

Data File : VV012383.D
Acq On : 24 Aug 2019 00:08
Operator : SY/MD
Sample : K4500-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK5

Quant Time: Aug 26 08:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238027	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	232430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62612	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	45938	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	81963	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.93	46	110854	34.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.16%
24) Chloroform-d	4.40	84	123972	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	64534	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	268266	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	82849	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	222195	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	25923	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.13	63	65746	32.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45686	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	75831	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

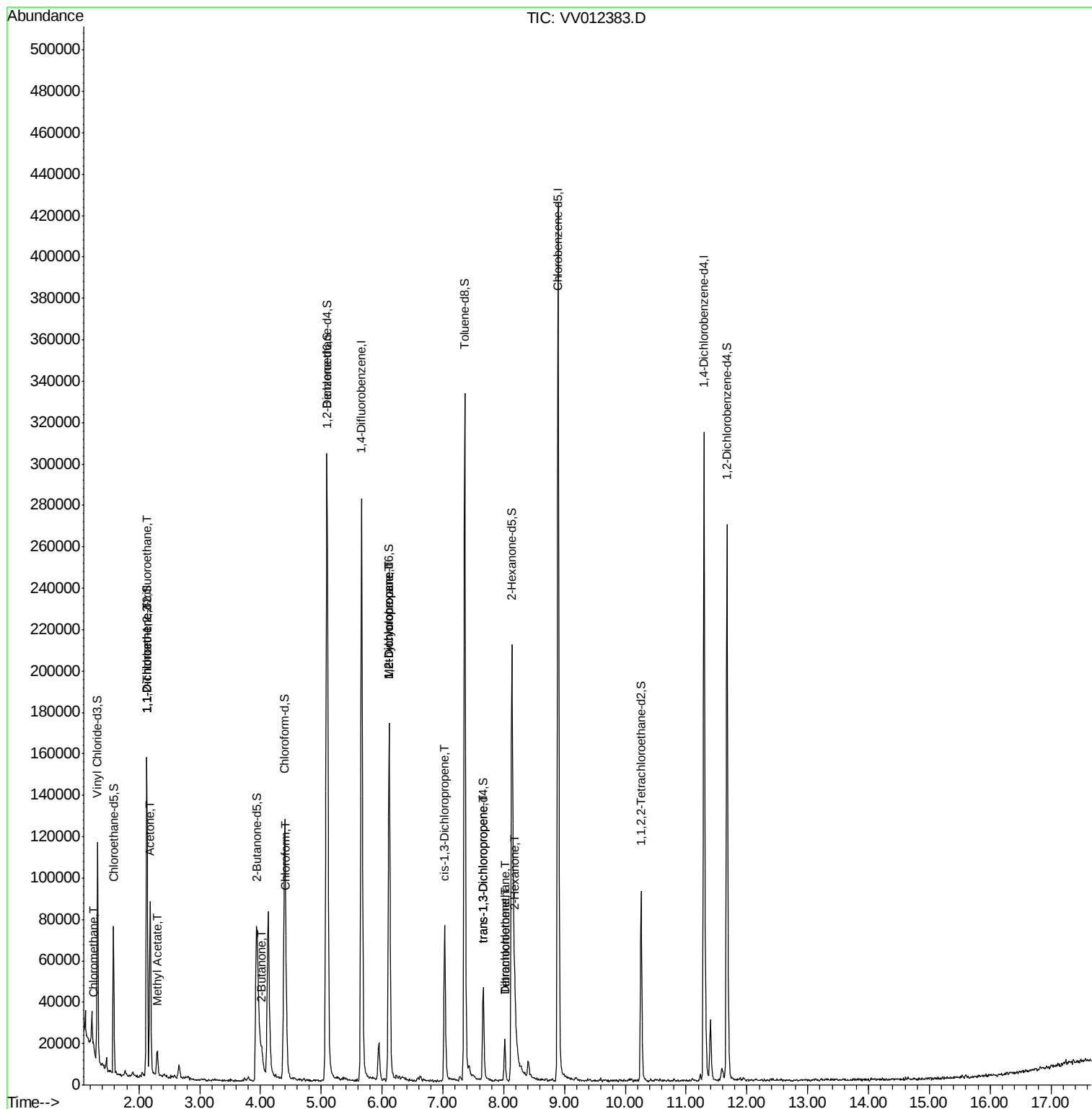
						Qvalue
3) Chloromethane	1.25	50	1534	0.098	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	846	0.080	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	936	0.098	ug/L #	1
13) Acetone	2.19	43	83483	60.189	ug/L	95
15) Methyl Acetate	2.30	43	2728	0.781	ug/L #	57
21) 2-Butanone	4.02	43	12052	3.700	ug/L	93
25) Chloroform	4.43	83	13122	0.445	ug/L	98
35) Methylcyclohexane	6.12	83	20229	0.805	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9550	0.636	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1891	0.094	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1291	0.085	ug/L #	81
47) Tetrachloroethene	8.02	164	4344	0.337	ug/L	97
48) 2-Hexanone	8.18	43	18040	3.108	ug/L #	78
49) Dibromochloromethane	8.02	129	3915	0.336	ug/L #	11

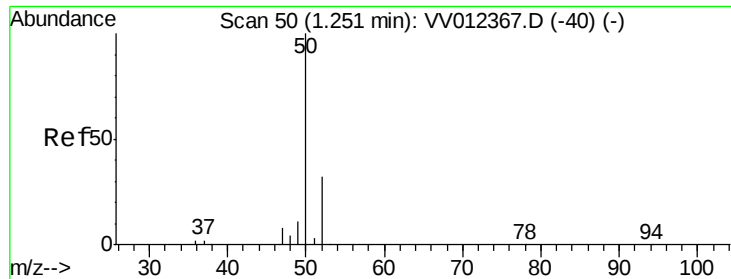
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.098 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012383.D

Acq: 24 Aug 2019 00:08

Instrument :

MSVOA_V

ClientSampled :

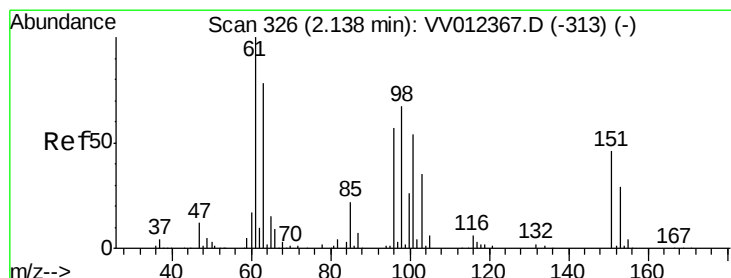
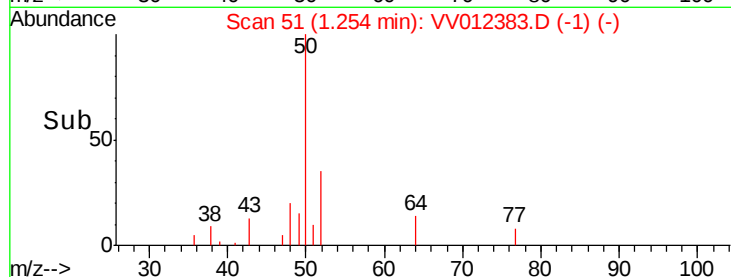
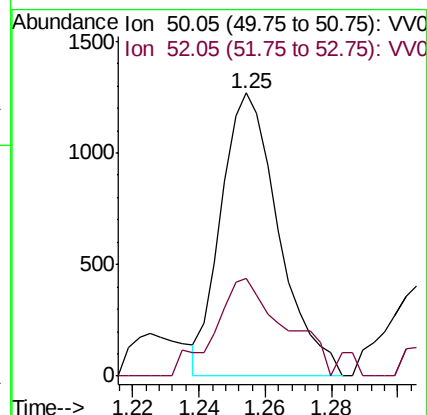
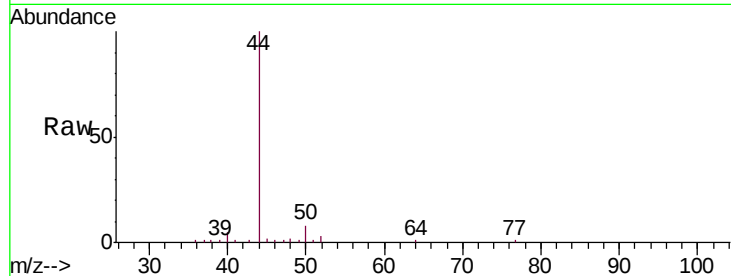
GANK5

Tgt Ion: 50 Resp: 1534

Ion Ratio Lower Upper

50 100

52 34.7 22.2 41.2



#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012383.D

Acq: 24 Aug 2019 00:08

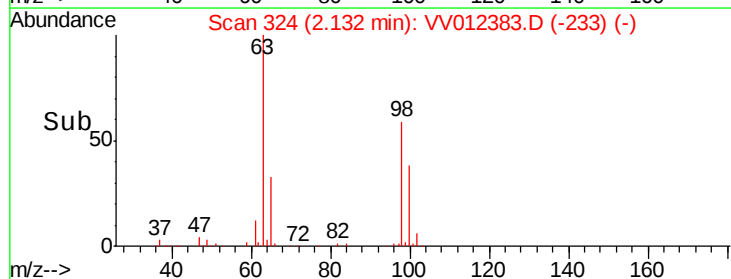
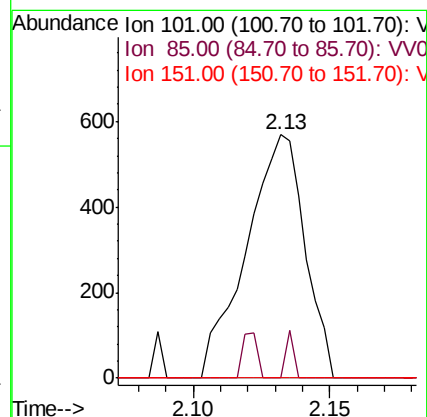
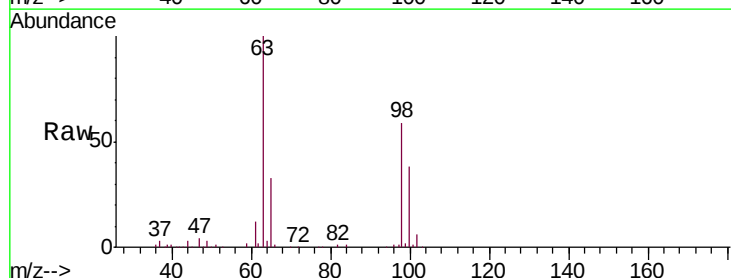
Tgt Ion: 101 Resp: 846

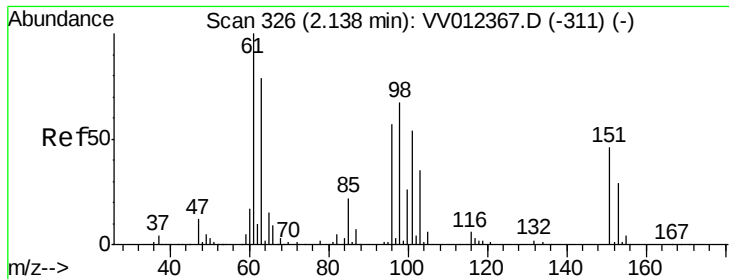
Ion Ratio Lower Upper

101 100

85 2.5 34.6 51.8#

151 0.0 71.2 106.8#

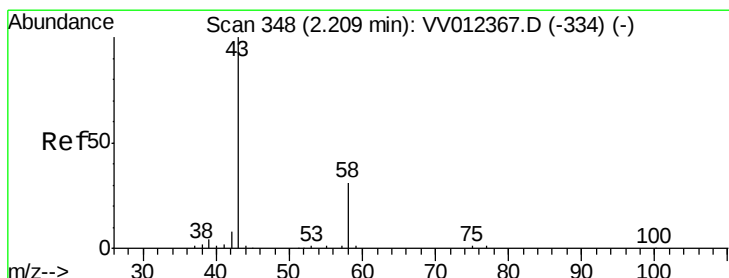
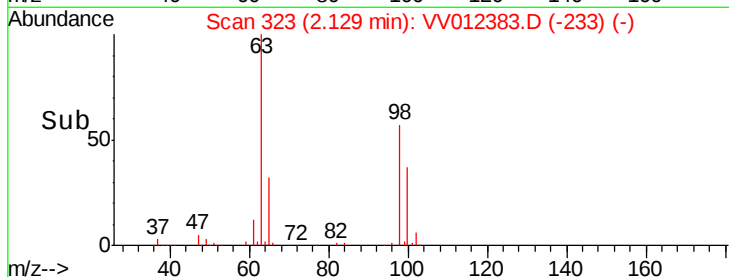
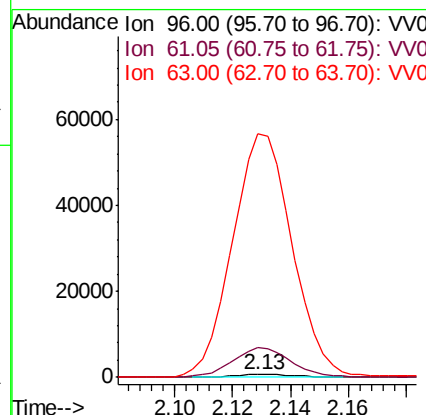
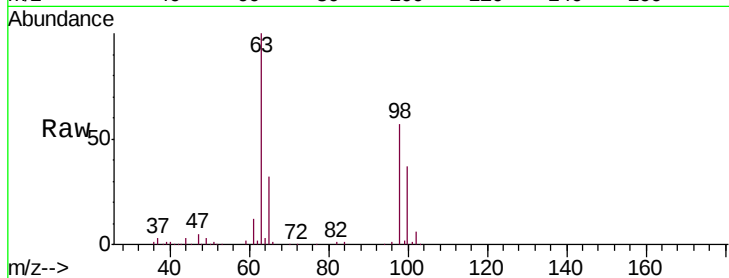




#12
 1,1-Dichloroethene
 Concen: 0.098 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012383.D
 Acq: 24 Aug 2019 00:08

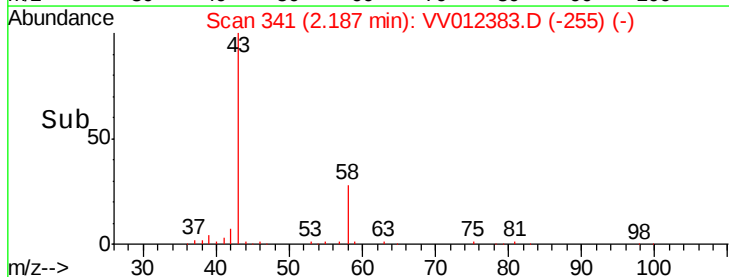
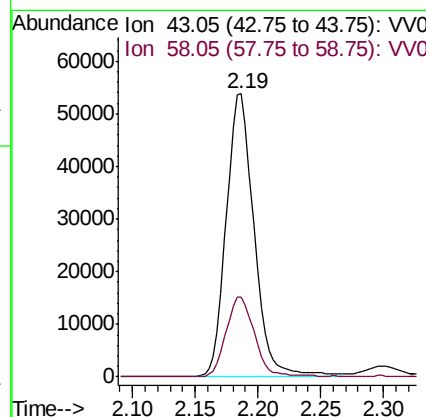
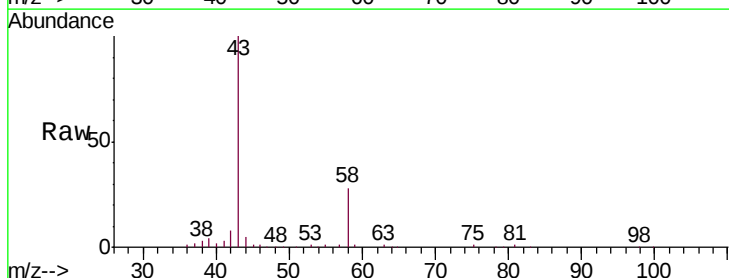
Instrument :
 MSVOA_V
 ClientSampled :
 GANK5

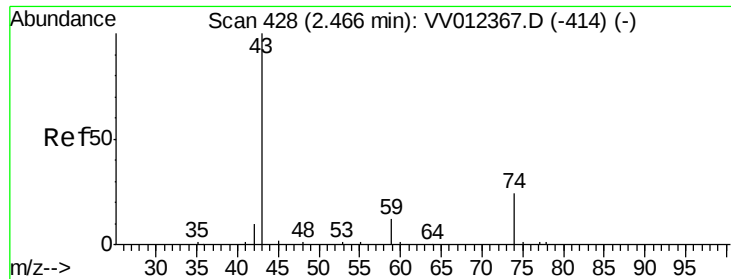
Tgt Ion: 96 Resp: 936
 Ion Ratio Lower Upper
 96 100
 61 1199.1 122.3 227.1#
 63 9854.6 90.6 168.2#



#13
 Acetone
 Concen: 60.189 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV012383.D
 Acq: 24 Aug 2019 00:08

Tgt Ion: 43 Resp: 83483
 Ion Ratio Lower Upper
 43 100
 58 28.8 0.0 62.8

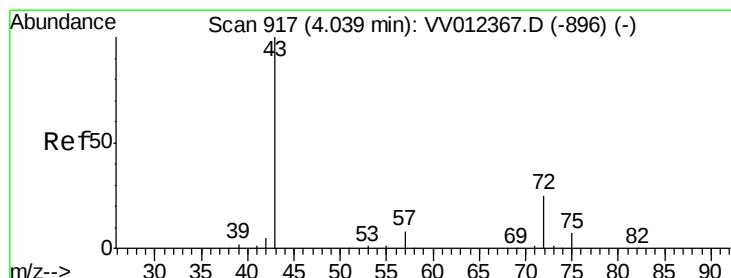
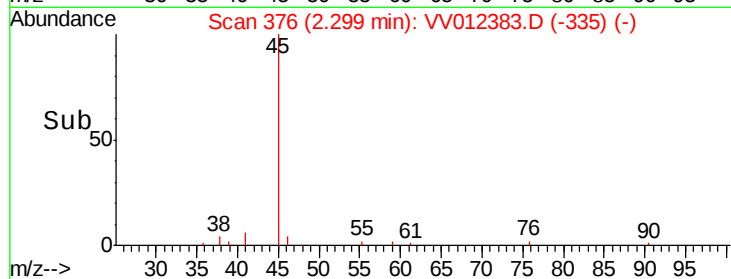
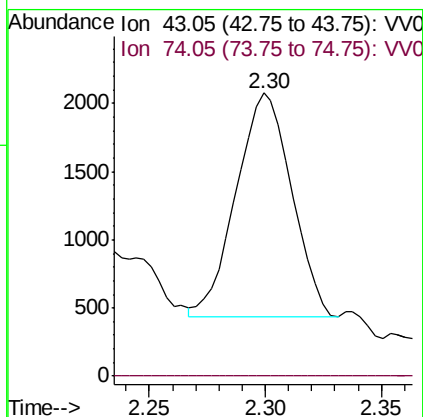
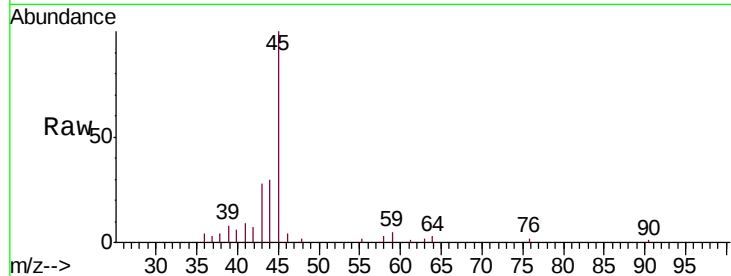




#15
Methyl Acetate
Concen: 0.781 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

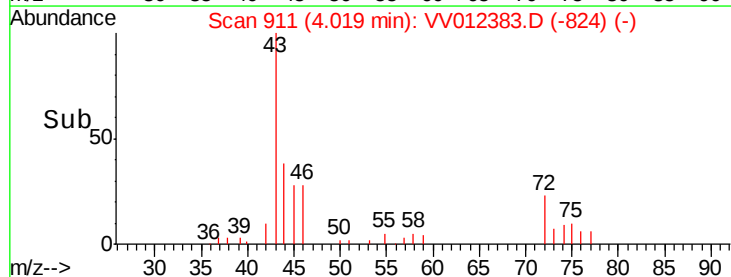
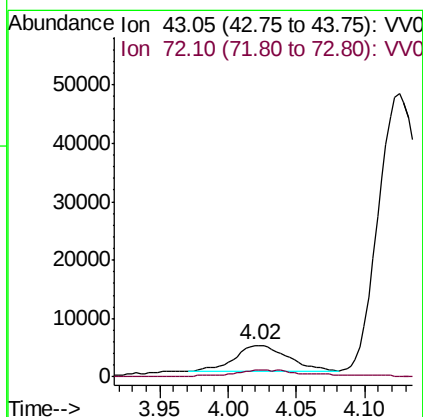
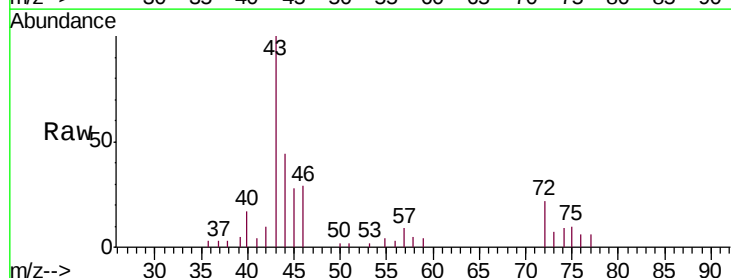
Instrument :
MSVOA_V
ClientSampleId :
GANK5

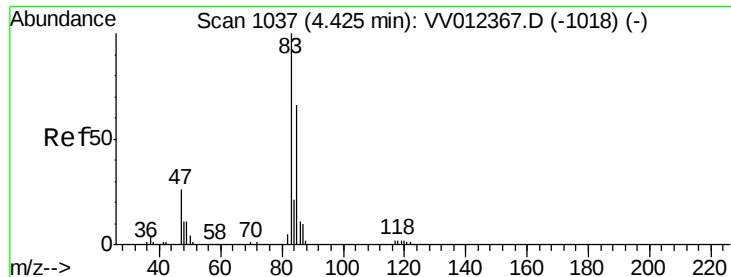
Tgt Ion: 43 Resp: 2728
Ion Ratio Lower Upper
43 100
74 5.1 21.8 32.6#



#21
2-Butanone
Concen: 3.700 ug/L
RT: 4.02 min Scan# 911
Delta R.T. -0.02 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

Tgt Ion: 43 Resp: 12052
Ion Ratio Lower Upper
43 100
72 21.1 12.2 36.6

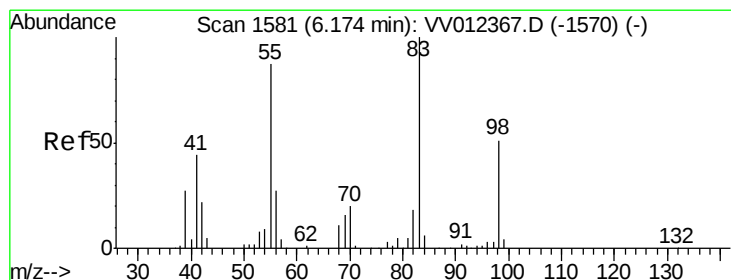
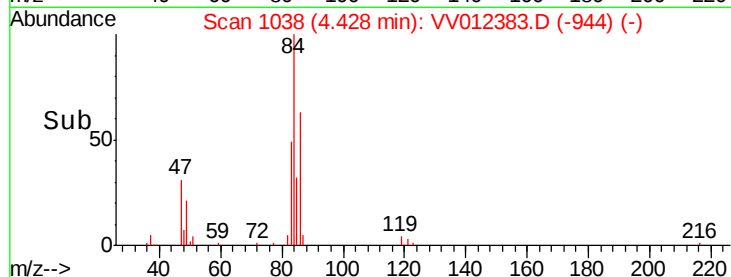
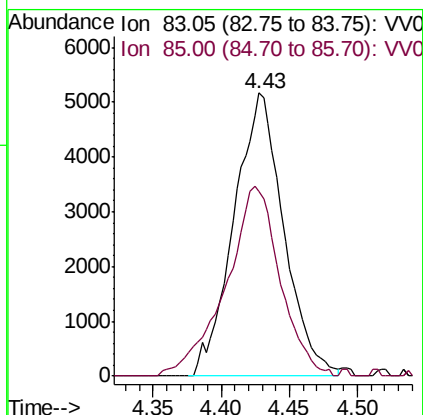
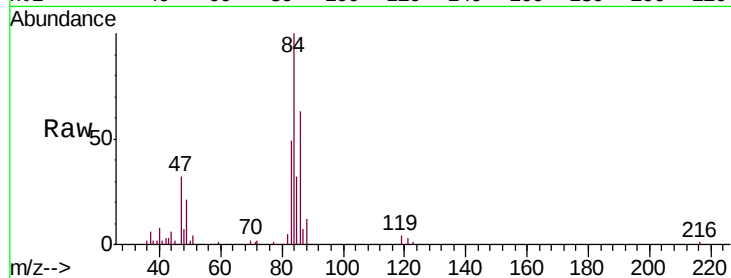




#25
Chloroform
Concen: 0.445 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

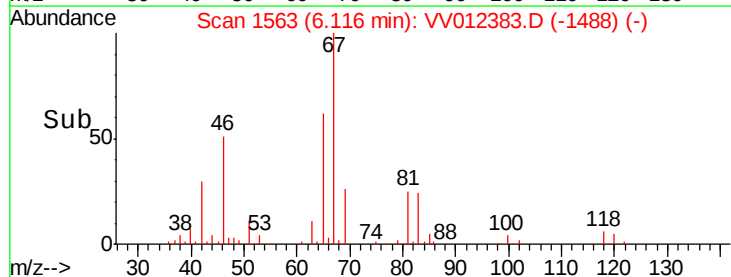
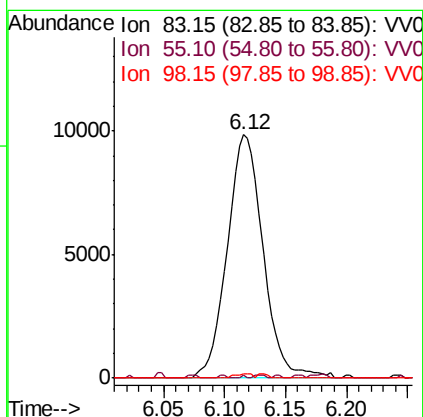
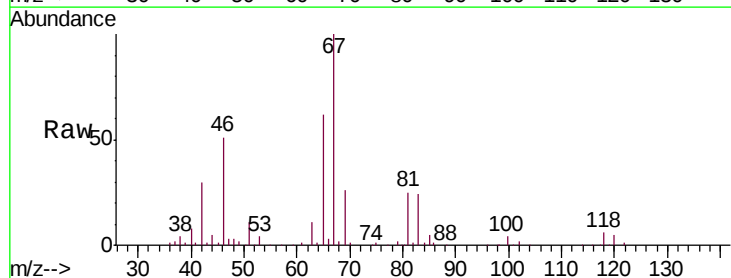
Instrument :
MSVOA_V
ClientSampleId :
GANK5

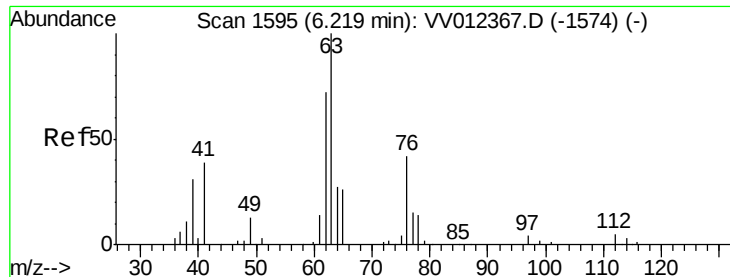
Tgt Ion: 83 Resp: 13122
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

Tgt Ion: 83 Resp: 20229
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.8 39.0 58.4#

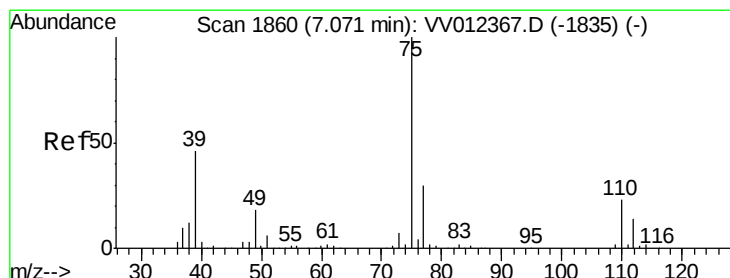
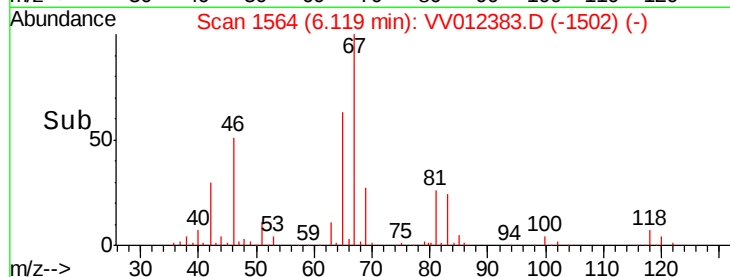
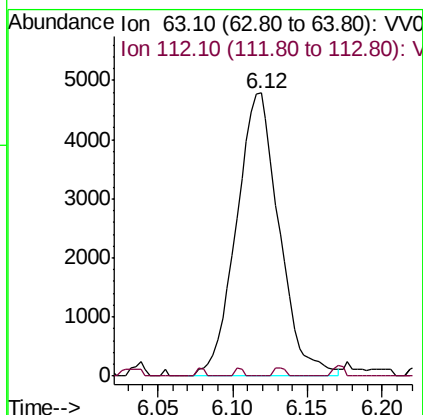
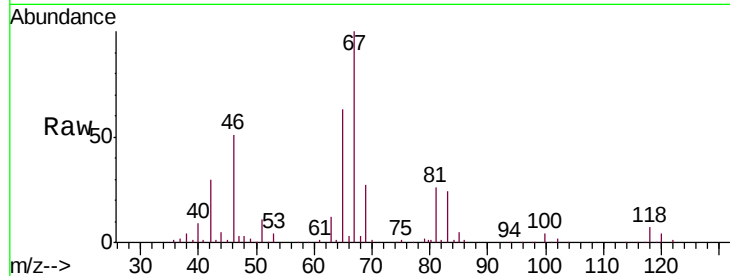




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012383.D
 Acq: 24 Aug 2019 00:08

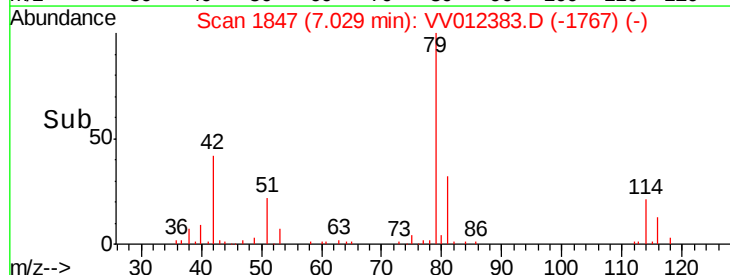
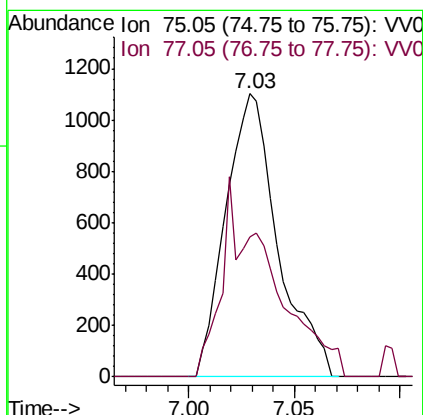
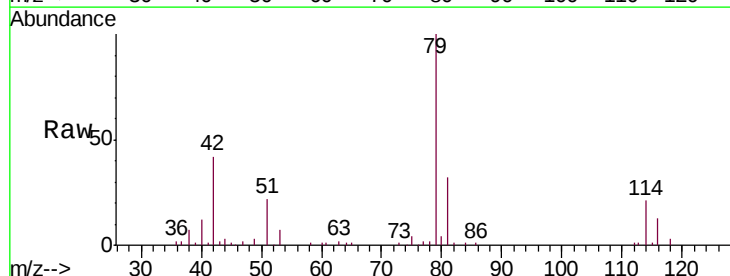
Instrument :
 MSVOA_V
 ClientSampled :
 GANK5

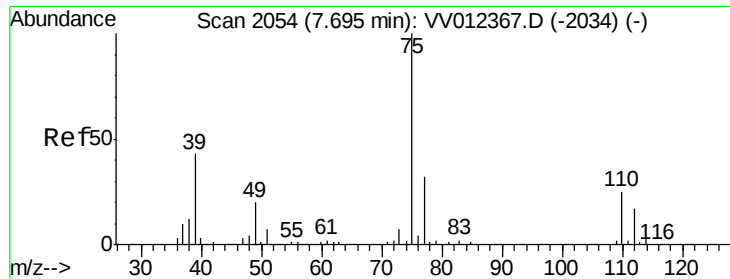
Tgt Ion: 63 Resp: 9550
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012383.D
 Acq: 24 Aug 2019 00:08

Tgt Ion: 75 Resp: 1891
 Ion Ratio Lower Upper
 75 100
 77 49.5 23.2 43.2#





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012383.D

Acq: 24 Aug 2019 00:08

Instrument :

MSVOA_V

ClientSampleId :

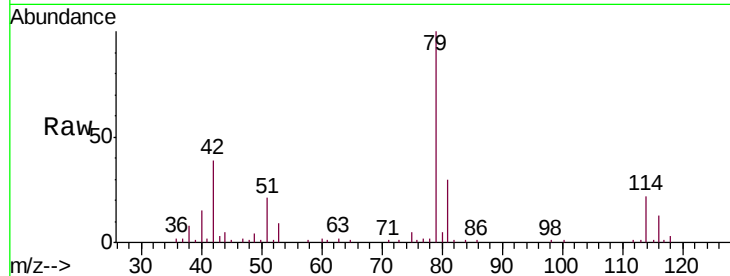
GANK5

Tgt Ion: 75 Resp: 1291

Ion Ratio Lower Upper

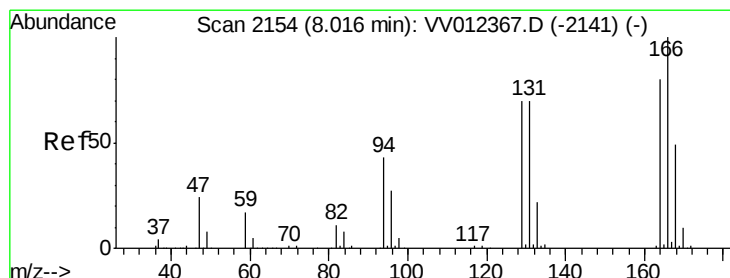
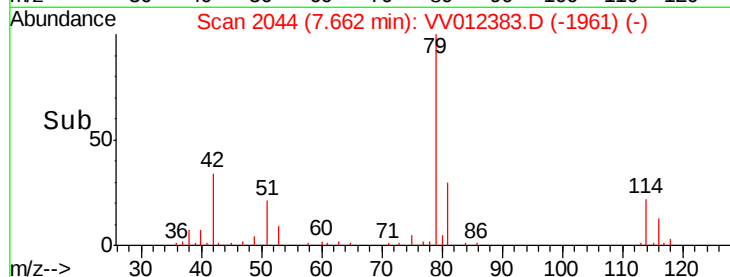
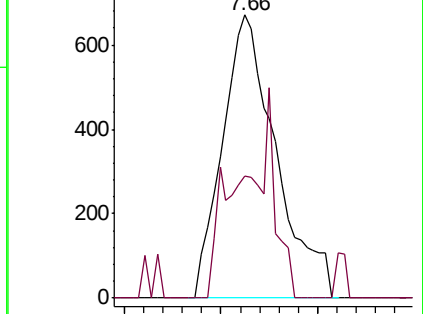
75 100

77 43.1 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.337 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012383.D

Acq: 24 Aug 2019 00:08

Tgt Ion: 164 Resp: 4344

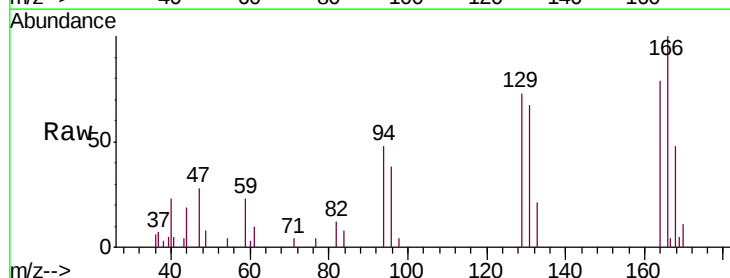
Ion Ratio Lower Upper

164 100

129 92.6 60.6 112.6

131 85.2 58.8 109.2

166 126.7 87.6 162.8

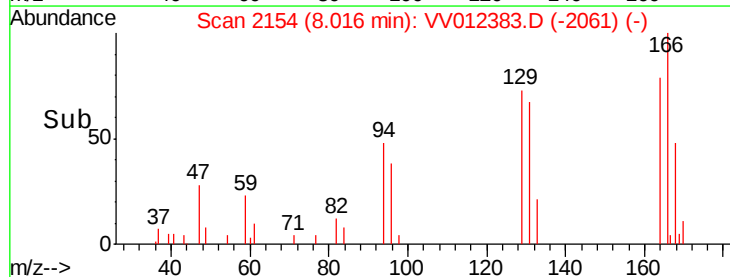
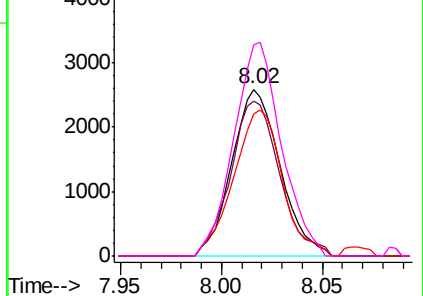


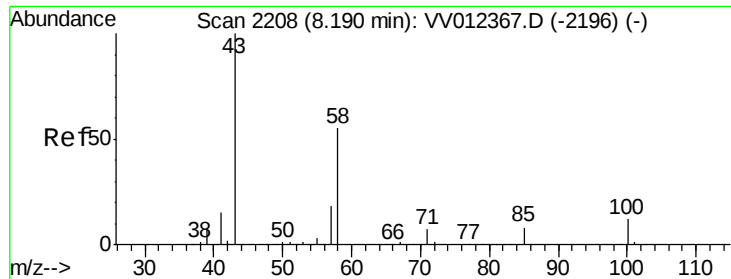
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

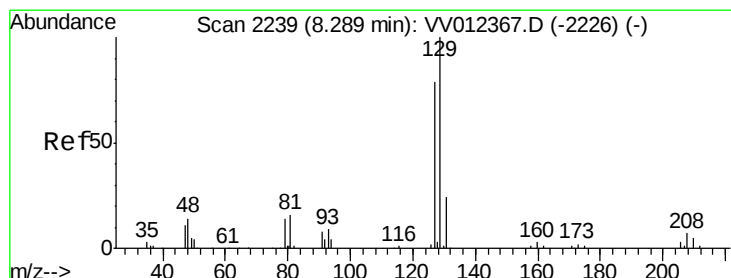
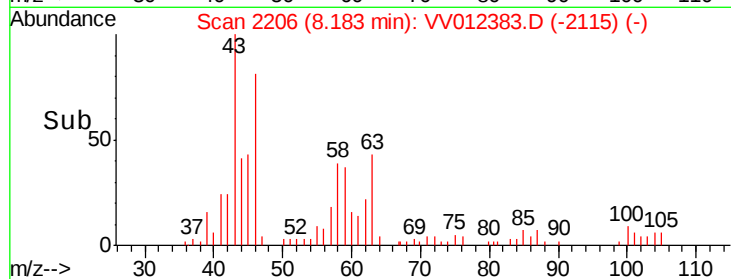
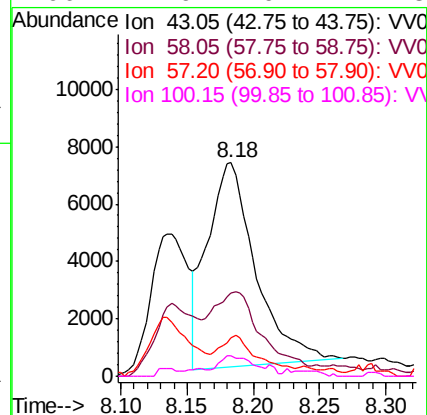
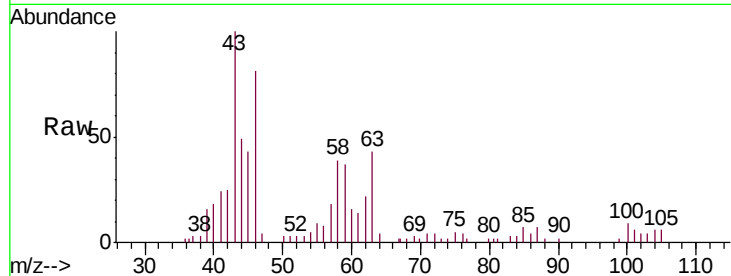




#48
2-Hexanone
Concen: 3.108 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

Instrument :
MSVOA_V
ClientSampleId :
GANK5

Tgt Ion: 43 Resp: 18040
Ion Ratio Lower Upper
43 100
58 37.9 46.3 69.5#
57 11.7 14.9 22.3#
100 7.9 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.336 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012383.D
Acq: 24 Aug 2019 00:08

Tgt Ion: 129 Resp: 3915
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#

