

Data File : VV012210.D
Acq On : 12 Aug 2019 17:18
Operator : SY/MD
Sample : K4248-20
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B63

Quant Time: Aug 13 06:48:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 13 06:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392650	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	377027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	169053	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139337	53.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.86%
7) Chloroethane-d5	1.58	69	131433	58.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.28%
11) 1,1-Dichloroethene-d2	2.13	63	197340	40.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.56%
21) 2-Butanone-d5	3.92	46	301260	131.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.89%#
24) Chloroform-d	4.40	84	336317	57.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.70%
26) 1,2-Dichloroethane-d4	5.08	65	225288	60.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.78%
32) Benzene-d6	5.10	84	689185	57.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.94%
36) 1,2-Dichloropropane-d6	6.12	67	221914	60.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.36%#
41) Toluene-d8	7.36	98	609328	56.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.16%
43) trans-1,3-Dichloropropene-	7.66	79	103472	55.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.16%
47) 2-Hexanone-d5	8.13	63	200189	124.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	315416	58.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.68%
64) 1,2-Dichlorobenzene-d4	11.67	152	248047	61.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.94%#

Target Compounds

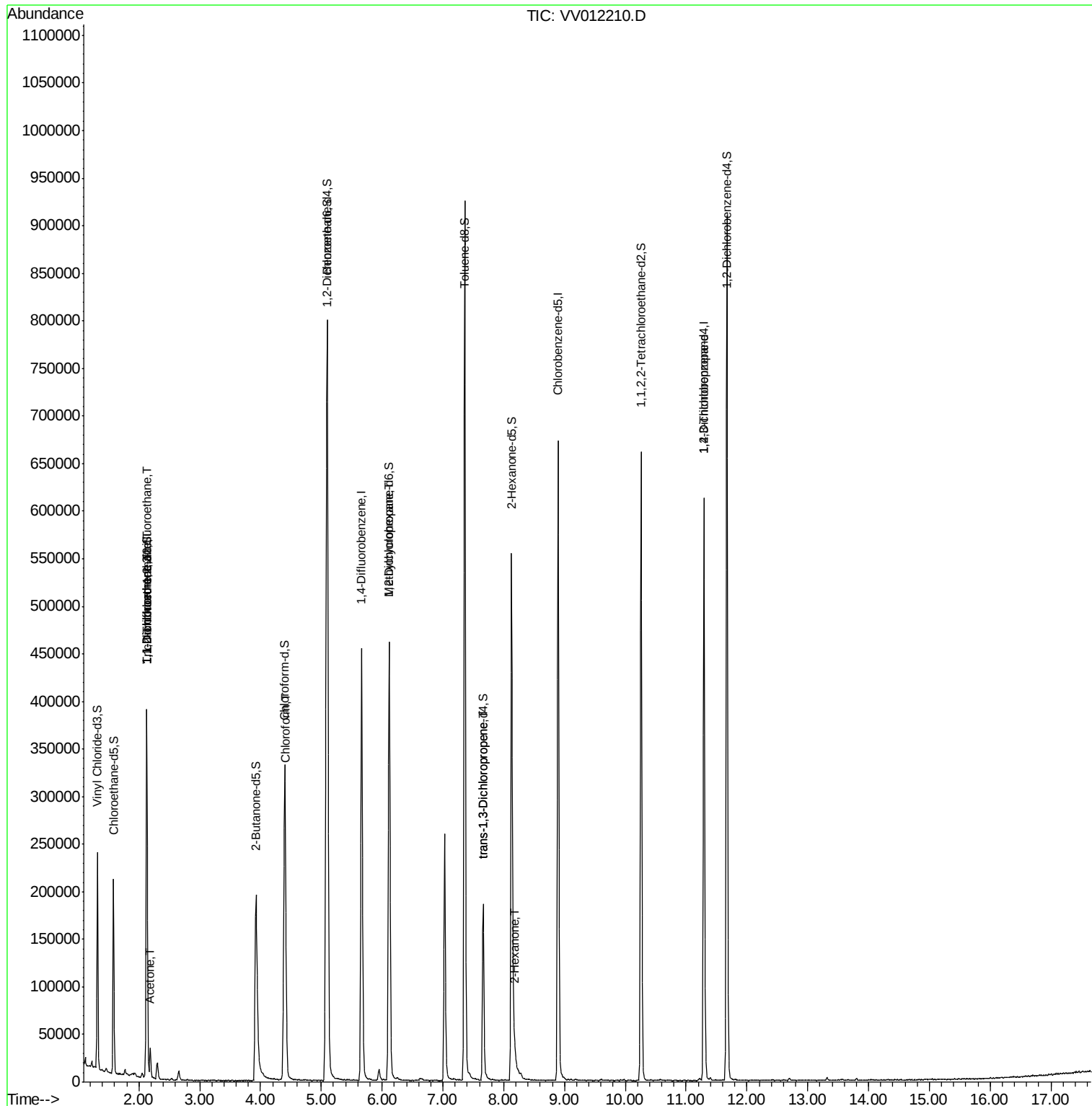
					Qvalue
9) Trichlorofluoromethane	2.13	101	2115	0.502 ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2115	0.888 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	2039	0.902 ug/L #	1
13) Acetone	2.19	43	25123	13.905 ug/L	98
25) Chloroform	4.42	83	2911	0.577 ug/L #	54
35) Methylcyclohexane	6.12	83	53435	11.617 ug/L #	19
44) trans-1,3-Dichloropropene	7.66	75	4627	1.180 ug/L #	71
48) 2-Hexanone	8.18	43	9081	2.937 ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	19091	5.551 ug/L	95

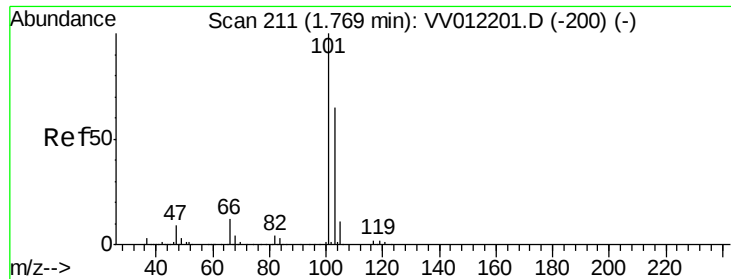
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.502 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.36 min

Lab File: VV012210.D

Acq: 12 Aug 2019 17:18

Instrument :

MSVOA_V

ClientSampleId :

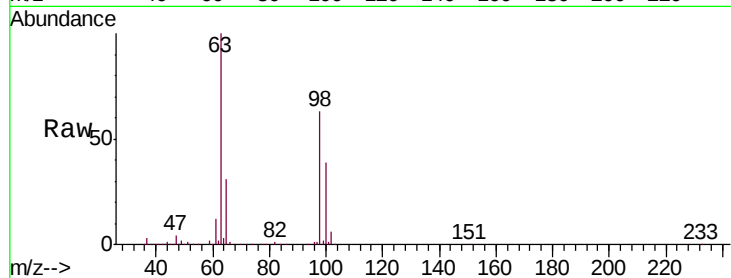
F2B63

Tgt Ion:101 Resp: 2115

Ion Ratio Lower Upper

101 100

103 9.5 51.8 77.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.13

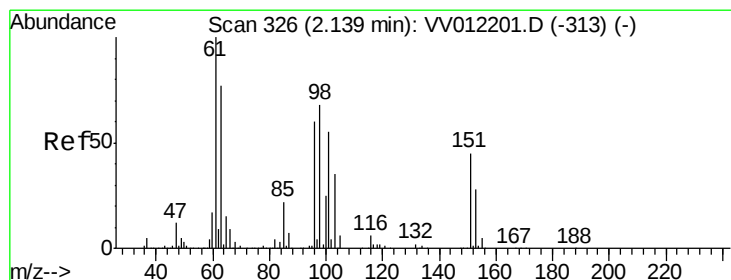
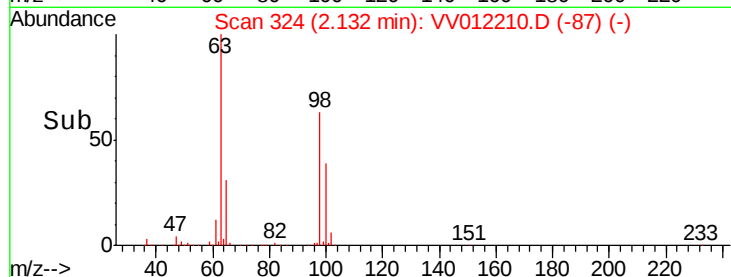
1500

1000

500

0

Time-->



#10

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

Concen: 0.888 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012210.D

Acq: 12 Aug 2019 17:18

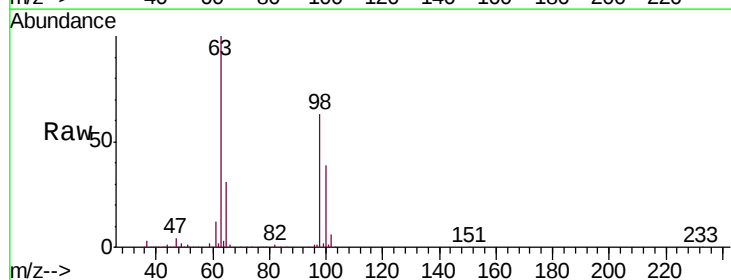
Tgt Ion:101 Resp: 2115

Ion Ratio Lower Upper

101 100

85 4.5 32.8 49.2#

151 10.3 65.0 97.6#



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

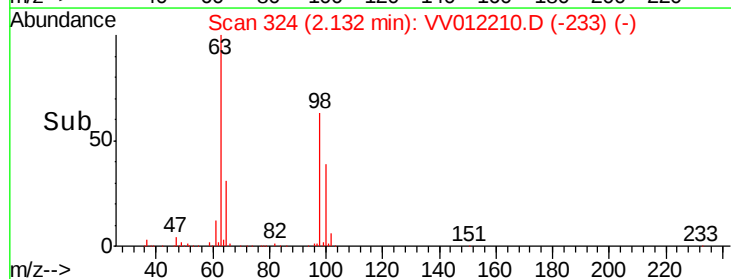
1500

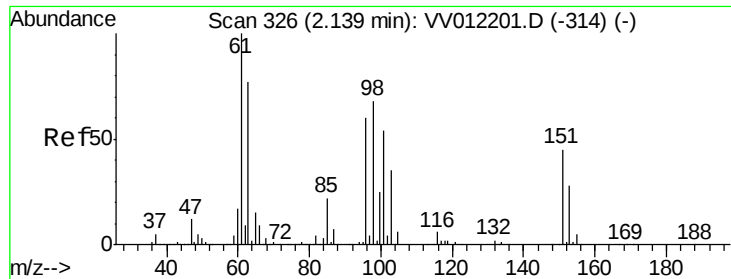
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.902 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012210.D

Acq: 12 Aug 2019 17:18

Instrument :

MSVOA_V

ClientSampled :

F2B63

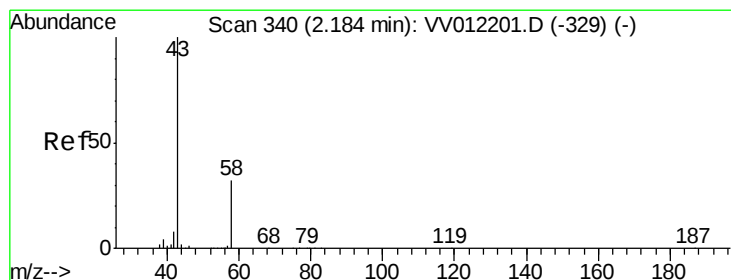
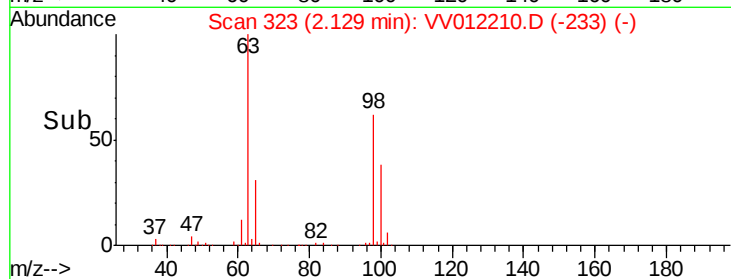
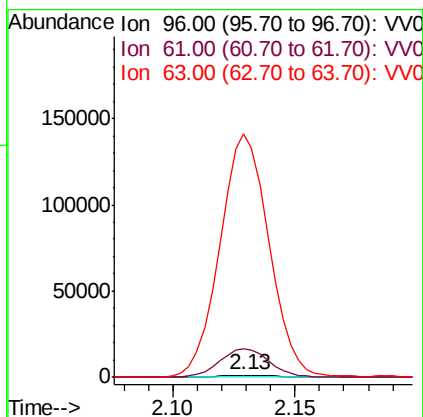
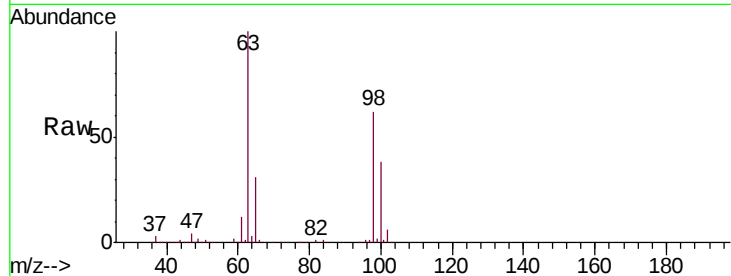
Tgt Ion: 96 Resp: 2039

Ion Ratio Lower Upper

96 100

61 1393.5 115.9 215.3#

63 11711.2 90.0 167.2#



#13

Acetone

Concen: 13.905 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV012210.D

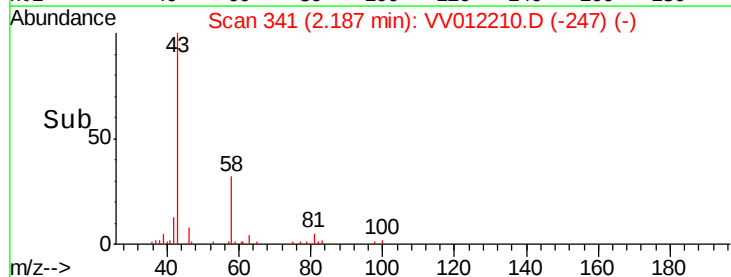
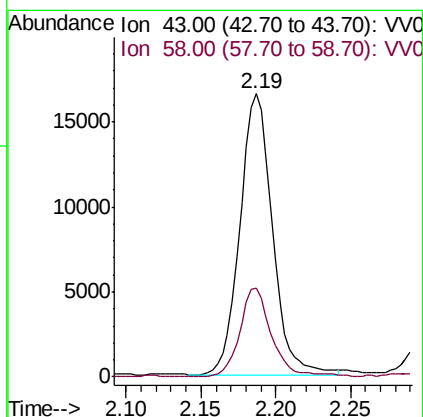
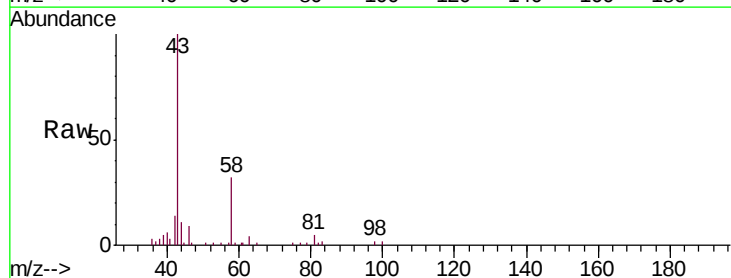
Acq: 12 Aug 2019 17:18

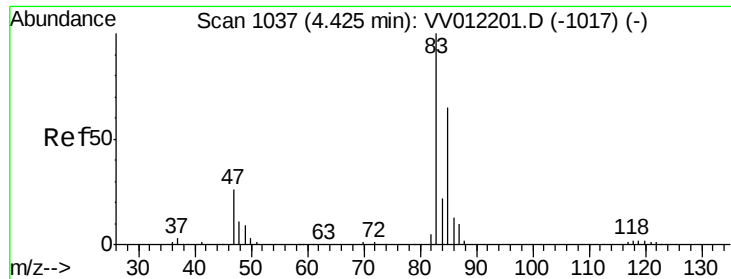
Tgt Ion: 43 Resp: 25123

Ion Ratio Lower Upper

43 100

58 30.6 0.0 63.2

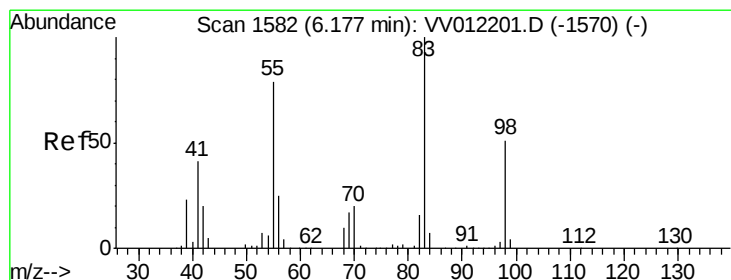
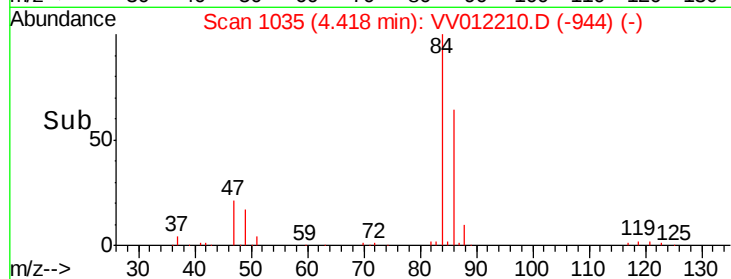
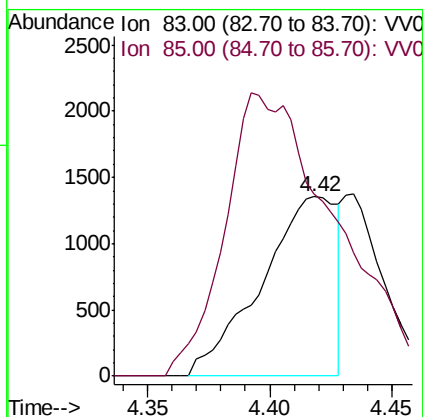
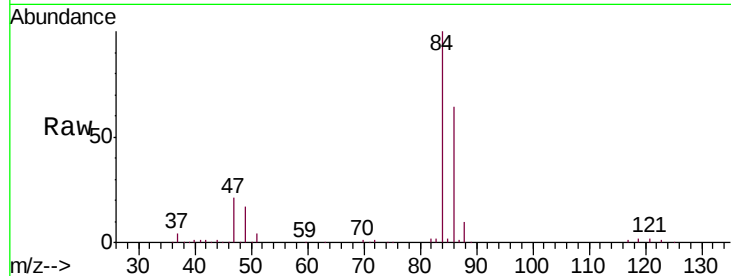




#25
Chloroform
Concen: 0.577 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV012210.D
Acq: 12 Aug 2019 17:18

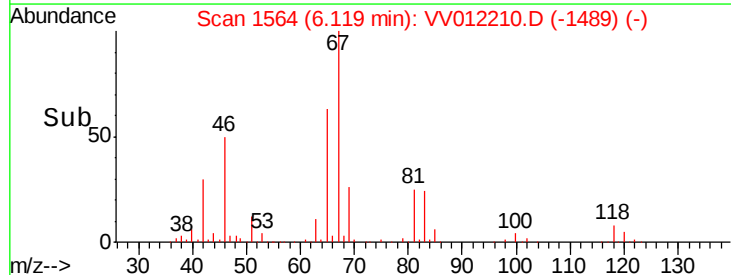
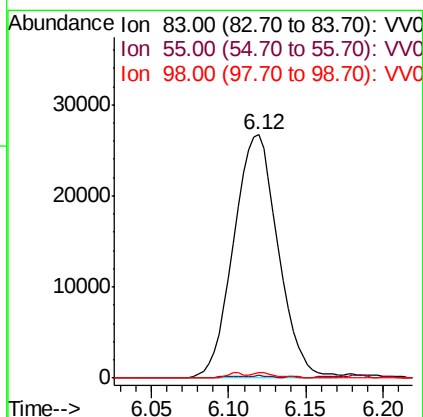
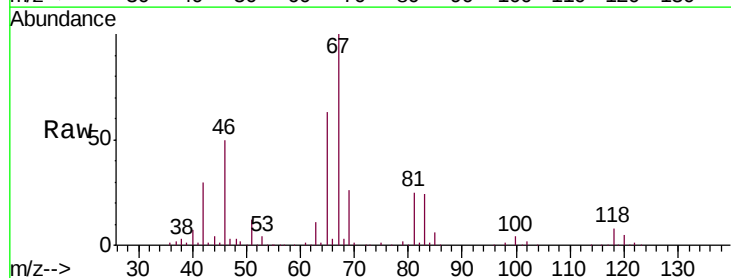
Instrument :
MSVOA_V
ClientSampleId :
F2B63

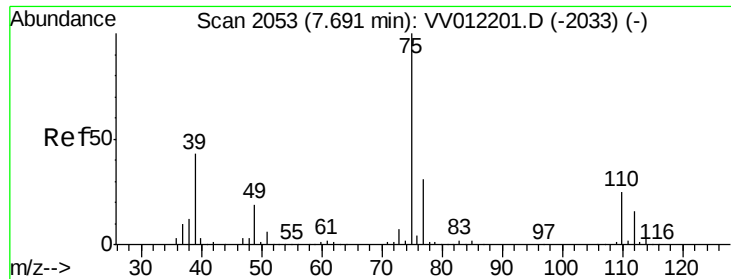
Tgt Ion: 83 Resp: 2911
Ion Ratio Lower Upper
83 100
85 101.4 45.4 84.2#



#35
Methylcyclohexane
Concen: 11.617 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV012210.D
Acq: 12 Aug 2019 17:18

Tgt Ion: 83 Resp: 53435
Ion Ratio Lower Upper
83 100
55 0.2 60.7 91.1#
98 1.3 40.1 60.1#

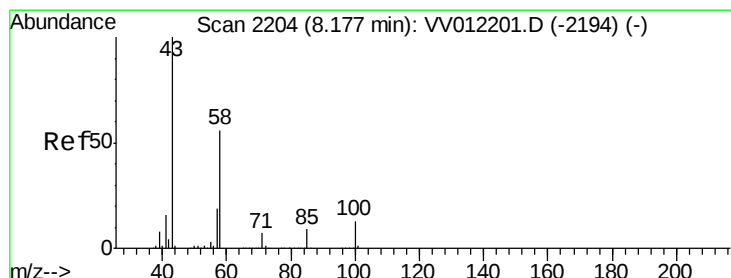
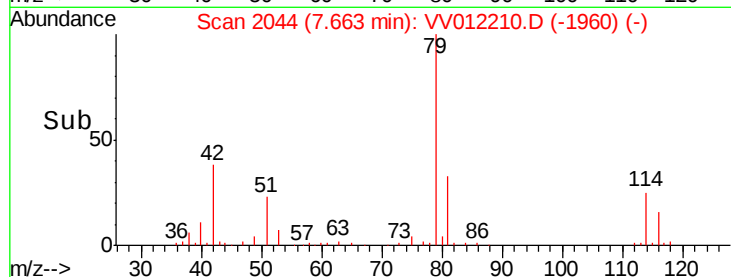
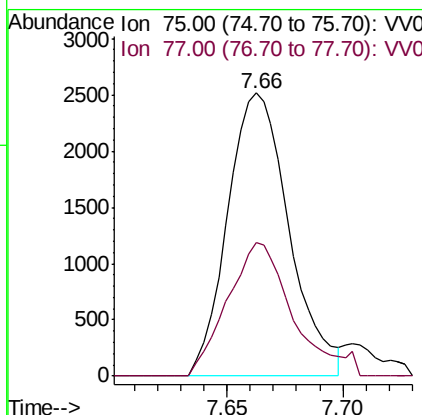
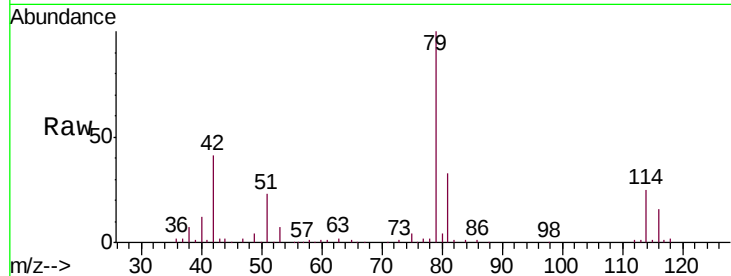




#44
 trans-1,3-Dichloropropene
 Concen: 1.180 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012210.D
 Acq: 12 Aug 2019 17:18

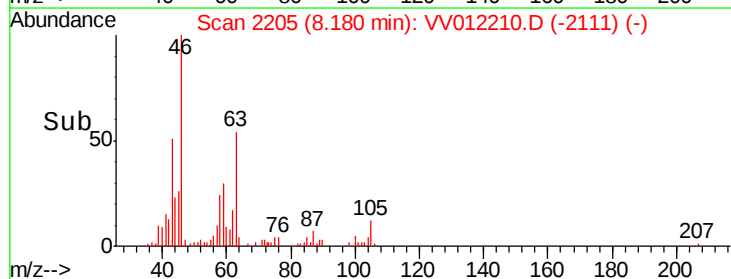
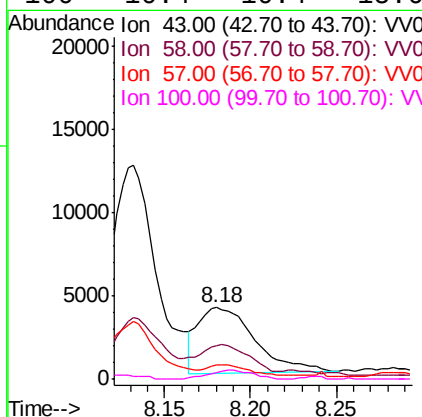
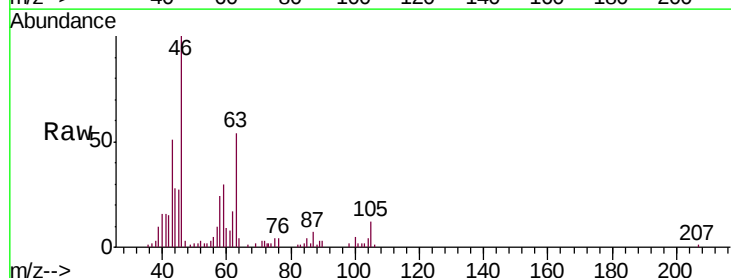
Instrument :
 MSVOA_V
 ClientSampleId :
 F2B63

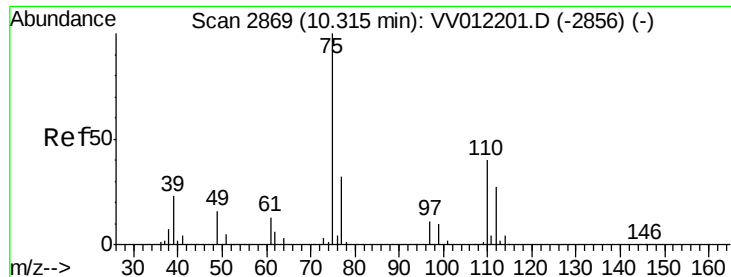
Tgt Ion: 75 Resp: 4627
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.0 40.8#



#48
 2-Hexanone
 Concen: 2.937 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: VV012210.D
 Acq: 12 Aug 2019 17:18

Tgt Ion: 43 Resp: 9081
 Ion Ratio Lower Upper
 43 100
 58 38.0 43.5 65.3#
 57 14.9 15.1 22.7#
 100 10.4 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 5.551 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012210.D

Acq: 12 Aug 2019 17:18

Instrument :

MSVOA_V

ClientSampleId :

F2B63

Tgt Ion: 75 Resp: 19091

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.2

