

Data File : VV012335.D
Acq On : 22 Aug 2019 00:25
Operator : SY/MD
Sample : K4454-14
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2C10

Quant Time: Aug 22 03:53:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 03:48:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	217635	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	207613	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48276	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.70%
7) Chloroethane-d5	1.58	69	35908	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.22%
11) 1,1-Dichloroethene-d2	2.13	63	74583	36.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.54%
21) 2-Butanone-d5	3.93	46	57707	71.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.85%
24) Chloroform-d	4.40	84	135059	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.08	65	103853	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.10	84	268412	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	6.12	67	73235	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.82%
41) Toluene-d8	7.36	98	259218	48.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.08%
43) trans-1,3-Dichloropropene-	7.66	79	40554	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
47) 2-Hexanone-d5	8.13	63	55322	89.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.53%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99810	46.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
64) 1,2-Dichlorobenzene-d4	11.67	152	110240	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%

Target Compounds

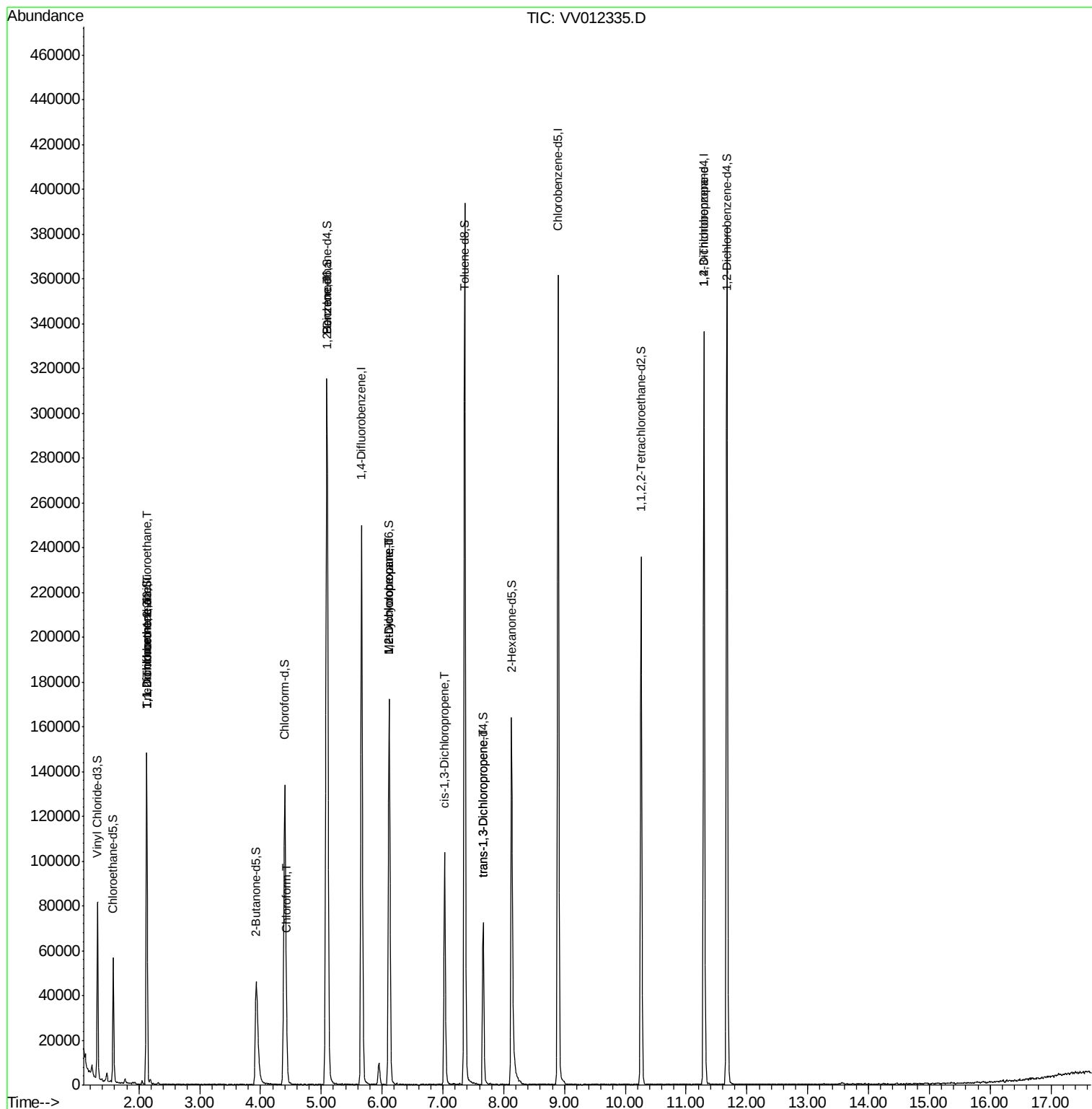
					Qvalue
9) Trichlorofluoromethane	2.13	101	841	0.398 ug/L #	17
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	841	0.878 ug/L #	13
12) 1,1-Dichloroethene	2.13	96	771	0.881 ug/L #	1
25) Chloroform	4.43	83	9178	3.342 ug/L	95
33) Benzene	5.10	78	2364	0.452 ug/L	100
35) Methylcyclohexane	6.12	83	21366	9.219 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9722	8.195 ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2836	1.288 ug/L #	74
44) trans-1,3-Dichloropropene	7.66	75	1850	0.881 ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	8375	4.954 ug/L #	73

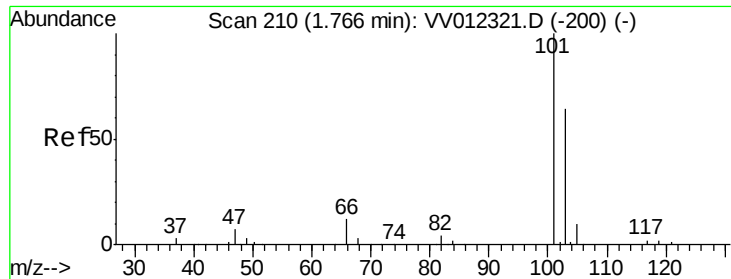
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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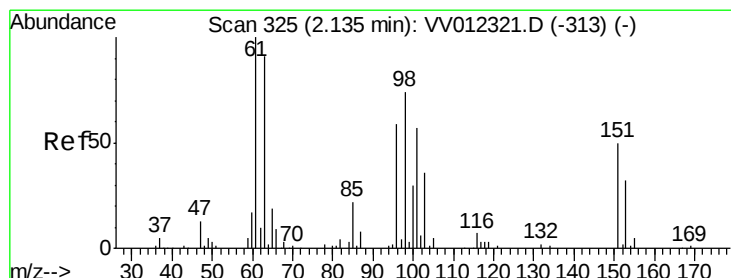
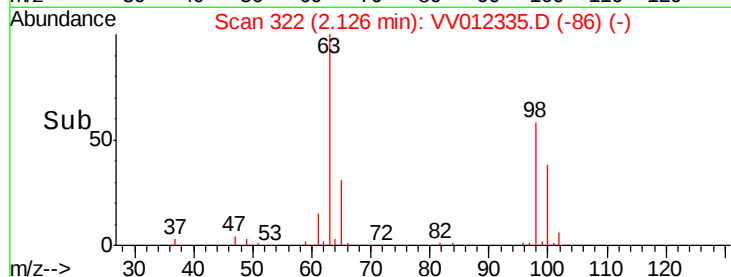
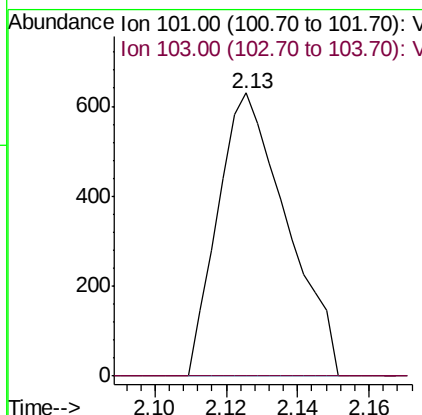
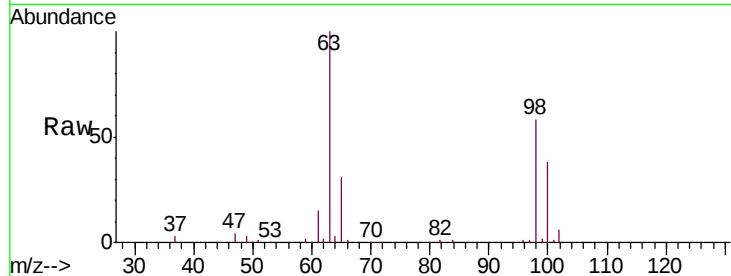


#9

Trichlorofluoromethane
 Concen: 0.398 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.36 min
 Lab File: VV012335.D
 Acq: 22 Aug 2019 00:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F2C10

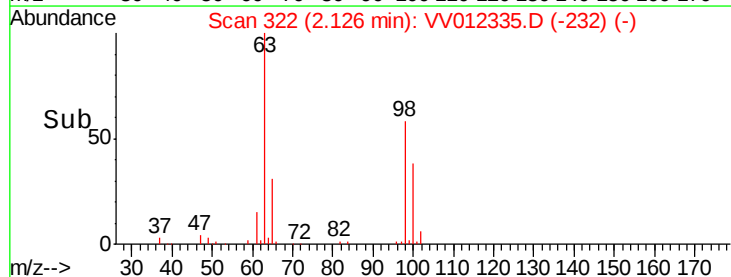
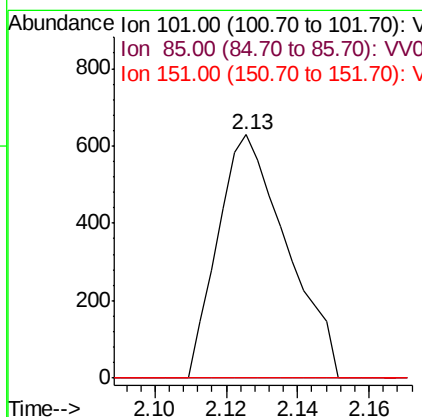
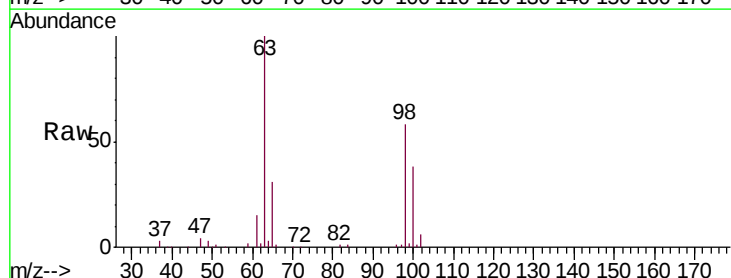
Tgt Ion:101 Resp: 841
 Ion Ratio Lower Upper
 101 100
 103 0.0 53.2 79.8#

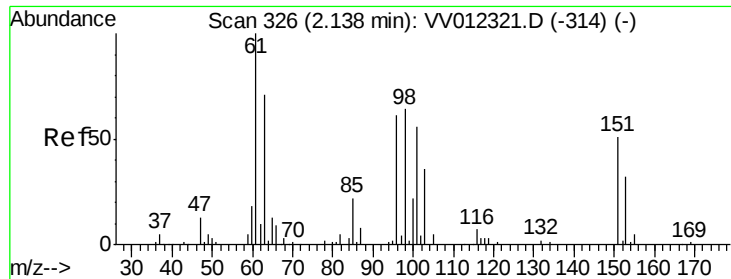


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.878 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012335.D
 Acq: 22 Aug 2019 00:25

Tgt Ion:101 Resp: 841
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.7 50.5#
 151 0.0 73.0 109.6#





#12

1,1-Dichloroethene

Concen: 0.881 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012335.D

Acq: 22 Aug 2019 00:25

Instrument :

MSVOA_V

ClientSampled :

F2C10

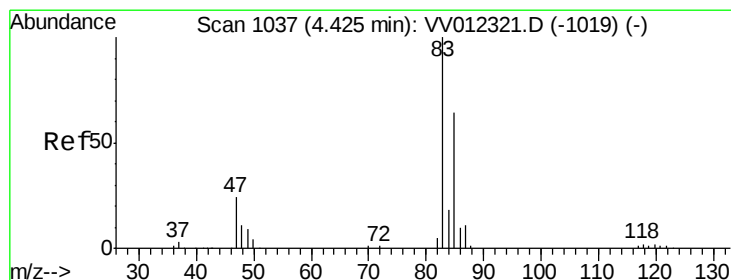
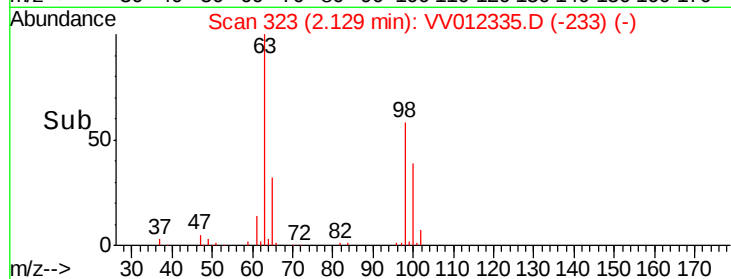
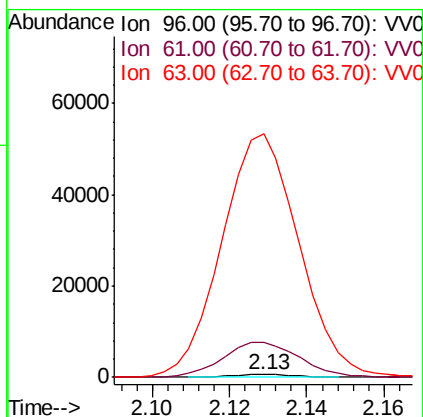
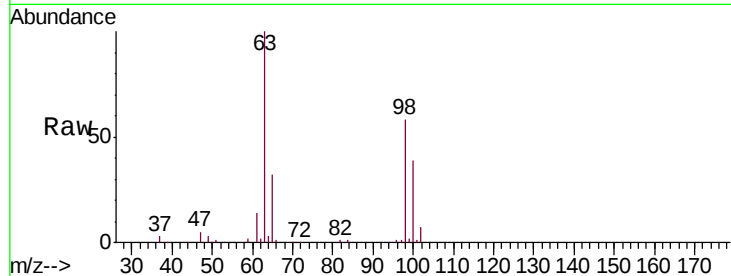
Tgt Ion: 96 Resp: 771

Ion Ratio Lower Upper

96 100

61 1296.3 122.6 227.8#

63 9027.4 98.6 183.2#



#25

Chloroform

Concen: 3.342 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VV012335.D

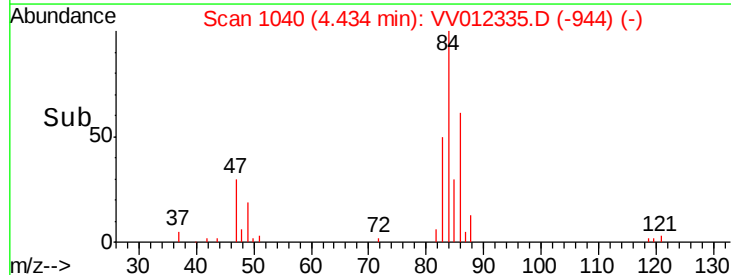
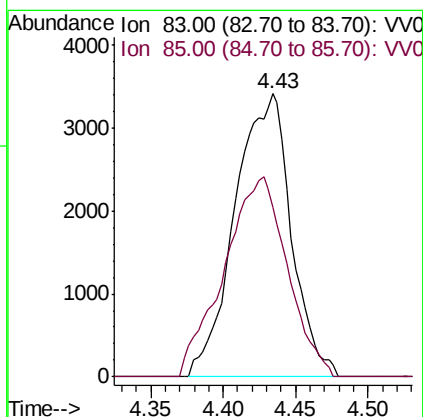
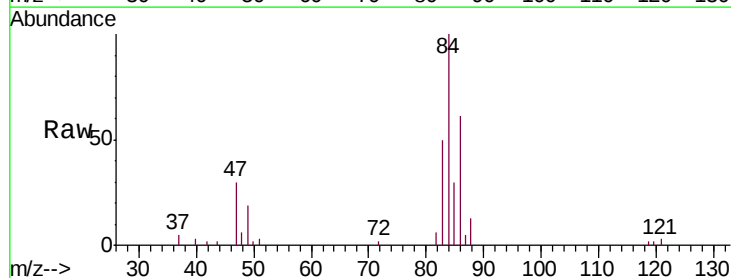
Acq: 22 Aug 2019 00:25

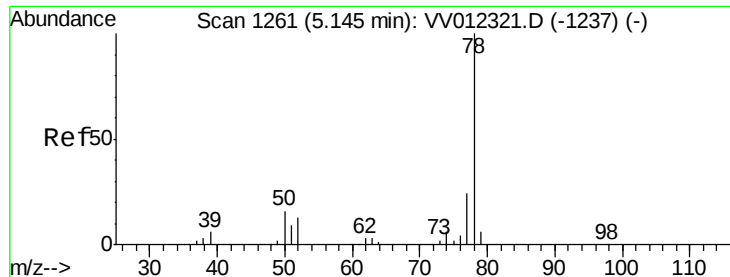
Tgt Ion: 83 Resp: 9178

Ion Ratio Lower Upper

83 100

85 60.1 44.5 82.7





#33

Benzene

Concen: 0.452 ug/L

RT: 5.10 min Scan# 1246

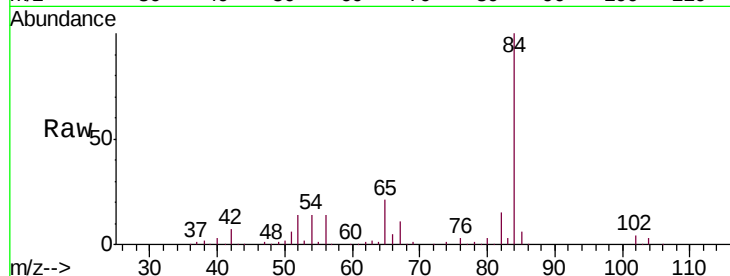
Delta R.T. -0.05 min

Lab File: VV012335.D

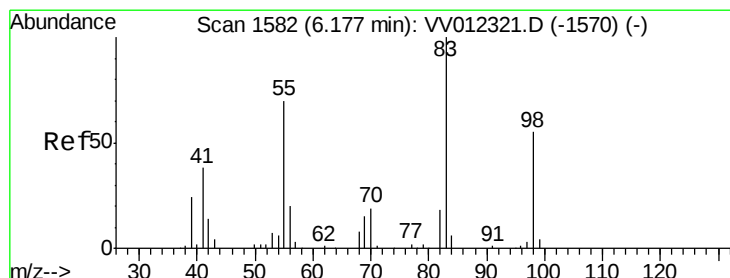
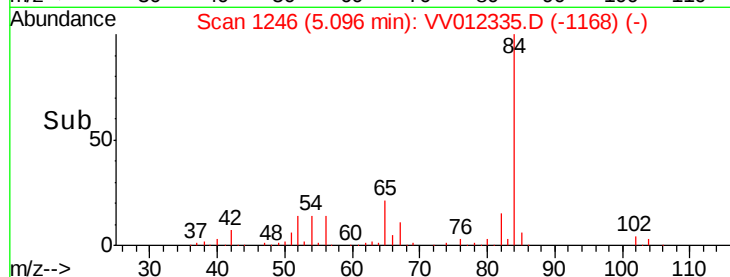
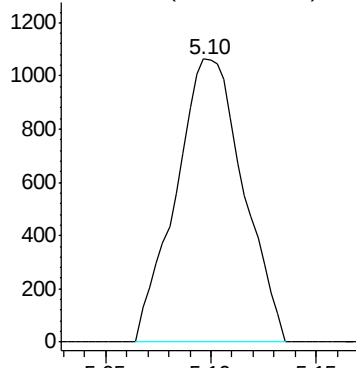
Acq: 22 Aug 2019 00:25

Instrument :
MSVOA_V
ClientSampleId :
F2C10

Tgt Ion: 78 Resp: 2364



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 9.219 ug/L

RT: 6.12 min Scan# 1563

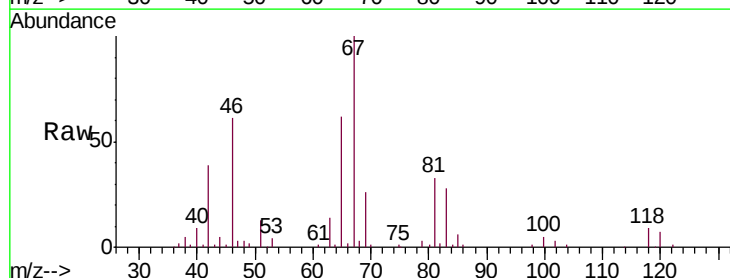
Delta R.T. -0.06 min

Lab File: VV012335.D

Acq: 22 Aug 2019 00:25

Tgt Ion: 83 Resp: 21366

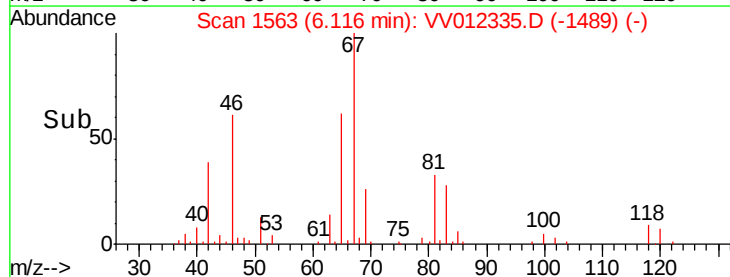
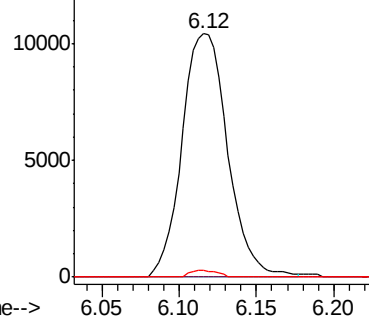
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.2	84.4#
98	1.7	42.2	63.4#

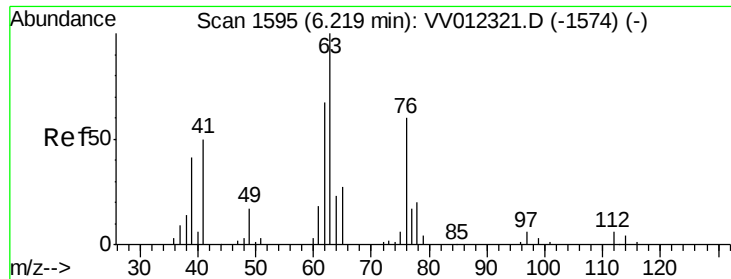


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

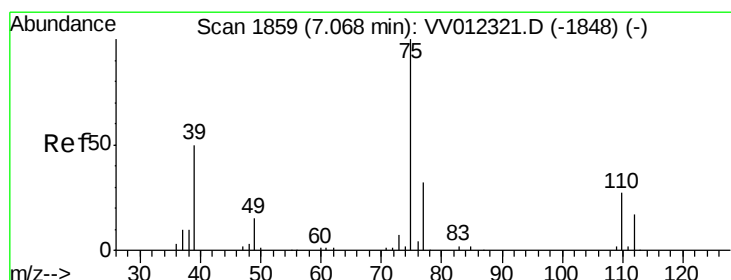
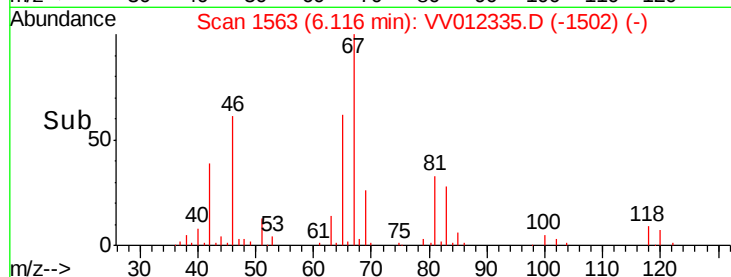
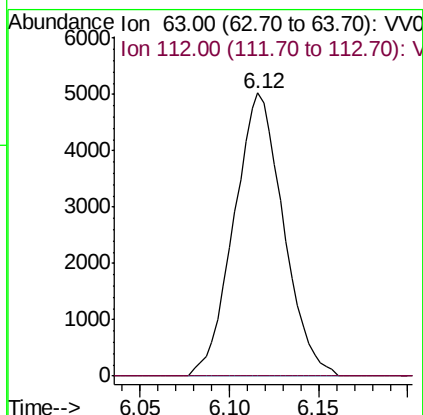
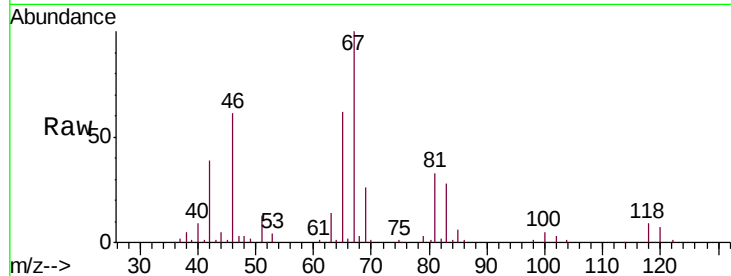




#37
 1,2-Dichloropropane
 Concen: 8.195 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012335.D
 Acq: 22 Aug 2019 00:25

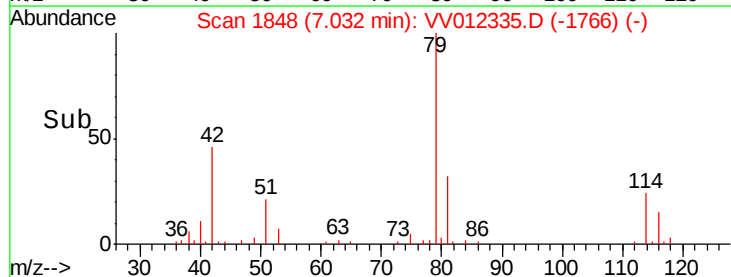
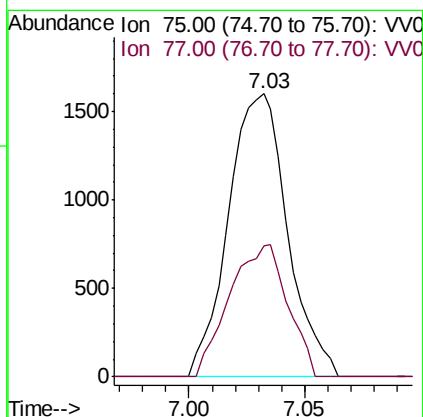
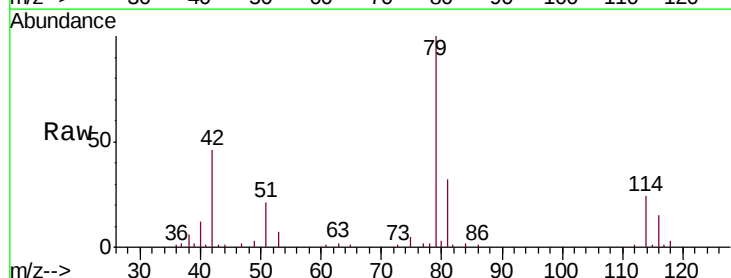
Instrument :
 MSVOA_V
 ClientSampleId :
 F2C10

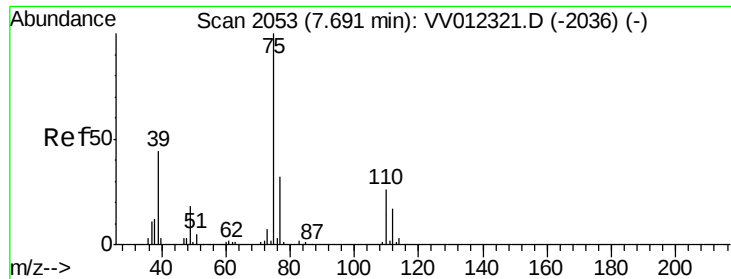
Tgt Ion: 63 Resp: 9722
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#39
 cis-1,3-Dichloropropene
 Concen: 1.288 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012335.D
 Acq: 22 Aug 2019 00:25

Tgt Ion: 75 Resp: 2836
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.881 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012335.D

Acq: 22 Aug 2019 00:25

Instrument :

MSVOA_V

ClientSampleId :

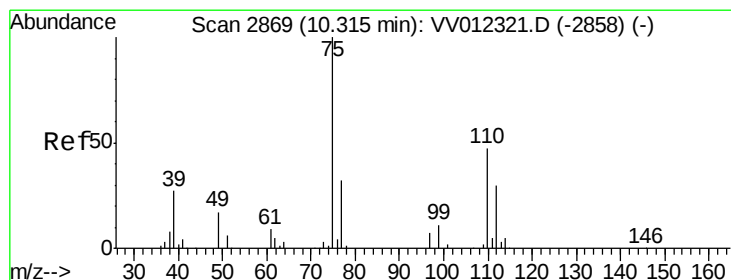
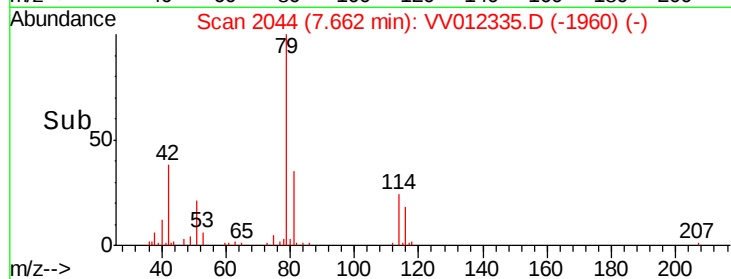
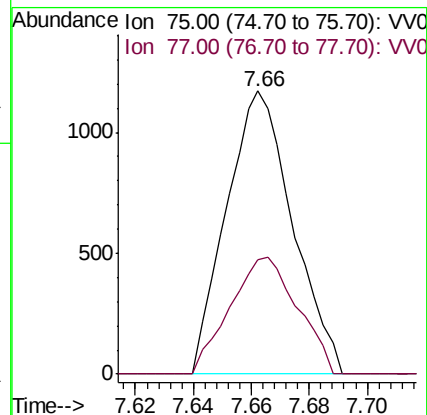
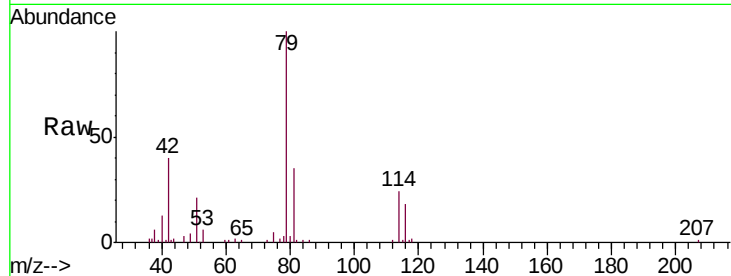
F2C10

Tgt Ion: 75 Resp: 1850

Ion Ratio Lower Upper

75 100

77 40.5 21.7 40.3#



#59

1,2,3-Trichloropropane

Concen: 4.954 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012335.D

Acq: 22 Aug 2019 00:25

Tgt Ion: 75 Resp: 8375

Ion Ratio Lower Upper

75 100

77 48.8 26.8 40.2#

