

Data File : VV012422.D
Acq On : 27 Aug 2019 12:43
Operator : SY/MD
Sample : K4500-15
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANK9

Quant Time: Aug 28 07:39:18 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	219678	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	224921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80746	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62142	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.58	69	46955	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.13	63	83182	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.93	46	108430	36.65	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.30%
24) Chloroform-d	4.40	84	111080	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	61813	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	238196	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.12	67	76530	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	190989	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.66	79	23007	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.13	63	62539	32.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41271	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	63072	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

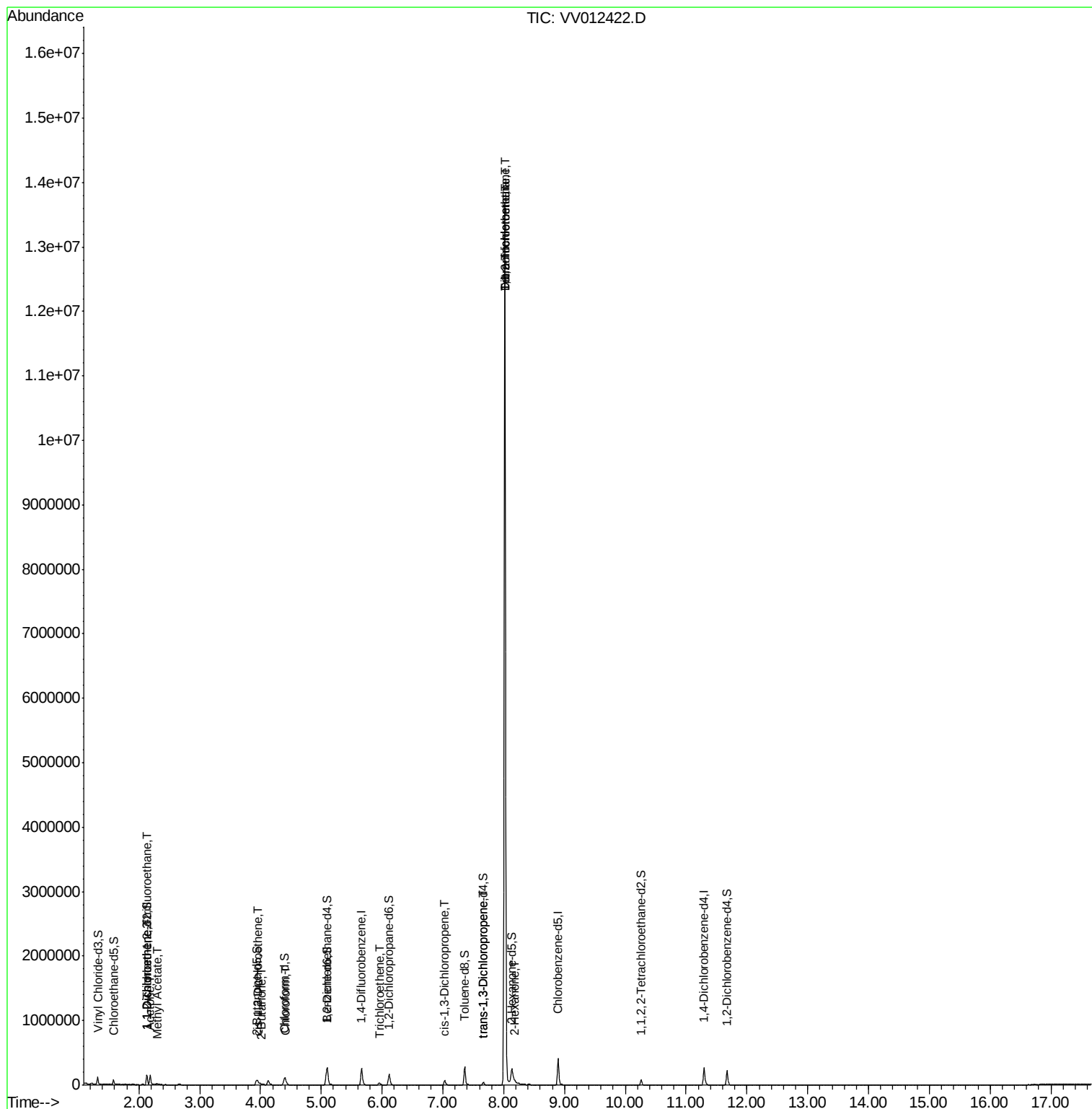
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	764	0.079	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	994	0.113	ug/L #	1
13) Acetone	2.19	43	141541	110.571	ug/L	97
15) Methyl Acetate	2.30	43	3849	1.194	ug/L #	50
21) 2-Butanone	4.03	43	12941	4.304	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	1898	0.133	ug/L	93
25) Chloroform	4.42	83	16344	0.601	ug/L	99
34) Trichloroethene	5.96	95	6101	0.394	ug/L	94
39) cis-1,3-Dichloropropene	7.03	75	1863	0.095	ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	1077	0.073	ug/L #	62
45) 1,1,2-Trichloroethane	8.02	97	24979	2.653	ug/L #	1
47) Tetrachloroethene	8.02	164	3012216	241.178	ug/L	96
48) 2-Hexanone	8.18	43	18508	3.295	ug/L #	76
49) Dibromochloromethane	8.02	129	2653487	235.177	ug/L #	11

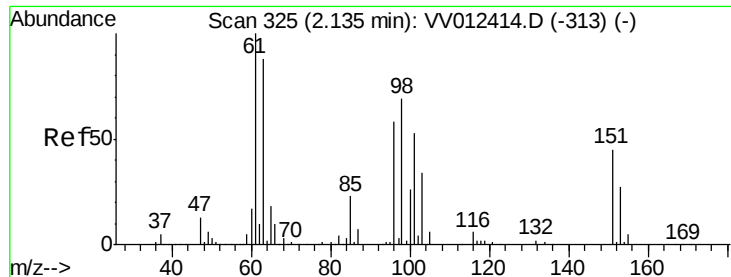
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

Instrument :

MSVOA_V

ClientSampleId :

GANK9

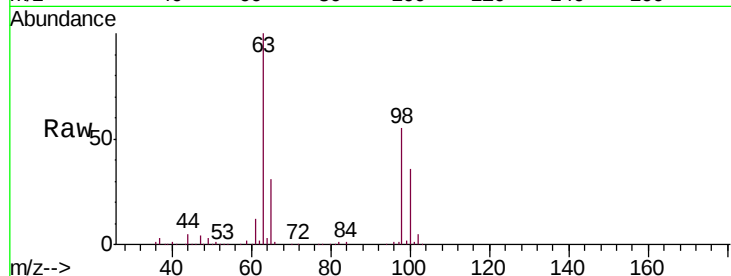
Tgt Ion: 101 Resp: 764

Ion Ratio Lower Upper

101 100

85 2.6 34.6 51.8#

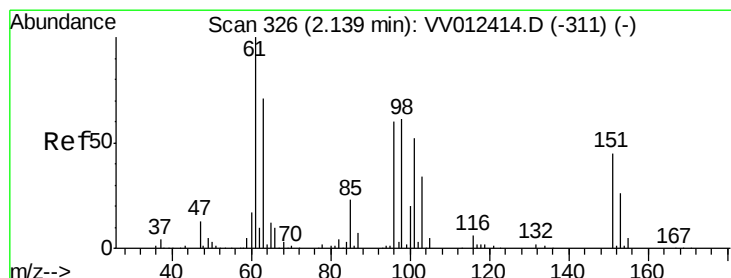
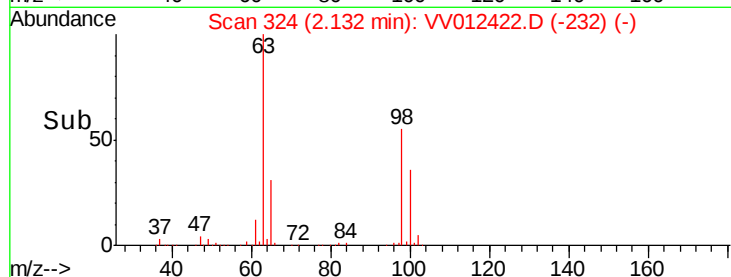
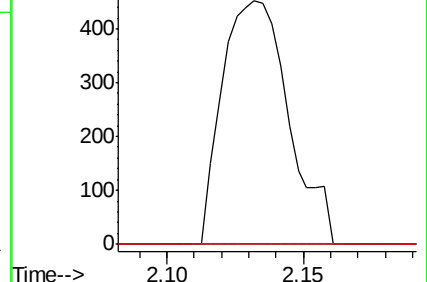
151 0.0 71.2 106.8#



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: 0.113 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

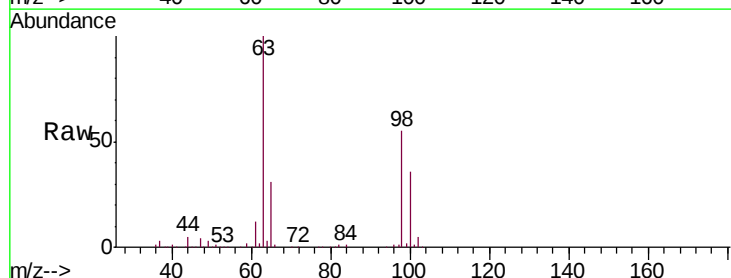
Tgt Ion: 96 Resp: 994

Ion Ratio Lower Upper

96 100

61 1343.2 122.3 227.1#

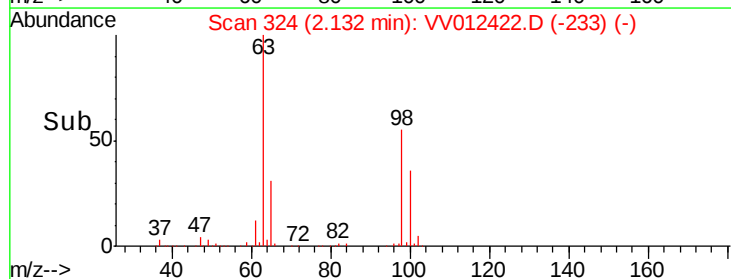
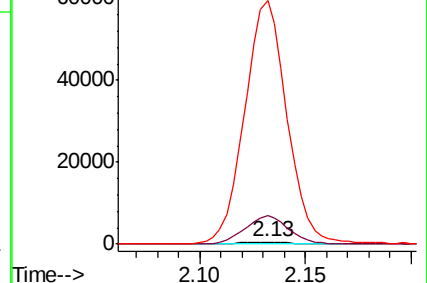
63 11612.5 90.6 168.2#

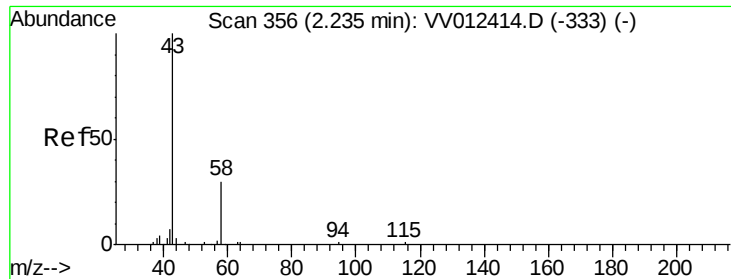


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 110.571 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

Instrument :

MSVOA_V

ClientSampleId :

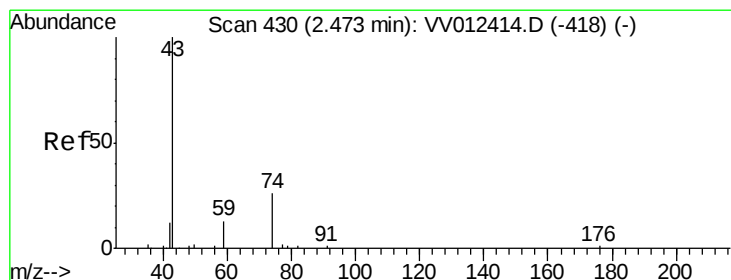
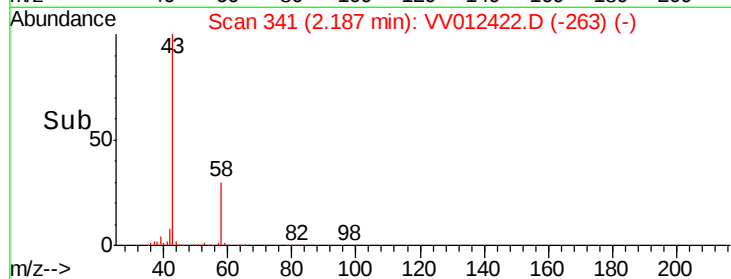
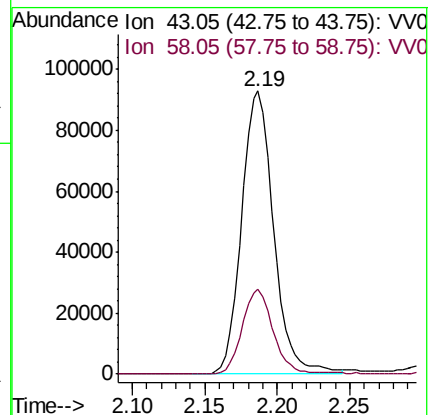
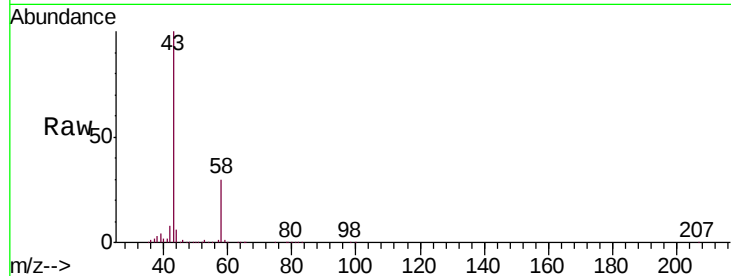
GANK9

Tgt Ion: 43 Resp: 141541

Ion Ratio Lower Upper

43 100

58 29.6 0.0 62.8



#15

Methyl Acetate

Concen: 1.194 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.17 min

Lab File: VV012422.D

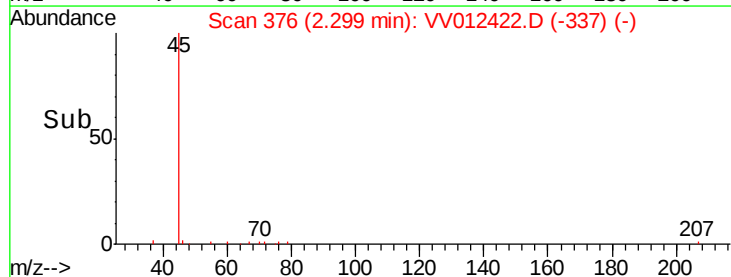
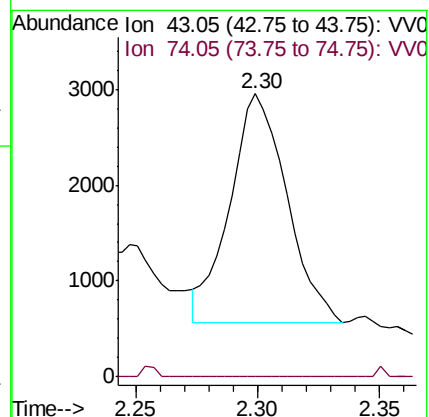
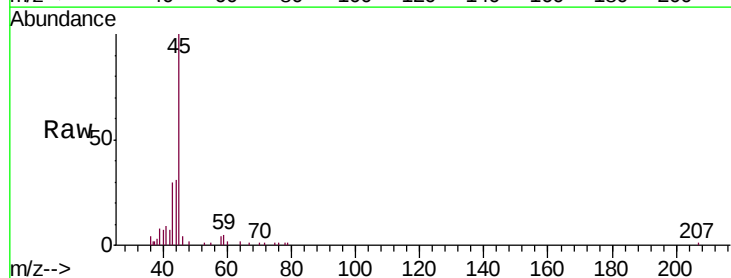
Acq: 27 Aug 2019 12:43

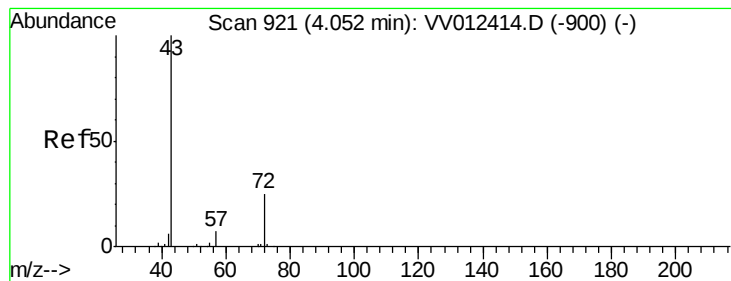
Tgt Ion: 43 Resp: 3849

Ion Ratio Lower Upper

43 100

74 1.1 21.8 32.6#





#21

2-Butanone

Concen: 4.304 ug/L

RT: 4.03 min Scan# 913

Delta R.T. -0.03 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

Instrument :

MSVOA_V

ClientSampleId :

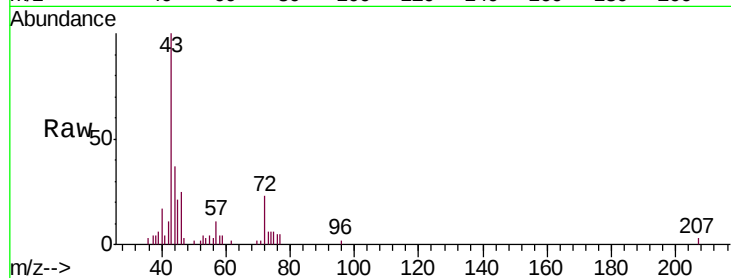
GANK9

Tgt Ion: 43 Resp: 12941

Ion Ratio Lower Upper

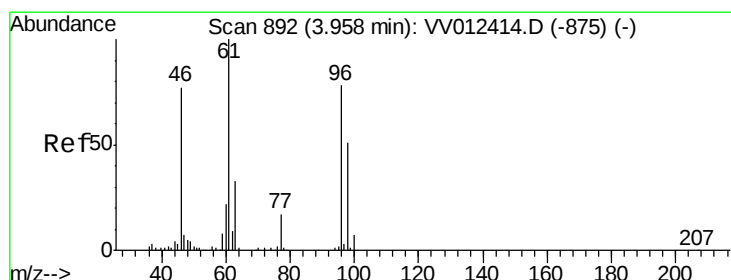
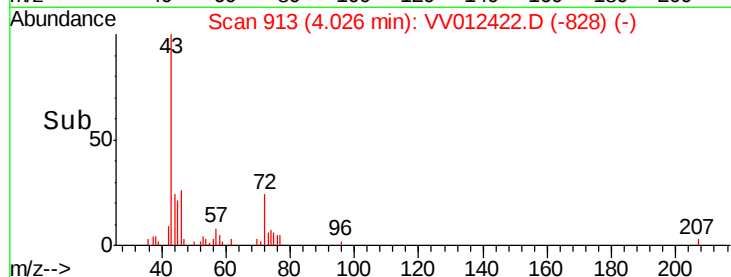
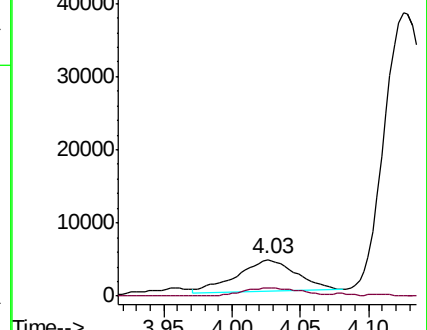
43 100

72 26.2 12.2 36.6



Abundance Ion 43.05 (42.75 to 43.75): VV012414.D (-900) (-)

Ion 72.10 (71.80 to 72.80): VV012414.D (-900) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.133 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

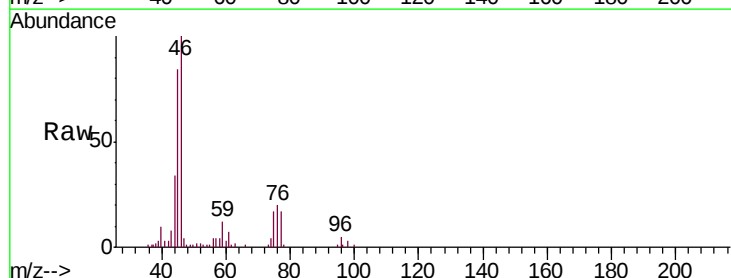
Tgt Ion: 96 Resp: 1898

Ion Ratio Lower Upper

96 100

61 119.7 89.4 166.0

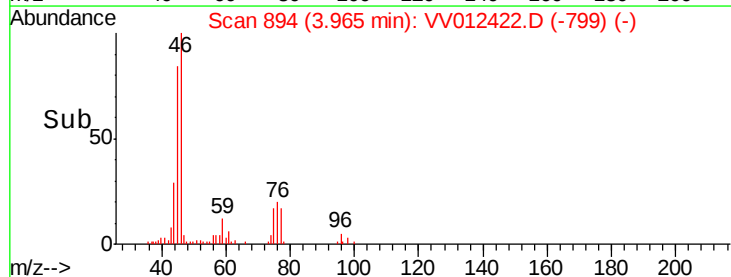
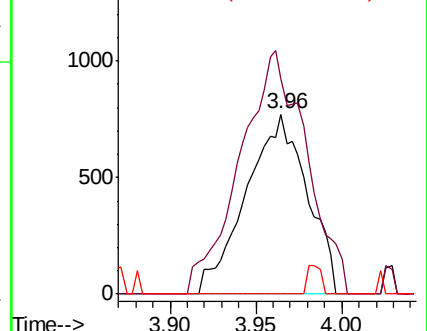
68 0.0 0.0 0.0

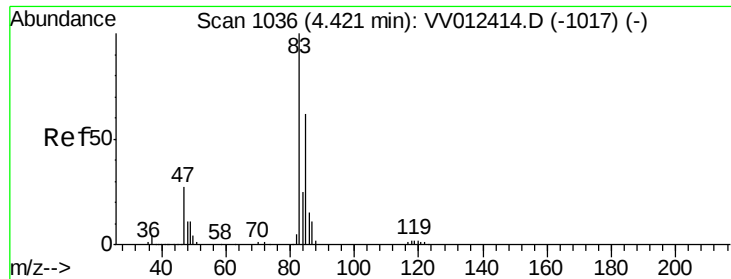


Abundance Ion 96.00 (95.70 to 96.70): VV012414.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VV012414.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VV012414.D (-875) (-)

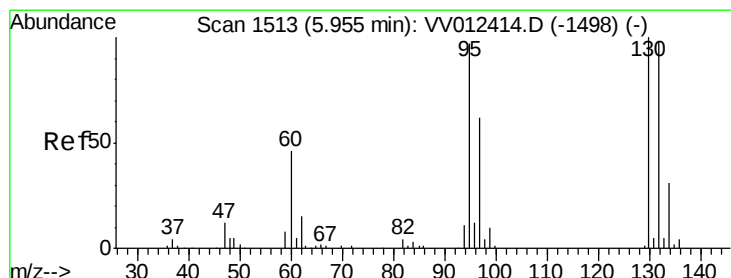
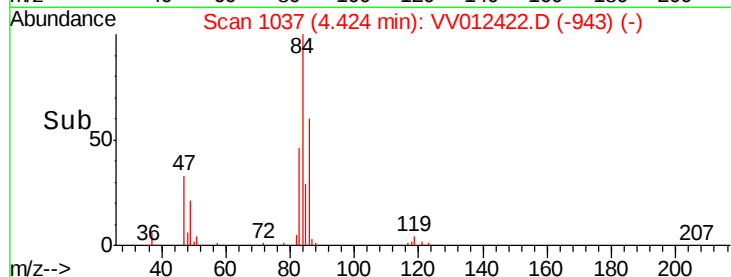
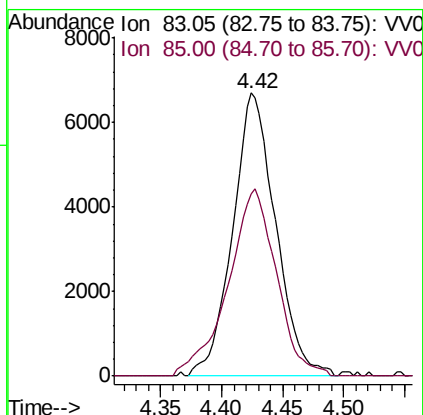
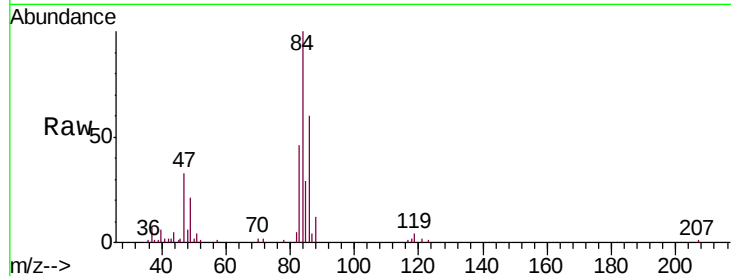




#25
Chloroform
Concen: 0.601 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

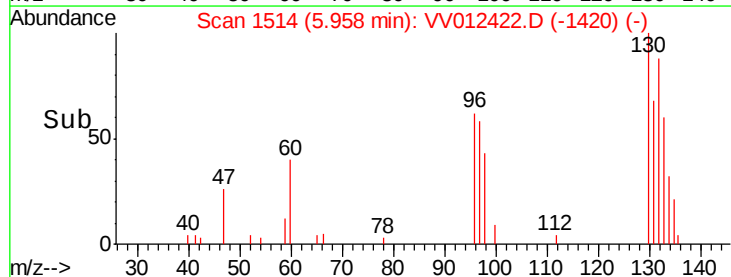
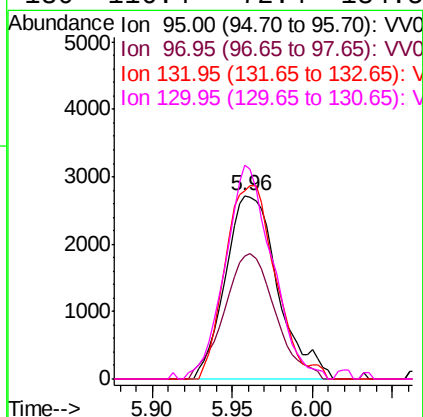
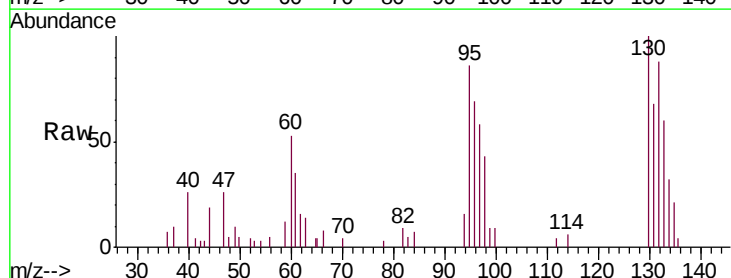
Instrument :
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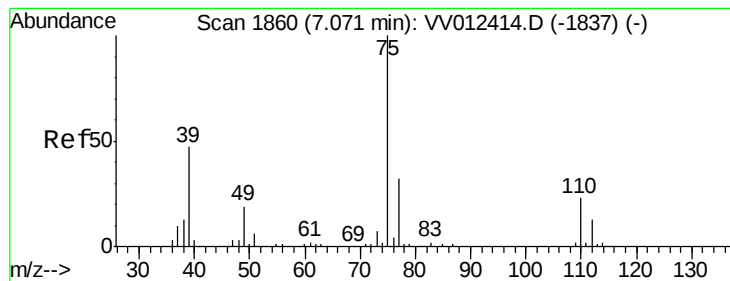
Tgt Ion: 83 Resp: 16344
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8



#34
Trichloroethene
Concen: 0.394 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

Tgt Ion: 95 Resp: 6101
Ion Ratio Lower Upper
95 100
97 67.1 46.3 86.1
132 102.2 70.3 130.7
130 116.4 72.4 134.5



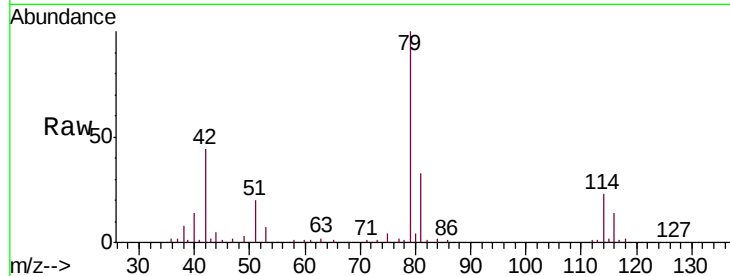


#39

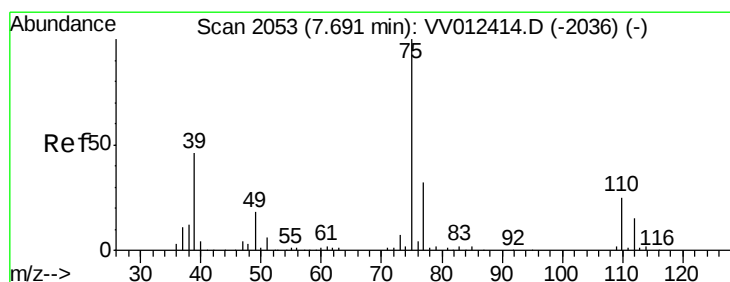
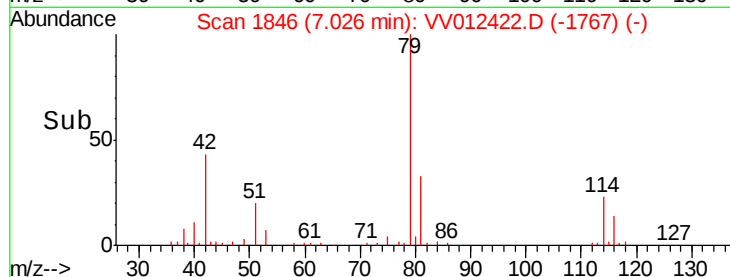
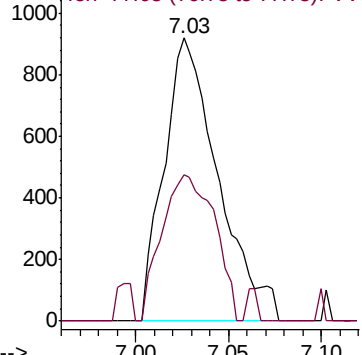
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

Instrument :
MSVOA_V
ClientSampled :
GANK9

Tgt Ion: 75 Resp: 1863
Ion Ratio Lower Upper
75 100
77 51.6 23.2 43.2#



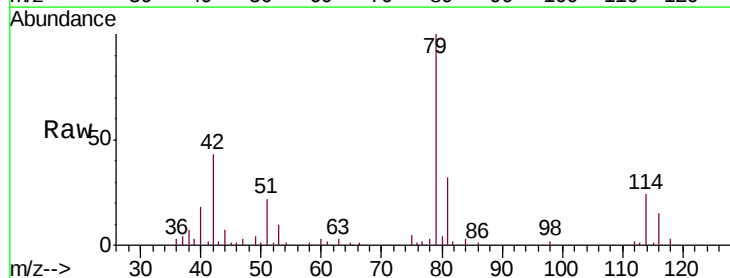
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



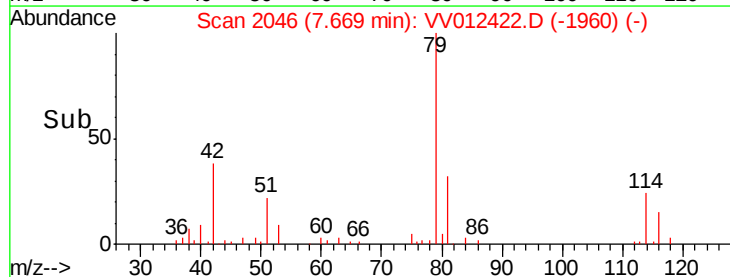
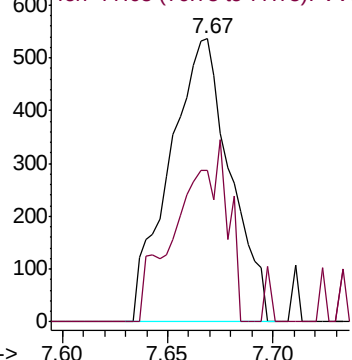
#44

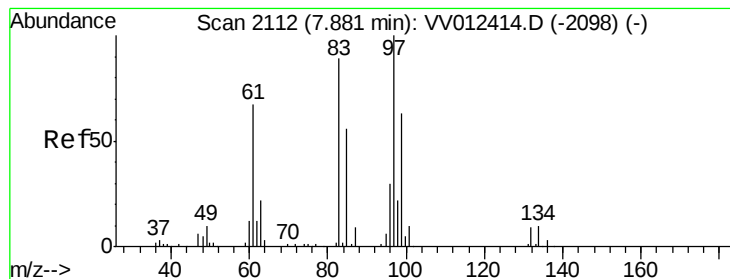
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

Tgt Ion: 75 Resp: 1077
Ion Ratio Lower Upper
75 100
77 53.7 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 2.653 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.13 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

Instrument :

MSVOA_V

ClientSampleId :

GANK9

Tgt Ion: 97 Resp: 24979

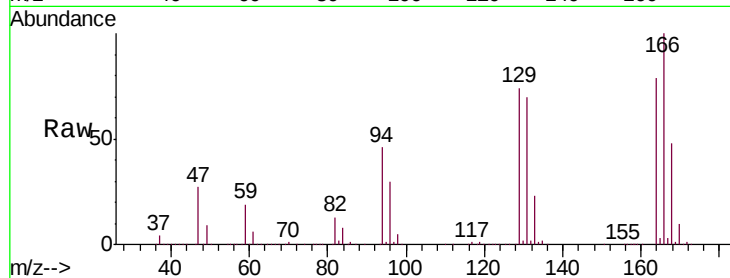
Ion Ratio Lower Upper

97 100

99 15.7 45.0 83.6#

83 280.0 59.3 110.1#

85 36.5 38.8 72.0#

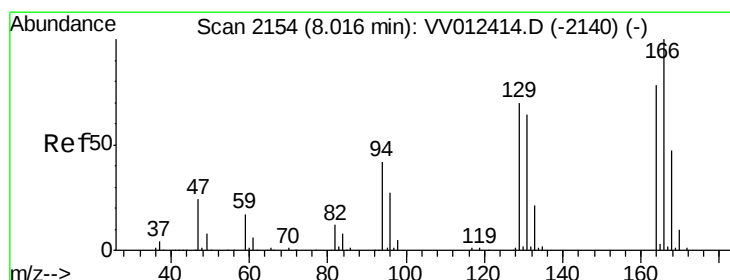
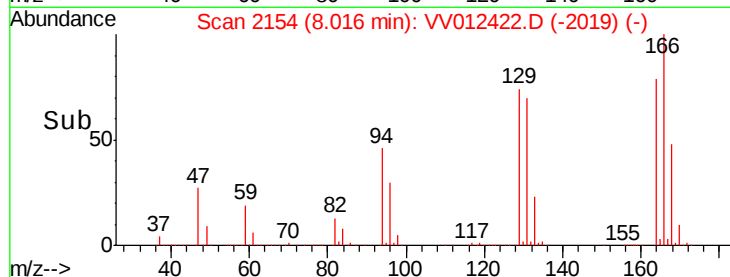
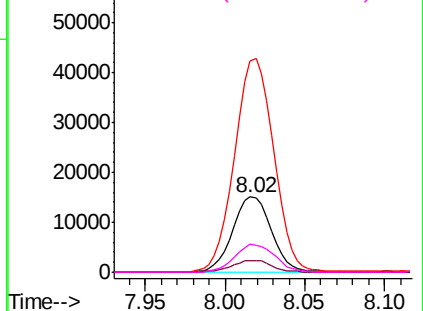


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 241.178 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012422.D

Acq: 27 Aug 2019 12:43

Tgt Ion: 164 Resp: 3012216

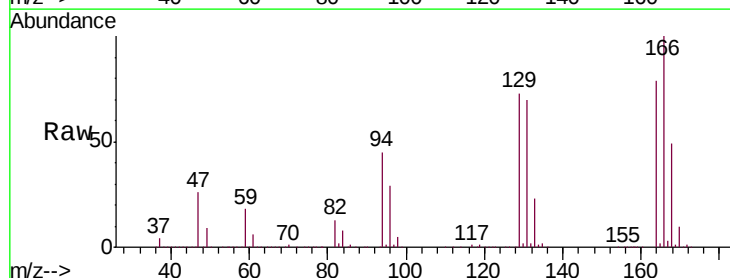
Ion Ratio Lower Upper

164 100

129 92.2 60.6 112.6

131 88.5 58.8 109.2

166 126.8 87.6 162.8

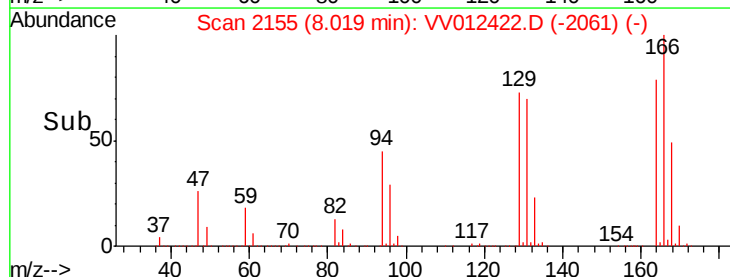
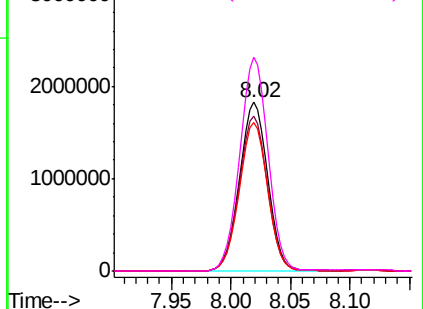


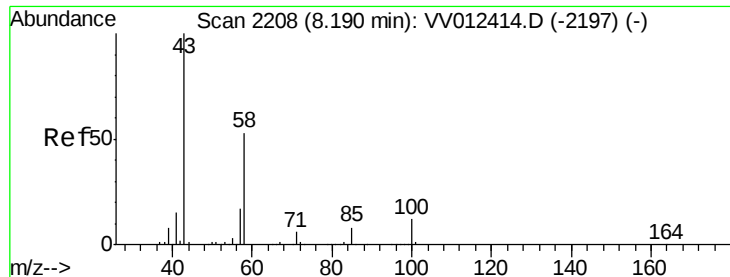
Abundance Ion 163.90 (163.60 to 164.60): V

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

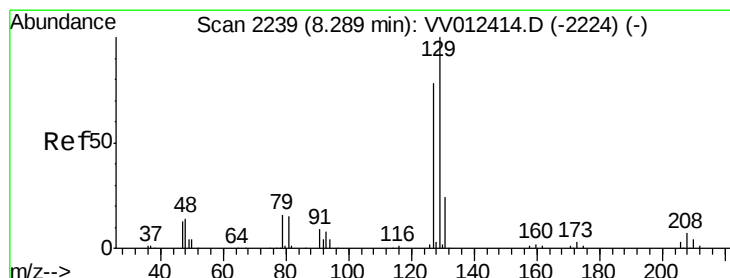
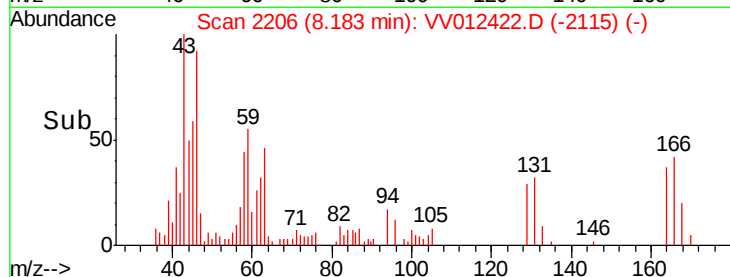
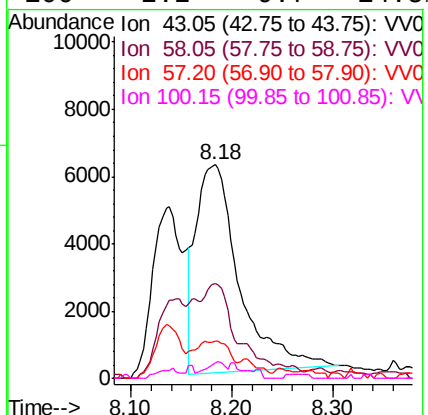
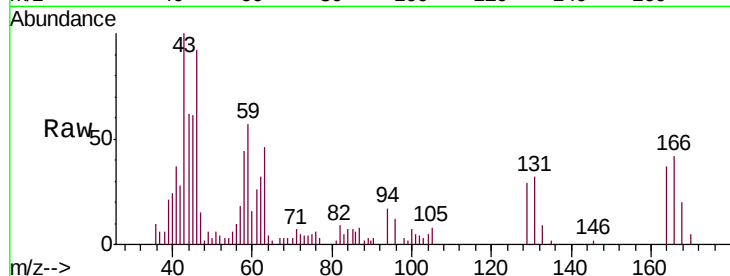




#48
2-Hexanone
Concen: 3.295 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

Instrument :
MSVOA_V
ClientSampleID :
GANK9

Tgt Ion: 43 Resp: 18508
Ion Ratio Lower Upper
43 100
58 36.9 46.3 69.5#
57 14.3 14.9 22.3#
100 2.2 9.7 14.5#



#49
Dibromochloromethane
Concen: 235.177 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012422.D
Acq: 27 Aug 2019 12:43

Tgt Ion: 129 Resp: 2653487
Ion Ratio Lower Upper
129 100
127 0.0 53.8 99.8#

