

Data File : VV012382.D
Acq On : 23 Aug 2019 23:41
Operator : SY/MD
Sample : K4500-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK4

Quant Time: Aug 26 08:06:44 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	244037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	245051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93951	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67809	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.58	69	48014	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	87192	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.93	46	112940	34.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.72%
24) Chloroform-d	4.40	84	129616	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	69324	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	286383	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	87544	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	234123	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.67	79	25398	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.13	63	71615	33.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48509	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	79987	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	1646	0.103	ug/L	90
6) Bromomethane	1.53	94	583	0.082	ug/L	76
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	901	0.084	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	792	0.081	ug/L #	1
13) Acetone	2.18	43	122303	86.005	ug/L	97
15) Methyl Acetate	2.30	43	3887	1.086	ug/L #	49
21) 2-Butanone	4.03	43	18422	5.516	ug/L	96
25) Chloroform	4.43	83	13082	0.433	ug/L	96
34) Trichloroethene	5.96	95	1876	0.111	ug/L	95
35) Methylcyclohexane	6.12	83	20698	0.781	ug/L #	18
39) cis-1,3-Dichloropropene	7.03	75	1926	0.090	ug/L #	69
45) 1,1,2-Trichloroethane	8.02	97	4685	0.457	ug/L #	1
47) Tetrachloroethene	8.02	164	562426	41.332	ug/L	97
48) 2-Hexanone	8.18	43	18538	3.029	ug/L #	72
49) Dibromochloromethane	8.02	129	476603	38.771	ug/L #	11

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

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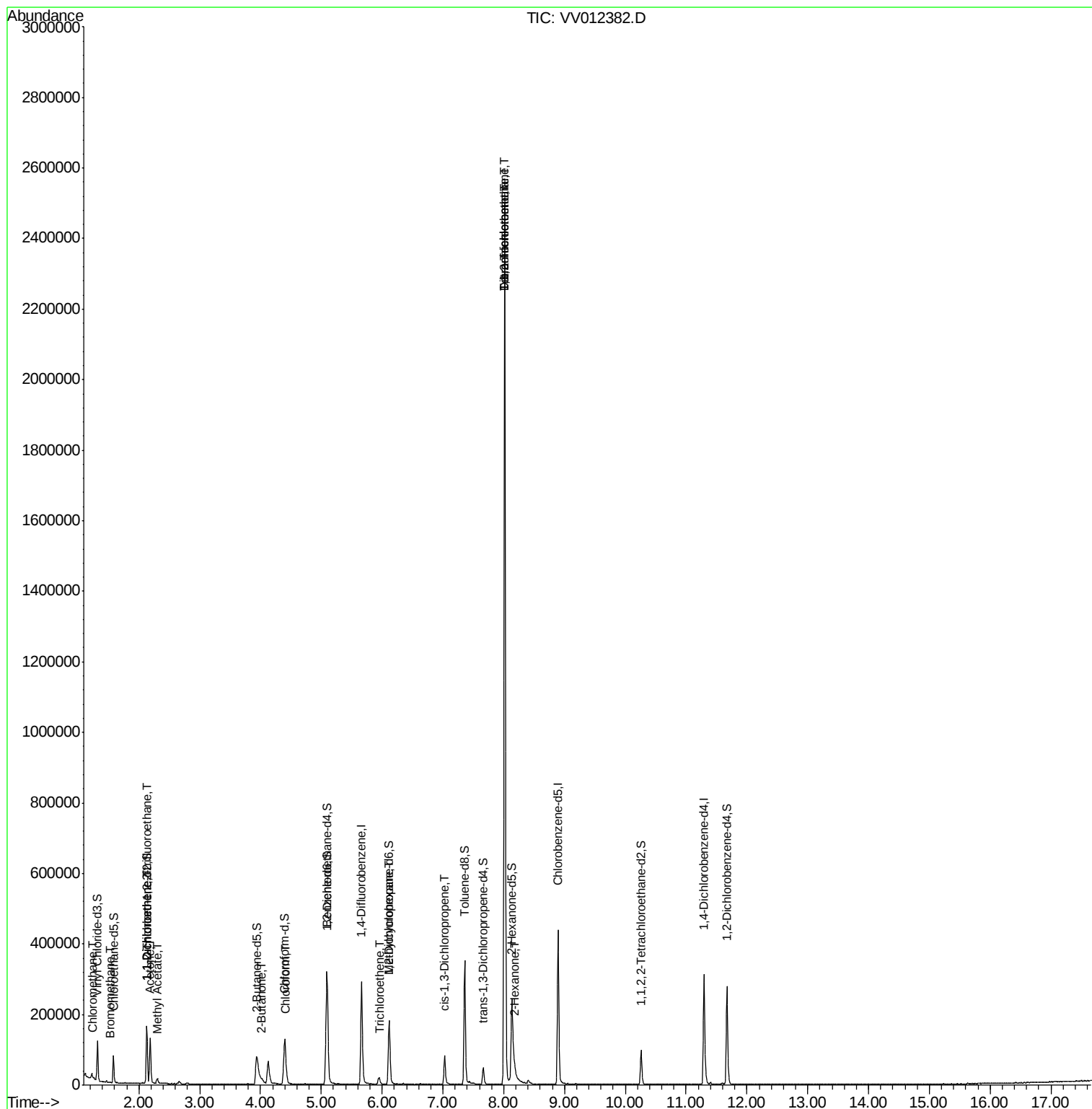
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

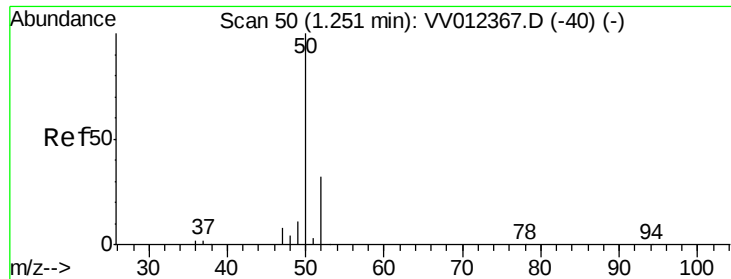
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.103 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

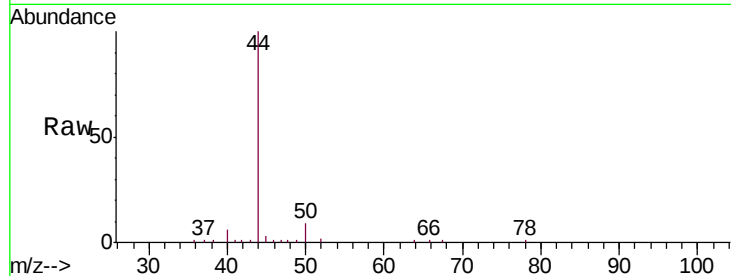
GANK4

Tgt Ion: 50 Resp: 1646

Ion Ratio Lower Upper

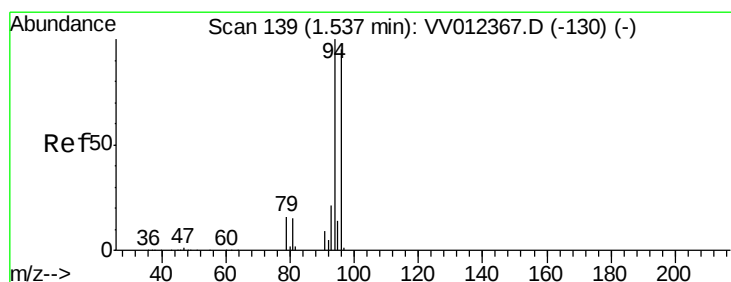
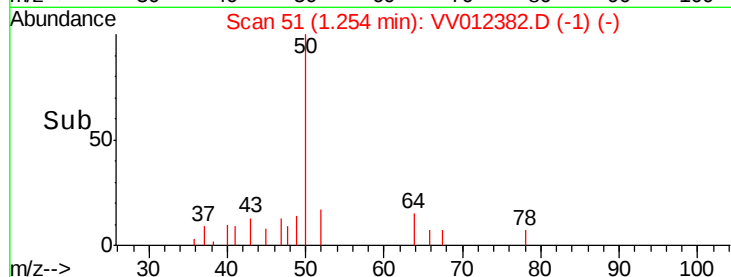
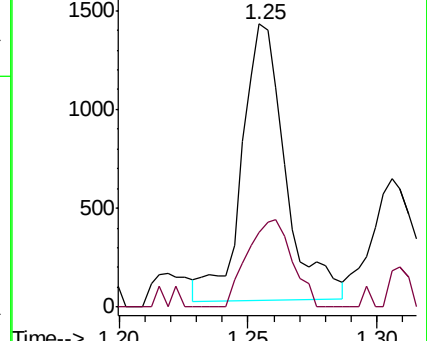
50 100

52 26.3 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV012367.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV012367.D (-40) (-)



#6

Bromomethane

Concen: 0.082 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012382.D

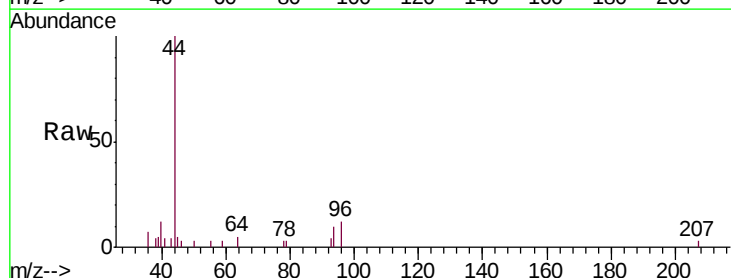
Acq: 23 Aug 2019 23:41

Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

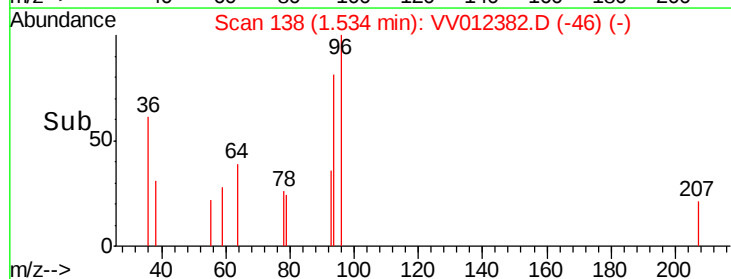
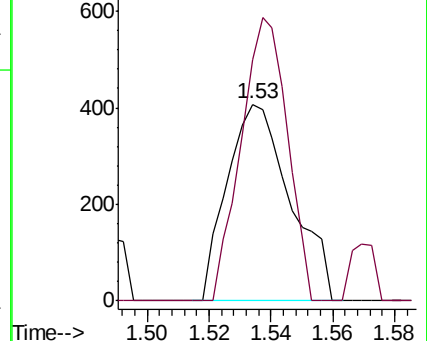
94 100

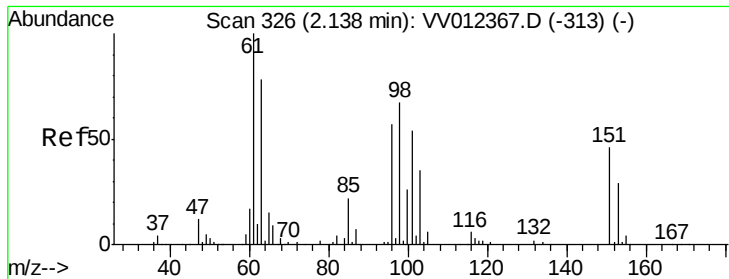
96 123.1 69.2 128.6



Abundance Ion 94.00 (93.70 to 94.70): VV012367.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV012367.D (-130) (-)





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

GANK4

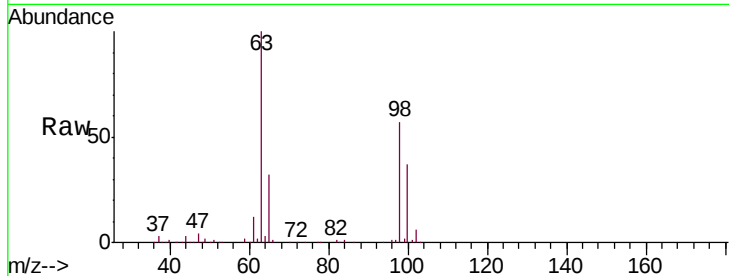
Tgt Ion: 101 Resp: 901

Ion Ratio Lower Upper

101 100

85 2.2 34.6 51.8#

151 0.0 71.2 106.8#



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

2.13

600

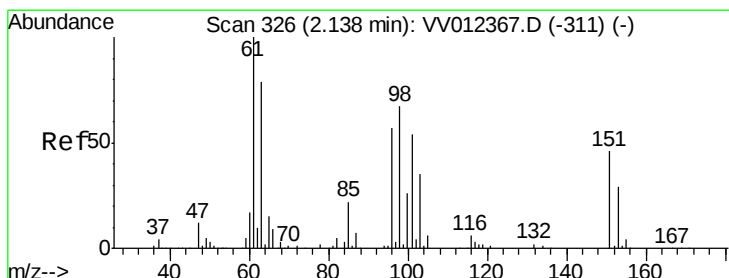
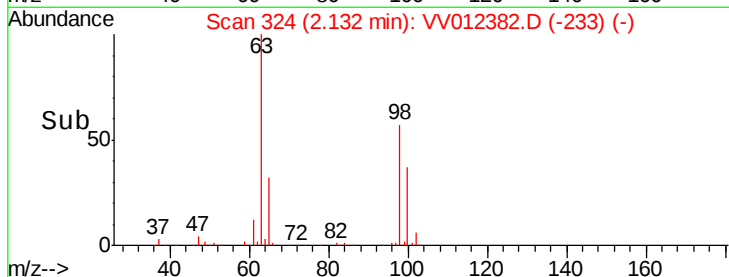
400

200

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

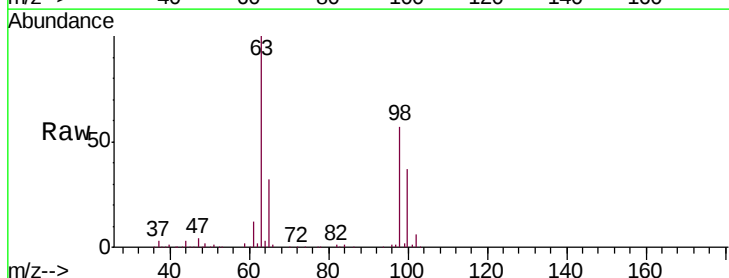
Tgt Ion: 96 Resp: 792

Ion Ratio Lower Upper

96 100

61 1062.8 122.3 227.1#

63 8802.3 90.6 168.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

80000

60000

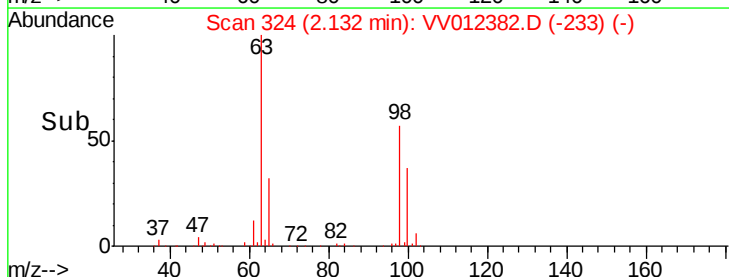
40000

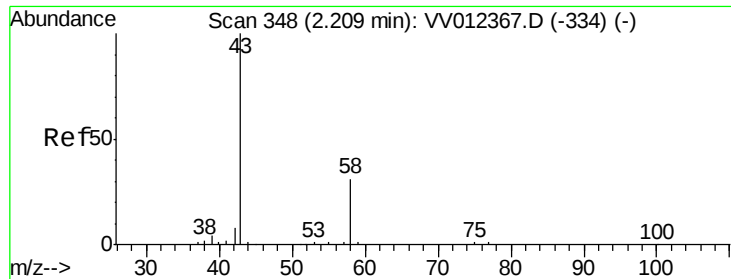
20000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 86.005 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.03 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

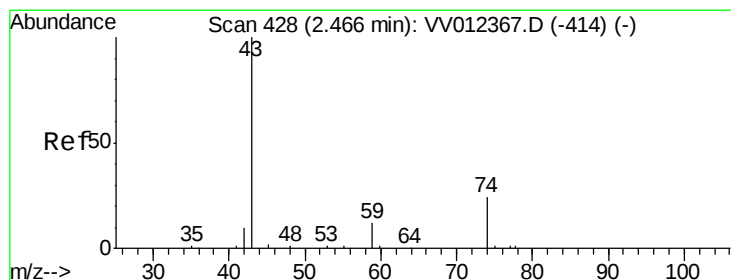
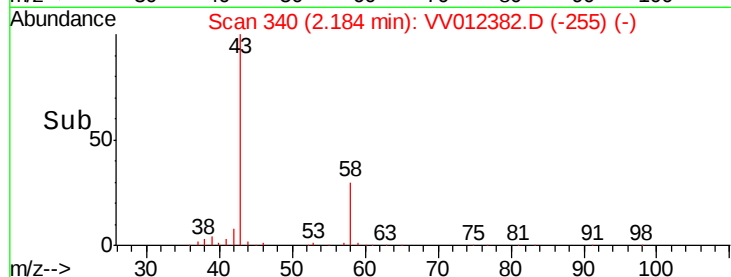
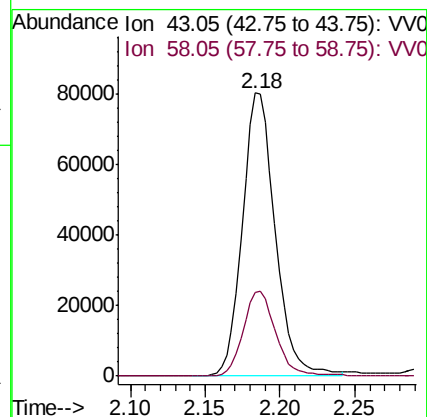
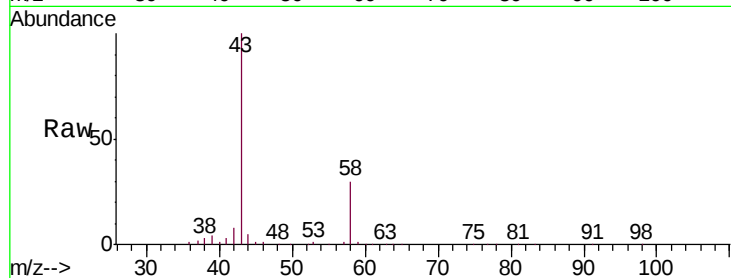
GANK4

Tgt Ion: 43 Resp: 122303

Ion Ratio Lower Upper

43 100

58 29.9 0.0 62.8



#15

Methyl Acetate

Concen: 1.086 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV012382.D

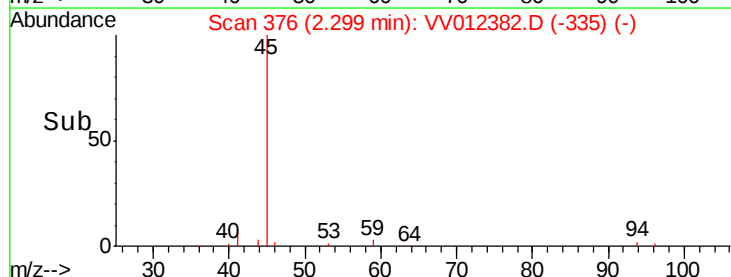
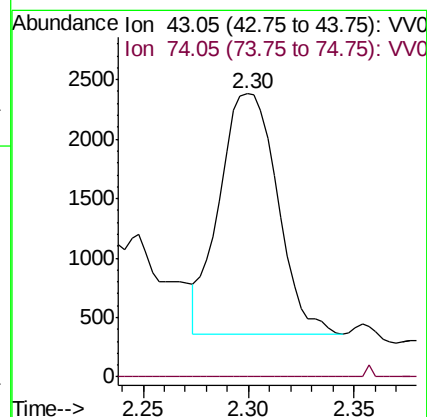
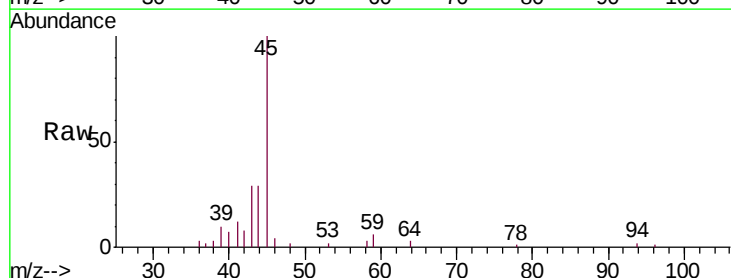
Acq: 23 Aug 2019 23:41

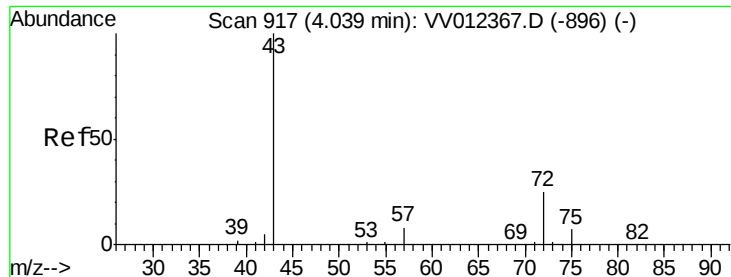
Tgt Ion: 43 Resp: 3887

Ion Ratio Lower Upper

43 100

74 0.5 21.8 32.6#





#21

2-Butanone

Concen: 5.516 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.01 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

Instrument :

MSVOA_V

ClientSampleId :

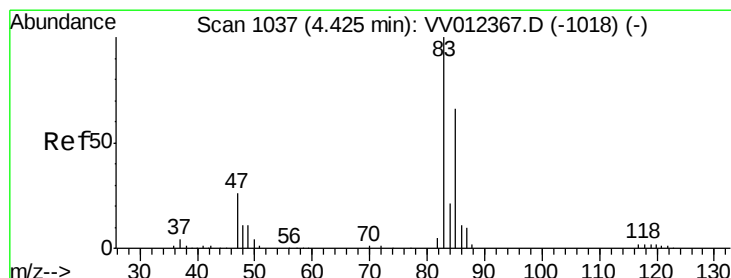
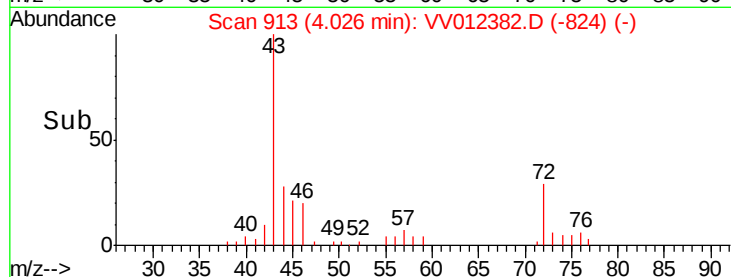
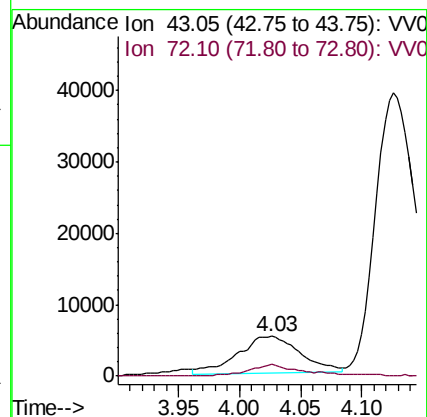
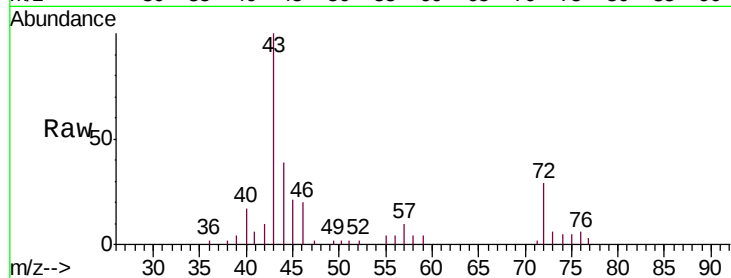
GANK4

Tgt Ion: 43 Resp: 18422

Ion Ratio Lower Upper

43 100

72 26.3 12.2 36.6



#25

Chloroform

Concen: 0.433 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012382.D

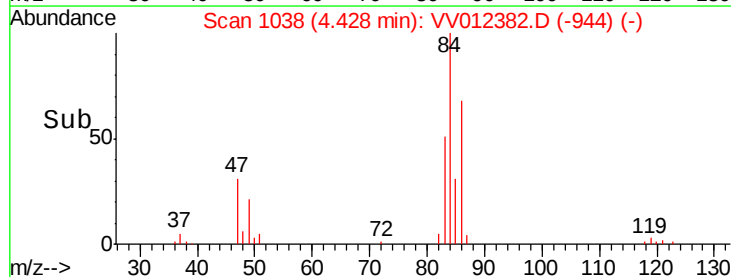
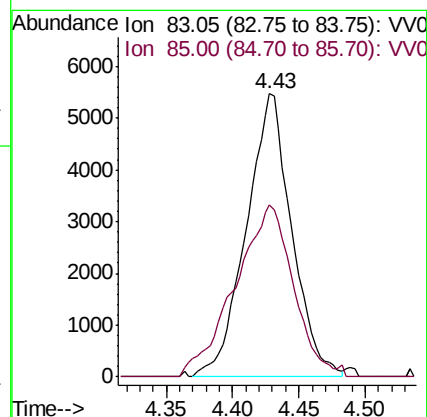
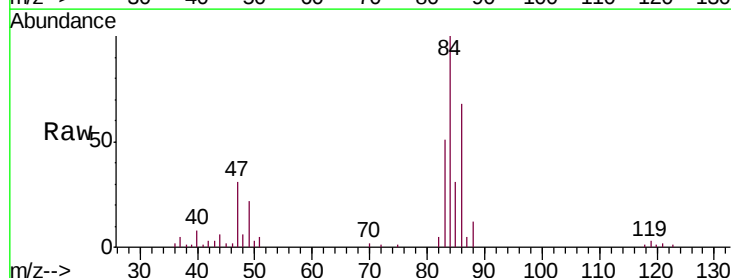
Acq: 23 Aug 2019 23:41

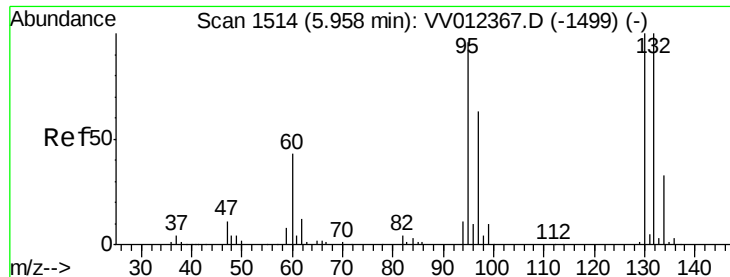
Tgt Ion: 83 Resp: 13082

Ion Ratio Lower Upper

83 100

85 60.7 44.6 82.8





#34

Trichloroethene

Concen: 0.111 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

Instrument :

MSVOA_V

ClientSampled :

GANK4

Tgt Ion: 95 Resp: 1876

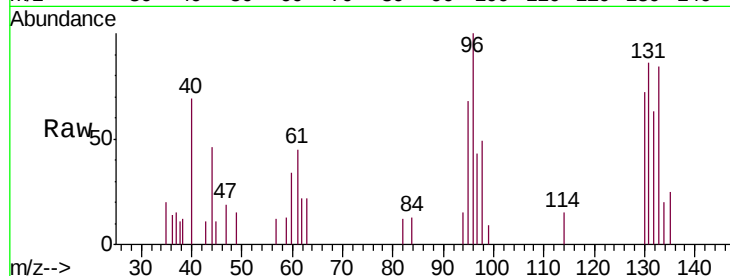
Ion Ratio Lower Upper

95 100

97 62.2 46.3 86.1

132 91.9 70.3 130.7

130 104.8 72.4 134.5

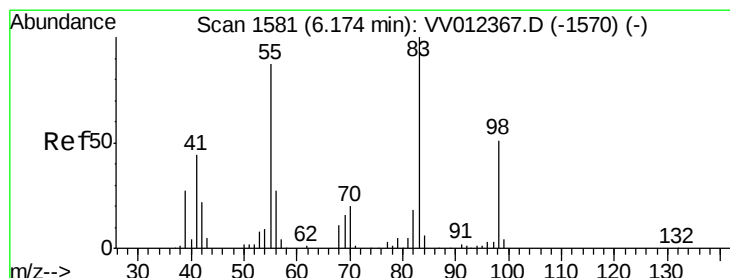
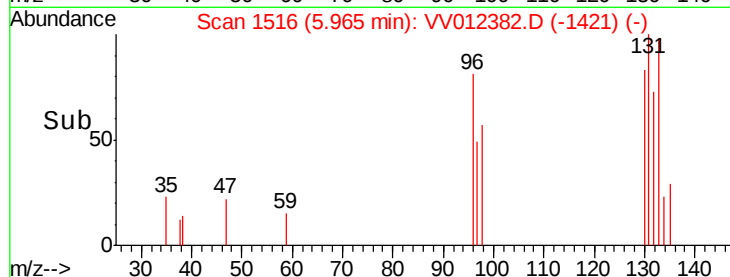
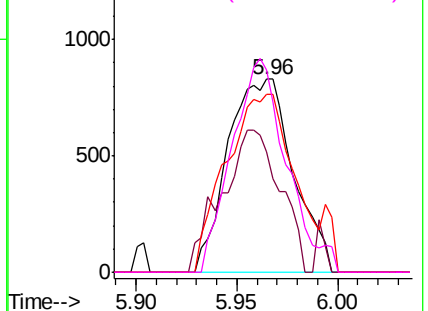


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.781 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012382.D

Acq: 23 Aug 2019 23:41

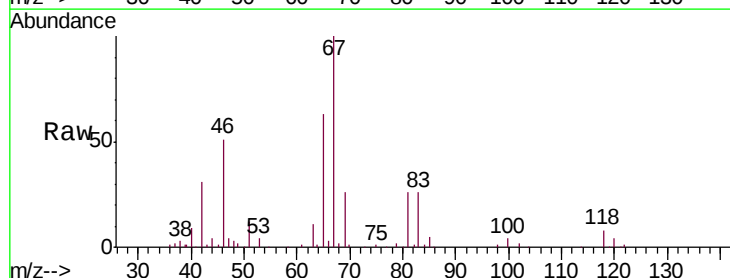
Tgt Ion: 83 Resp: 20698

Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

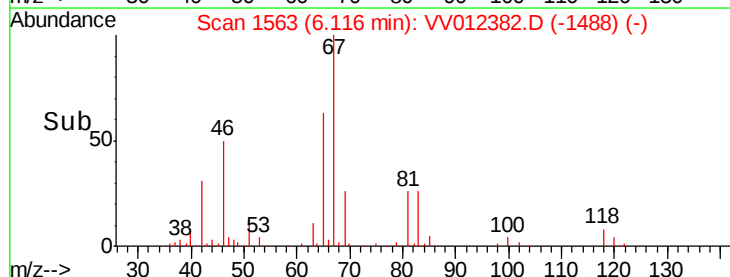
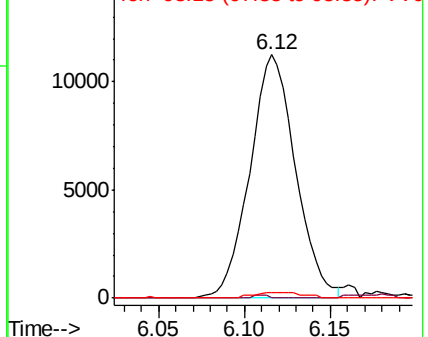
98 2.4 39.0 58.4#

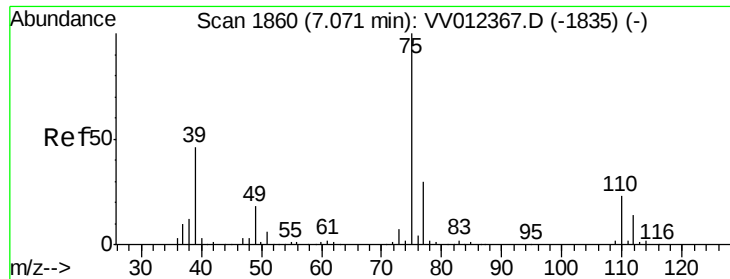


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

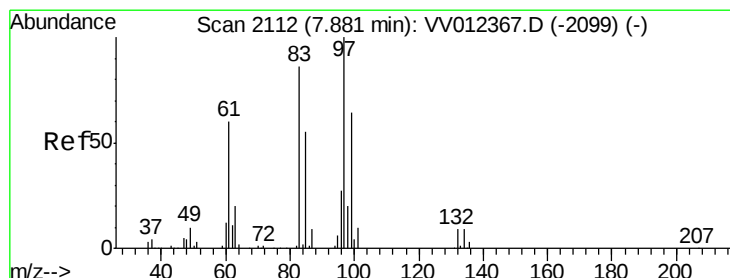
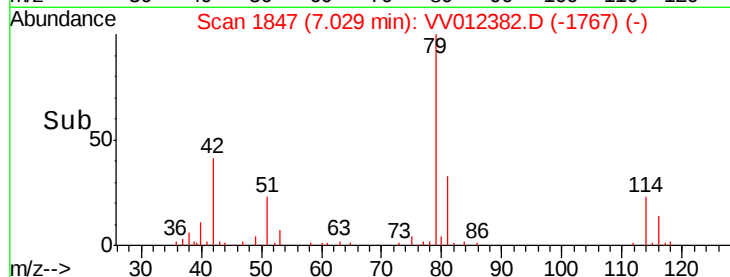
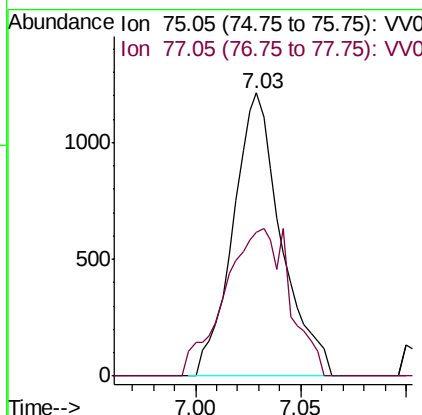
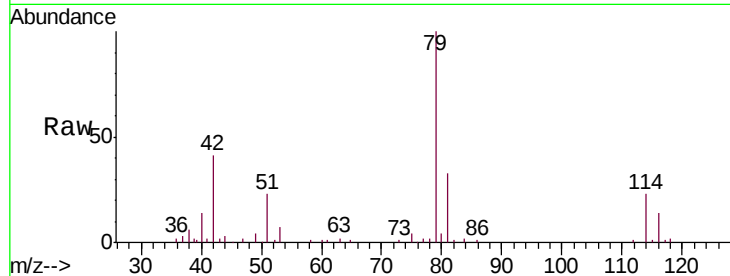




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012382.D
 Acq: 23 Aug 2019 23:41

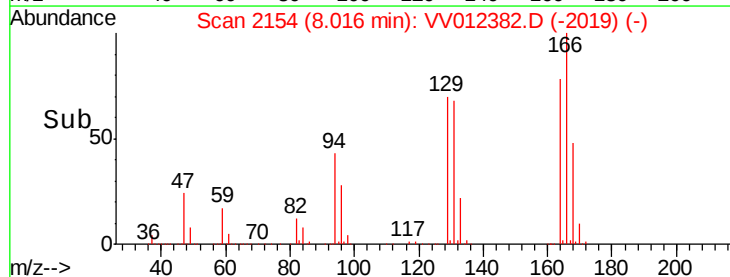
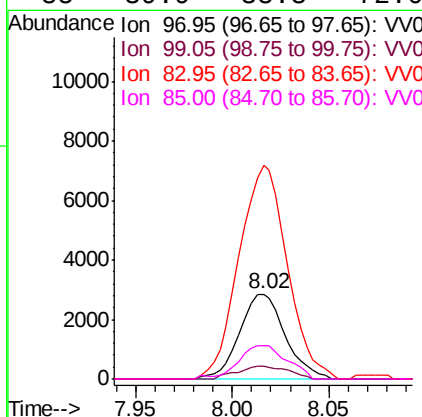
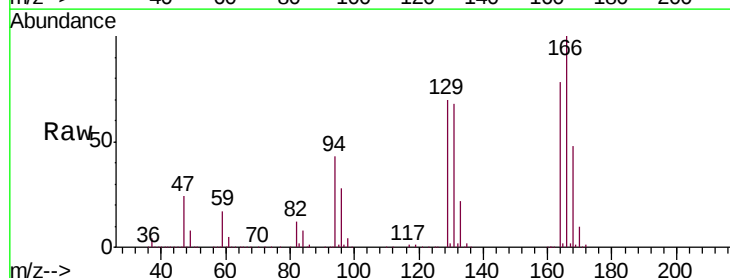
Instrument :
 MSVOA_V
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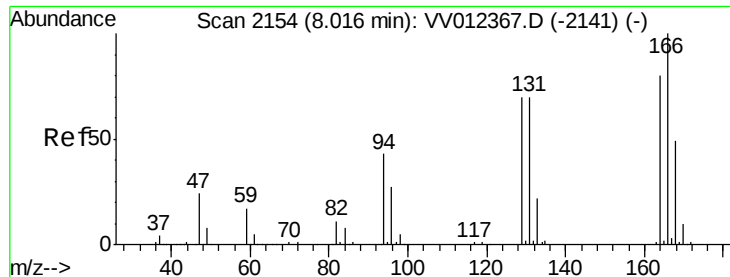
Tgt Ion: 75 Resp: 1926
 Ion Ratio Lower Upper
 75 100
 77 50.7 23.2 43.2#



#45
 1,1,2-Trichloroethane
 Concen: 0.457 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.14 min
 Lab File: VV012382.D
 Acq: 23 Aug 2019 23:41

Tgt Ion: 97 Resp: 4685
 Ion Ratio Lower Upper
 97 100
 99 14.8 45.0 83.6#
 83 251.9 59.3 110.1#
 85 39.9 38.8 72.0

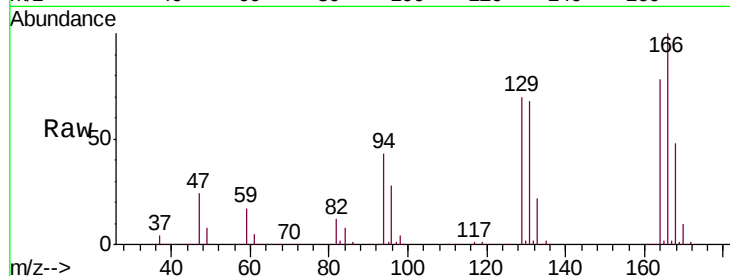




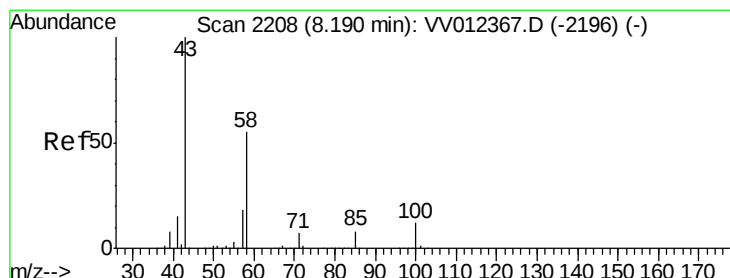
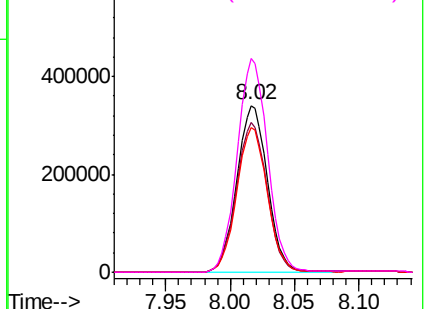
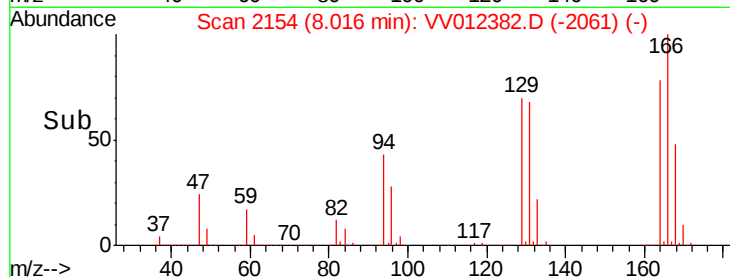
#47
Tetrachloroethene
Concen: 41.332 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012382.D
Acq: 23 Aug 2019 23:41

Instrument :
MSVOA_V
ClientSampleId :
GANK4

Tgt Ion:164 Resp: 562426
Ion Ratio Lower Upper
164 100
129 89.7 60.6 112.6
131 87.1 58.8 109.2
166 128.3 87.6 162.8

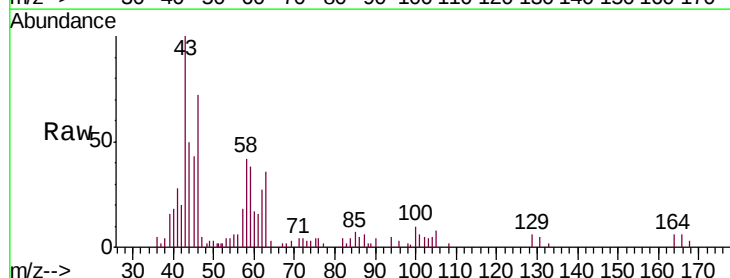


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

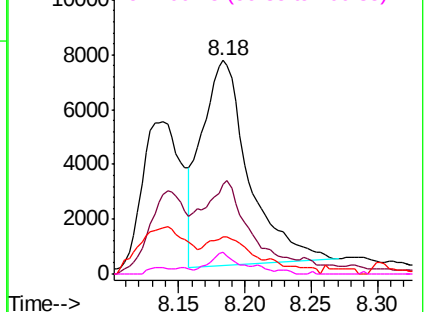
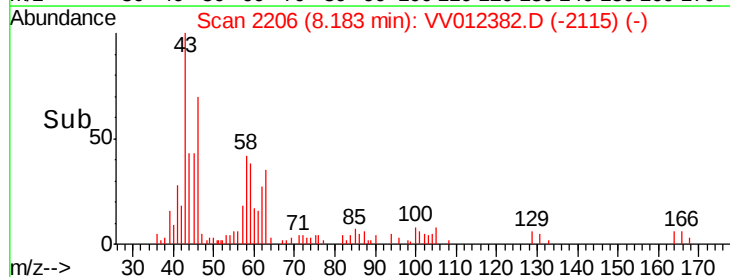


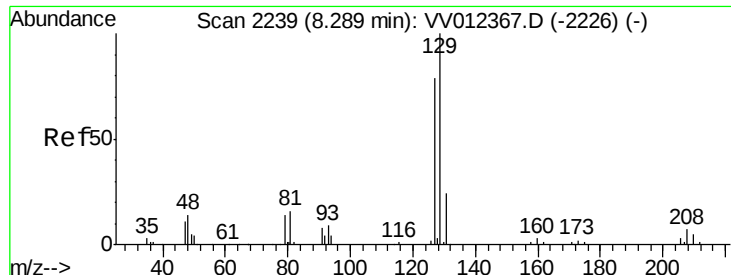
#48
2-Hexanone
Concen: 3.029 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012382.D
Acq: 23 Aug 2019 23:41

Tgt Ion: 43 Resp: 18538
Ion Ratio Lower Upper
43 100
58 30.7 46.3 69.5#
57 20.8 14.9 22.3
100 4.1 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: 38.771 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.27 min
 Lab File: VV012382.D
 Acq: 23 Aug 2019 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK4

Tgt Ion:129 Resp: 476603
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 99.8#

