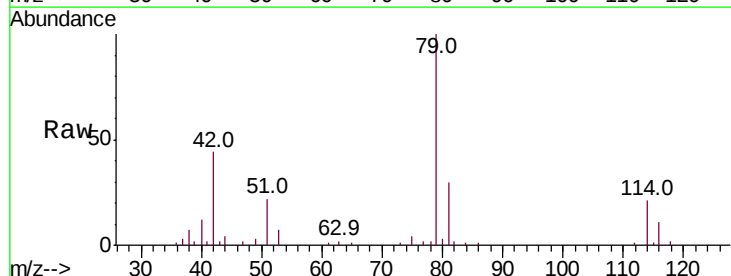
Acq: 18 Oct 2018 19:48

Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

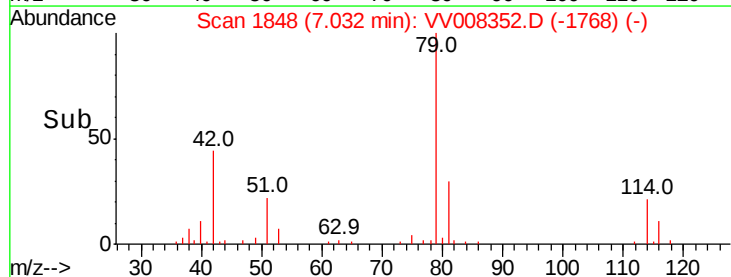
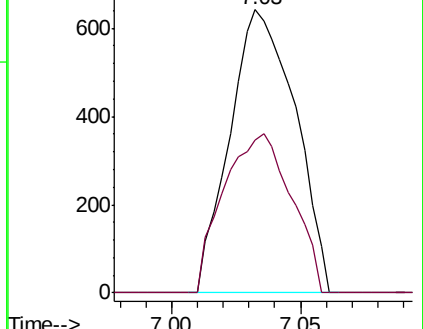
75 100

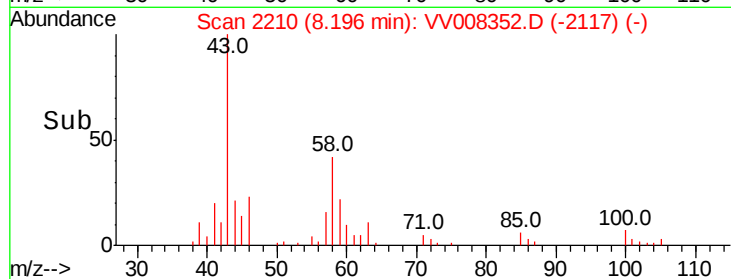
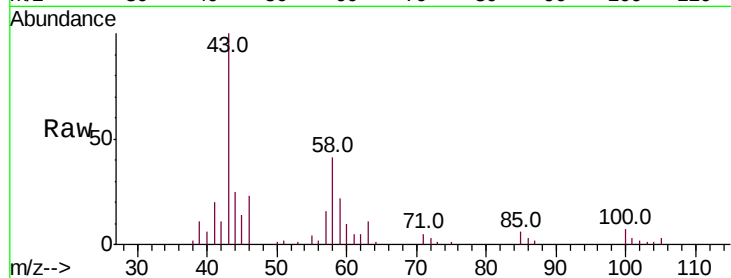
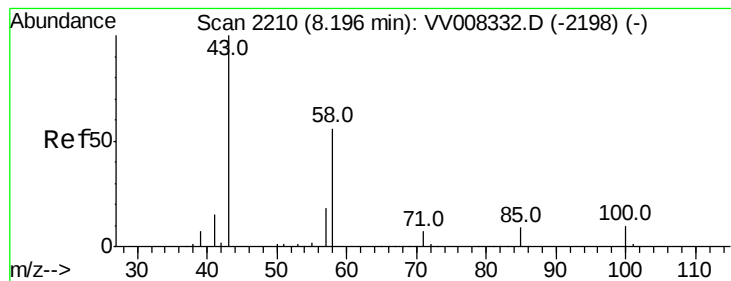
77 54.0 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 5.003 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008352.D

Acq: 18 Oct 2018 19:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 21023

Ion Ratio Lower Upper

43 100

58 46.2 45.0 67.4

57 15.7 14.4 21.6

100 7.2 7.9 11.9#

