

Data File : VV012380.D
Acq On : 23 Aug 2019 22:46
Operator : SY/MD
Sample : K4500-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK2

Quant Time: Aug 26 08:06:18 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	253428	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	259822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	102591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69236	5.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.40%
7) Chloroethane-d5	1.58	69	47815	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	87477	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.93	46	129653	37.98	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.96%
24) Chloroform-d	4.40	84	129978	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	71385	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	287101	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	89868	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	238592	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.66	79	29015	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.13	63	88967	39.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56521	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	85871	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	1470	0.088 ug/L	87
6) Bromomethane	1.53	94	674	0.091 ug/L	73
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1046	0.093 ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1123	0.110 ug/L #	1
13) Acetone	2.19	43	39272	26.593 ug/L	94
15) Methyl Acetate	2.66	43	2575	0.693 ug/L #	51
22) cis-1,2-Dichloroethene	3.96	96	1802	0.109 ug/L	92
25) Chloroform	4.43	83	15214	0.485 ug/L	96
34) Trichloroethene	5.96	95	6052	0.338 ug/L	90
35) Methylcyclohexane	6.12	83	21172	0.754 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9760	0.581 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1314	0.077 ug/L	85
45) 1,1,2-Trichloroethane	8.02	97	42385	3.897 ug/L #	1
47) Tetrachloroethene	8.02	164	5037556	349.161 ug/L	97
48) 2-Hexanone	8.18	43	14580	2.247 ug/L #	80
49) Dibromochloromethane	8.02	129	4435462	340.307 ug/L #	11

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

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QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

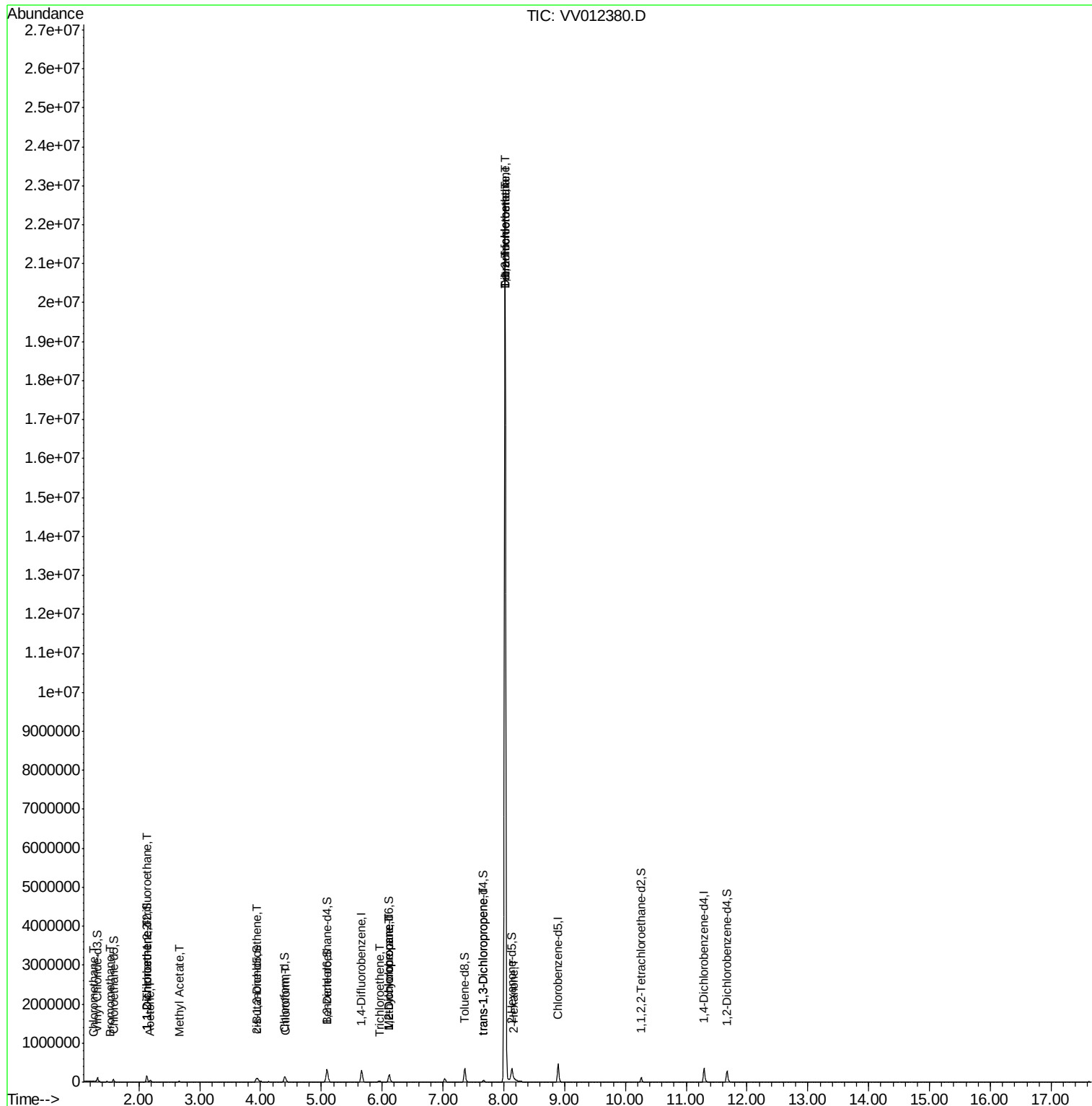
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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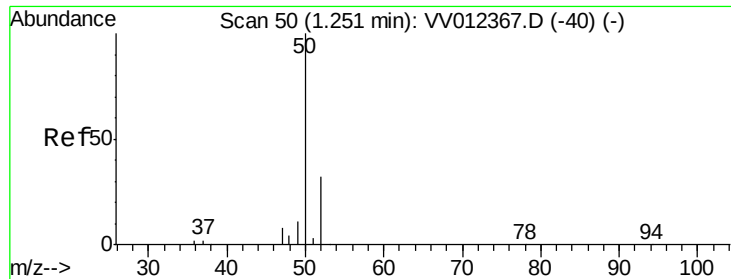
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.088 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

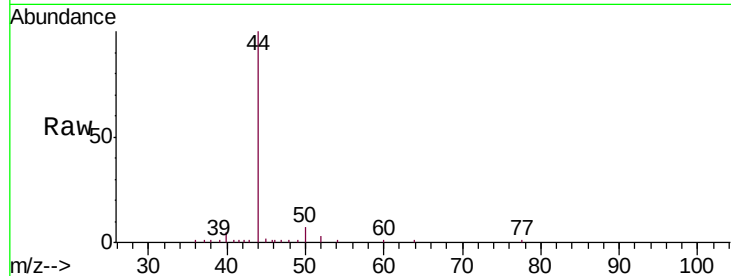
GANK2

Tgt Ion: 50 Resp: 1470

Ion Ratio Lower Upper

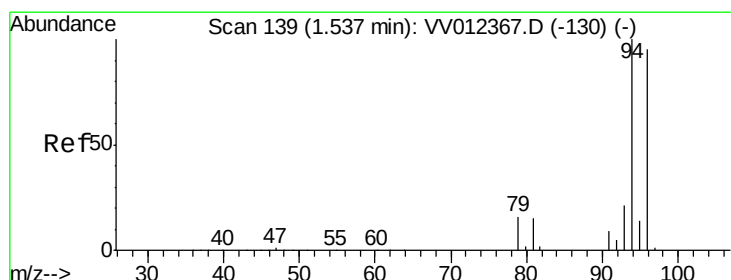
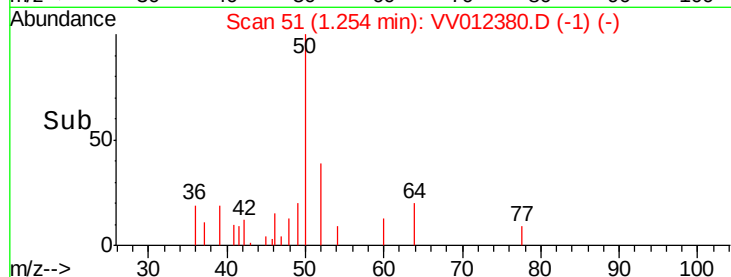
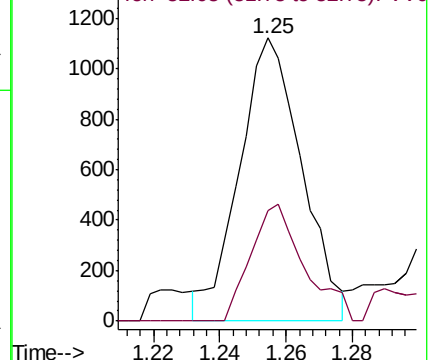
50 100

52 38.9 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.091 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012380.D

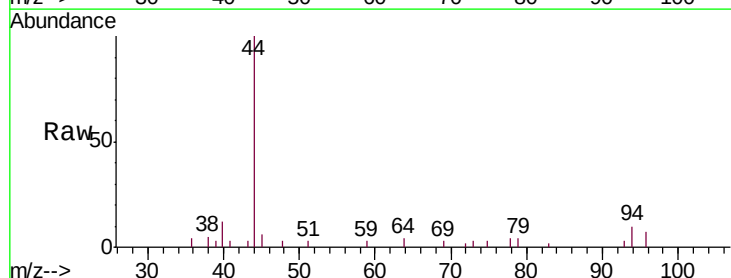
Acq: 23 Aug 2019 22:46

Tgt Ion: 94 Resp: 674

Ion Ratio Lower Upper

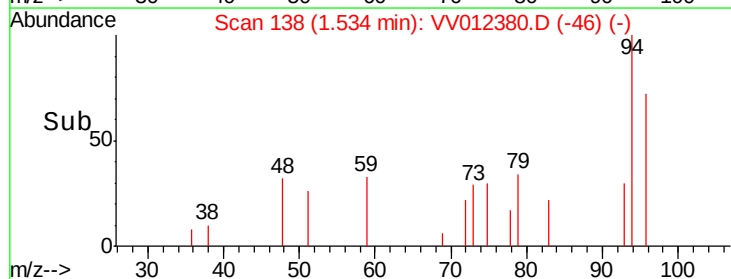
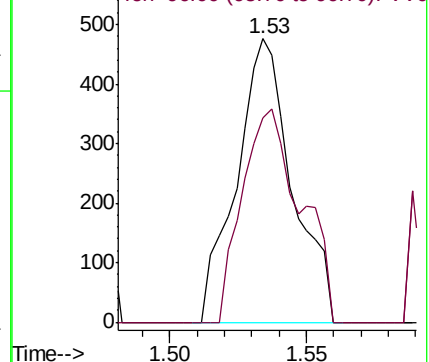
94 100

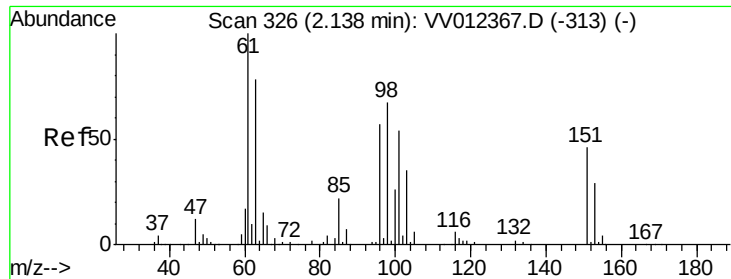
96 72.3 69.2 128.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#10

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

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

Instrument :

MSVOA_V

ClientSampled :

GANK2

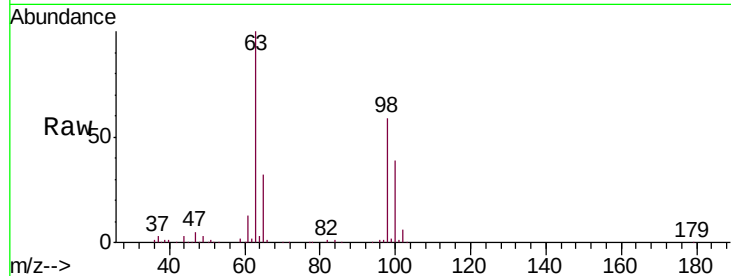
Tgt Ion: 101 Resp: 1046

Ion Ratio Lower Upper

101 100

85 5.1 34.6 51.8#

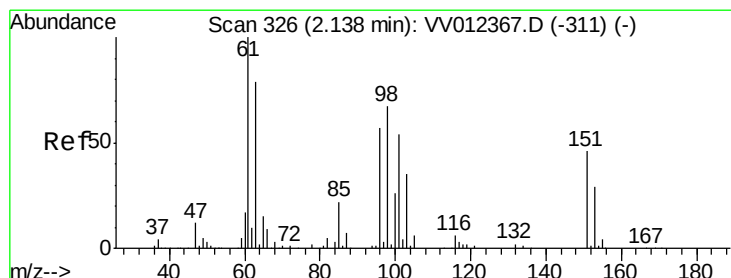
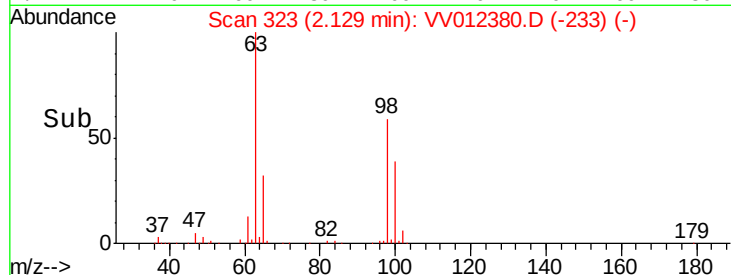
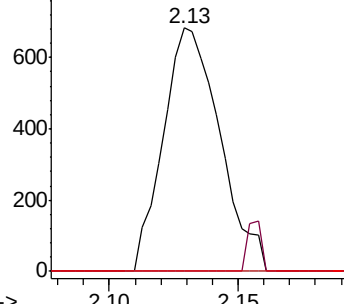
151 0.0 71.2 106.8#



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



#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

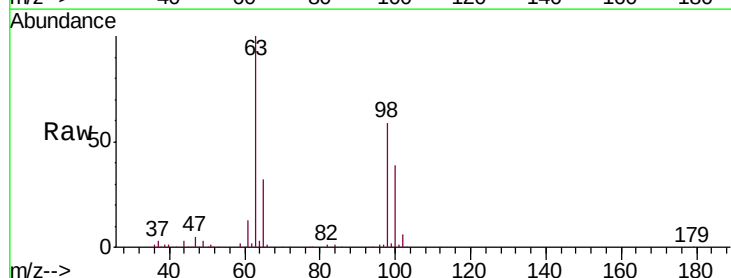
Tgt Ion: 96 Resp: 1123

Ion Ratio Lower Upper

96 100

61 1376.3 122.3 227.1#

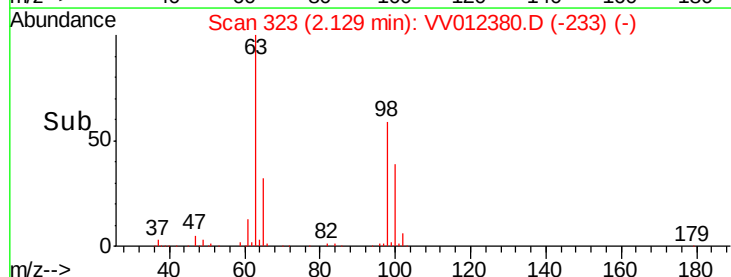
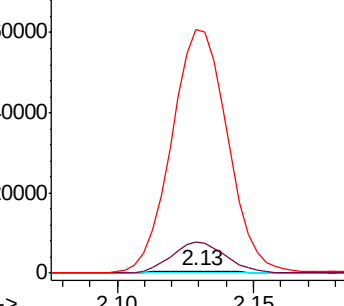
63 10751.2 90.6 168.2#

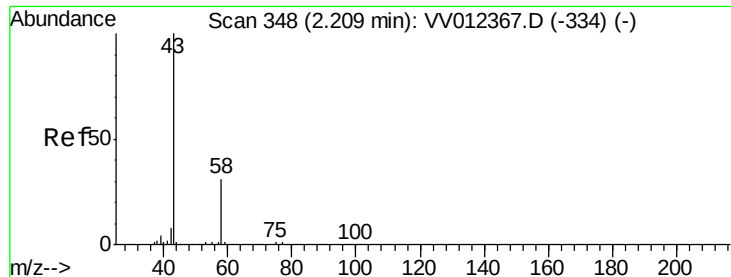


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 26.593 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

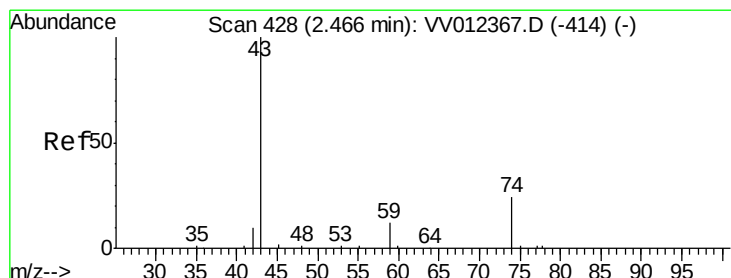
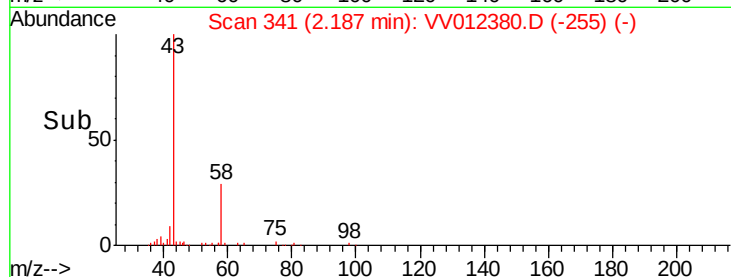
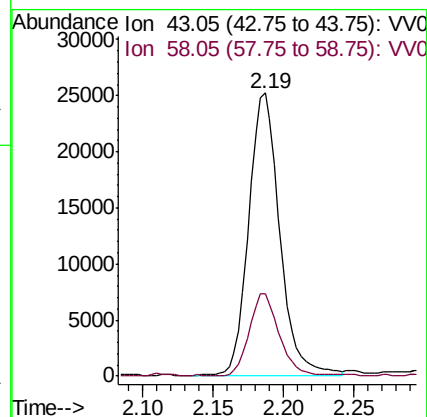
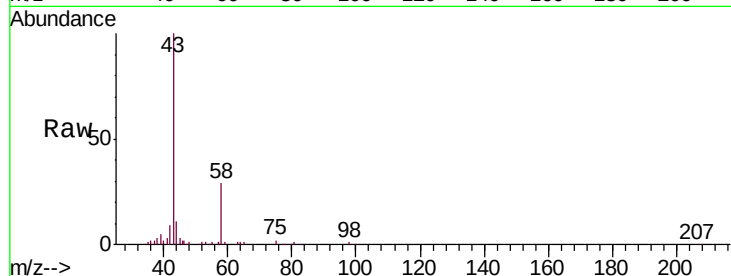
GANK2

Tgt Ion: 43 Resp: 39272

Ion Ratio Lower Upper

43 100

58 27.9 0.0 62.8



#15

Methyl Acetate

Concen: 0.693 ug/L

RT: 2.66 min Scan# 489

Delta R.T. 0.20 min

Lab File: VV012380.D

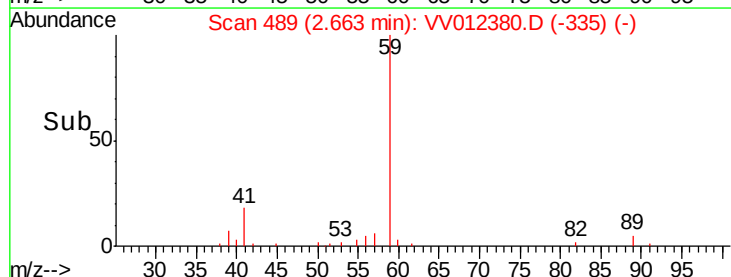
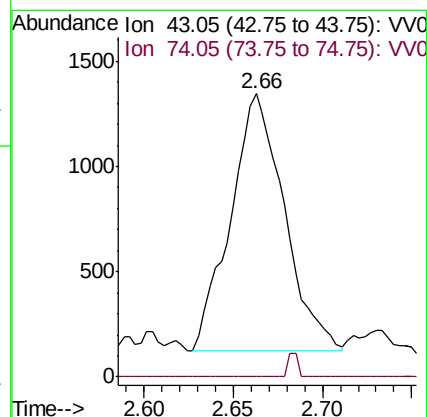
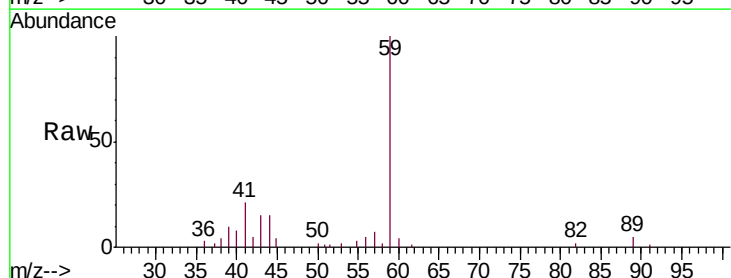
Acq: 23 Aug 2019 22:46

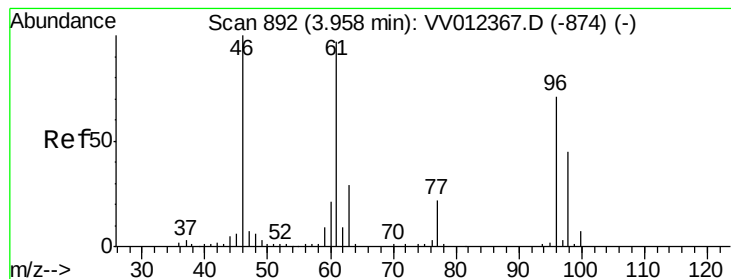
Tgt Ion: 43 Resp: 2575

Ion Ratio Lower Upper

43 100

74 1.7 21.8 32.6#





#22

cis-1,2-Dichloroethene

Concen: 0.109 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

GANK2

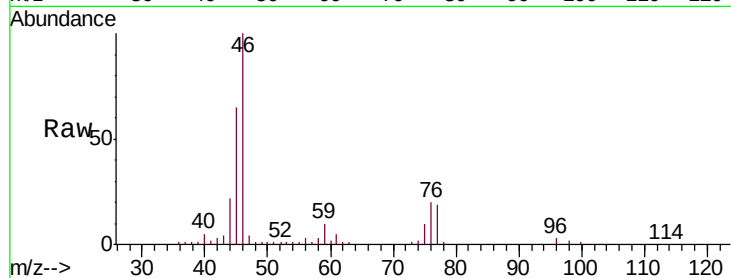
Tgt Ion: 96 Resp: 1802

Ion Ratio Lower Upper

96 100

61 137.4 89.4 166.0

68 0.0 0.0 0.0

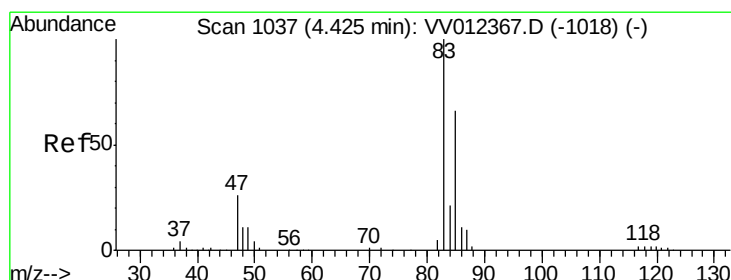
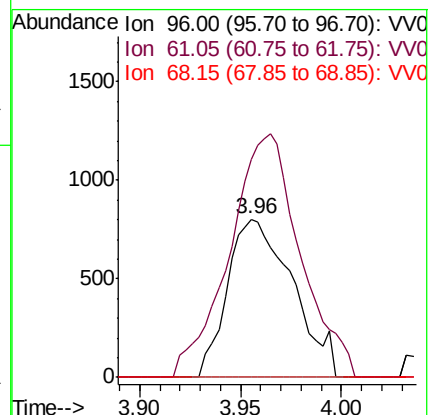
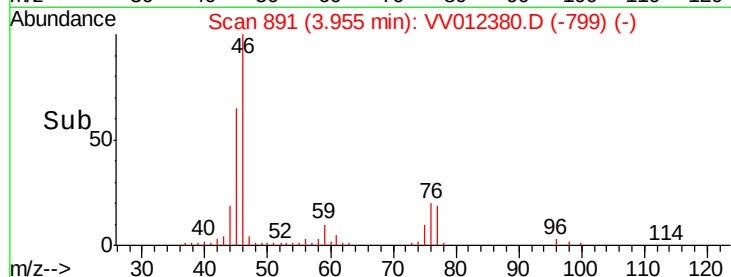


Abundance Ion 96.00 (95.70 to 96.70): VV012367.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV012367.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012367.D (-874) (-)

Time-->



#25

Chloroform

Concen: 0.485 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012380.D

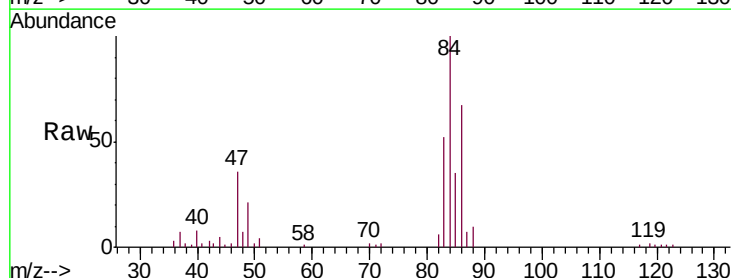
Acq: 23 Aug 2019 22:46

Tgt Ion: 83 Resp: 15214

Ion Ratio Lower Upper

83 100

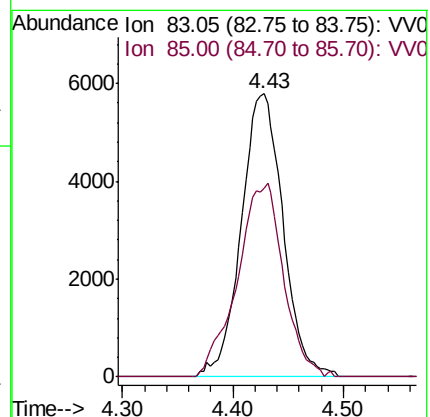
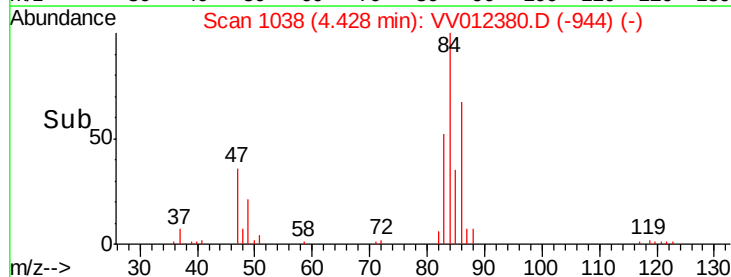
85 66.6 44.6 82.8

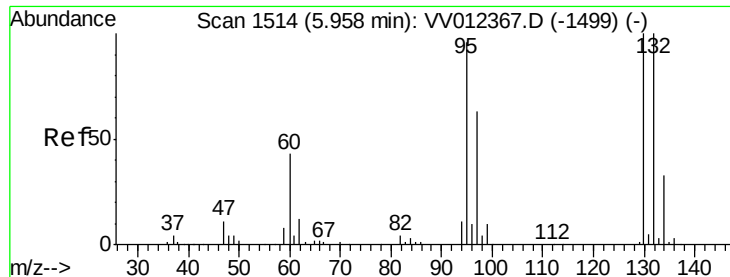


Abundance Ion 83.05 (82.75 to 83.75): VV012367.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV012367.D (-1018) (-)

Time-->





#34

Trichloroethene

Concen: 0.338 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

Instrument :

MSVOA_V

ClientSampleId :

GANK2

Tgt Ion: 95 Resp: 6052

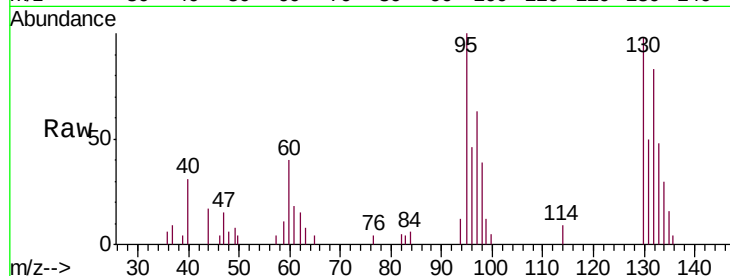
Ion Ratio Lower Upper

95 100

97 62.7 46.3 86.1

132 83.2 70.3 130.7

130 97.6 72.4 134.5

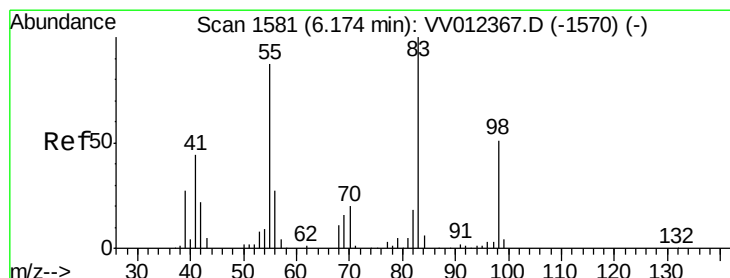
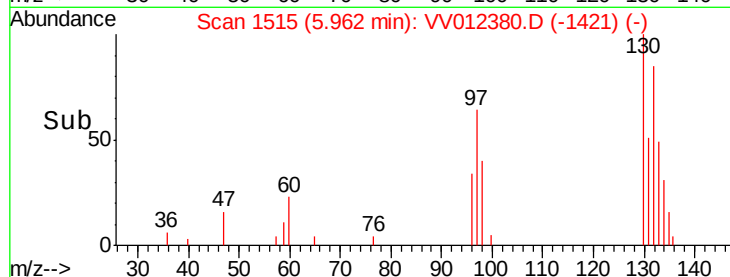
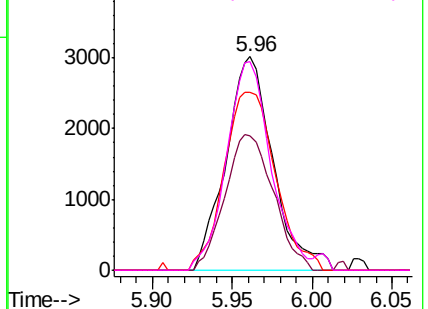


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.754 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012380.D

Acq: 23 Aug 2019 22:46

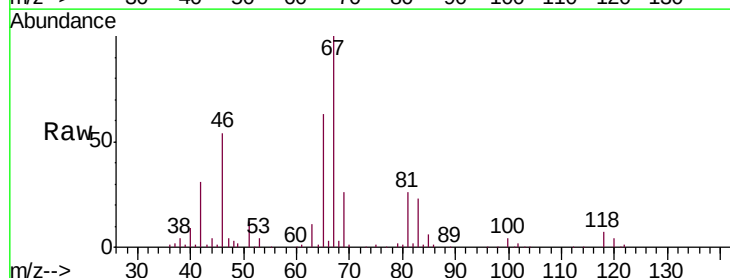
Tgt Ion: 83 Resp: 21172

Ion Ratio Lower Upper

83 100

55 0.7 64.6 97.0#

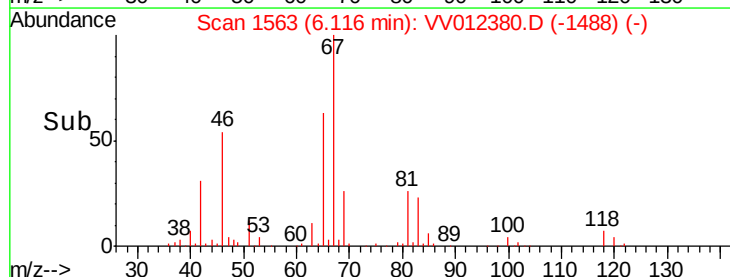
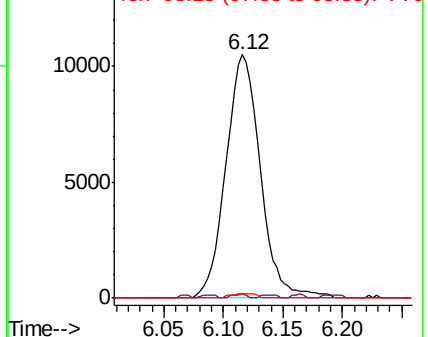
98 1.2 39.0 58.4#

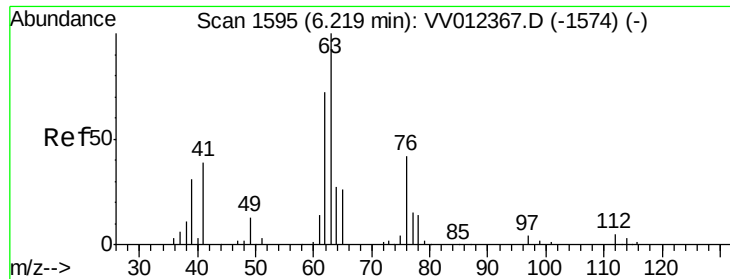


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

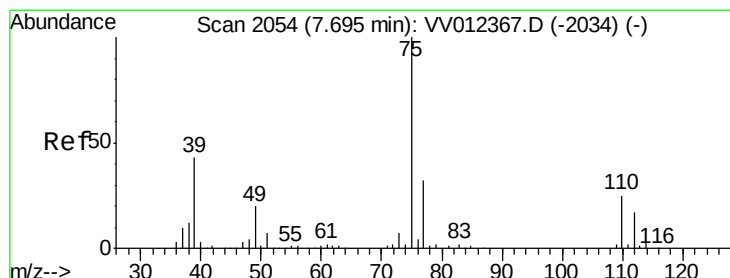
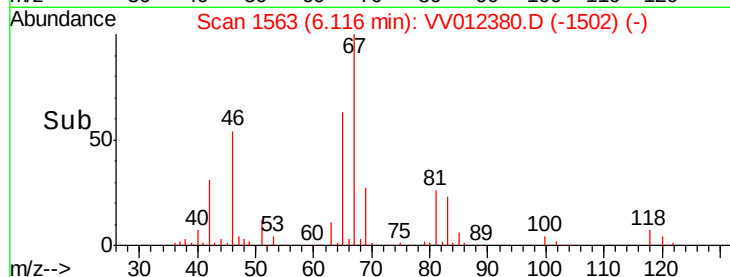
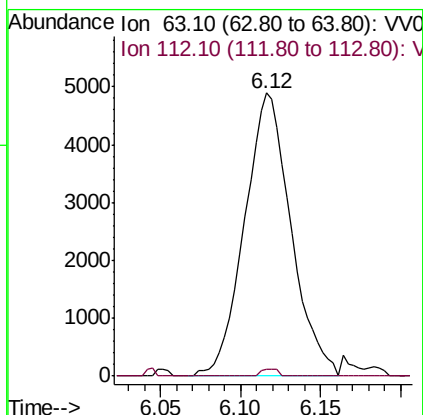
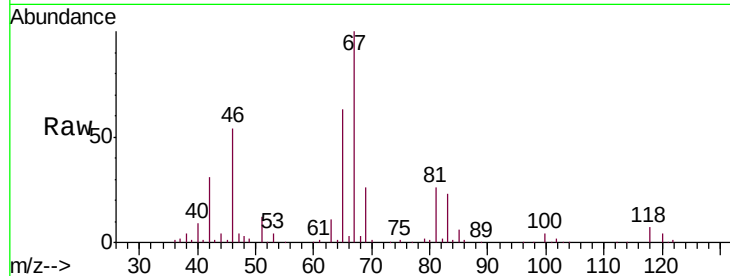




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012380.D
 Acq: 23 Aug 2019 22:46

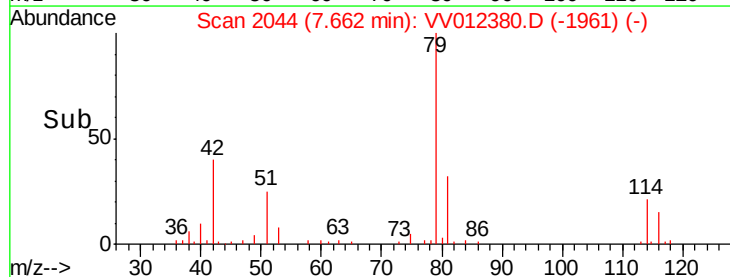
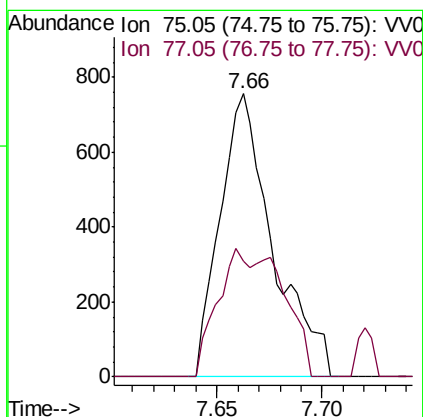
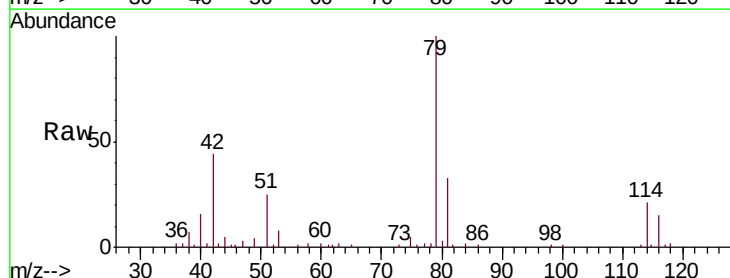
Instrument :
 MSVOA_V
 ClientSampled :
 GANK2

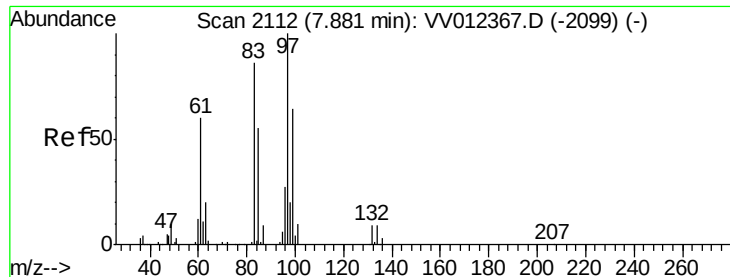
Tgt Ion: 63 Resp: 9760
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.2 6.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012380.D
 Acq: 23 Aug 2019 22:46

Tgt Ion: 75 Resp: 1314
 Ion Ratio Lower Upper
 75 100
 77 40.9 22.6 42.0

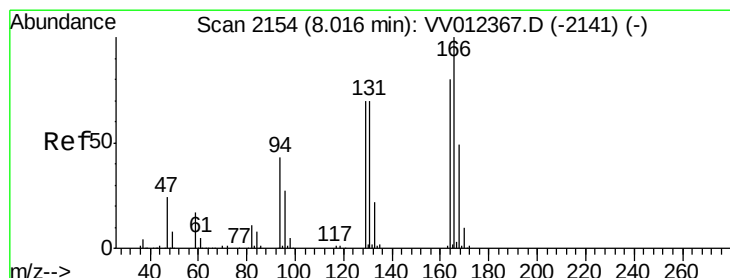
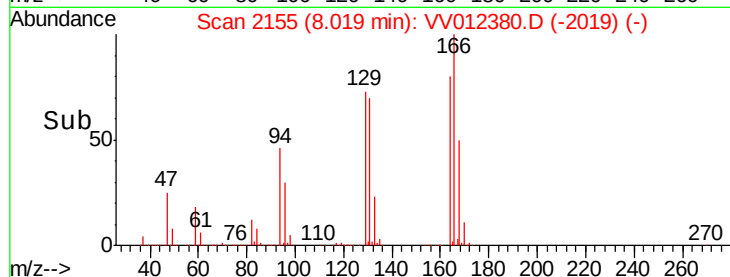
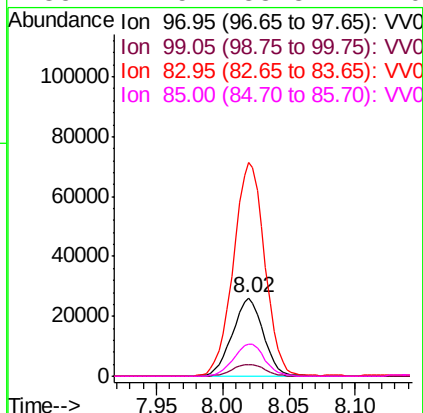
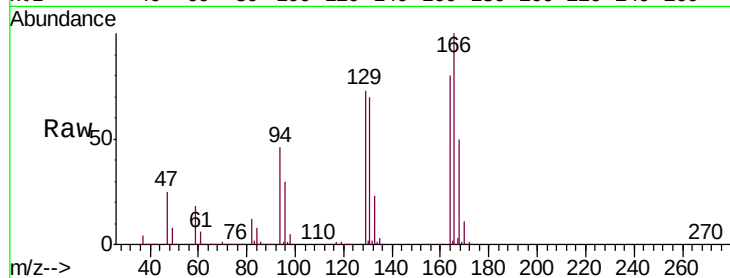




#45
 1,1,2-Trichloroethane
 Concen: 3.897 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.14 min
 Lab File: VV012380.D
 Acq: 23 Aug 2019 22:46

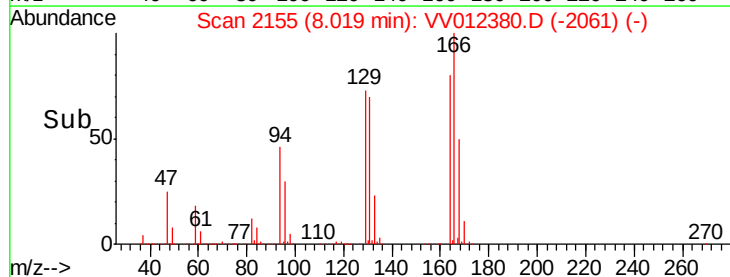
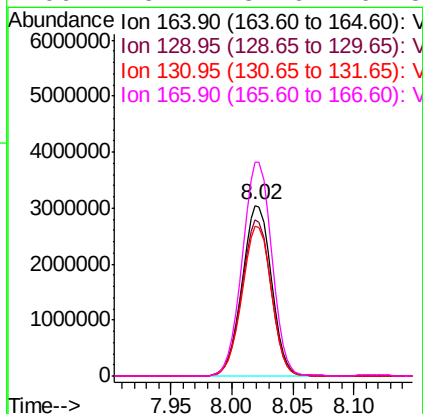
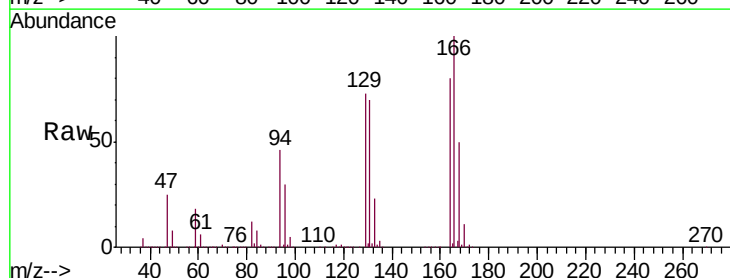
Instrument :
 MSVOA_V
 ClientSampleId :
 GANK2

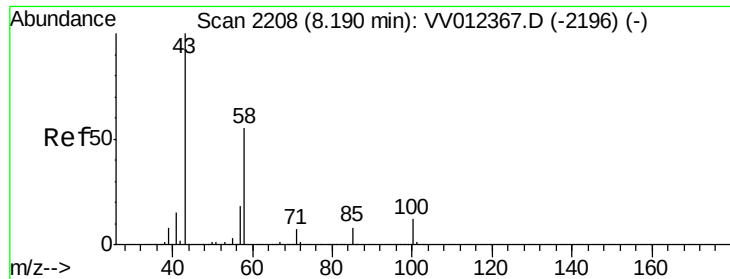
Tgt Ion: 97 Resp: 42385
 Ion Ratio Lower Upper
 97 100
 99 15.0 45.0 83.6#
 83 273.6 59.3 110.1#
 85 41.5 38.8 72.0



#47
 Tetrachloroethene
 Concen: 349.161 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012380.D
 Acq: 23 Aug 2019 22:46

Tgt Ion: 164 Resp: 5037556
 Ion Ratio Lower Upper
 164 100
 129 91.4 60.6 112.6
 131 88.0 58.8 109.2
 166 125.1 87.6 162.8

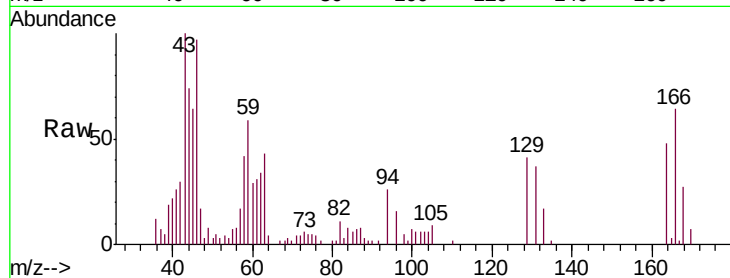




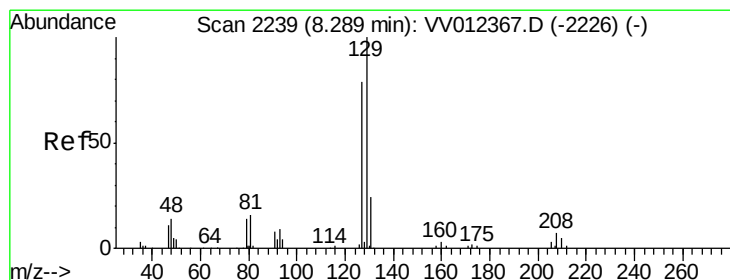
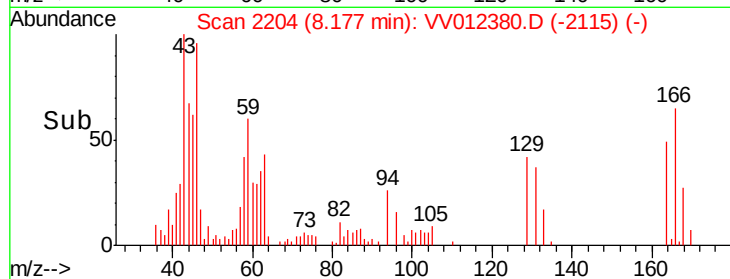
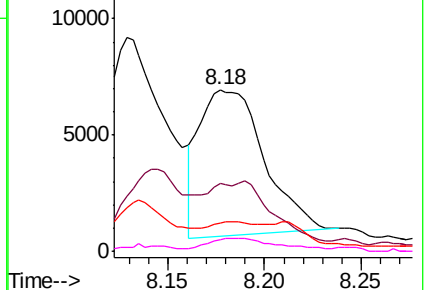
#48
2-Hexanone
Concen: 2.247 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV012380.D
Acq: 23 Aug 2019 22:46

Instrument :
MSVOA_V
ClientSampleId :
GANK2

Tgt Ion: 43 Resp: 14580
Ion Ratio Lower Upper
43 100
58 43.8 46.3 69.5#
57 4.8 14.9 22.3#
100 10.1 9.7 14.5

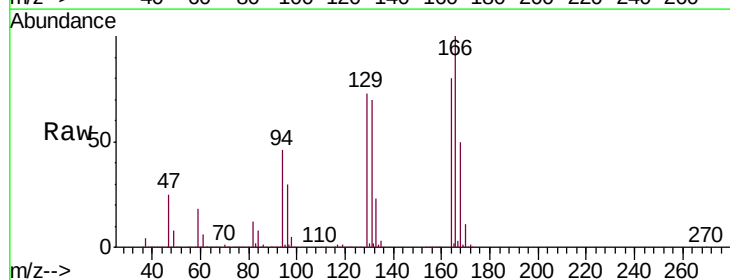


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#49
Dibromochloromethane
Concen: 340.307 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012380.D
Acq: 23 Aug 2019 22:46

Tgt Ion: 129 Resp: 4435462
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

