

Data File : VU034126.D
Acq On : 31 Aug 2019 16:24
Operator : JC/SP
Sample : K4500-15 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANK9

Quant Time: Sep 01 01:44:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 01 01:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	352491	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	342703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	163863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	113720	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.67	69	97390	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.26	63	165681	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.17	46	272423	49.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.34%
24) Chloroform-d	4.63	84	203700	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.29	65	104564	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.32	84	447732	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.31	67	140637	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.55	98	381768	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.84	79	47014	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.30	63	210633	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	102808	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	147781	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

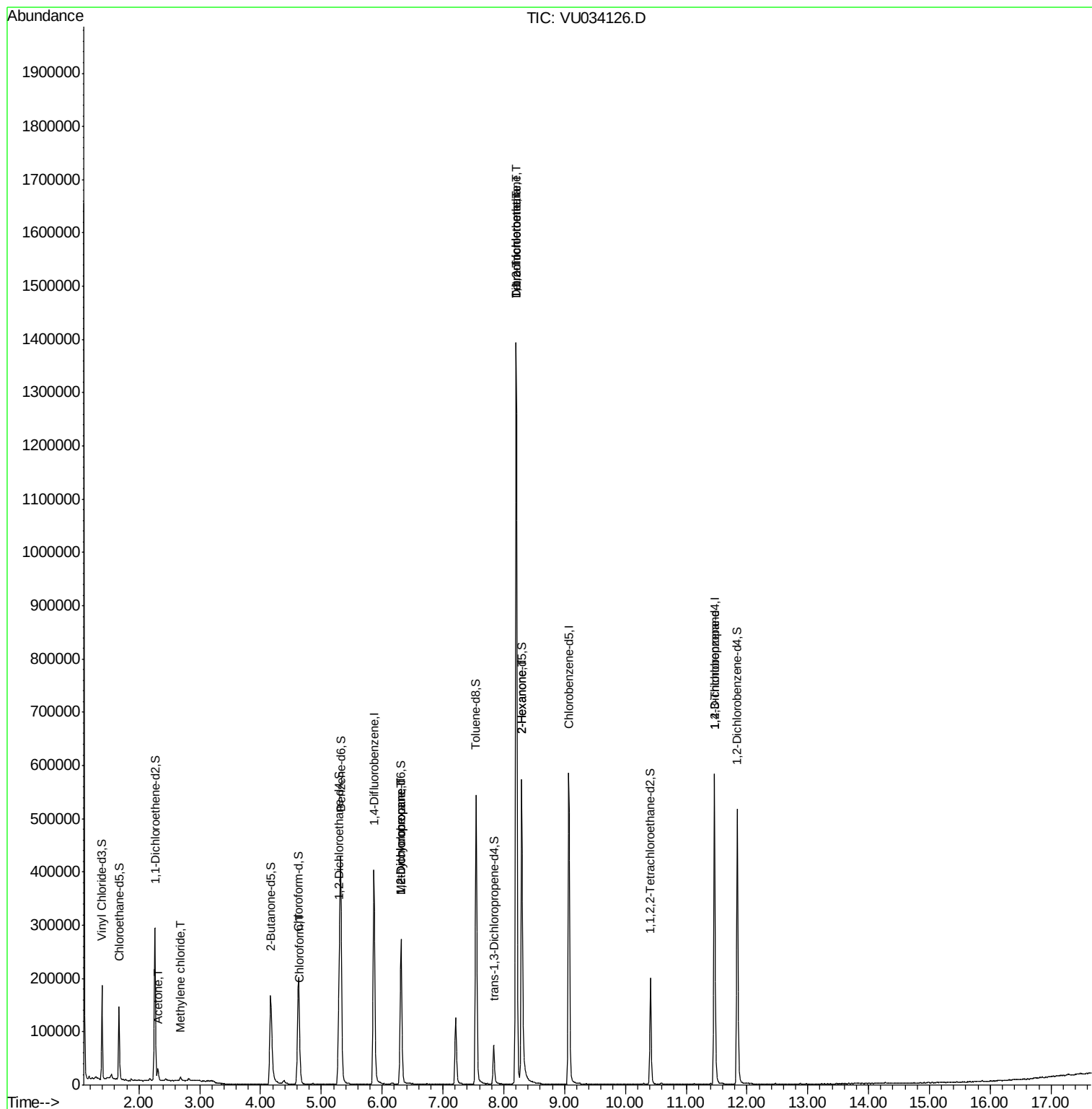
					Qvalue
13) Acetone	2.31	43	20292	5.526	ug/L 100
16) Methylene chloride	2.68	84	2920	0.117	ug/L 91
25) Chloroform	4.65	83	8671	0.182	ug/L 99
35) Methylcyclohexane	6.31	83	30355	0.686	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	14196	0.532	ug/L # 88
45) 1,1,2-Trichloroethane	8.21	97	2558	0.149	ug/L # 1
47) Tetrachloroethene	8.21	164	329623	15.012	ug/L 97
48) 2-Hexanone	8.30	43	22180	2.149	ug/L # 70
49) Dibromochloromethane	8.21	129	304559	14.988	ug/L # 11
59) 1,2,3-Trichloropropane	11.47	75	18608	1.217	ug/L 92

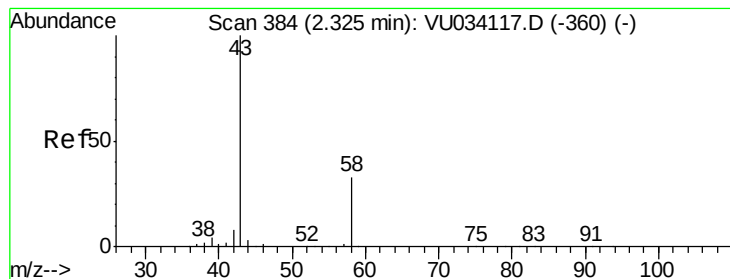
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.526 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034126.D

Acq: 31 Aug 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

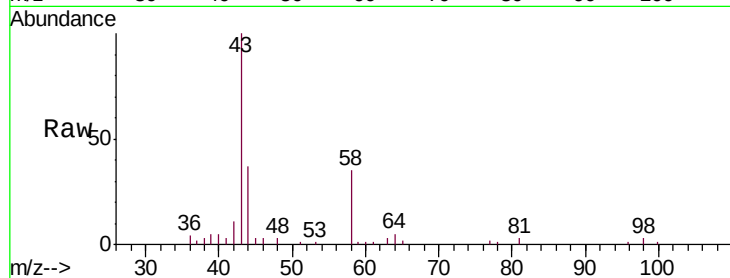
GANK9

Tgt Ion: 43 Resp: 20292

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034117.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU034117.D (-360) (-)

2.31

15000

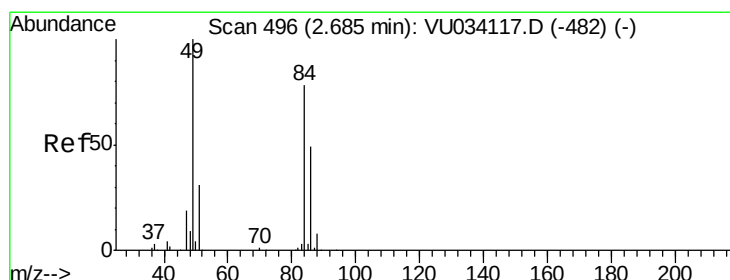
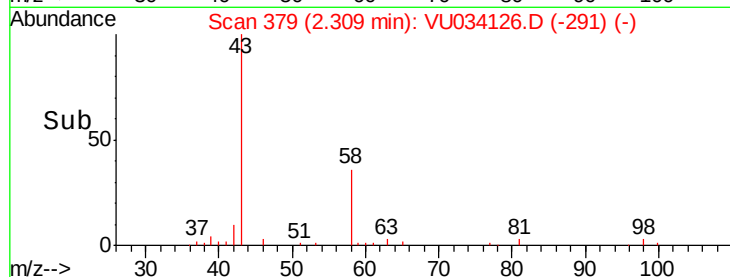
10000

5000

0

Time-->

2.25 2.30 2.35



#16

Methylene chloride

Concen: 0.117 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034126.D

Acq: 31 Aug 2019 16:24

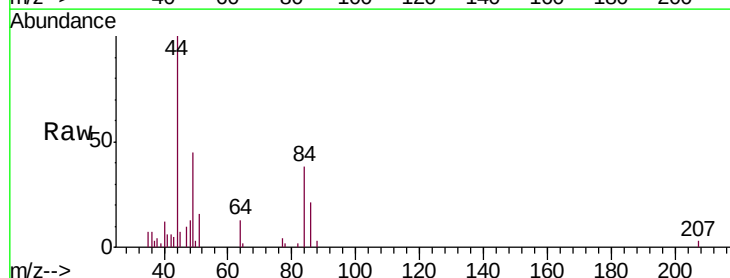
Tgt Ion: 84 Resp: 2920

Ion Ratio Lower Upper

84 100

86 54.5 44.4 82.5

49 120.2 90.2 167.4



Abundance Ion 84.05 (83.75 to 84.75): VU034117.D (-482) (-)

Ion 86.00 (85.70 to 86.70): VU034117.D (-482) (-)

Ion 49.10 (48.80 to 49.80): VU034117.D (-482) (-)

2.68

2500

2000

1500

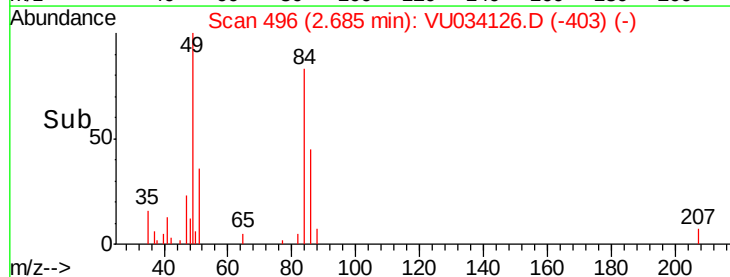
1000

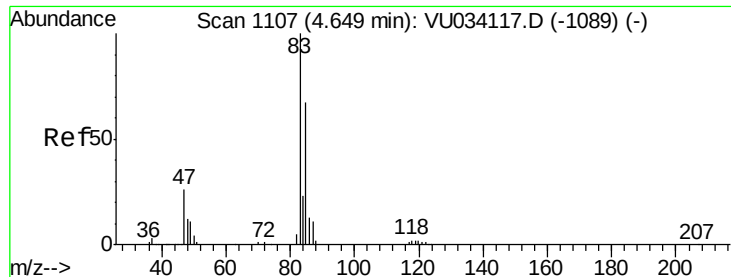
500

0

Time-->

2.65 2.70

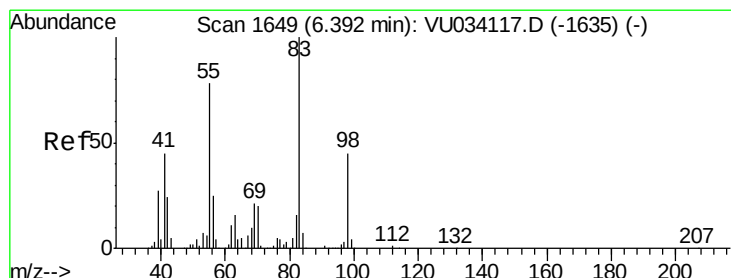
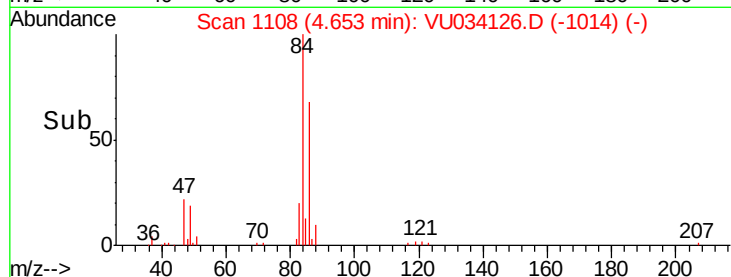
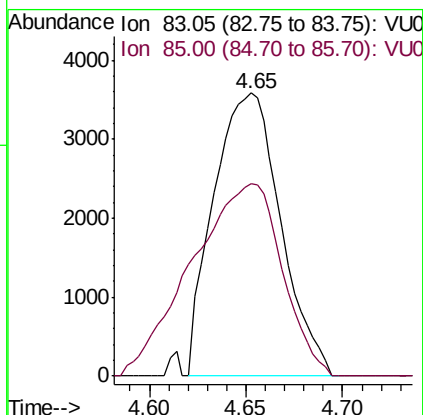
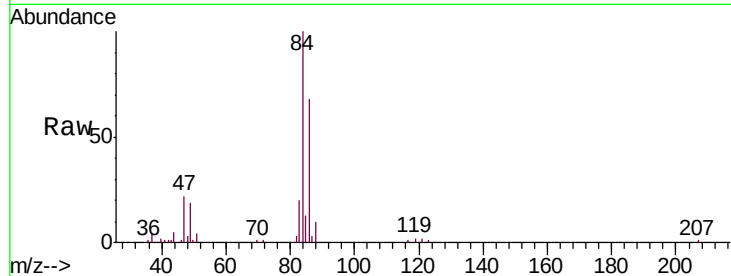




#25
Chloroform
Concen: 0.182 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034126.D
Acq: 31 Aug 2019 16:24

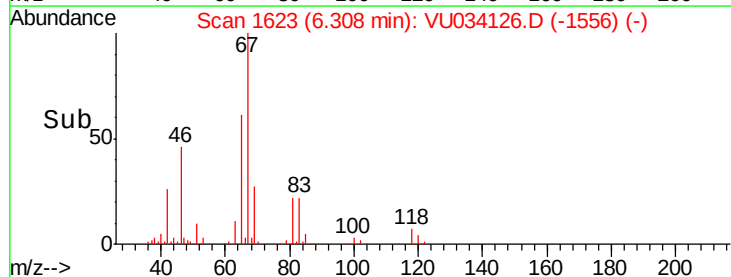
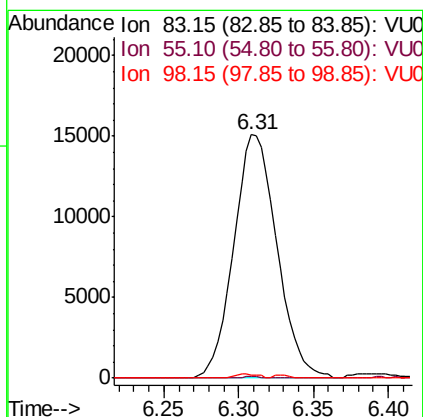
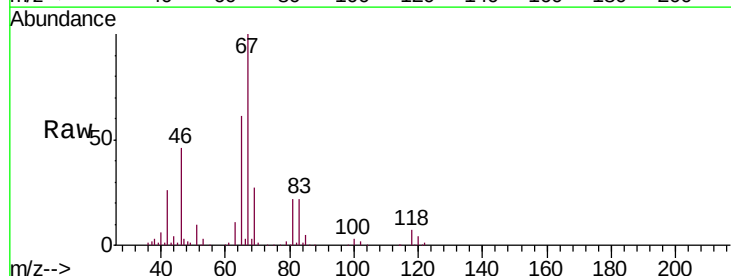
Instrument :
MSVOA_U
ClientSampleId :
GANK9

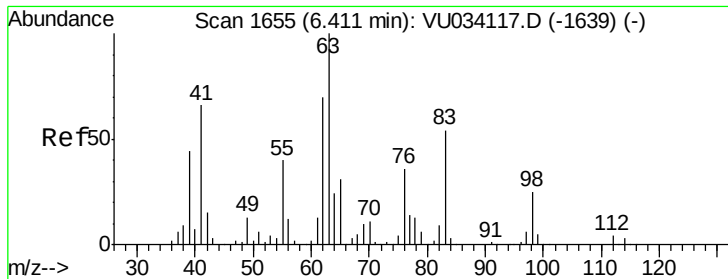
Tgt Ion: 83 Resp: 8671
Ion Ratio Lower Upper
83 100
85 68.0 46.8 86.8



#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034126.D
Acq: 31 Aug 2019 16:24

Tgt Ion: 83 Resp: 30355
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.8 36.2 54.2#

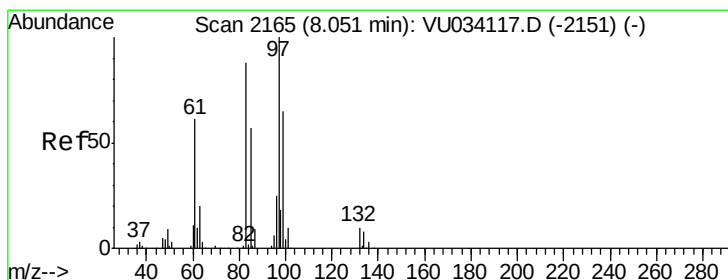
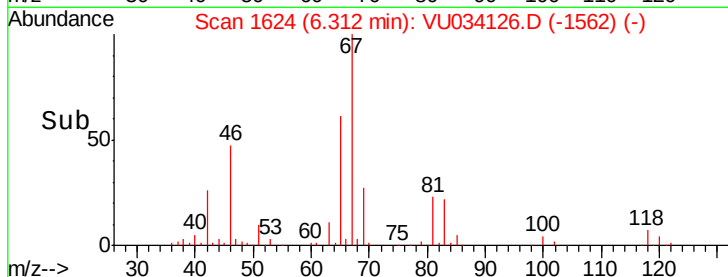
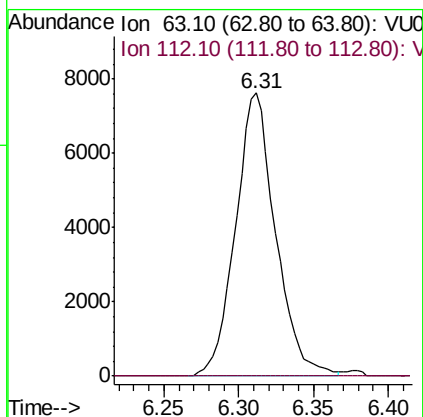
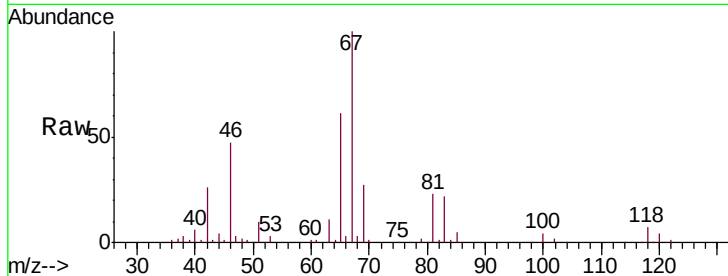




#37
 1,2-Dichloropropane
 Concen: 0.532 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034126.D
 Acq: 31 Aug 2019 16:24

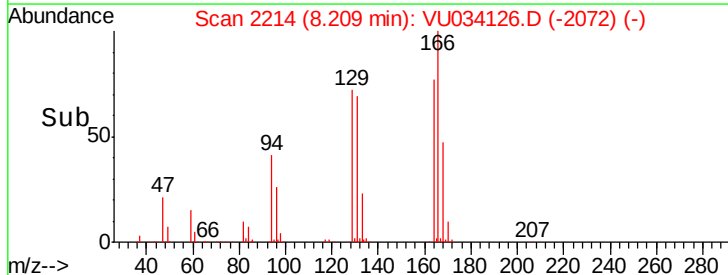
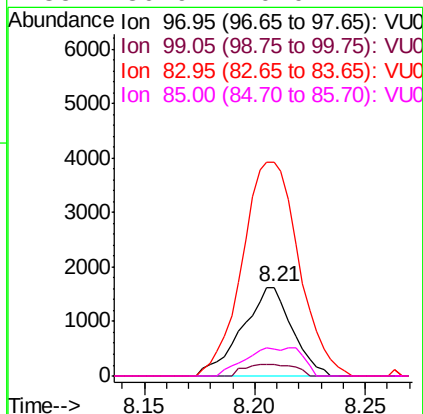
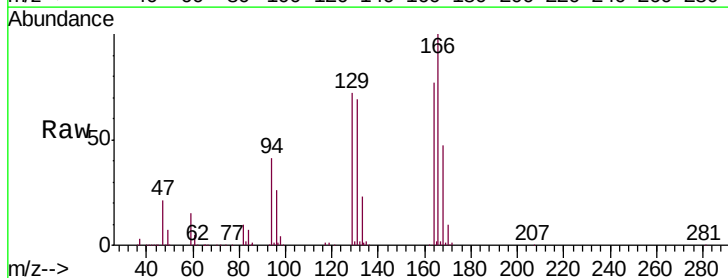
Instrument :
 MSVOA_U
 ClientSampled :
 GANK9

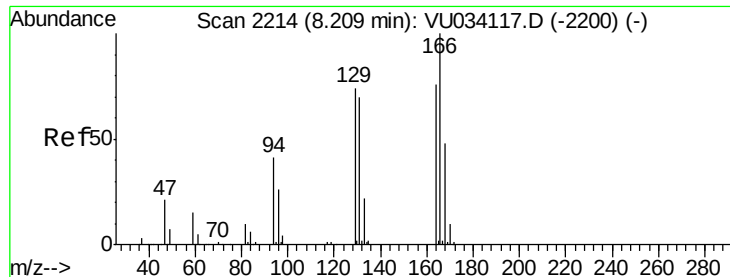
Tgt Ion: 63 Resp: 14196
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.3 4.9#



#45
 1,1,2-Trichloroethane
 Concen: 0.149 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. 0.16 min
 Lab File: VU034126.D
 Acq: 31 Aug 2019 16:24

Tgt Ion: 97 Resp: 2558
 Ion Ratio Lower Upper
 97 100
 99 12.3 45.5 84.5#
 83 240.5 61.5 114.3#
 85 30.9 40.0 74.2#





#47

Tetrachloroethene

Concen: 15.012 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU034126.D

Acq: 31 Aug 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

GANK9

Tgt Ion:164 Resp: 329623

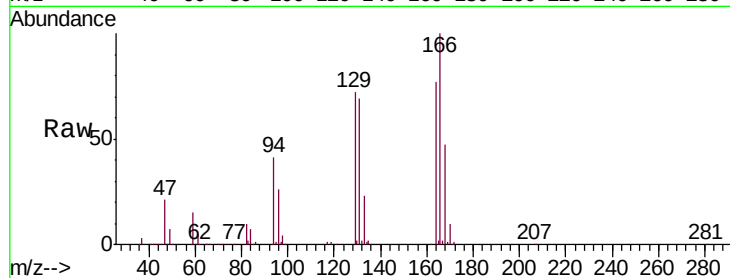
Ion Ratio Lower Upper

164 100

129 93.2 68.0 126.2

131 89.4 64.6 120.0

166 129.3 92.0 170.8

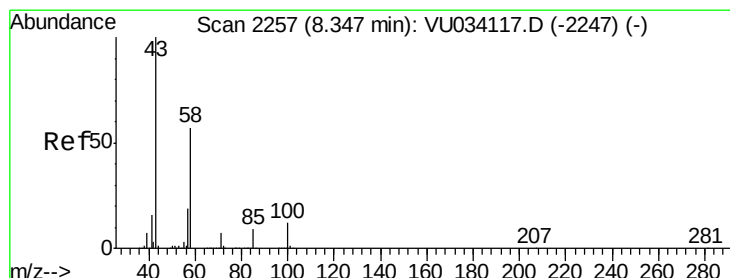
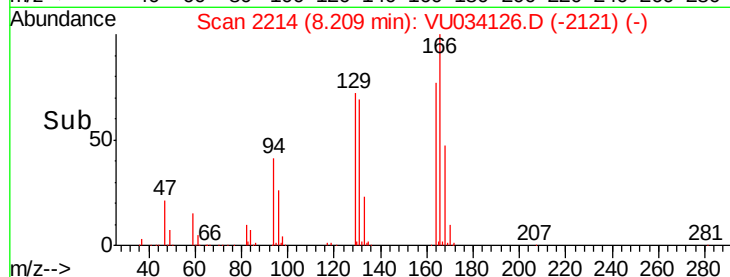
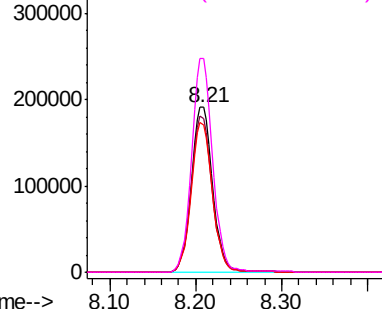


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.149 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. -0.05 min

Lab File: VU034126.D

Acq: 31 Aug 2019 16:24

Tgt Ion: 43 Resp: 22180

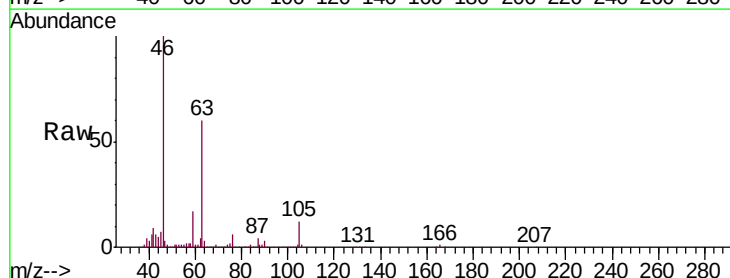
Ion Ratio Lower Upper

43 100

58 32.4 44.9 67.3#

57 30.6 15.0 22.6#

100 1.3 9.2 13.8#

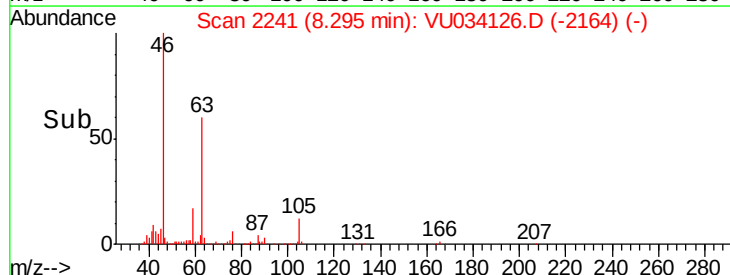
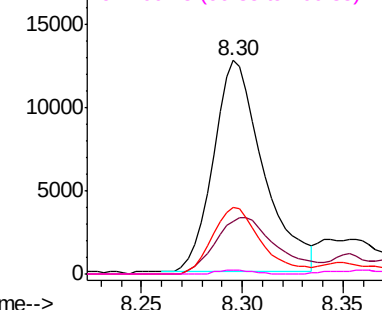


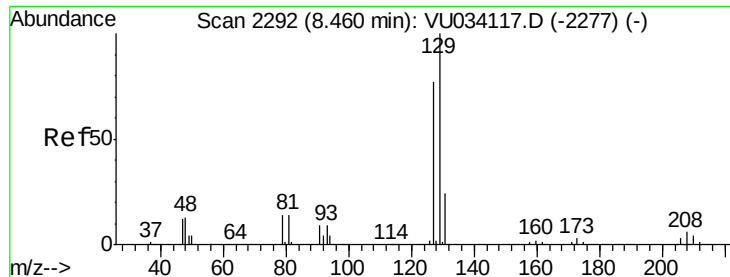
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 14.988 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034126.D

Acq: 31 Aug 2019 16:24

Instrument :

MSVOA_U

ClientSampleId :

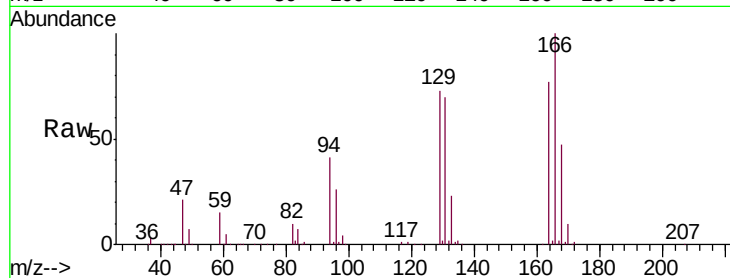
GANK9

Tgt Ion: 129 Resp: 304559

Ion Ratio Lower Upper

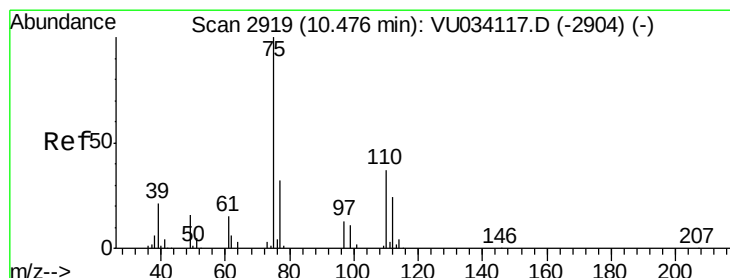
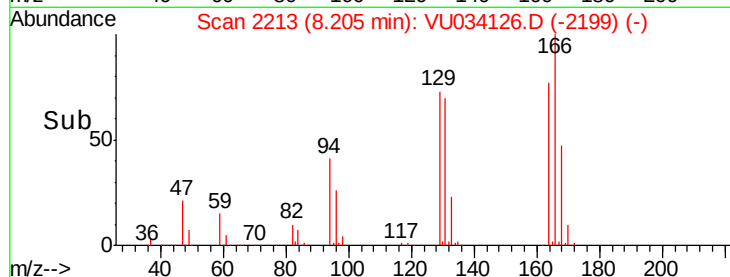
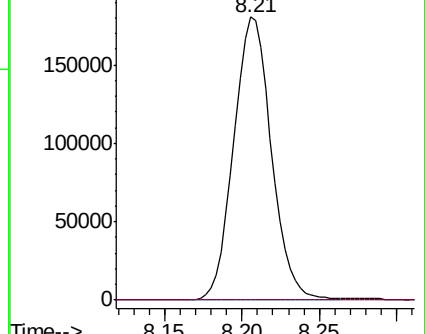
129 100

127 0.0 54.2 100.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.217 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034126.D

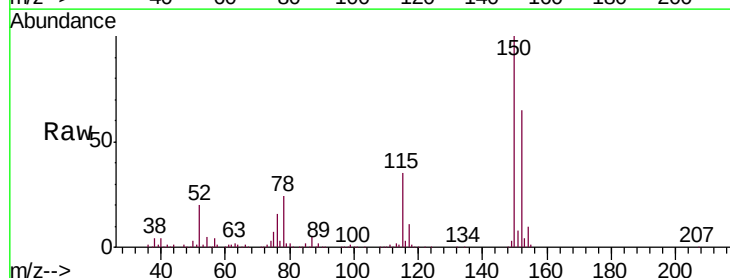
Acq: 31 Aug 2019 16:24

Tgt Ion: 75 Resp: 18608

Ion Ratio Lower Upper

75 100

77 36.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

