

Data File : VV011256.D
Acq On : 06 Jun 2019 20:13
Operator : SY/MD
Sample : K3226-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN4

Quant Time: Jun 07 01:33:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 01:28:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165418	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57867	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.56	69	46809	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	89692	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	152424	54.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.02%
24) Chloroform-d	4.40	84	100990	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	59147	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.09	84	210785	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	65119	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.36	98	191467	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.66	79	21153	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	121342	53.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46860	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61781	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

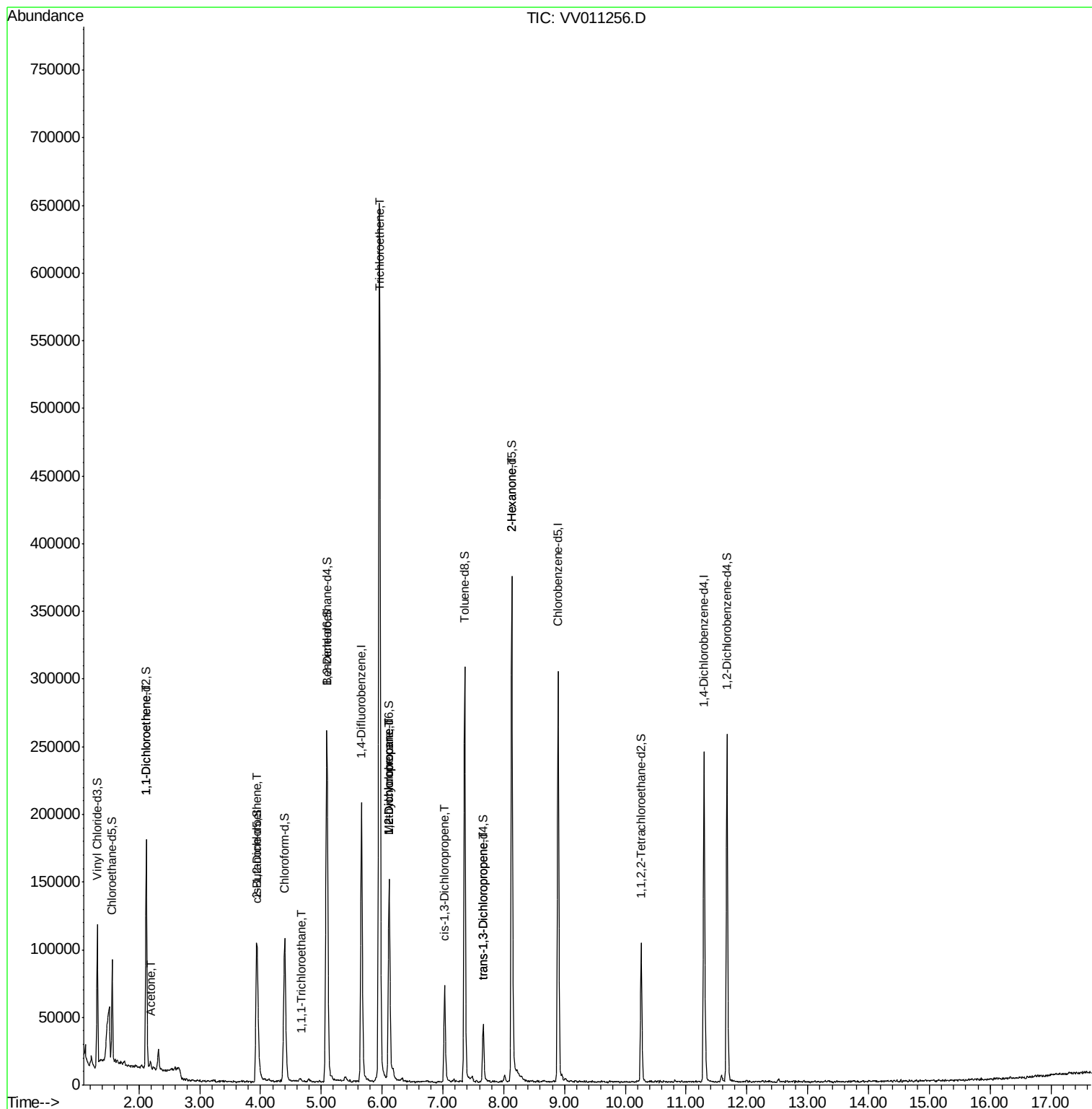
					Qvalue	
12) 1,1-Dichloroethene	2.12	96	1447	0.139	ug/L #	1
13) Acetone	2.19	43	4479	2.367	ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	6050	0.468	ug/L	83
29) 1,1,1-Trichloroethane	4.66	97	1386	0.072	ug/L #	64
34) Trichloroethene	5.96	95	221316	17.766	ug/L	98
35) Methylcyclohexane	6.12	83	15826	0.768	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8361	0.697	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2164	0.123	ug/L #	48
44) trans-1,3-Dichloropropene	7.66	75	1238	0.093	ug/L #	77
48) 2-Hexanone	8.13	43	16271	3.053	ug/L #	69

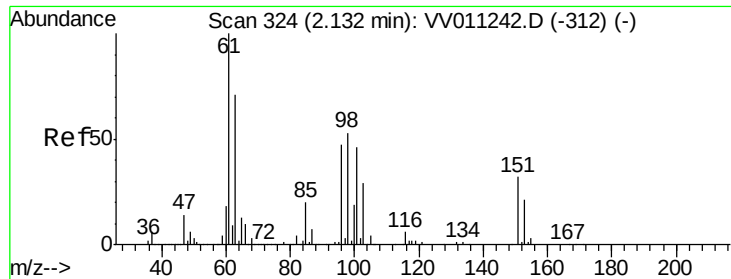
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

Instrument :

MSVOA_V

ClientSampleId :

BFCN4

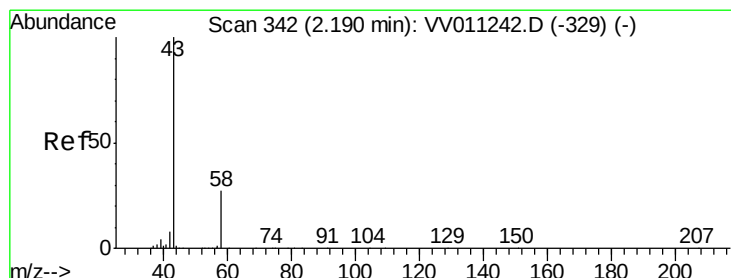
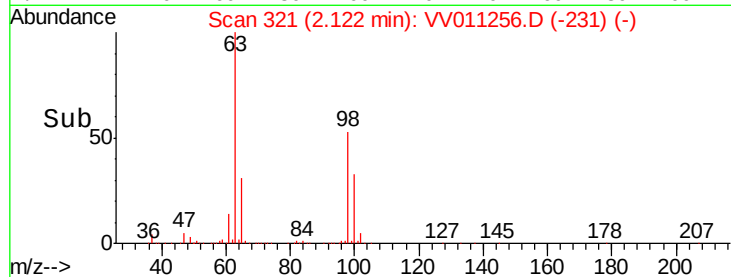
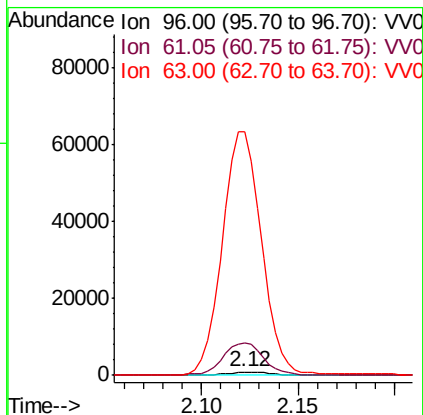
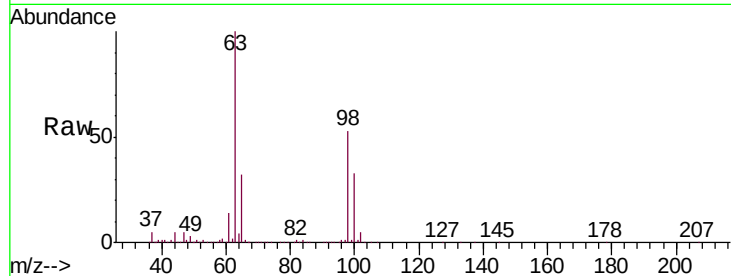
Tgt Ion: 96 Resp: 1447

Ion Ratio Lower Upper

96 100

61 1108.9 139.8 259.6#

63 8201.3 94.3 175.1#



#13

Acetone

Concen: 2.367 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011256.D

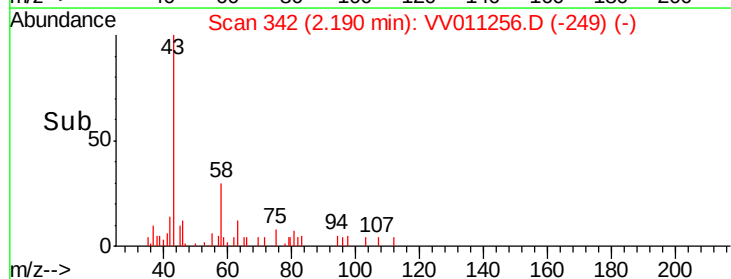
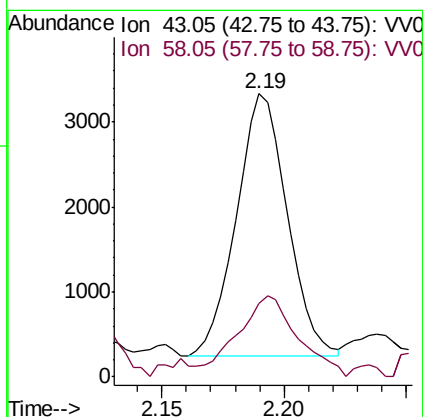
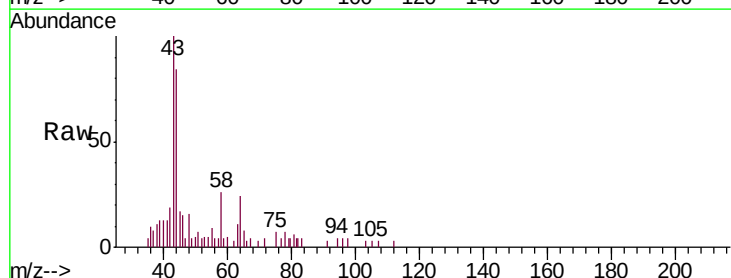
Acq: 06 Jun 2019 20:13

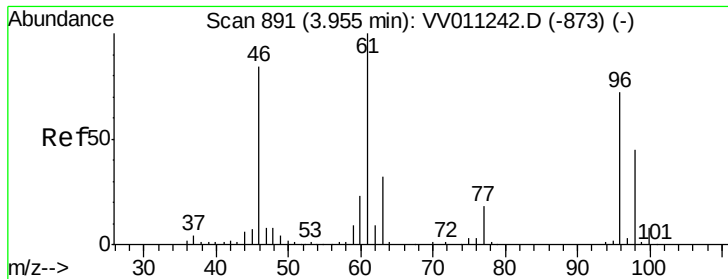
Tgt Ion: 43 Resp: 4479

Ion Ratio Lower Upper

43 100

58 36.4 0.0 55.2



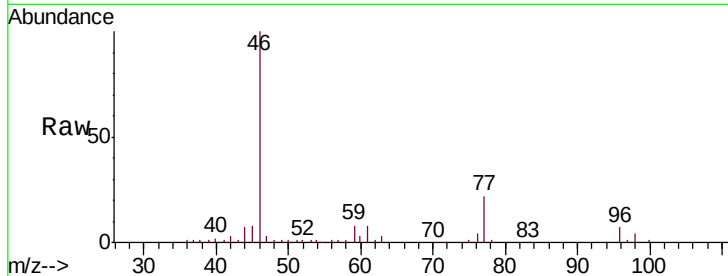


#22

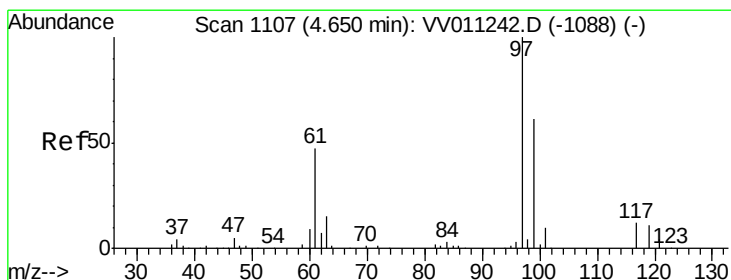
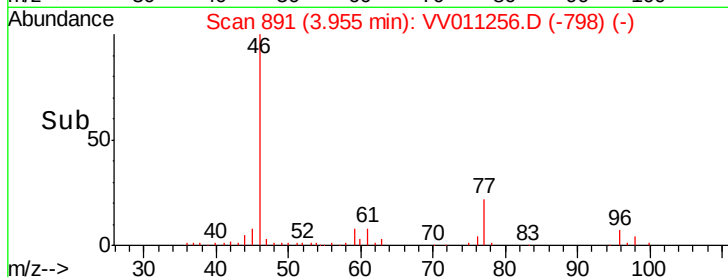
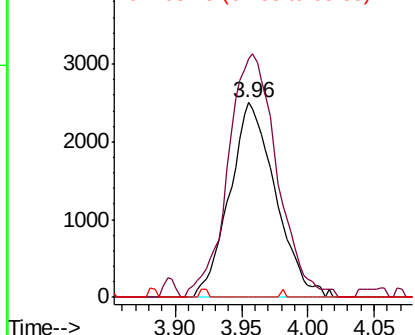
cis-1,2-Dichloroethene
Concen: 0.468 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011256.D
Acq: 06 Jun 2019 20:13

Instrument :
MSVOA_V
ClientSampleId :
BFCN4

Tgt Ion: 96 Resp: 6050
Ion Ratio Lower Upper
96 100
61 122.6 100.8 187.2
68 0.0 0.0 0.0



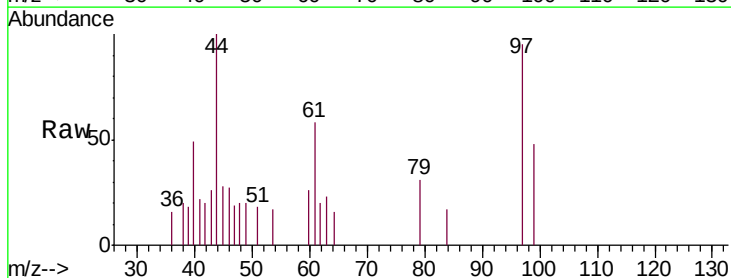
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



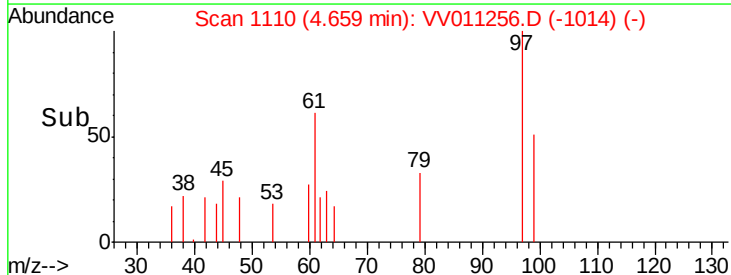
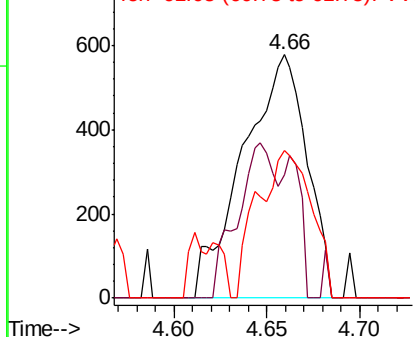
#29

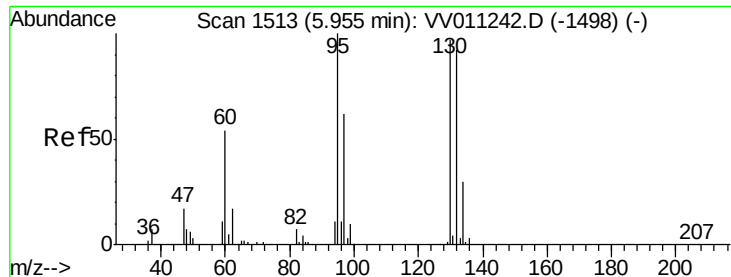
1,1,1-Trichloroethane
Concen: 0.072 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VV011256.D
Acq: 06 Jun 2019 20:13

Tgt Ion: 97 Resp: 1386
Ion Ratio Lower Upper
97 100
99 16.5 50.8 76.2#
61 51.4 38.9 58.3



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 17.766 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

Instrument :

MSVOA_V

ClientSampleId :

BFCN4

Tgt Ion: 95 Resp: 221316

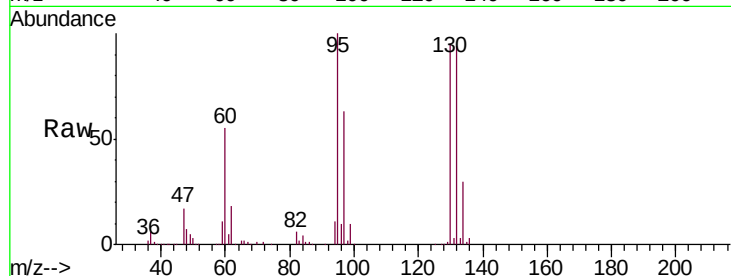
Ion Ratio Lower Upper

95 100

97 63.4 45.8 85.2

132 94.5 66.4 123.2

130 95.3 68.3 126.8

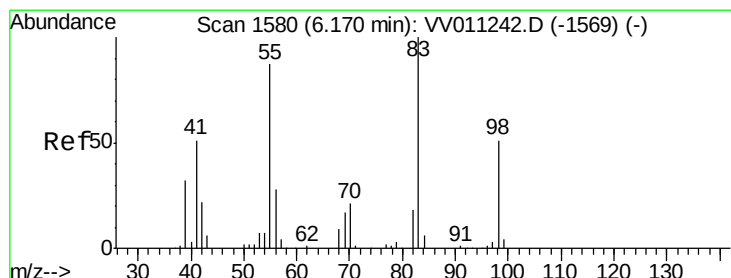
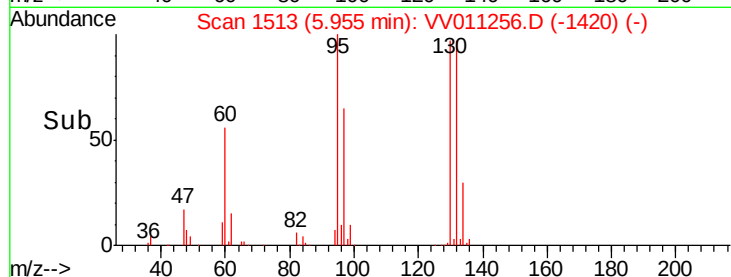
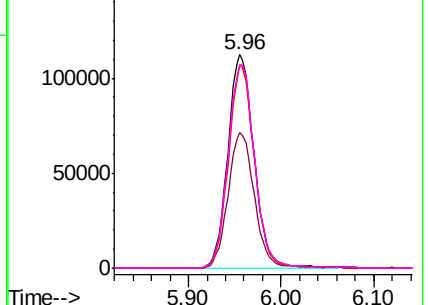


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011256.D

Acq: 06 Jun 2019 20:13

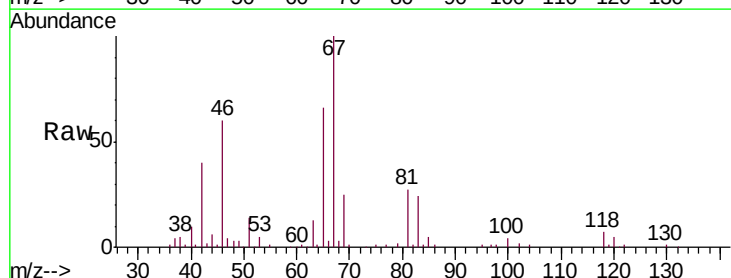
Tgt Ion: 83 Resp: 15826

Ion Ratio Lower Upper

83 100

55 2.4 67.0 100.6#

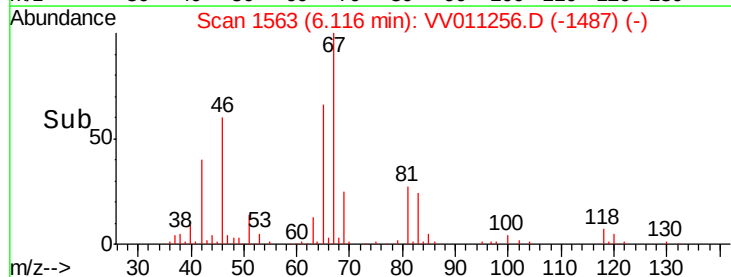
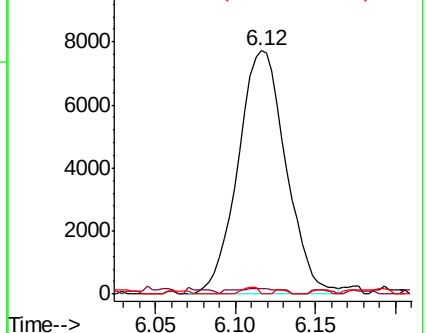
98 0.0 40.0 60.0#

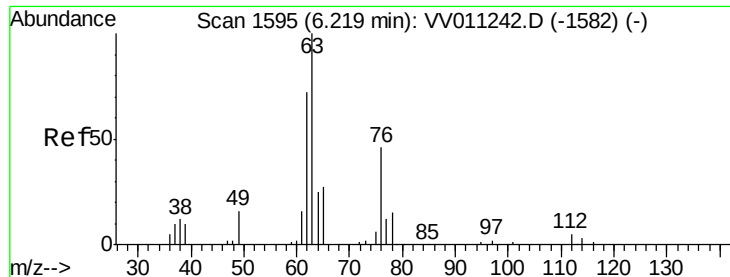


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

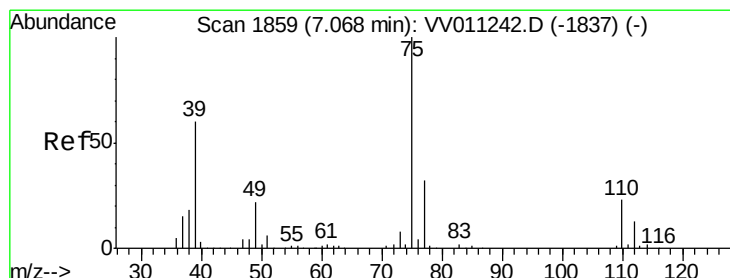
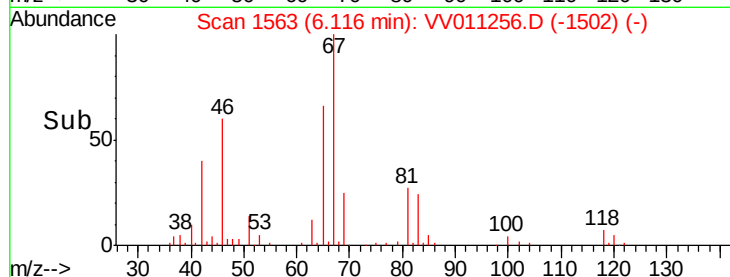
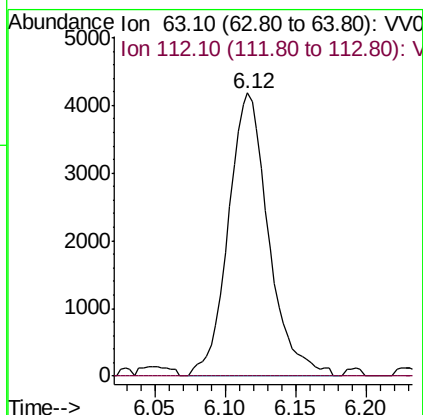
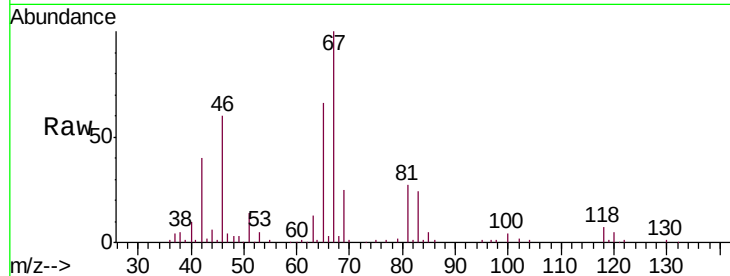




#37
 1,2-Dichloropropane
 Concen: 0.697 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011256.D
 Acq: 06 Jun 2019 20:13

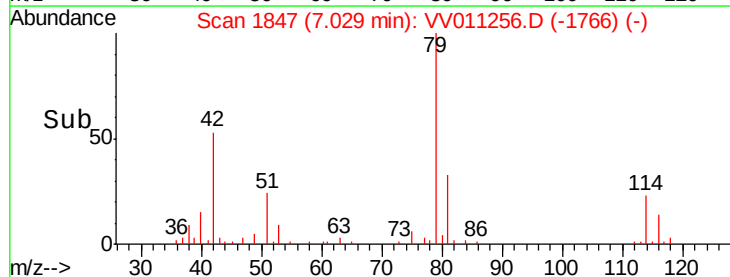
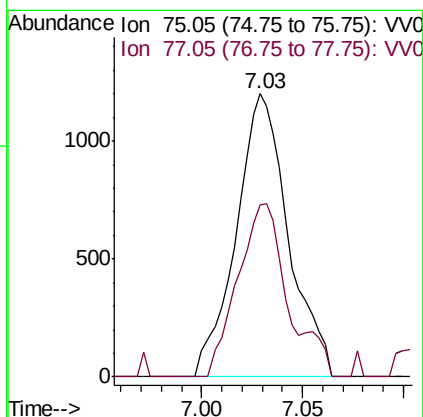
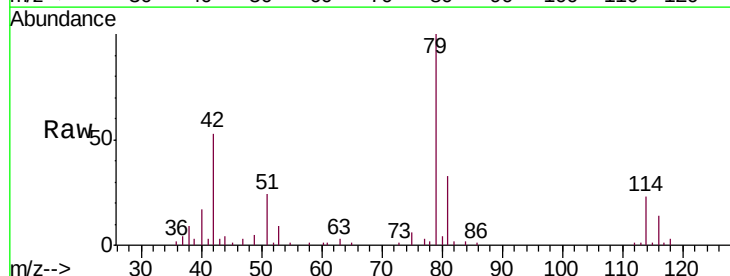
Instrument :
 MSVOA_V
 ClientSampleId :
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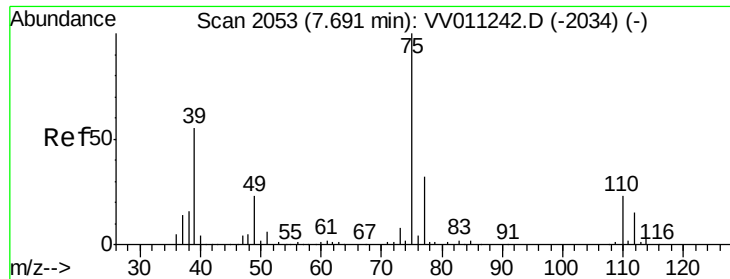
Tgt Ion: 63 Resp: 8361
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011256.D
 Acq: 06 Jun 2019 20:13

Tgt Ion: 75 Resp: 2164
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.2 41.2#

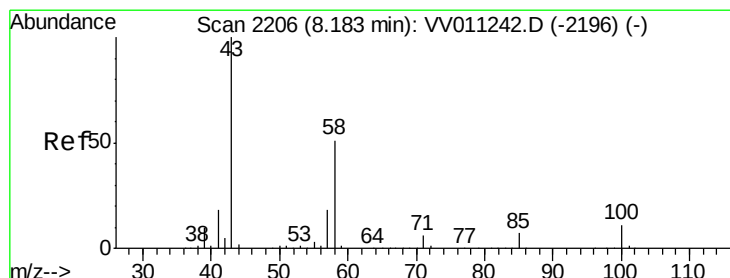
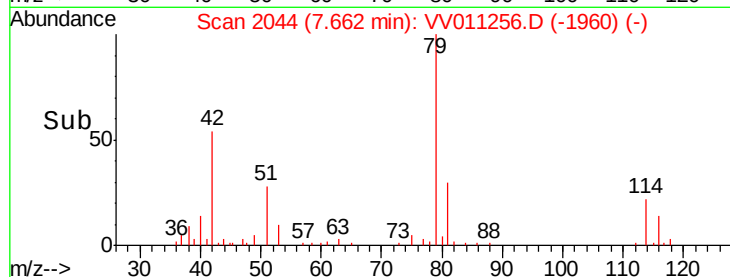
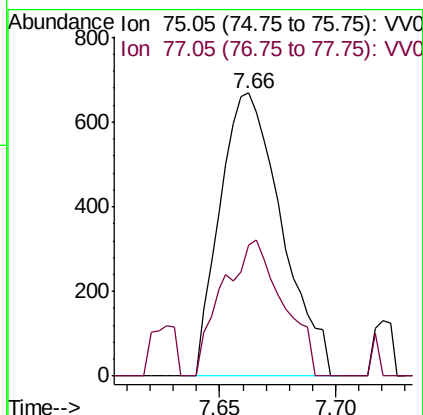
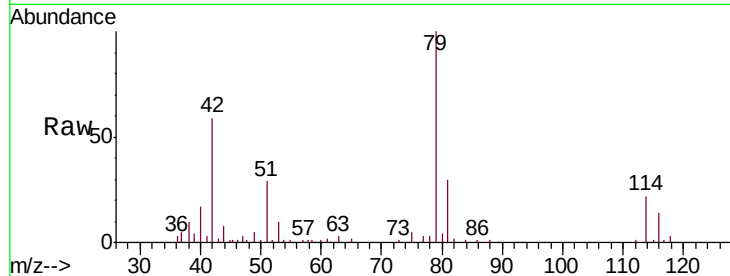




#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011256.D
Acq: 06 Jun 2019 20:13

Instrument :
MSVOA_V
ClientSampleId :
BFCN4

Tgt Ion: 75 Resp: 1238
Ion Ratio Lower Upper
75 100
77 46.1 23.1 42.9#



#48
2-Hexanone
Concen: 3.053 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV011256.D
Acq: 06 Jun 2019 20:13

Tgt Ion: 43 Resp: 16271
Ion Ratio Lower Upper
43 100
58 24.4 41.4 62.0#
57 22.8 15.0 22.4#
100 0.5 9.0 13.4#

