

Data File : VV012385.D
Acq On : 24 Aug 2019 01:03
Operator : SY/MD
Sample : K4500-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK7

Quant Time: Aug 26 08:07:22 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	241983	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	238788	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67439	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	47365	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	86896	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.93	46	117406	36.02	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.04%
24) Chloroform-d	4.40	84	132211	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	68999	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	286733	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	87562	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	233844	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	26749	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.13	63	72601	35.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48634	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	80344	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1559	0.098 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	781	0.073 ug/L #	14
12) 1,1-Dichloroethene	2.13	96	849	0.087 ug/L #	1
13) Acetone	2.19	43	140910	99.931 ug/L	95
15) Methyl Acetate	2.19	43	118399	33.357 ug/L #	48
21) 2-Butanone	4.02	43	20985	6.336 ug/L	89
25) Chloroform	4.43	83	15568	0.520 ug/L	98
35) Methylcyclohexane	6.12	83	21588	0.836 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9878	0.640 ug/L #	89
38) Bromodichloromethane	6.56	83	962	0.051 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2220	0.107 ug/L #	65
44) trans-1,3-Dichloropropene	7.66	75	1279	0.082 ug/L #	49
47) Tetrachloroethene	8.02	164	7432	0.560 ug/L	95
48) 2-Hexanone	8.18	43	18218	3.055 ug/L #	78
49) Dibromochloromethane	8.02	129	5739	0.479 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Quantitation Report (Not Reviewed)

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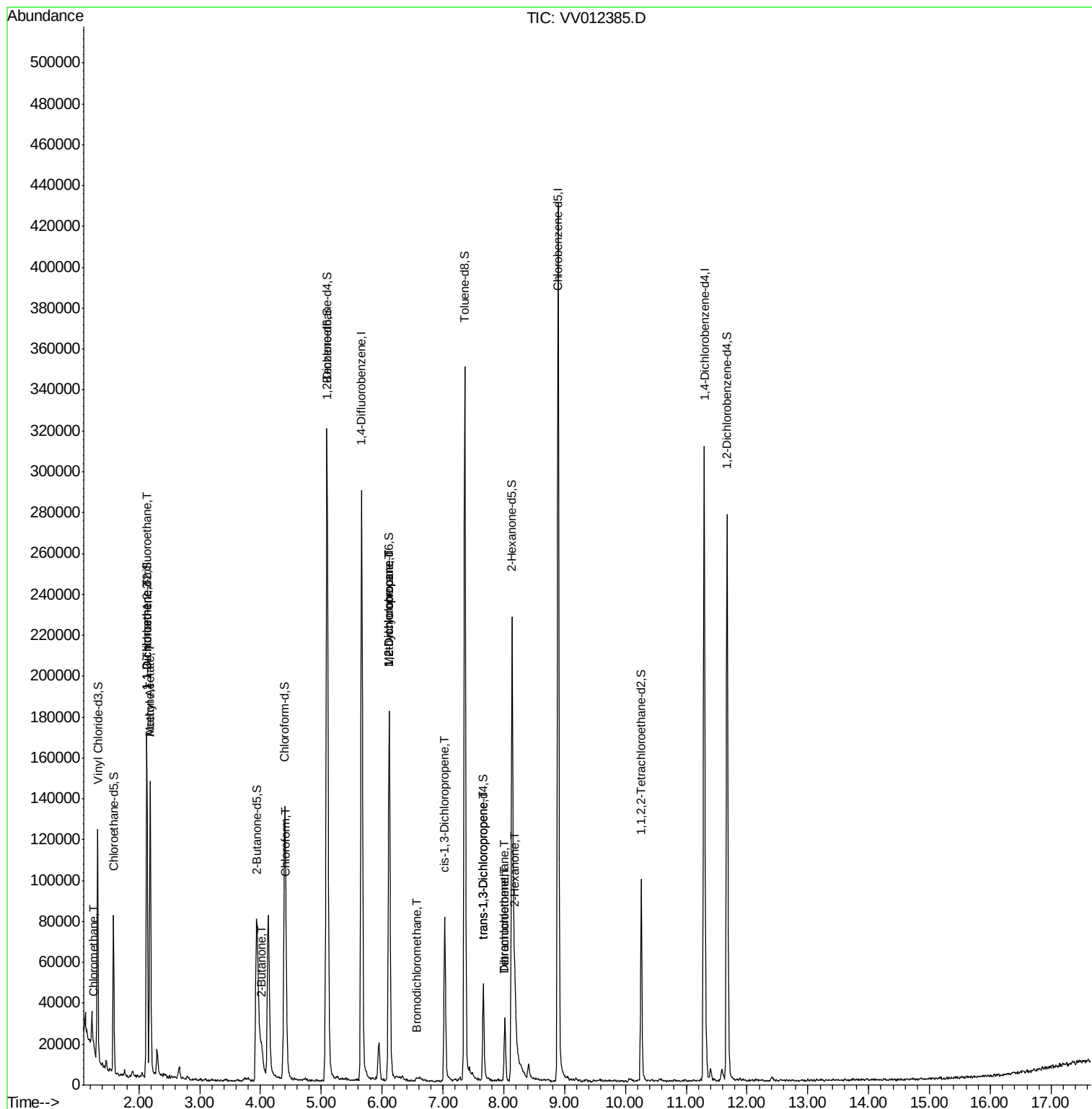
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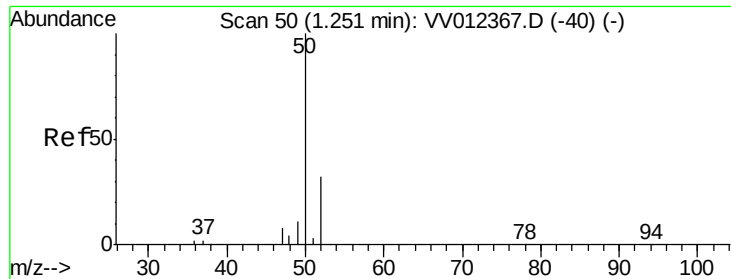
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VV012385.D

Acq: 24 Aug 2019 01:03

Instrument :

MSVOA_V

ClientSampleId :

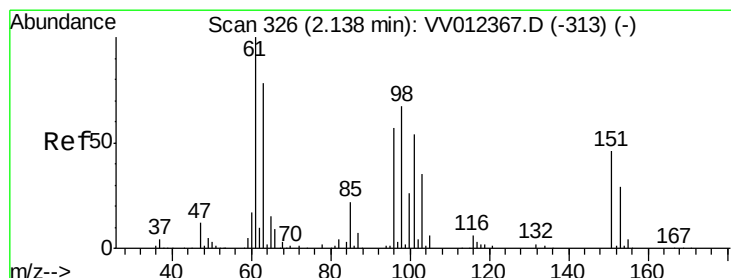
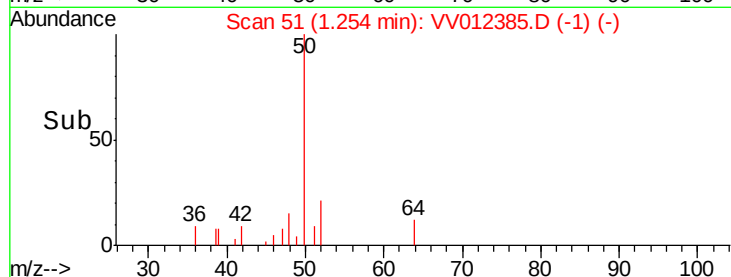
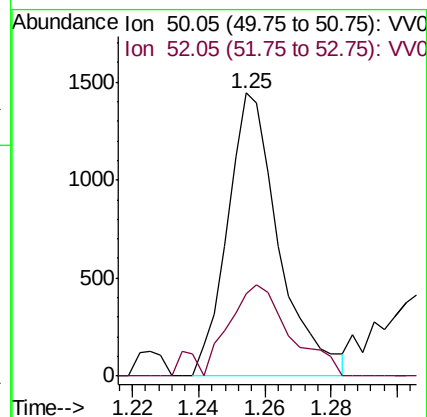
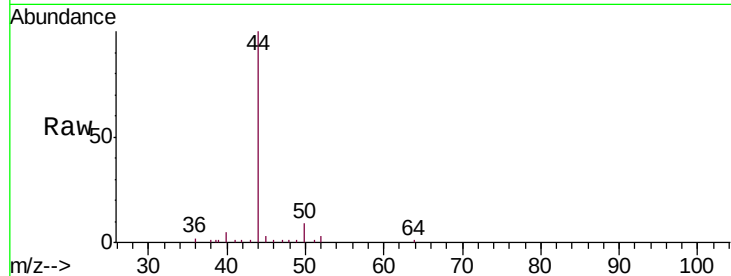
GANK7

Tgt Ion: 50 Resp: 1559

Ion Ratio Lower Upper

50 100

52 29.2 22.2 41.2



#10

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

Concen: 0.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012385.D

Acq: 24 Aug 2019 01:03

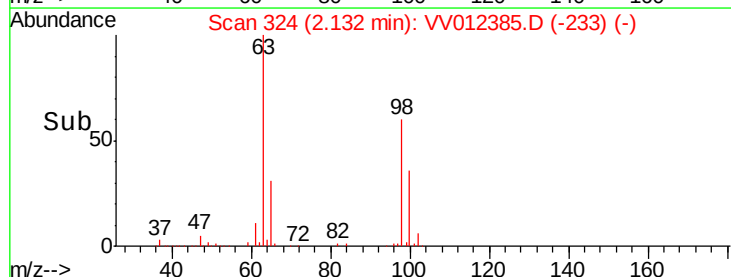
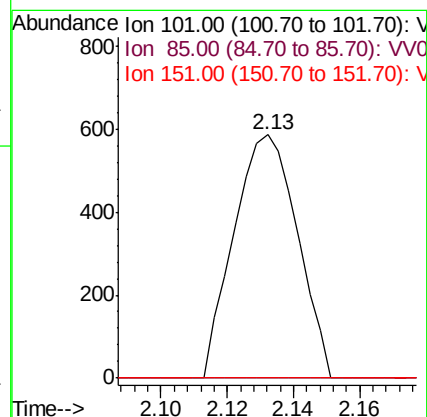
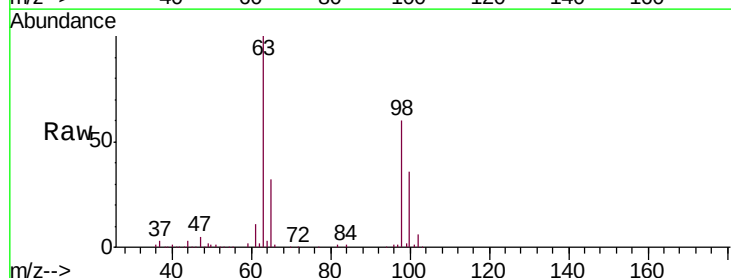
Tgt Ion: 101 Resp: 781

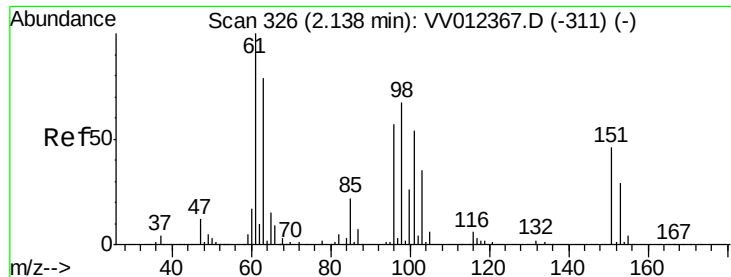
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 71.2 106.8#

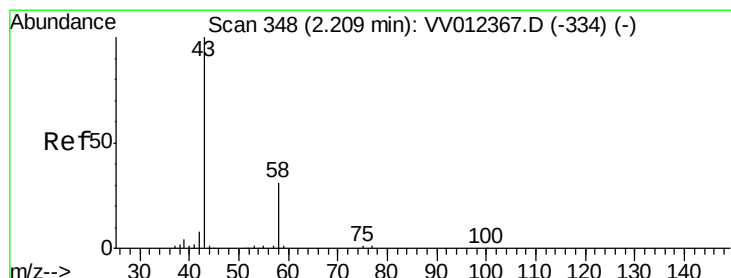
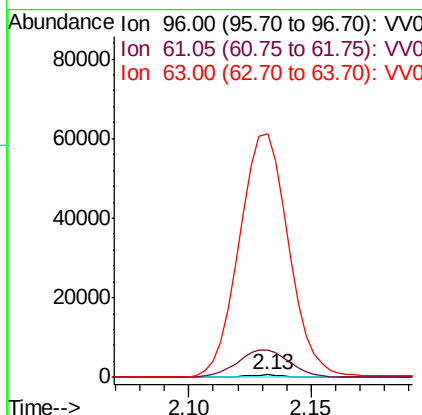
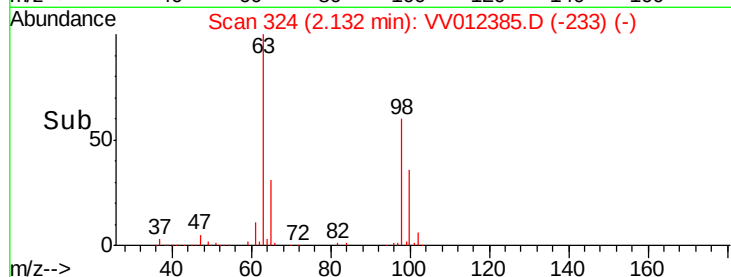
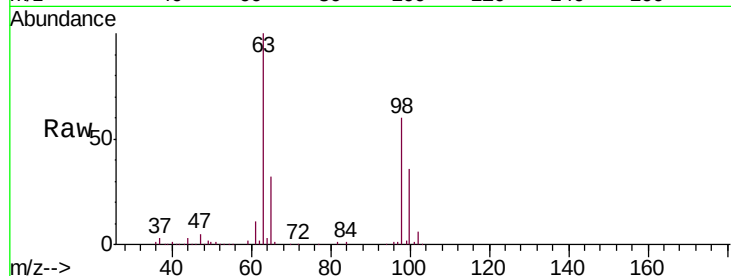




#12
 1,1-Dichloroethene
 Concen: 0.087 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012385.D
 Acq: 24 Aug 2019 01:03

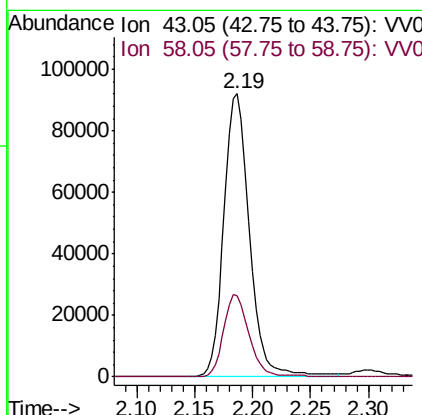
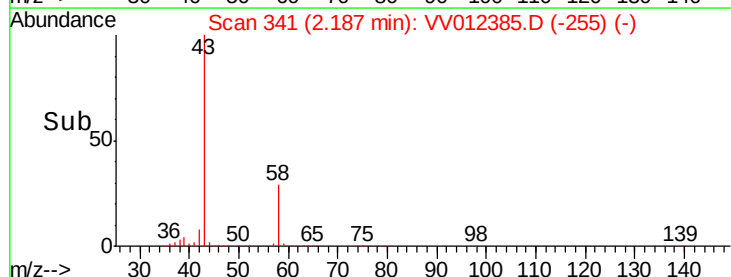
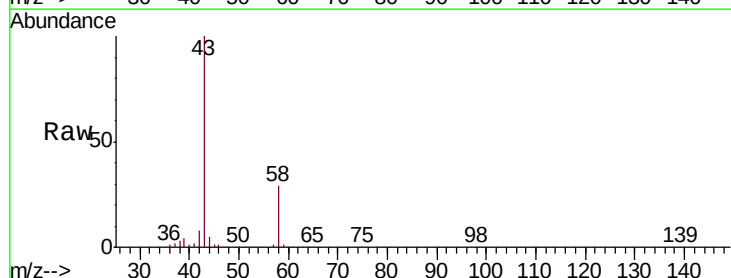
Instrument :
 MSVOA_V
 ClientSampleId :
 GANK7

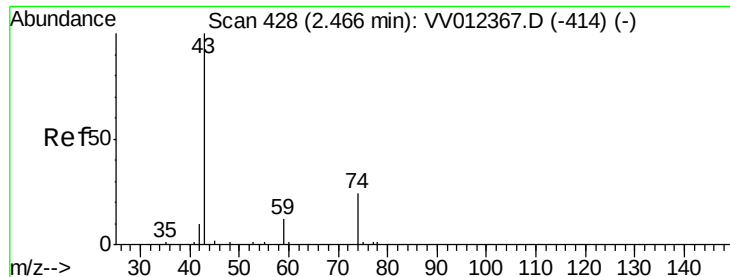
Tgt Ion: 96 Resp: 849
 Ion Ratio Lower Upper
 96 100
 61 1130.9 122.3 227.1#
 63 9946.0 90.6 168.2#



#13
 Acetone
 Concen: 99.931 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV012385.D
 Acq: 24 Aug 2019 01:03

Tgt Ion: 43 Resp: 140910
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 62.8

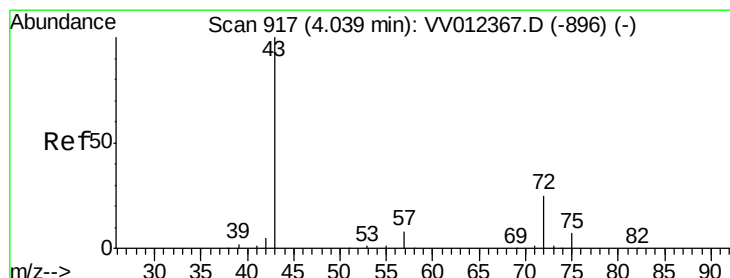
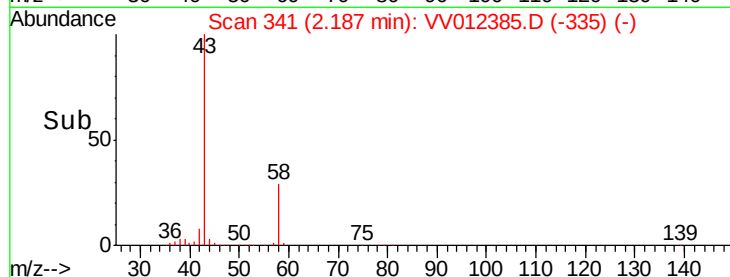
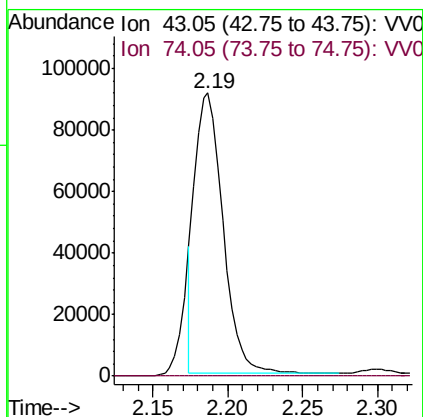
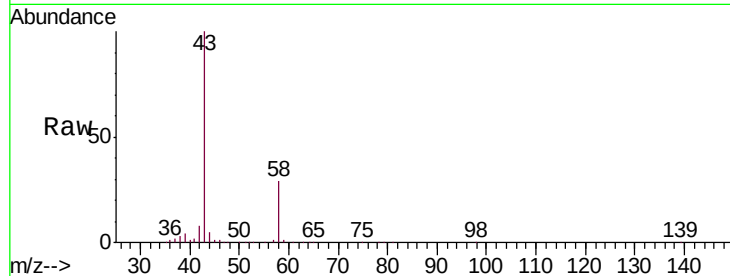




#15
Methyl Acetate
Concen: 33.357 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.28 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

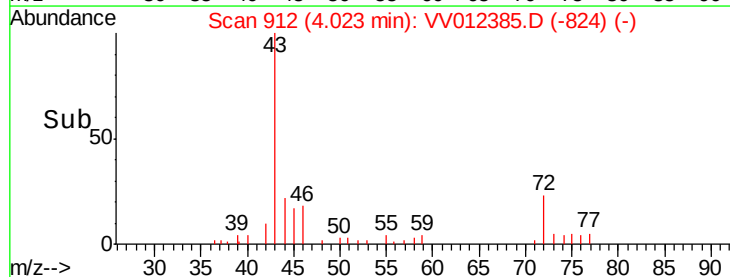
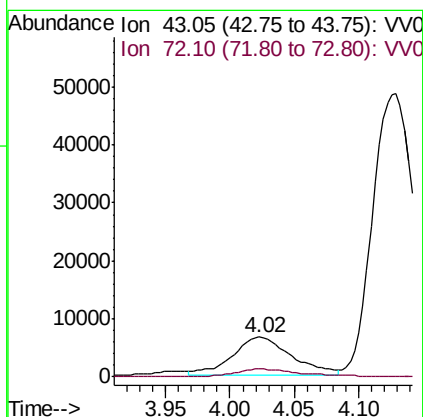
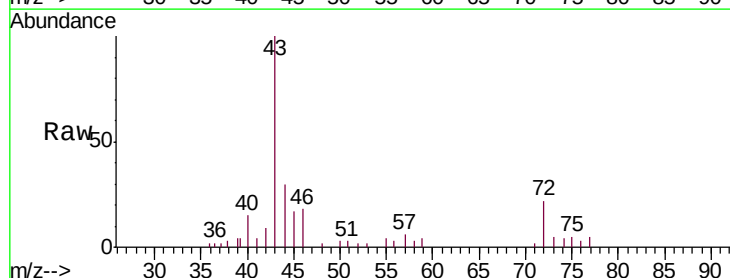
Instrument :
MSVOA_V
ClientSampleId :
GANK7

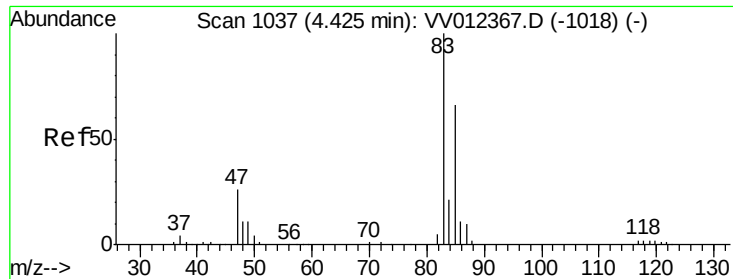
Tgt Ion: 43 Resp: 118399
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.6#



#21
2-Butanone
Concen: 6.336 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.02 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

Tgt Ion: 43 Resp: 20985
Ion Ratio Lower Upper
43 100
72 19.1 12.2 36.6

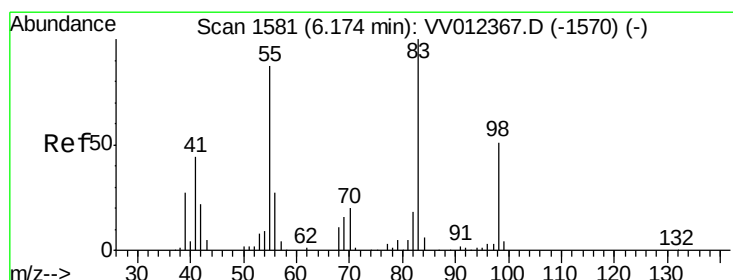
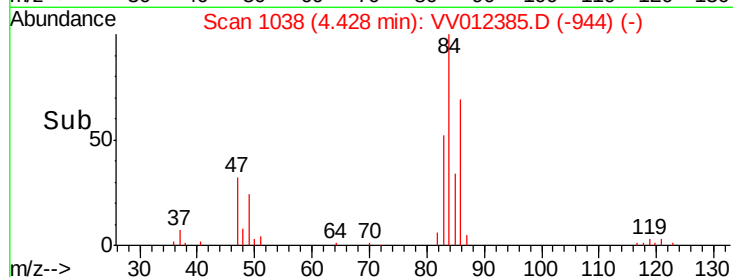
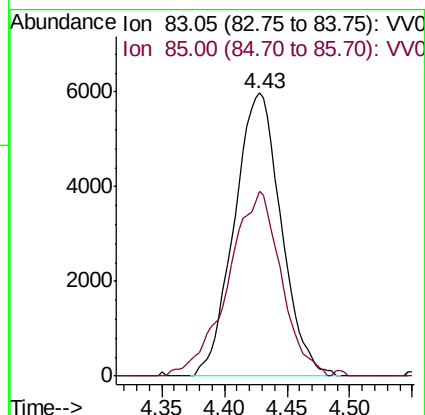
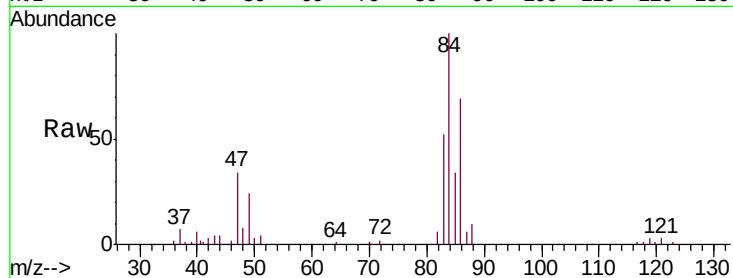




#25
Chloroform
Concen: 0.520 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

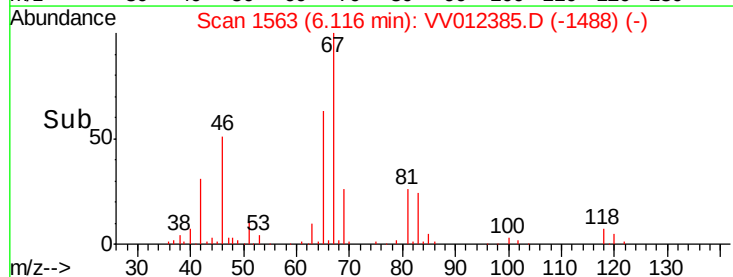
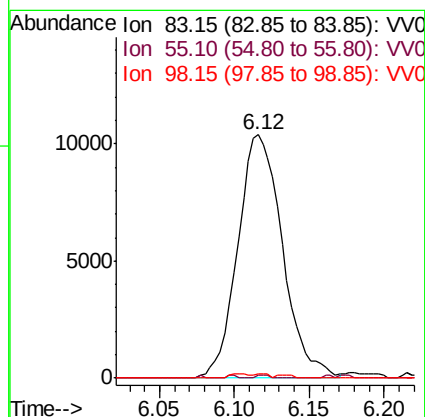
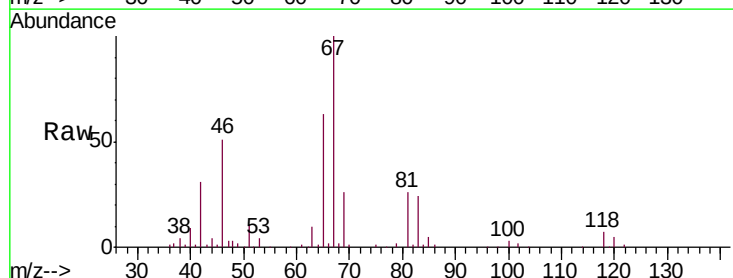
Instrument :
MSVOA_V
ClientSampleId :
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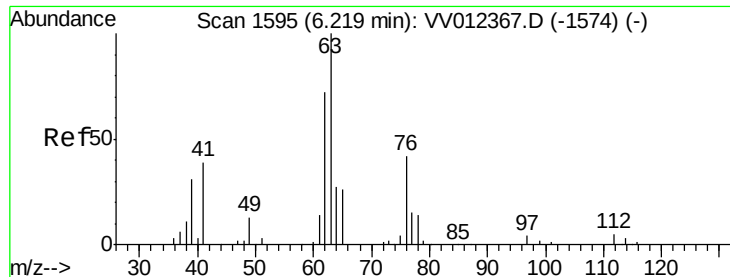
Tgt Ion: 83 Resp: 15568
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8



#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

Tgt Ion: 83 Resp: 21588
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.0 39.0 58.4#

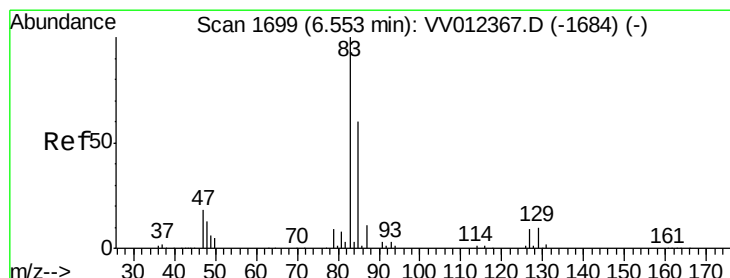
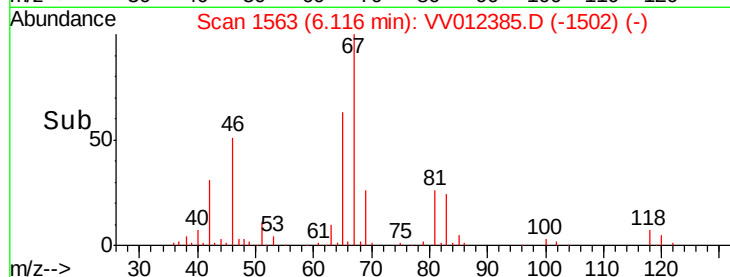
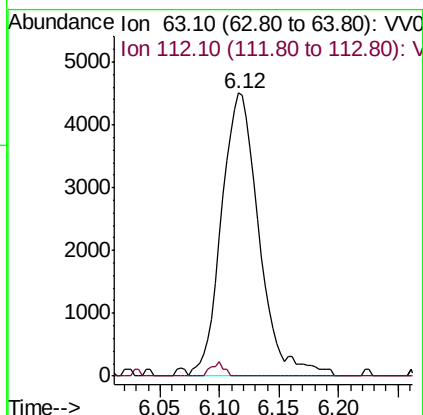
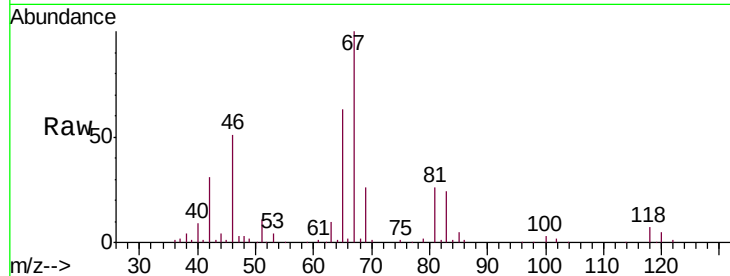




#37
 1,2-Dichloropropane
 Concen: 0.640 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012385.D
 Acq: 24 Aug 2019 01:03

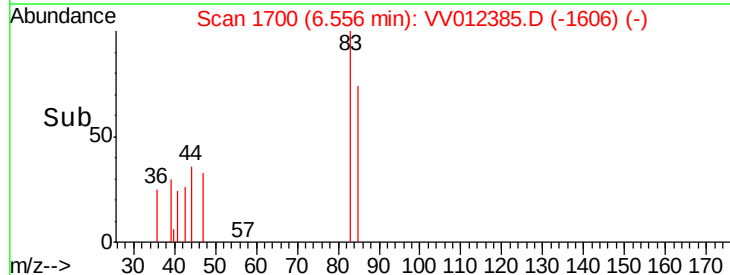
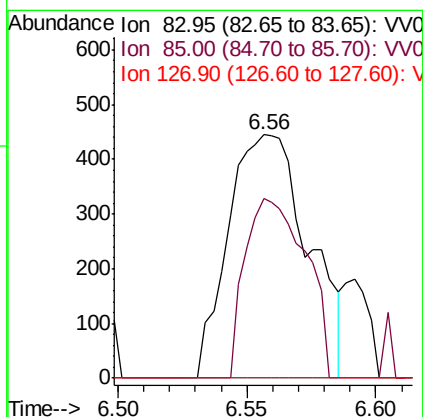
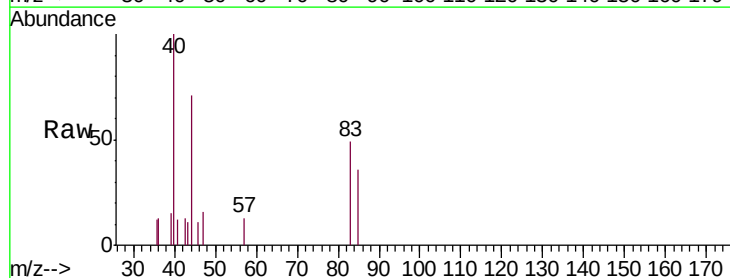
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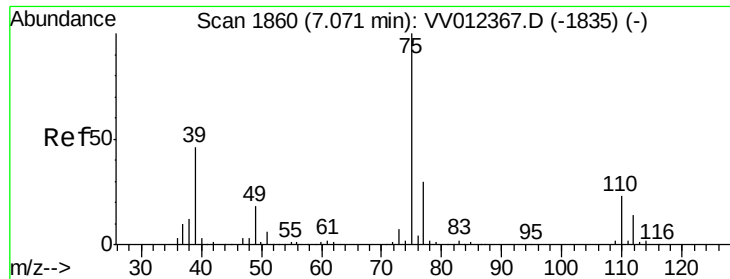
Tgt Ion: 63 Resp: 9878
 Ion Ratio Lower Upper
 63 100
 112 1.7 4.2 6.2#



#38
 Bromodichloromethane
 Concen: 0.051 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV012385.D
 Acq: 24 Aug 2019 01:03

Tgt Ion: 83 Resp: 962
 Ion Ratio Lower Upper
 83 100
 85 73.7 45.0 83.6
 127 0.0 7.7 11.5#

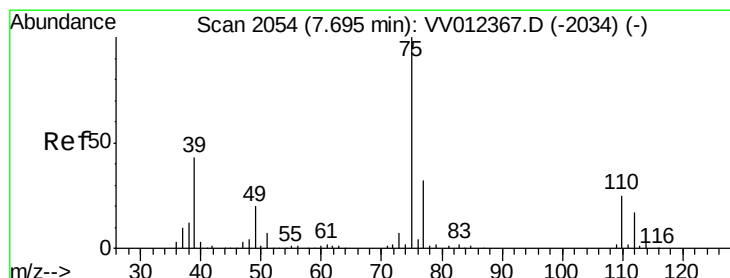
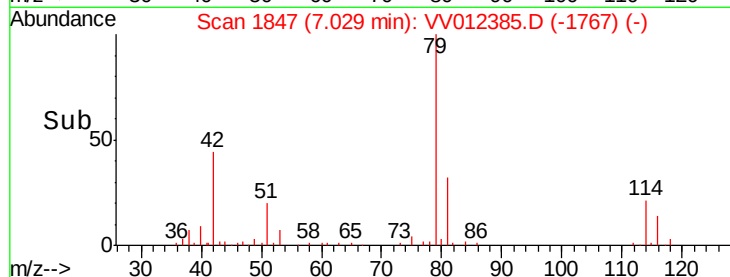
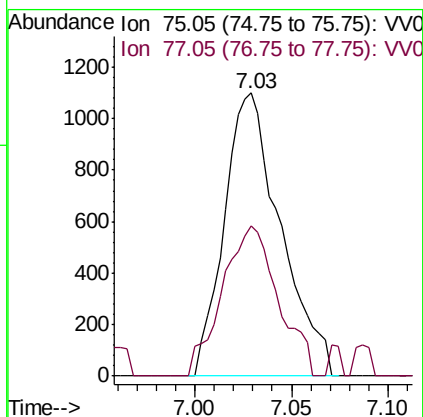
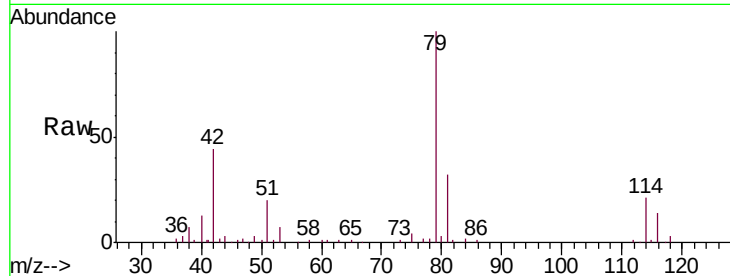




#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

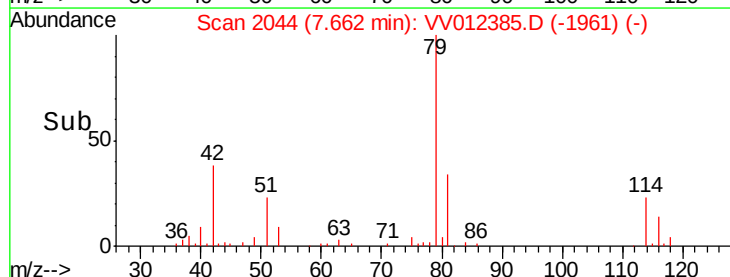
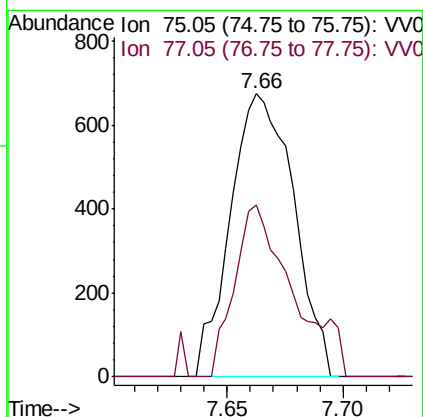
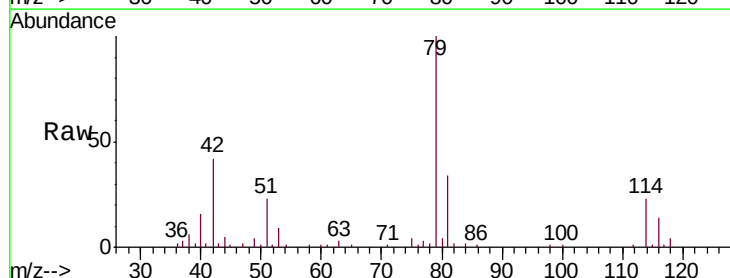
Instrument :
MSVOA_V
ClientSampled :
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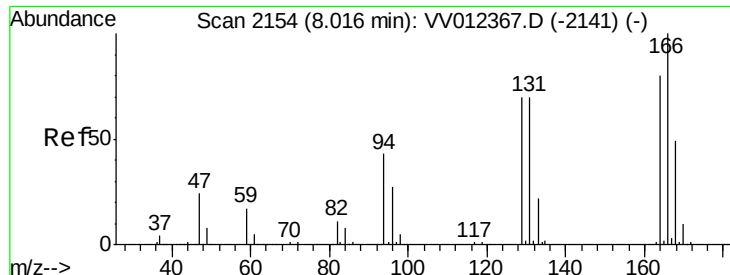
Tgt Ion: 75 Resp: 2220
Ion Ratio Lower Upper
75 100
77 53.0 23.2 43.2#



#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012385.D
Acq: 24 Aug 2019 01:03

Tgt Ion: 75 Resp: 1279
Ion Ratio Lower Upper
75 100
77 61.0 22.6 42.0#





#47

Tetrachloroethene

Concen: 0.560 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012385.D

Acq: 24 Aug 2019 01:03

Instrument :

MSVOA_V

ClientSampleId :

GANK7

Tgt Ion:164 Resp: 7432

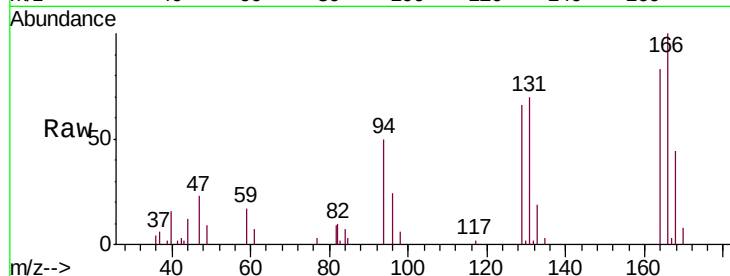
Ion Ratio Lower Upper

164 100

129 78.7 60.6 112.6

131 83.6 58.8 109.2

166 120.0 87.6 162.8

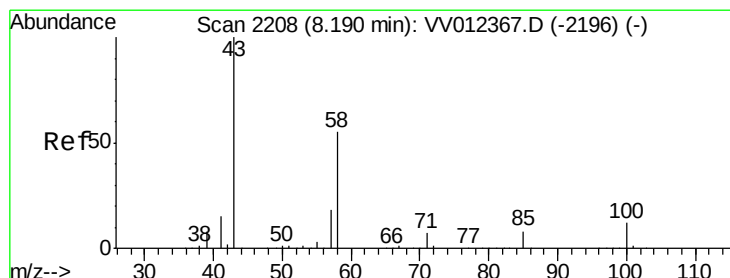
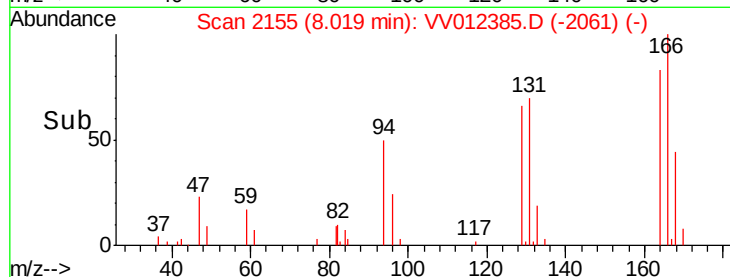
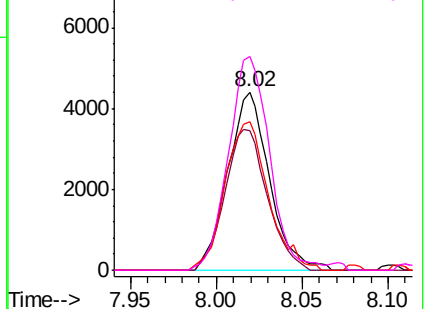


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.055 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.01 min

Lab File: VV012385.D

Acq: 24 Aug 2019 01:03

Tgt Ion: 43 Resp: 18218

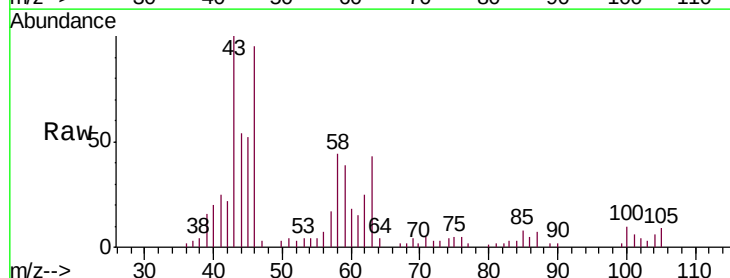
Ion Ratio Lower Upper

43 100

58 39.0 46.3 69.5#

57 8.9 14.9 22.3#

100 10.6 9.7 14.5

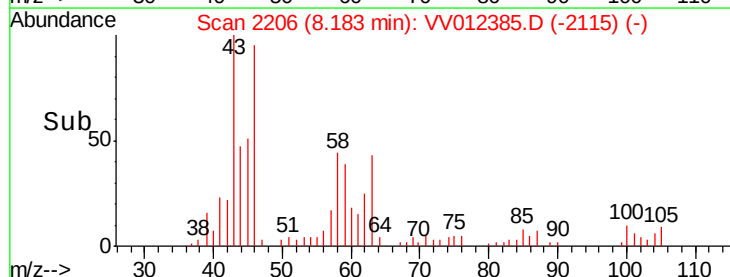
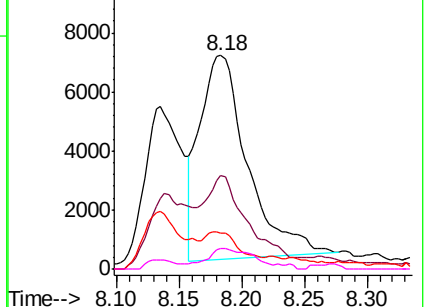


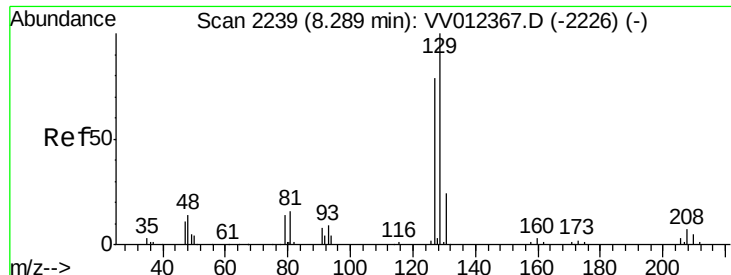
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49
 Dibromochloromethane
 Concen: 0.479 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012385.D
 Acq: 24 Aug 2019 01:03

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK7

Tgt Ion:129 Resp: 5739
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 99.8#

