

Data File : VV012423.D
Acq On : 27 Aug 2019 13:11
Operator : SY/MD
Sample : K4500-16
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANLO

Quant Time: Aug 28 07:39:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219937	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226141	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58399	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	43341	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.13	63	77964	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	3.93	46	117620	39.71	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.42%
24) Chloroform-d	4.40	84	112197	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	59863	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	238017	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	76153	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.36	98	188831	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.66	79	23310	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.13	63	71977	36.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43483	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	64732	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	1168	0.081 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	778	0.080 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	745	0.084 ug/L #	1
13) Acetone	2.19	43	107701	84.036 ug/L	96
15) Methyl Acetate	2.30	43	3323	1.030 ug/L #	49
21) 2-Butanone	4.03	43	10211	3.392 ug/L	77
22) cis-1,2-Dichloroethene	3.96	96	2741	0.192 ug/L	92
25) Chloroform	4.43	83	12902	0.474 ug/L	94
34) Trichloroethene	5.96	95	6739	0.433 ug/L	97
35) Methylcyclohexane	6.12	83	18150	0.742 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8628	0.590 ug/L #	88
45) 1,1,2-Trichloroethane	8.02	97	53793	5.682 ug/L #	1
47) Tetrachloroethene	8.02	164	6303513	501.979 ug/L	96
48) 2-Hexanone	8.18	43	17520	3.102 ug/L #	66
49) Dibromochloromethane	8.02	129	5690117	501.591 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082719\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

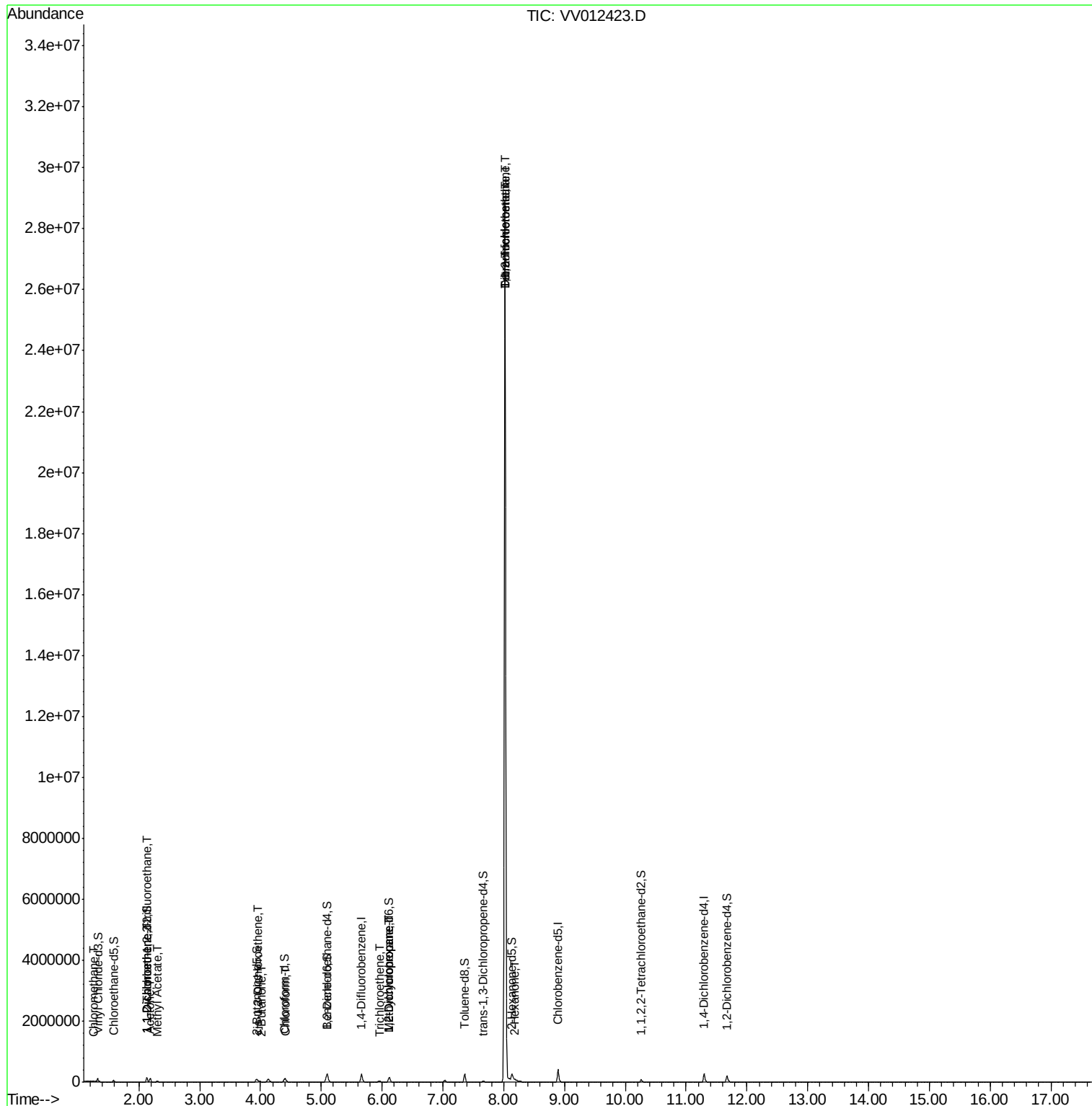
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

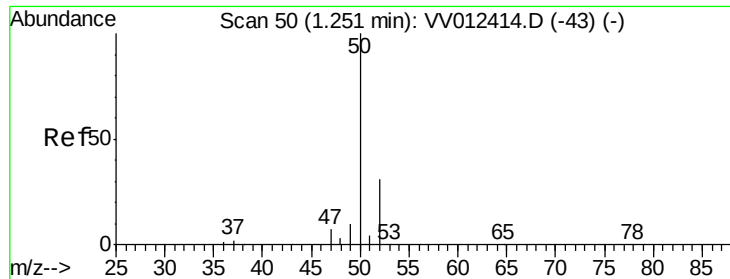
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV012423.D

Acq: 27 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

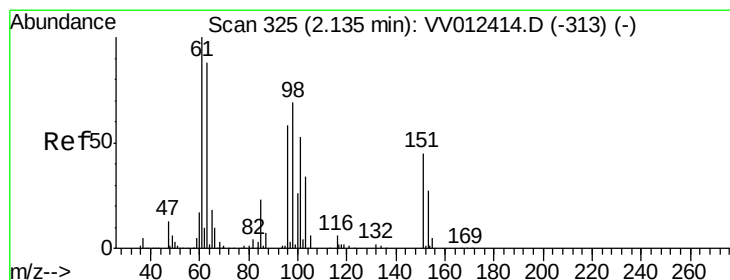
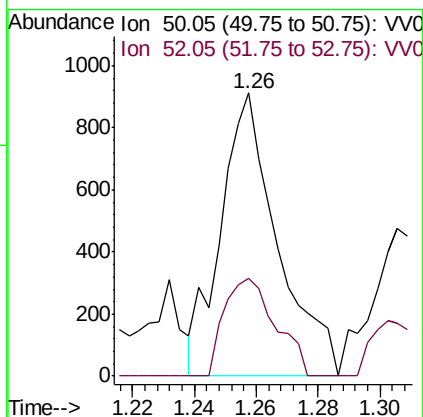
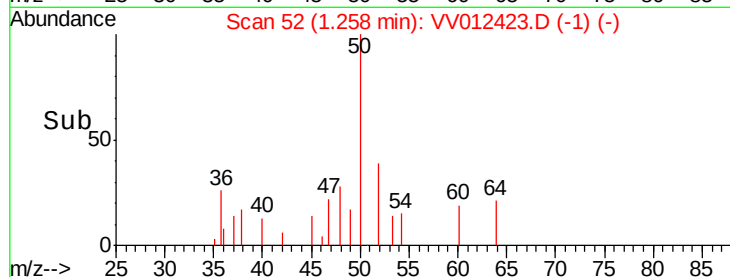
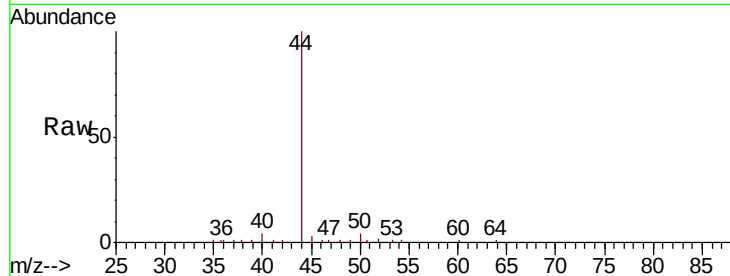
GANLO

Tgt Ion: 50 Resp: 1168

Ion Ratio Lower Upper

50 100

52 34.6 22.2 41.2



#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012423.D

Acq: 27 Aug 2019 13:11

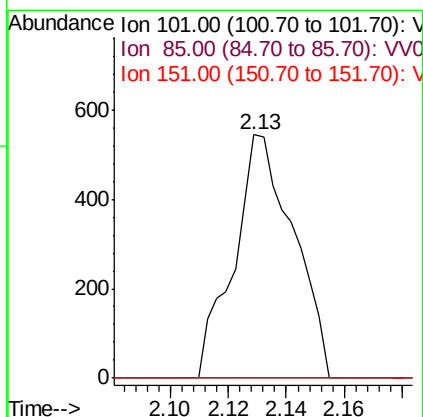
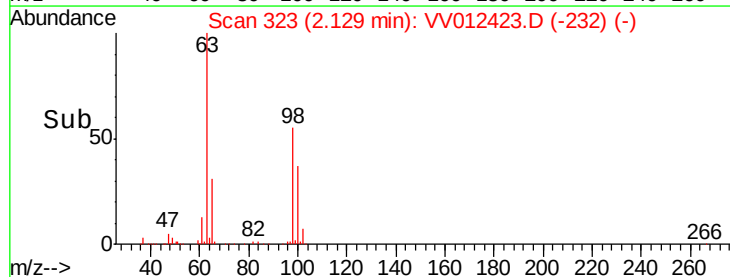
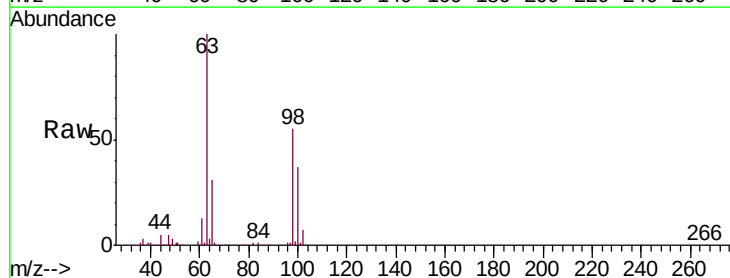
Tgt Ion: 101 Resp: 778

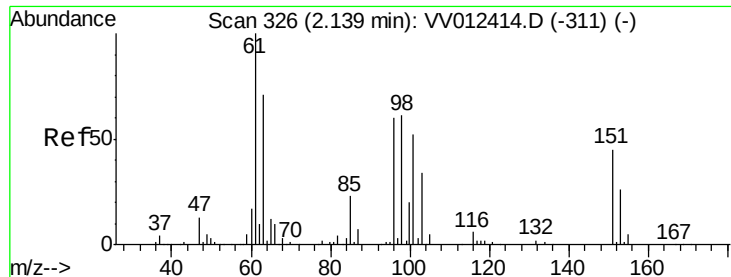
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 71.2 106.8#

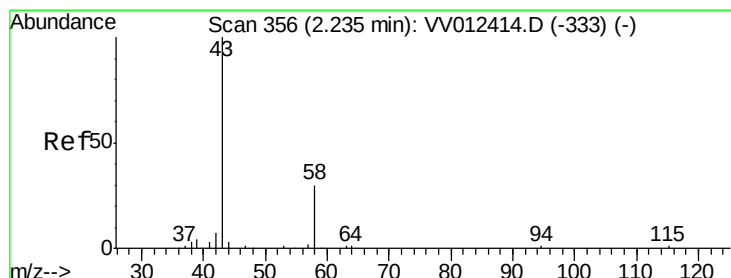
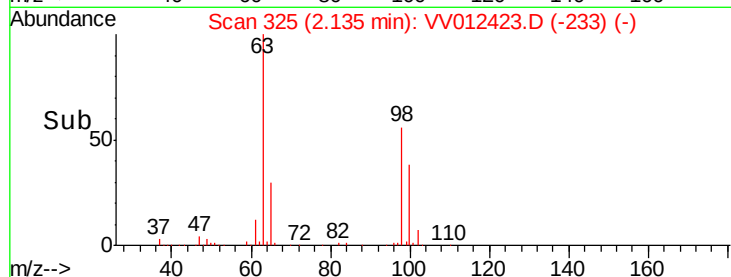
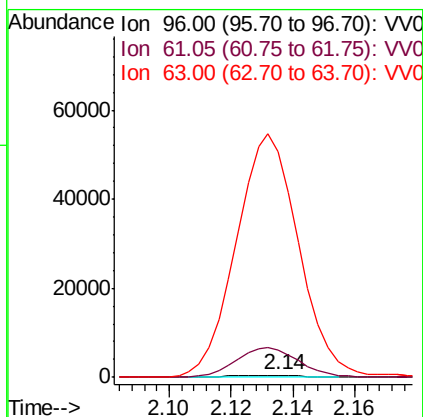
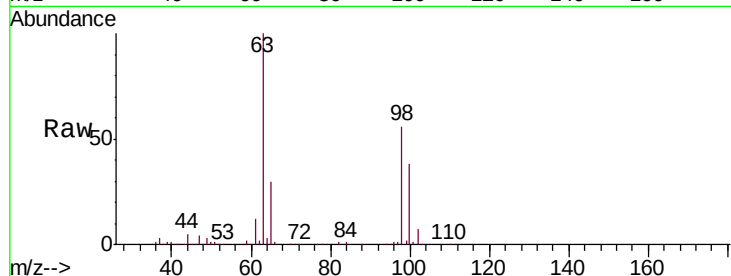




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

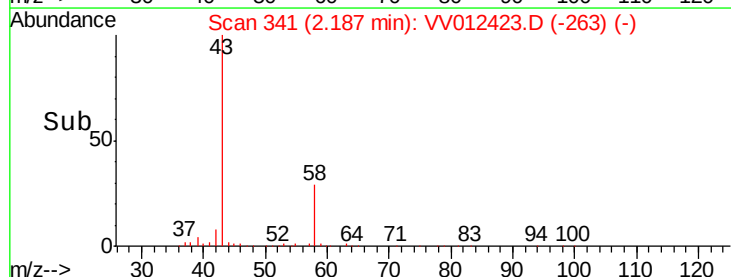
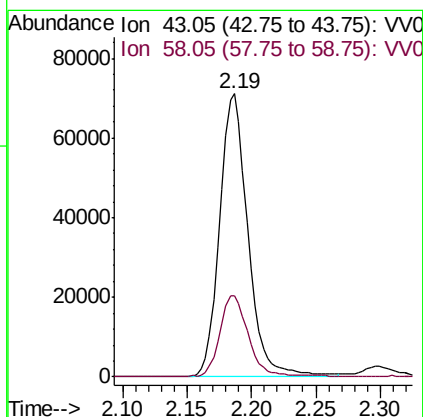
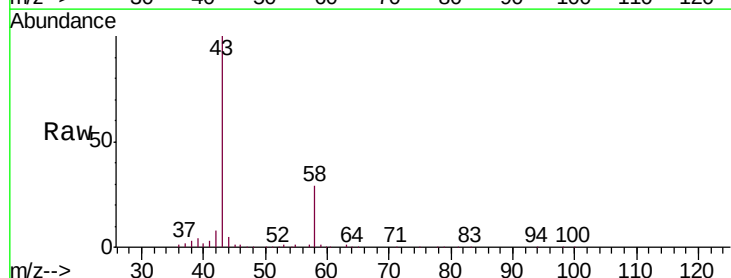
Instrument :
 MSVOA_V
 ClientSampled :
 GANLO

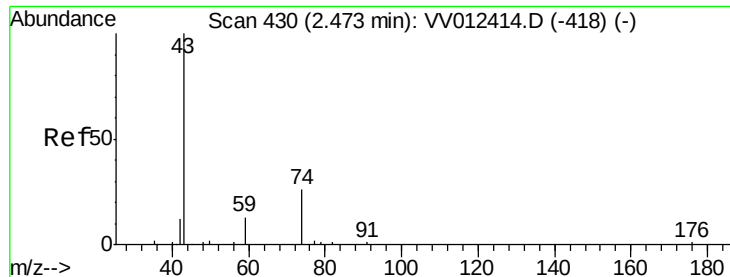
Tgt Ion: 96 Resp: 745
 Ion Ratio Lower Upper
 96 100
 61 1236.7 122.3 227.1#
 63 10162.7 90.6 168.2#



#13
 Acetone
 Concen: 84.036 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.05 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

Tgt Ion: 43 Resp: 107701
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 62.8

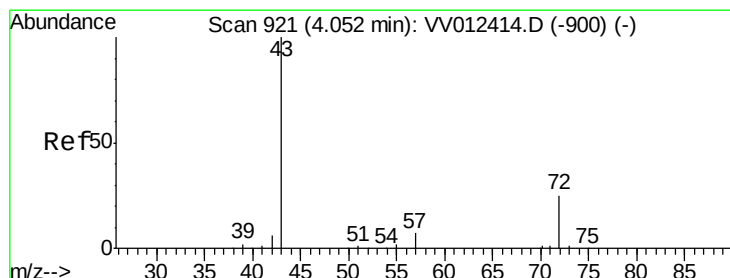
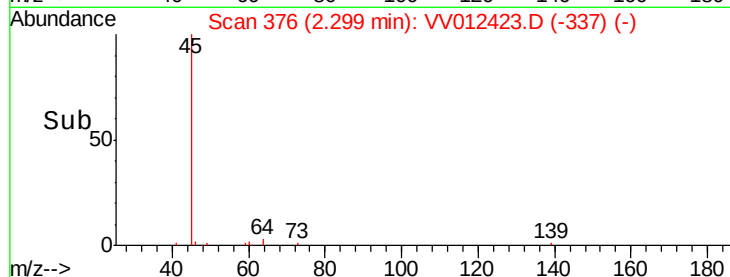
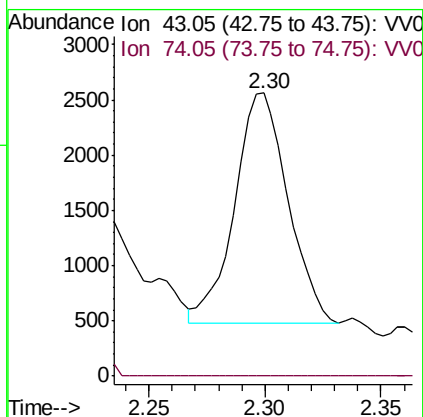
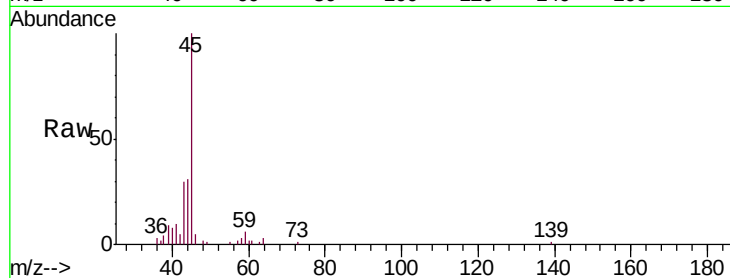




#15
Methyl Acetate
Concen: 1.030 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV012423.D
Acq: 27 Aug 2019 13:11

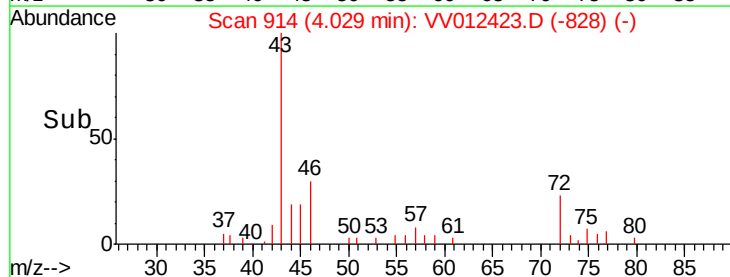
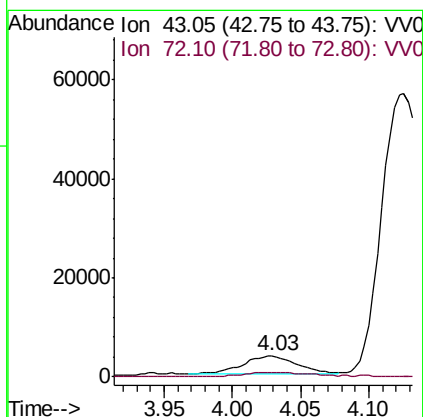
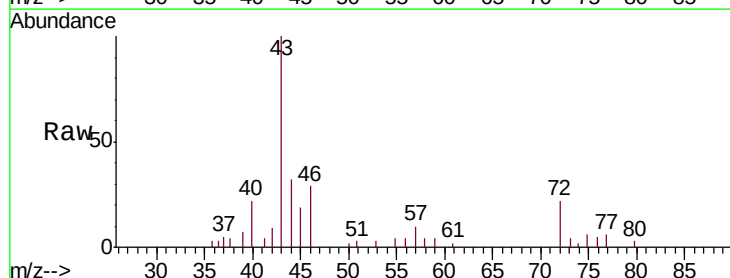
Instrument :
MSVOA_V
ClientSampleId :
GANLO

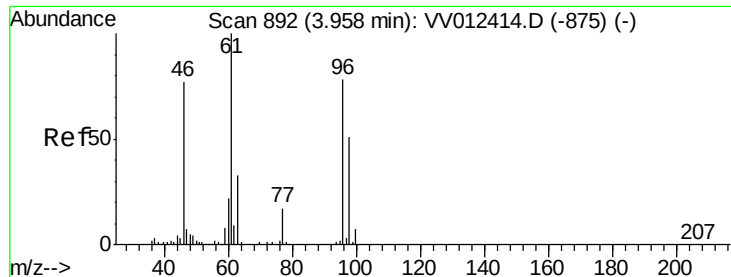
Tgt Ion: 43 Resp: 3323
Ion Ratio Lower Upper
43 100
74 0.6 21.8 32.6#



#21
2-Butanone
Concen: 3.392 ug/L
RT: 4.03 min Scan# 914
Delta R.T. -0.02 min
Lab File: VV012423.D
Acq: 27 Aug 2019 13:11

Tgt Ion: 43 Resp: 10211
Ion Ratio Lower Upper
43 100
72 12.8 12.2 36.6

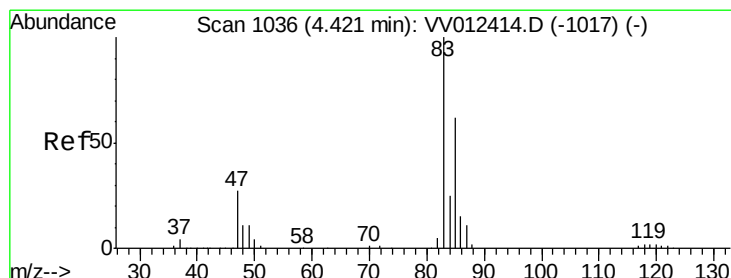
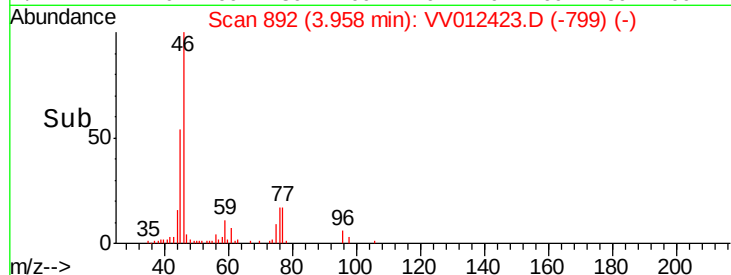
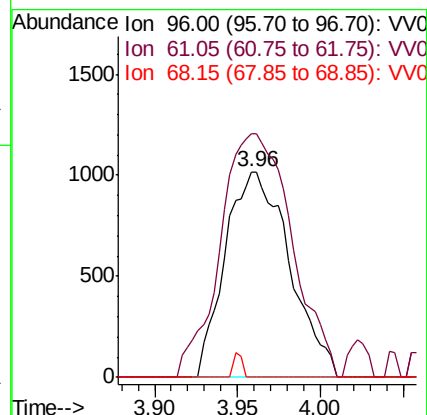
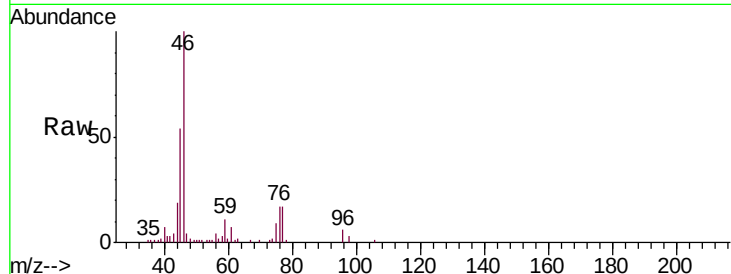




#22
 cis-1,2-Dichloroethene
 Concen: 0.192 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

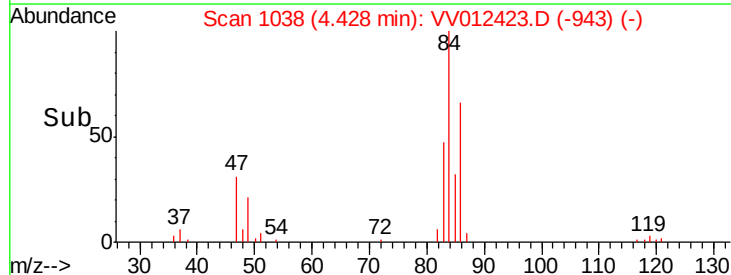
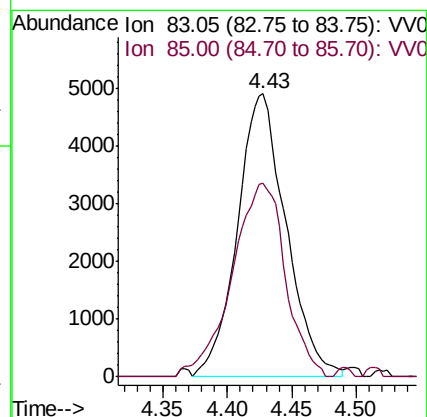
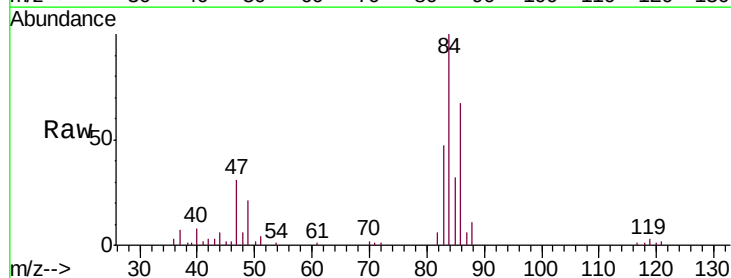
Instrument :
 MSVOA_V
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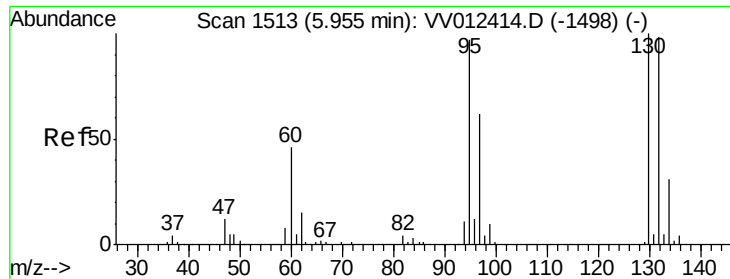
Tgt Ion: 96 Resp: 2741
 Ion Ratio Lower Upper
 96 100
 61 118.2 89.4 166.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.474 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

Tgt Ion: 83 Resp: 12902
 Ion Ratio Lower Upper
 83 100
 85 68.3 44.6 82.8





#34

Trichloroethene

Concen: 0.433 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012423.D

Acq: 27 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampled :

GANLO

Tgt Ion: 95 Resp: 6739

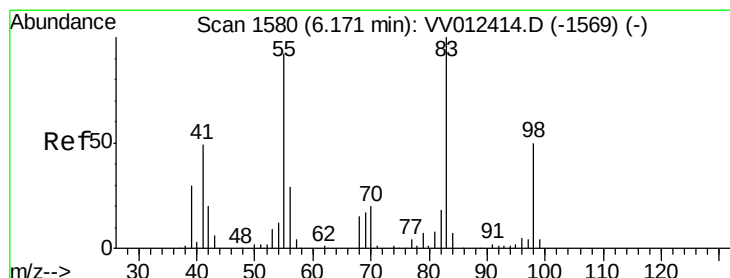
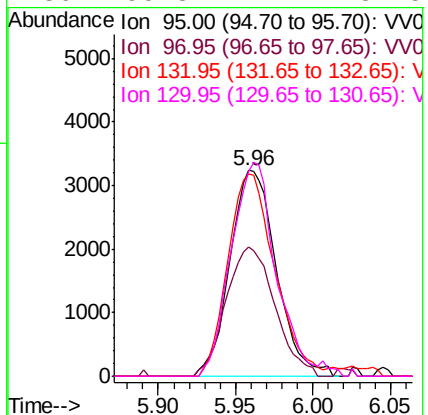
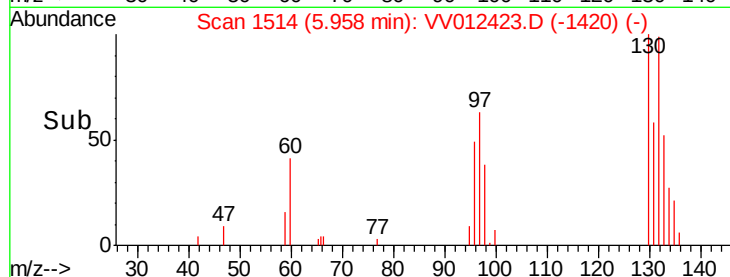
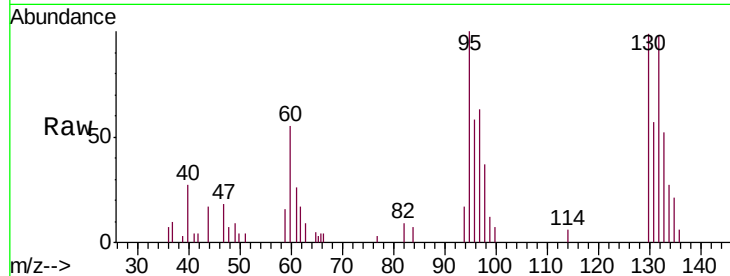
Ion Ratio Lower Upper

95 100

97 62.6 46.3 86.1

132 98.4 70.3 130.7

130 99.3 72.4 134.5



#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012423.D

Acq: 27 Aug 2019 13:11

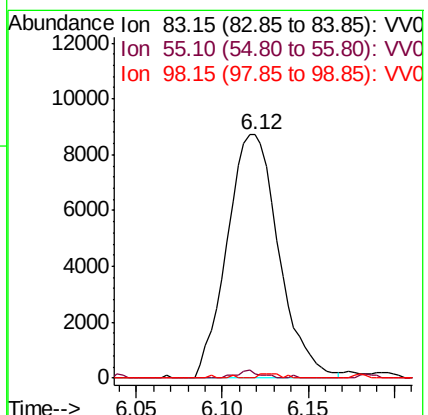
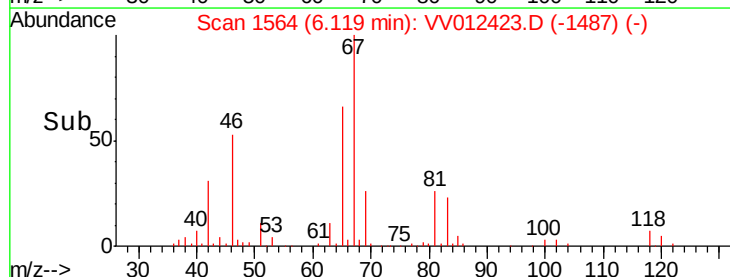
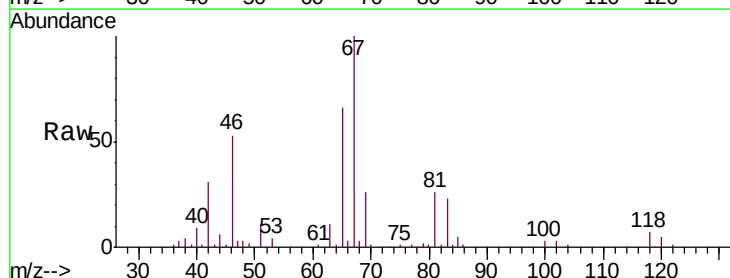
Tgt Ion: 83 Resp: 18150

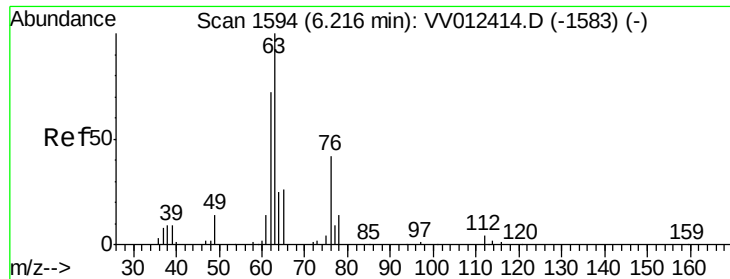
Ion Ratio Lower Upper

83 100

55 1.5 64.6 97.0#

98 0.8 39.0 58.4#

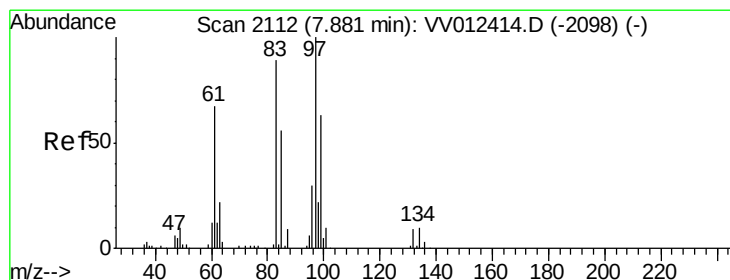
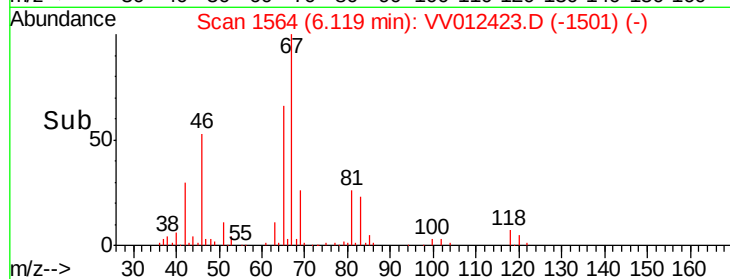
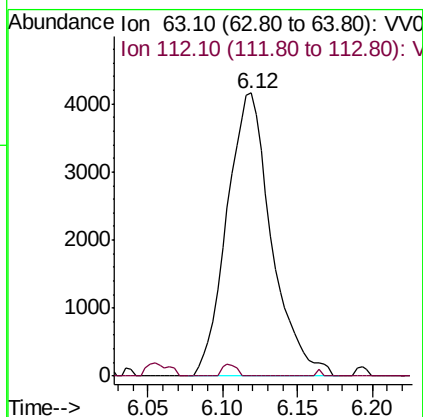
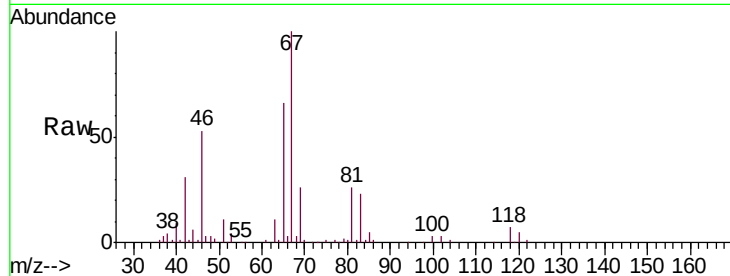




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

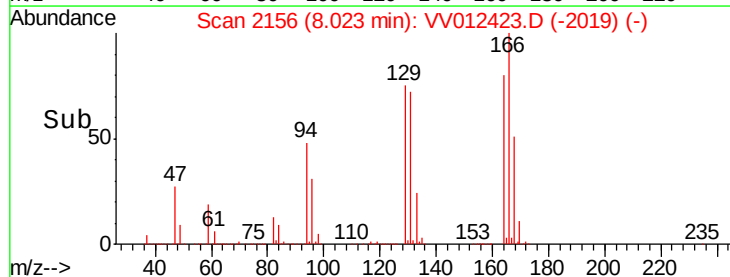
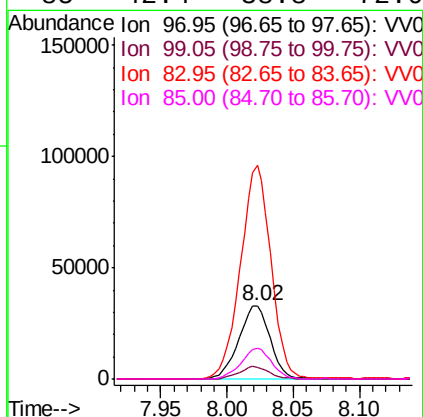
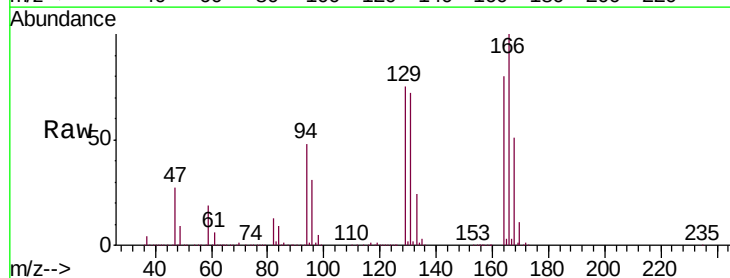
Instrument :
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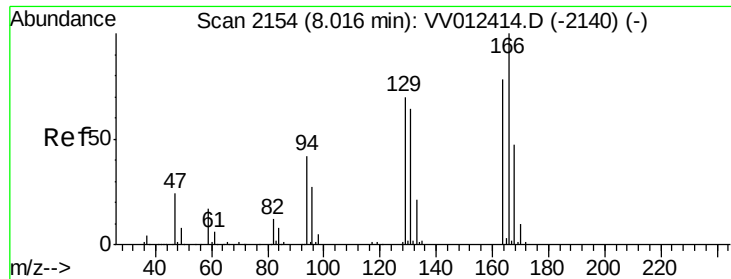
Tgt Ion: 63 Resp: 8628
 Ion Ratio Lower Upper
 63 100
 112 1.3 4.2 6.2#



#45
 1,1,2-Trichloroethane
 Concen: 5.682 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.14 min
 Lab File: VV012423.D
 Acq: 27 Aug 2019 13:11

Tgt Ion: 97 Resp: 53793
 Ion Ratio Lower Upper
 97 100
 99 16.4 45.0 83.6#
 83 291.7 59.3 110.1#
 85 42.4 38.8 72.0

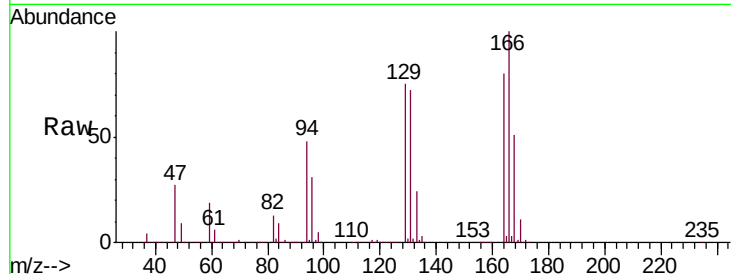




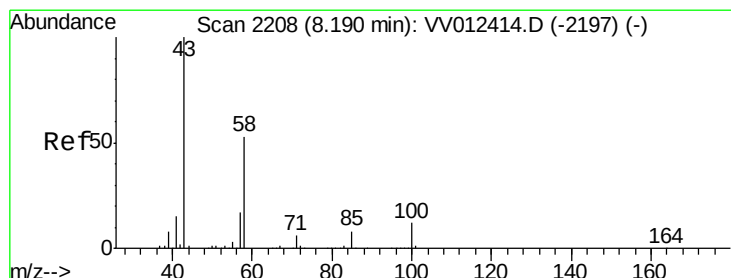
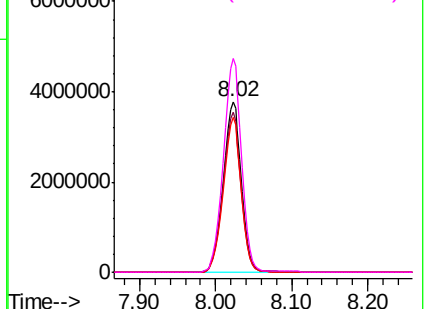
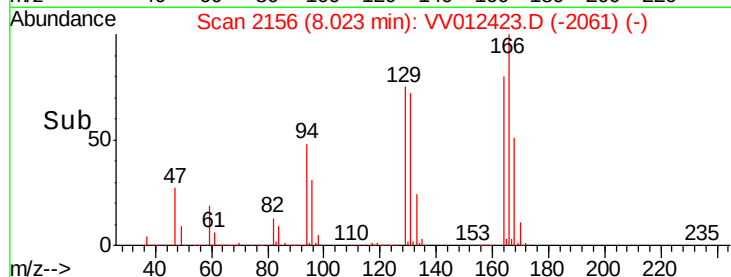
#47
Tetrachloroethene
Concen: 501.979 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV012423.D
Acq: 27 Aug 2019 13:11

Instrument :
MSVOA_V
ClientSampleId :
GANLO

Tgt Ion:164 Resp: 6303513
Ion Ratio Lower Upper
164 100
129 93.4 60.6 112.6
131 90.6 58.8 109.2
166 125.1 87.6 162.8

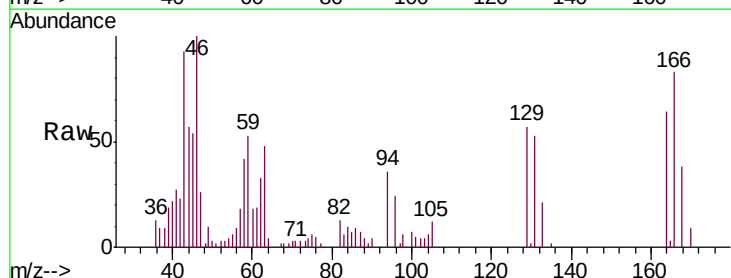


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

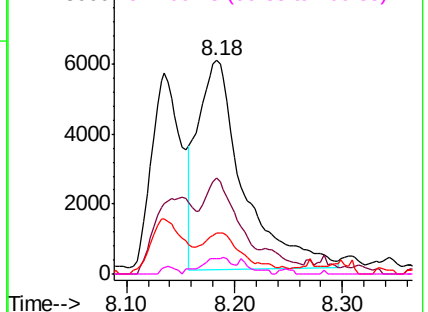
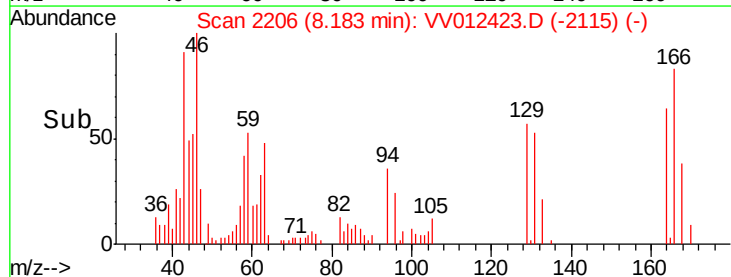


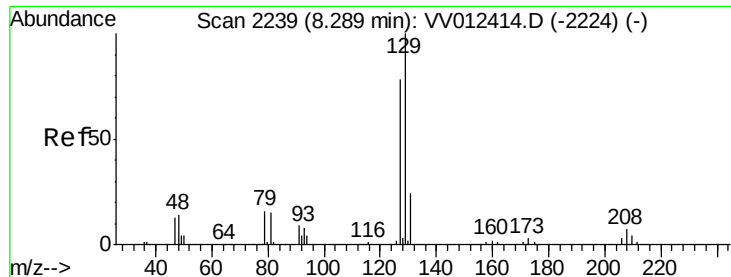
#48
2-Hexanone
Concen: 3.102 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012423.D
Acq: 27 Aug 2019 13:11

Tgt Ion: 43 Resp: 17520
Ion Ratio Lower Upper
43 100
58 23.9 46.3 69.5#
57 16.7 14.9 22.3
100 2.9 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: 501.591 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV012423.D

Acq: 27 Aug 2019 13:11

Instrument :

MSVOA_V

ClientSampleId :

GANLO

Tgt Ion:129 Resp: 5690117

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#

