

Data File : VV008358.D
Acq On : 19 Oct 2018 11:32
Operator : SY/MD
Sample : J5422-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 20 02:52:16 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	116044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	107957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37638	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.58	69	30242	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	57398	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.99	46	85272	38.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.54%
24) Chloroform-d	4.40	84	70963	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	36657	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	159294	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	52331	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	145623	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	19176	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	70868	46.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28770	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	43427	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

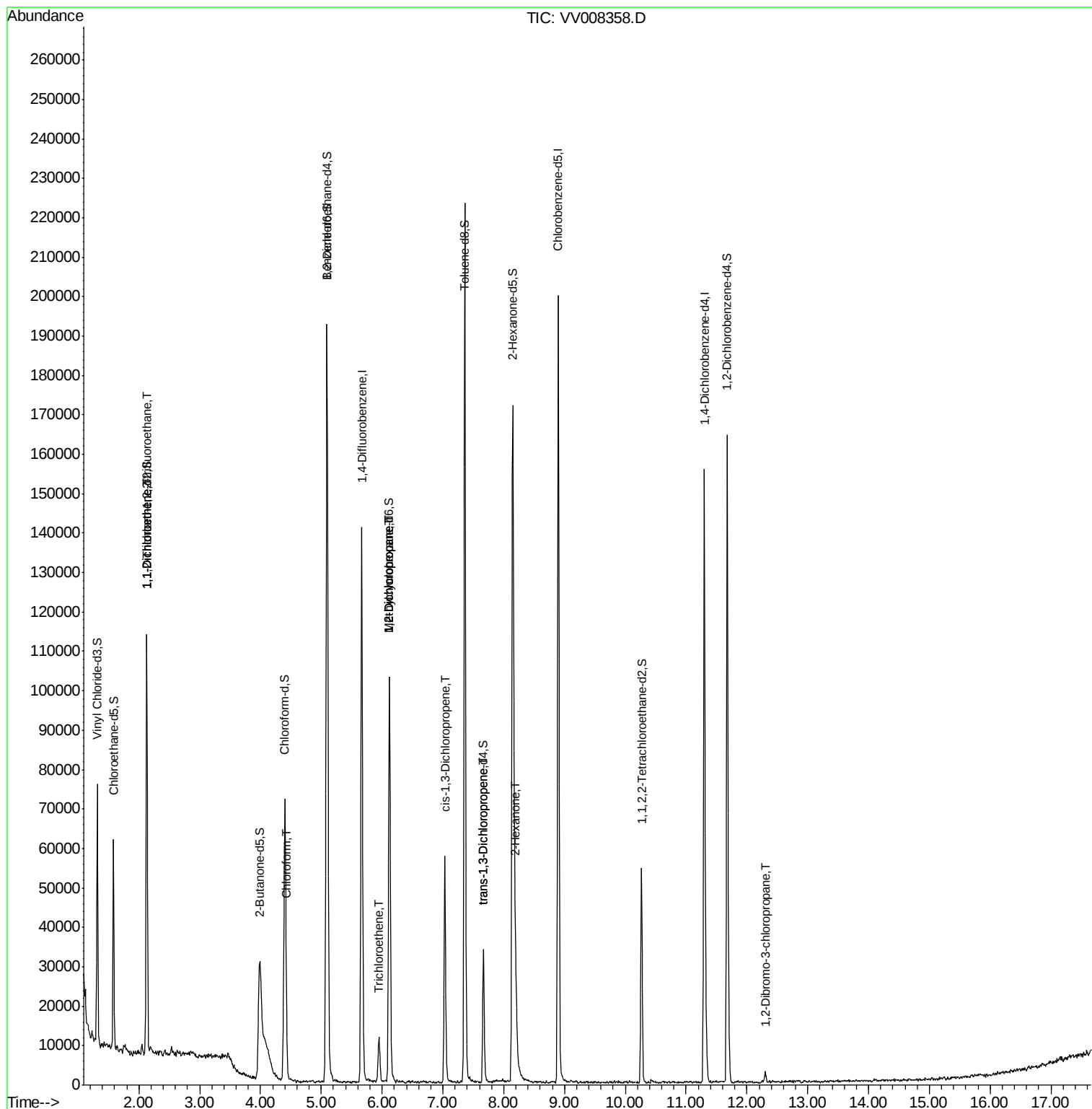
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	485	0.081	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	589	0.106	ug/L #	1
25) Chloroform	4.43	83	1497	0.099	ug/L	96
34) Trichloroethene	5.96	95	1611	0.160	ug/L	88
35) Methylcyclohexane	6.12	83	11496	0.676	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5354	0.545	ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1420	0.101	ug/L #	82
44) trans-1,3-Dichloropropene	7.67	75	940	0.084	ug/L	83
48) 2-Hexanone	8.20	43	16429	3.739	ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.31	75	93	0.089	ug/L #	3

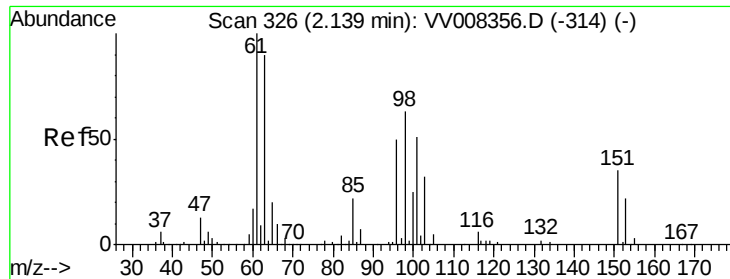
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.081 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV008358.D

Acq: 19 Oct 2018 11:32

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

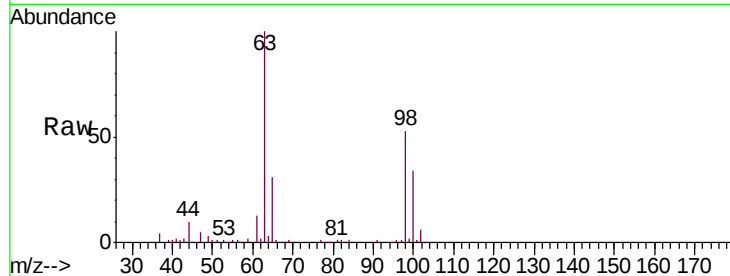
Tgt Ion: 101 Resp: 485

Ion Ratio Lower Upper

101 100

85 4.9 37.4 56.2#

151 0.0 59.0 88.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.14

300

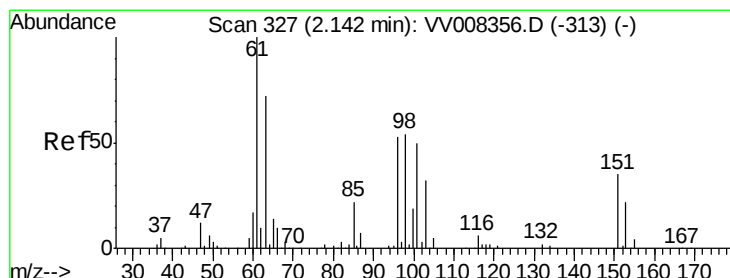
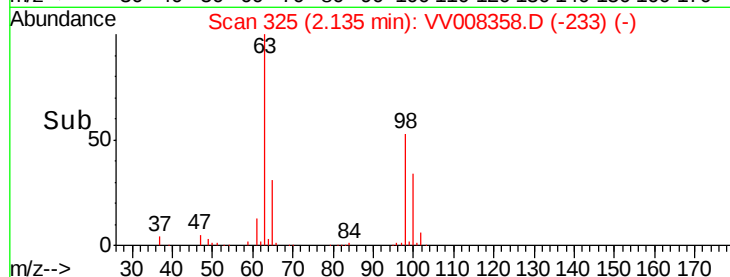
200

100

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.106 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008358.D

Acq: 19 Oct 2018 11:32

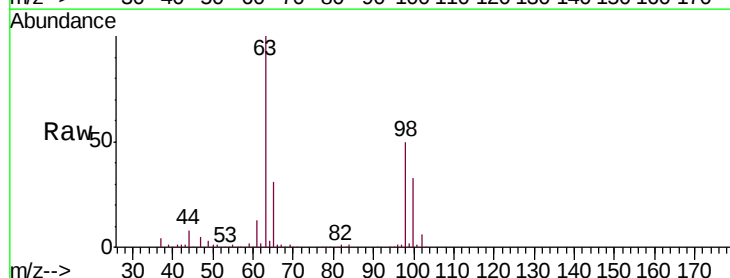
Tgt Ion: 96 Resp: 589

Ion Ratio Lower Upper

96 100

61 1533.9 129.9 241.3#

63 11942.0 103.0 191.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

50000

40000

30000

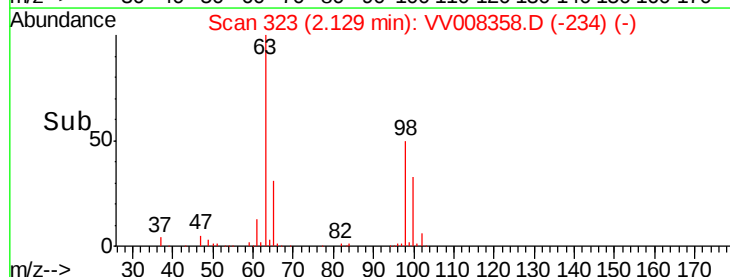
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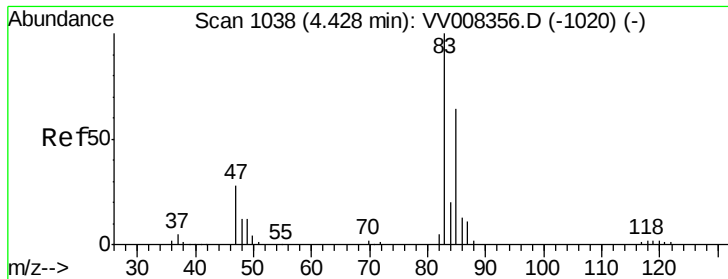
10000

0

2.08 2.10 2.12 2.14 2.16

Time-->

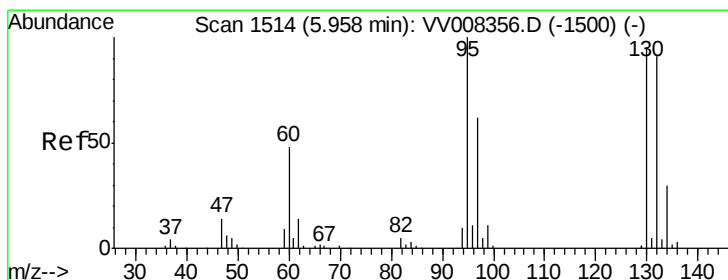
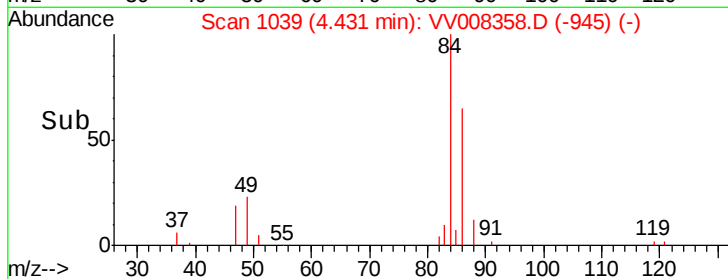
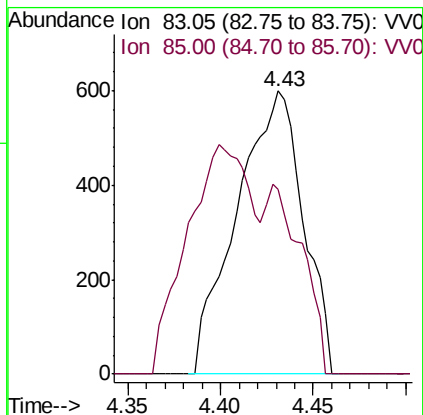
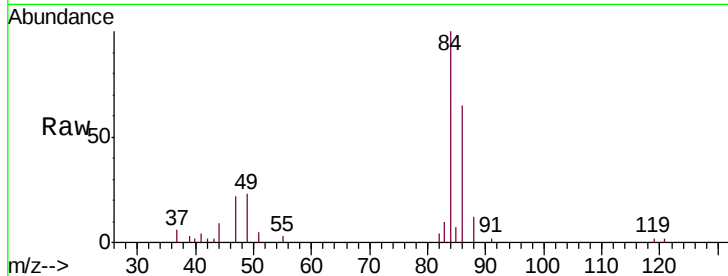




#25
Chloroform
Concen: 0.099 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008358.D
Acq: 19 Oct 2018 11:32

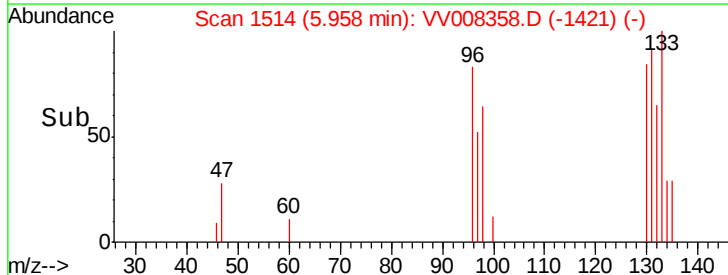
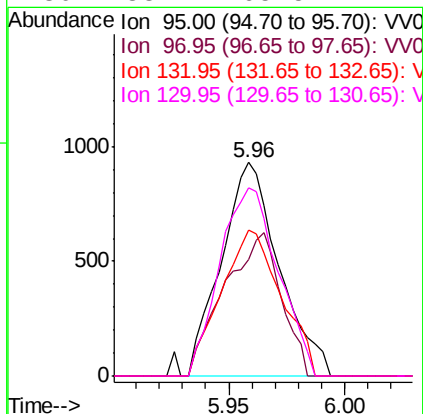
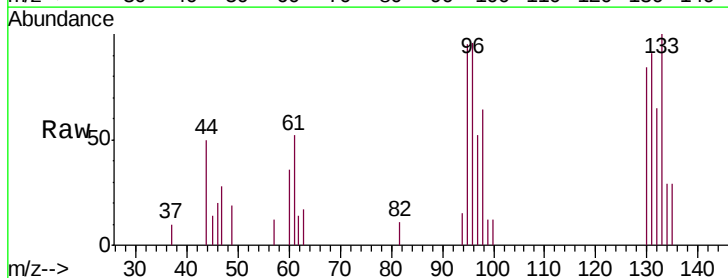
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

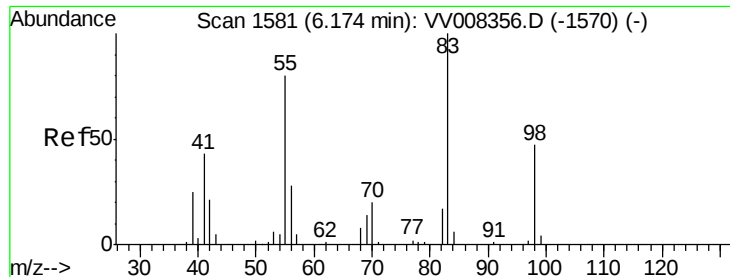
Tgt Ion: 83 Resp: 1497
Ion Ratio Lower Upper
83 100
85 65.3 43.4 80.6



#34
Trichloroethene
Concen: 0.160 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV008358.D
Acq: 19 Oct 2018 11:32

Tgt Ion: 95 Resp: 1611
Ion Ratio Lower Upper
95 100
97 54.7 44.4 82.4
132 68.1 60.4 112.2
130 88.1 65.5 121.7

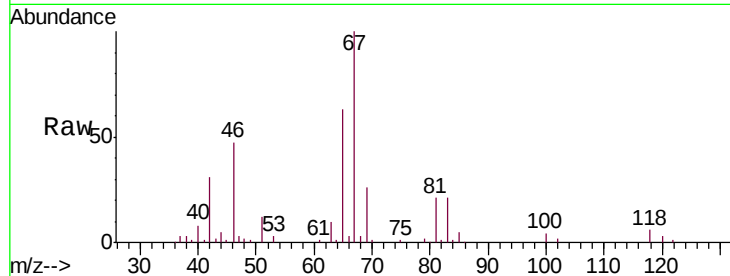




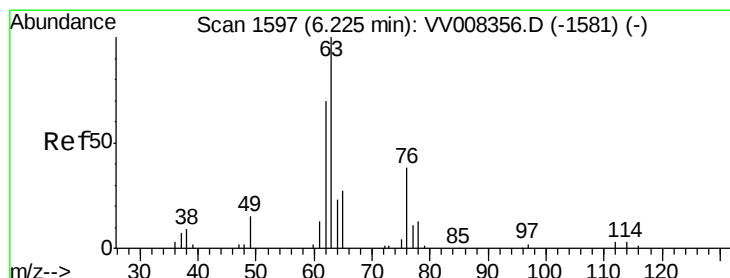
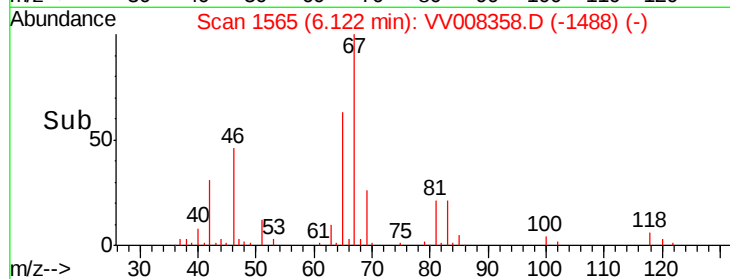
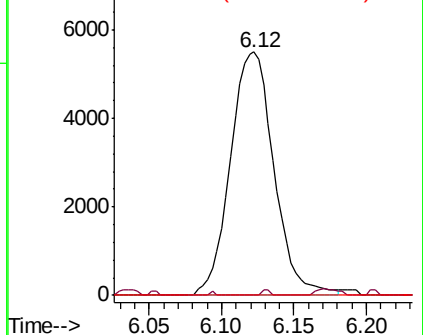
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008358.D
Acq: 19 Oct 2018 11:32

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 11496
Ion Ratio Lower Upper
83 100
55 0.4 64.0 96.0#
98 0.0 37.0 55.4#

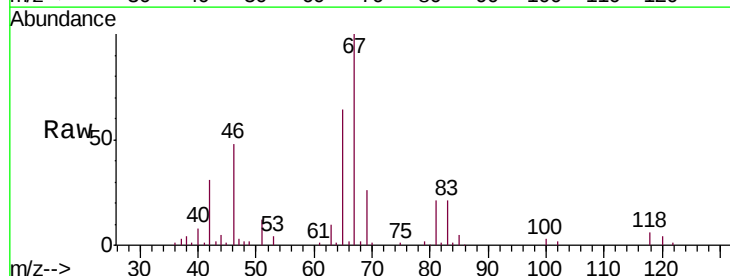


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

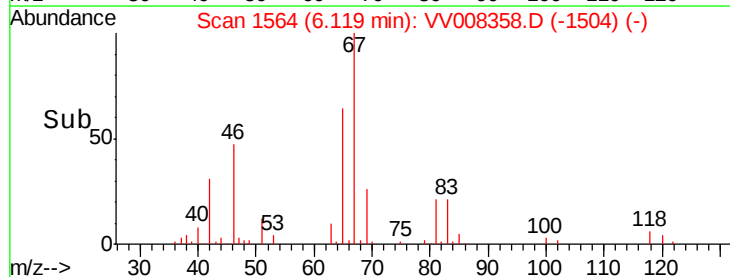
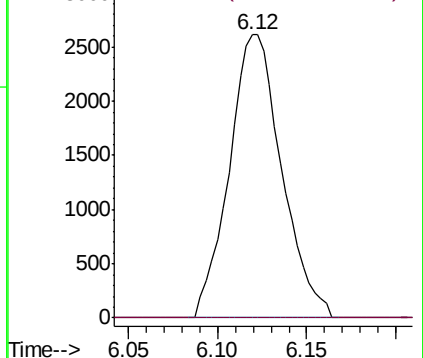


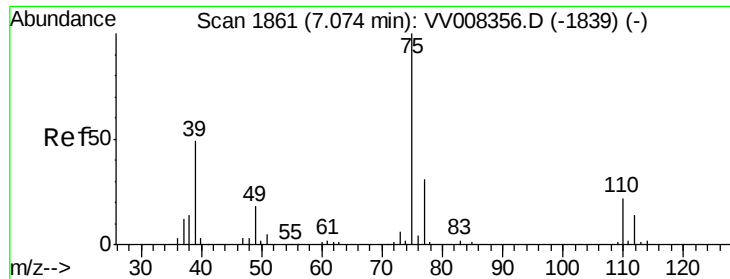
#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008358.D
Acq: 19 Oct 2018 11:32

Tgt Ion: 63 Resp: 5354
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): V

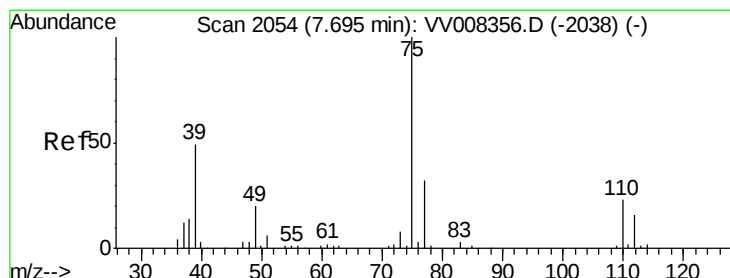
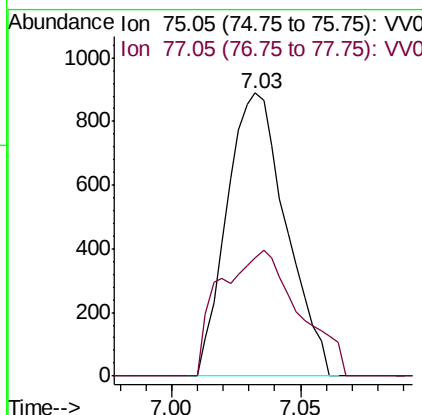
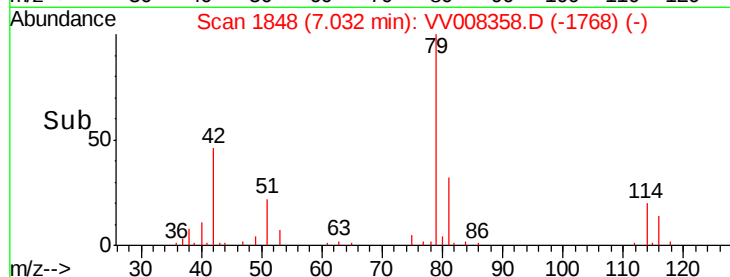
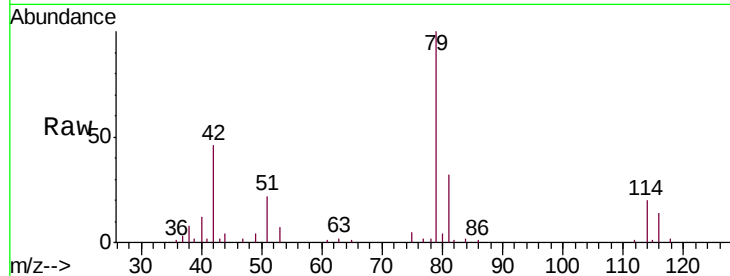




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008358.D
 Acq: 19 Oct 2018 11:32

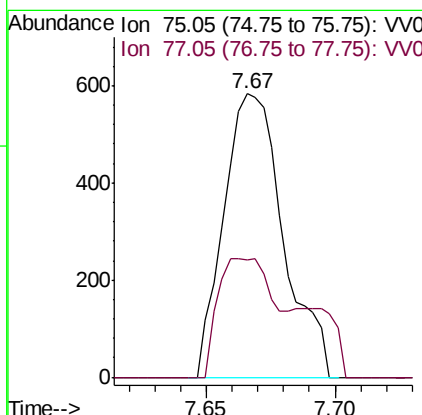
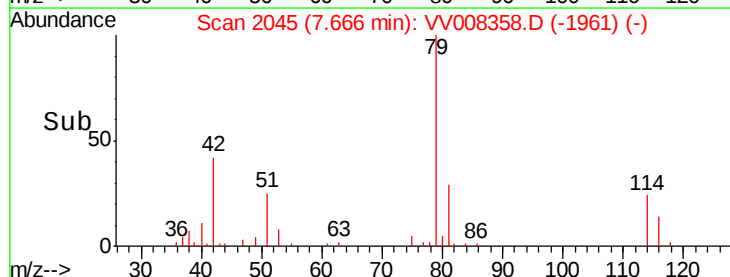
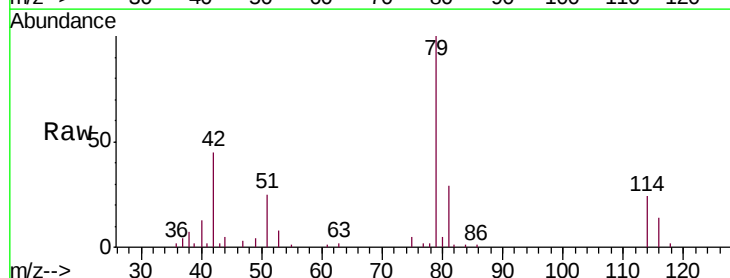
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

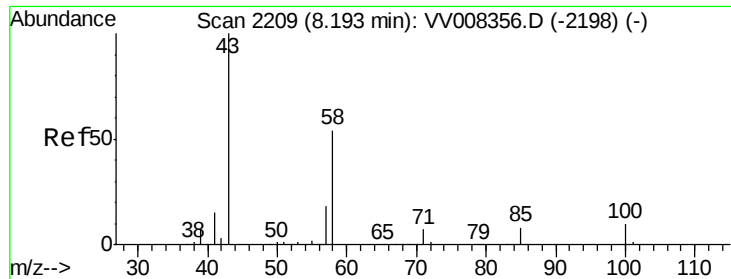
Tgt Ion: 75 Resp: 1420
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008358.D
 Acq: 19 Oct 2018 11:32

Tgt Ion: 75 Resp: 940
 Ion Ratio Lower Upper
 75 100
 77 41.3 22.3 41.5

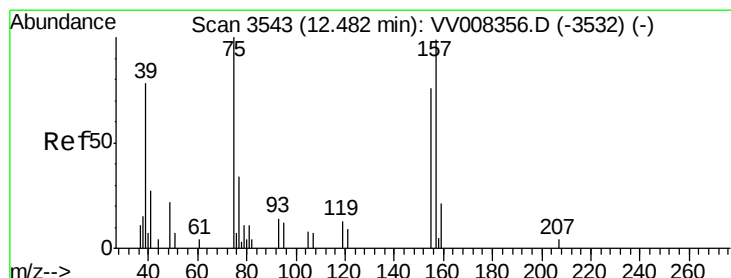
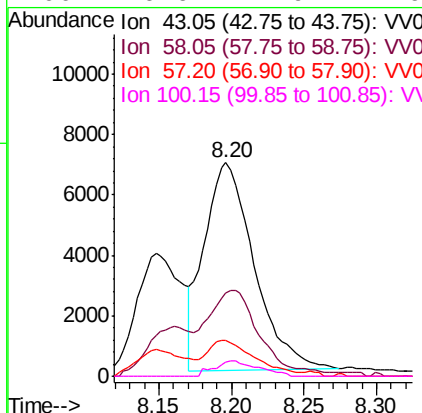
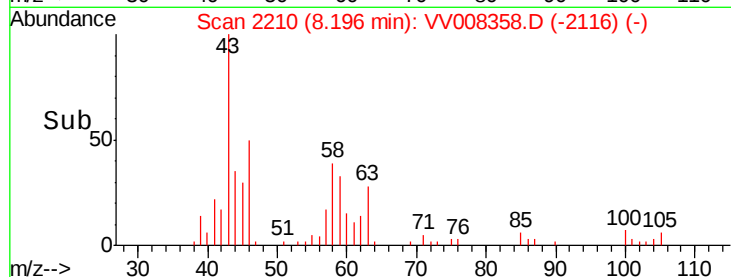
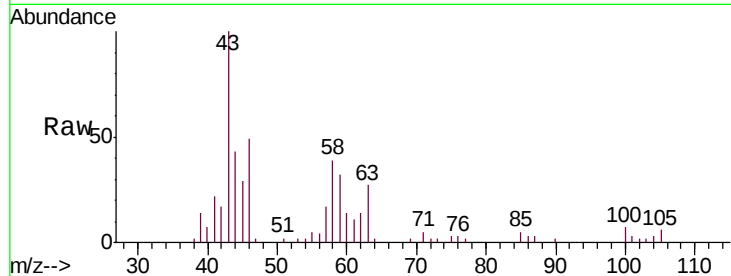




#48
 2-Hexanone
 Concen: 3.739 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV008358.D
 Acq: 19 Oct 2018 11:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 16429
 Ion Ratio Lower Upper
 43 100
 58 43.5 45.0 67.4#
 57 17.2 14.4 21.6
 100 6.6 7.9 11.9#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.089 ug/L
 RT: 12.31 min Scan# 3488
 Delta R.T. -0.18 min
 Lab File: VV008358.D
 Acq: 19 Oct 2018 11:32

Tgt Ion: 75 Resp: 93
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.6 95.4#
 157 0.0 84.3 126.5#

