

Data File : VU034127.D
Acq On : 31 Aug 2019 16:48
Operator : JC/SP
Sample : K4500-16 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANLO

Quant Time: Sep 01 01:44:46 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	327411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	324051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	151443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	113689	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	97331	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.26	63	165134	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.17	46	270012	53.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.62	84	195700	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.29	65	104153	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.32	84	440913	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.31	67	138172	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.55	98	378235	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.84	79	44334	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.30	63	208516	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	101082	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	142827	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

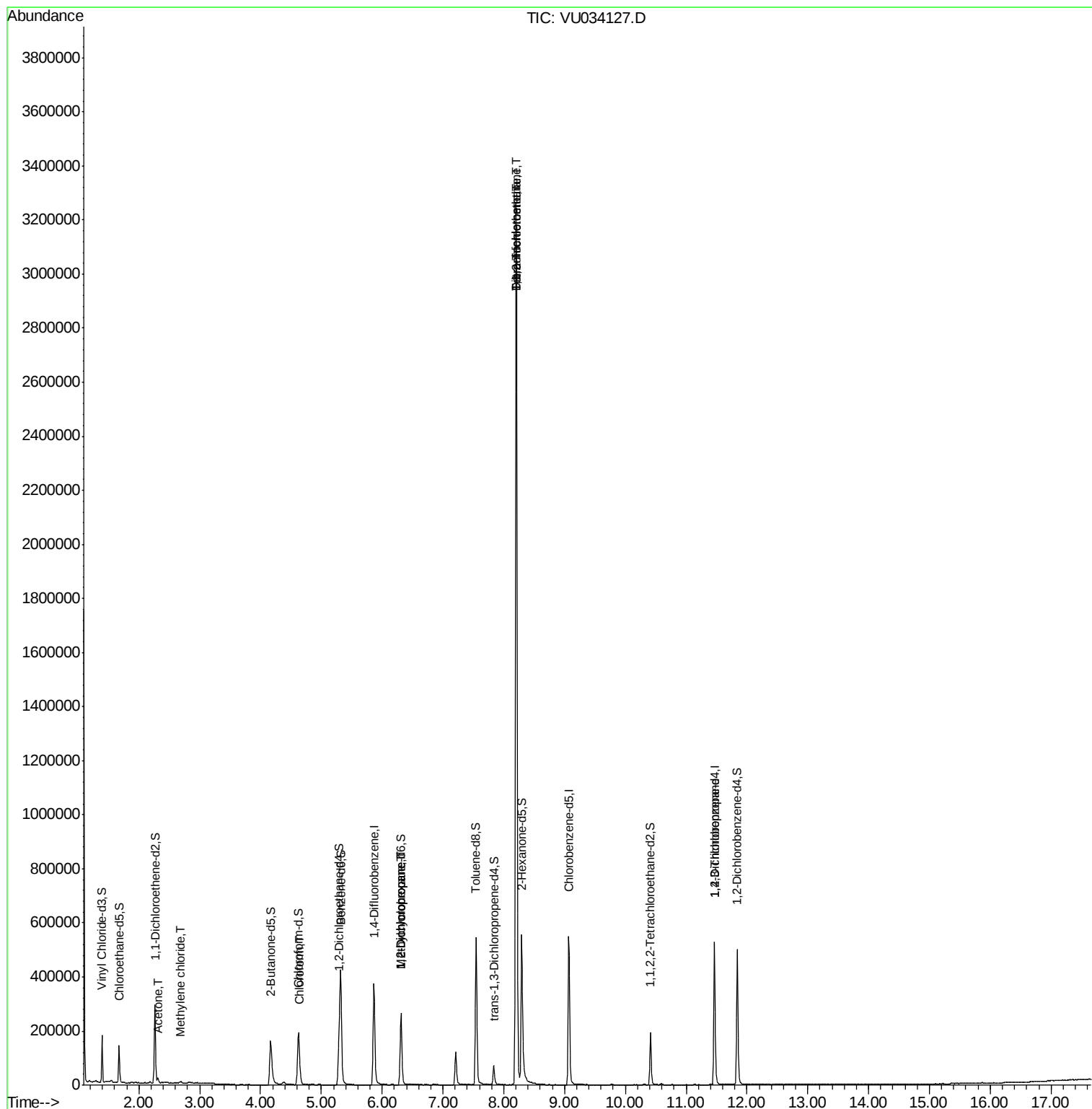
					Qvalue
13) Acetone	2.31	43	17081	5.008 ug/L	95
16) Methylene chloride	2.68	84	2731	0.118 ug/L	94
25) Chloroform	4.65	83	17063	0.386 ug/L	96
35) Methylcyclohexane	6.31	83	29859	0.713 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	13674	0.541 ug/L #	89
45) 1,1,2-Trichloroethane	8.21	97	6186	0.382 ug/L #	1
47) Tetrachloroethene	8.21	164	787391	37.925 ug/L	97
49) Dibromochloromethane	8.21	129	727277	37.850 ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	17034	1.178 ug/L #	84

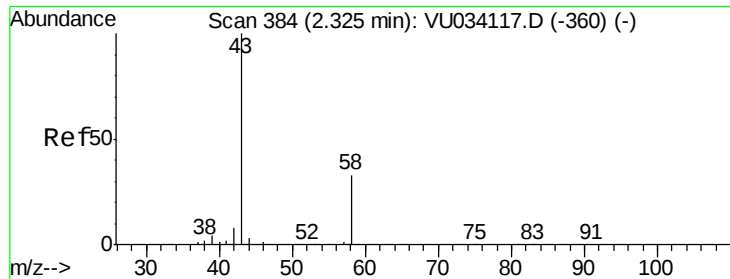
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.008 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034127.D

Acq: 31 Aug 2019 16:48

Instrument :

MSVOA_U

ClientSampled :

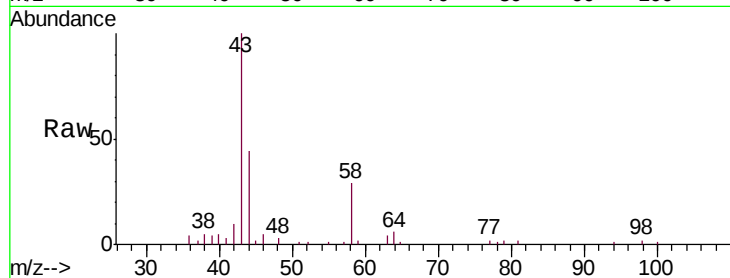
GANLO

Tgt Ion: 43 Resp: 17081

Ion Ratio Lower Upper

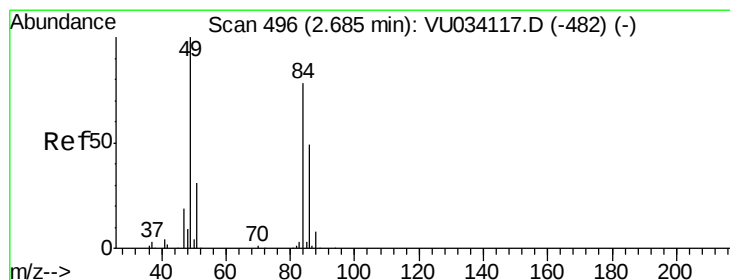
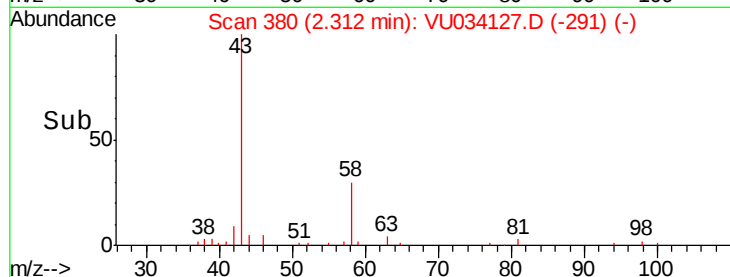
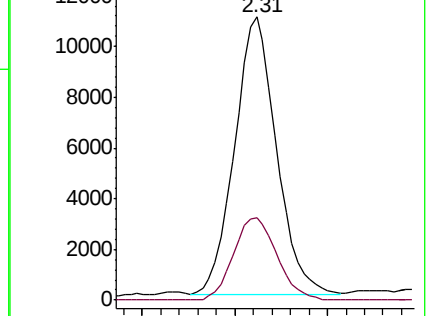
43 100

58 30.9 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034127.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU034127.D (-360) (-)



#16

Methylene chloride

Concen: 0.118 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034127.D

Acq: 31 Aug 2019 16:48

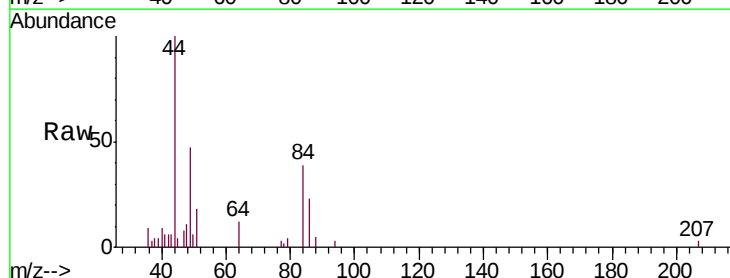
Tgt Ion: 84 Resp: 2731

Ion Ratio Lower Upper

84 100

86 60.3 44.4 82.5

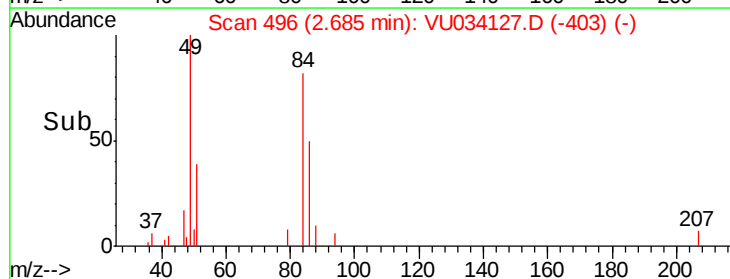
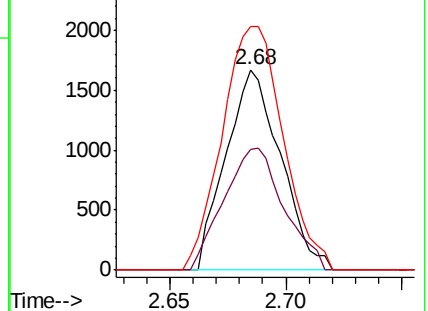
49 121.3 90.2 167.4

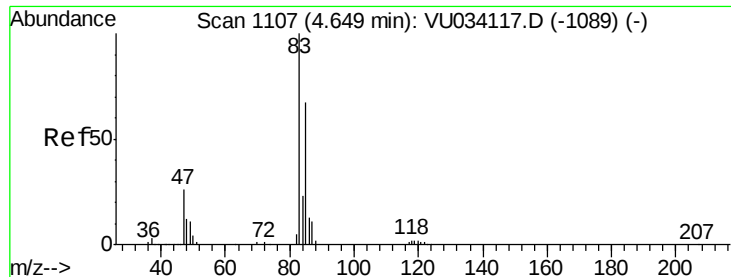


Abundance Ion 84.05 (83.75 to 84.75): VU034127.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU034127.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU034127.D (-403) (-)

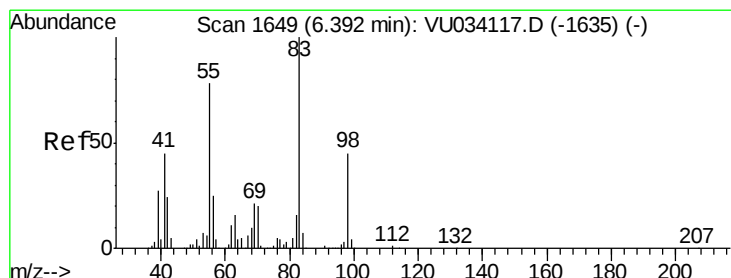
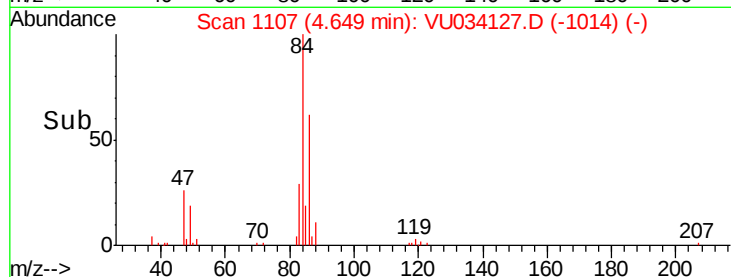
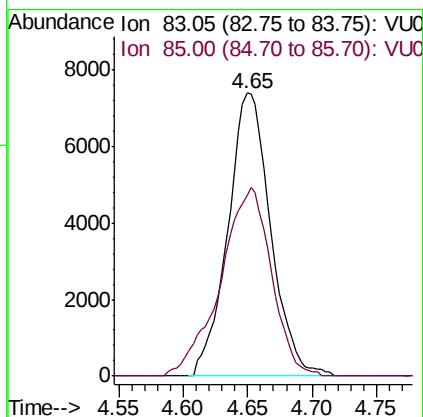
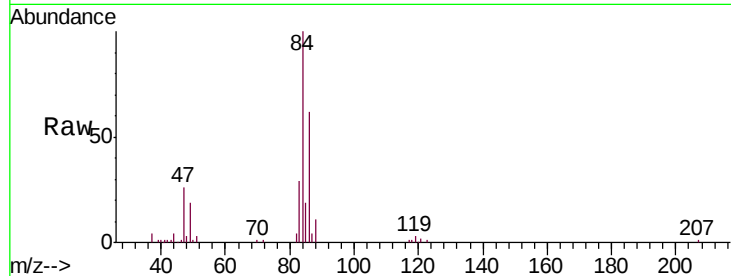




#25
Chloroform
Concen: 0.386 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034127.D
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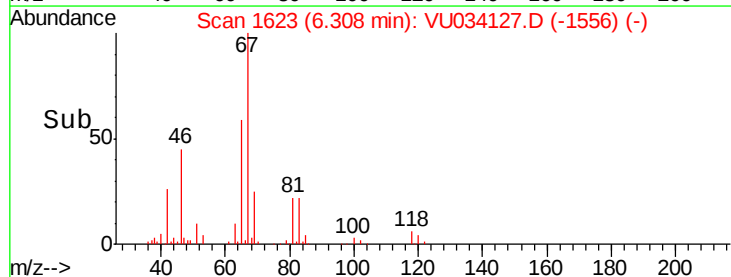
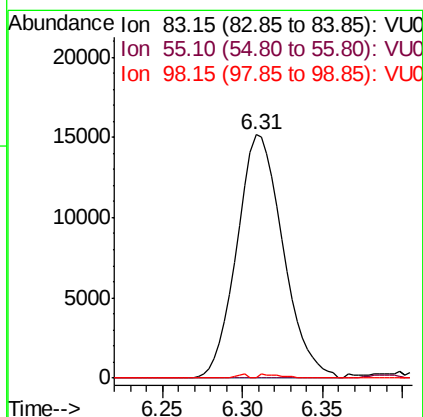
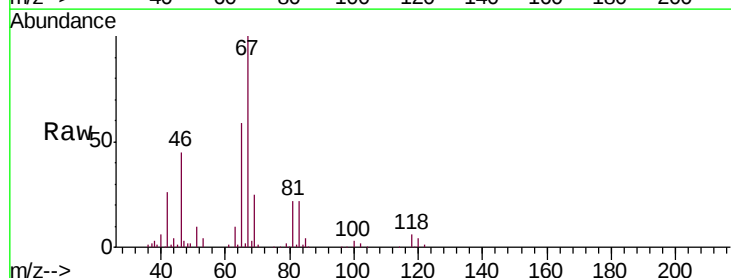
Instrument :
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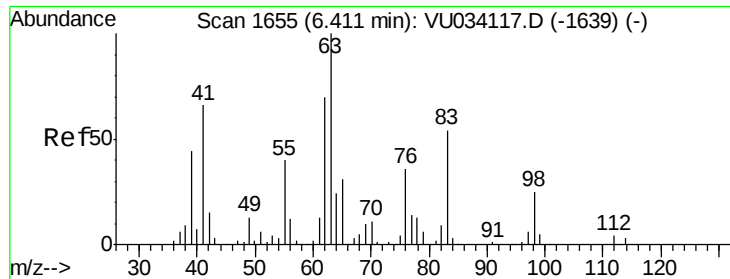
Tgt Ion: 83 Resp: 17063
Ion Ratio Lower Upper
83 100
85 63.8 46.8 86.8



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034127.D
Acq: 31 Aug 2019 16:48

Tgt Ion: 83 Resp: 29859
Ion Ratio Lower Upper
83 100
55 0.8 62.6 94.0#
98 0.8 36.2 54.2#

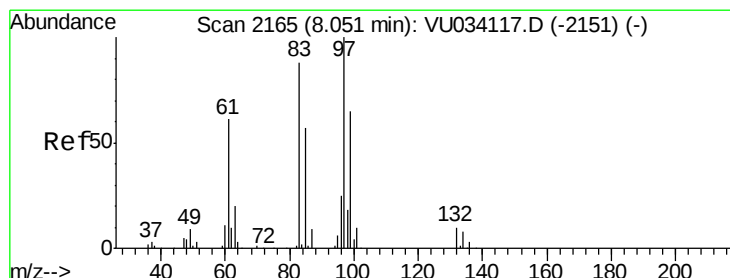
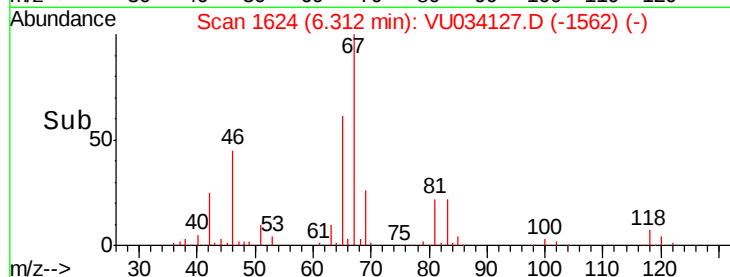
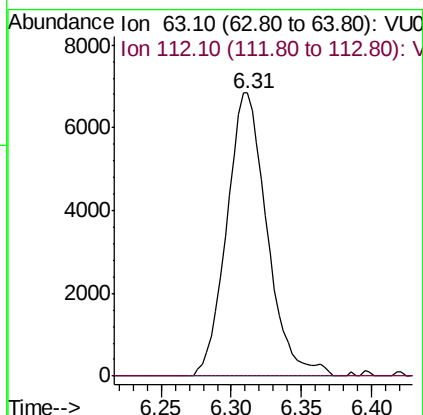
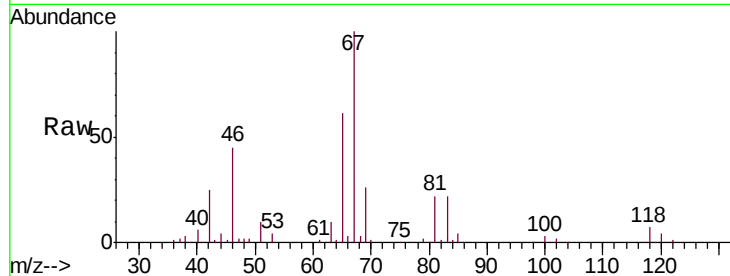




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU034127.D
 Acq: 31 Aug 2019 16:48

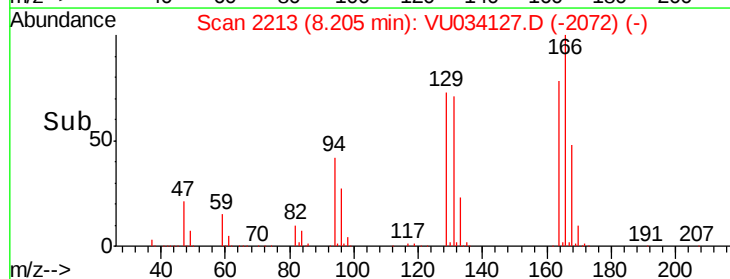
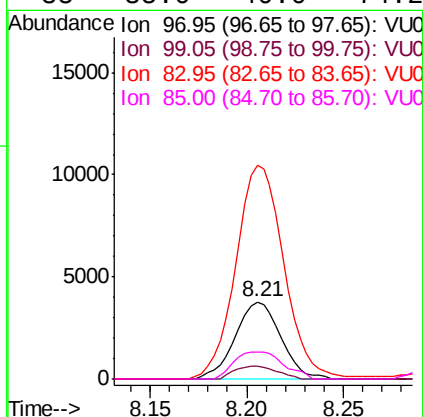
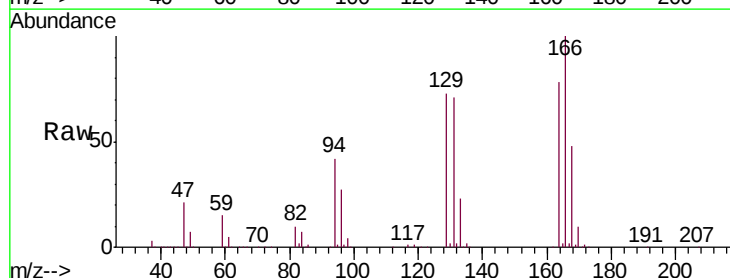
Instrument :
 MSVOA_U
 ClientSampleId :
 GANLO

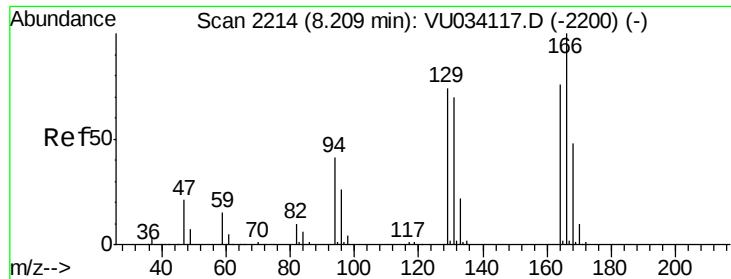
Tgt Ion: 63 Resp: 13674
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.3 4.9#



#45
 1,1,2-Trichloroethane
 Concen: 0.382 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. 0.15 min
 Lab File: VU034127.D
 Acq: 31 Aug 2019 16:48

Tgt Ion: 97 Resp: 6186
 Ion Ratio Lower Upper
 97 100
 99 17.1 45.5 84.5#
 83 276.2 61.5 114.3#
 85 35.0 40.0 74.2#





#47

Tetrachloroethene

Concen: 37.925 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034127.D

Acq: 31 Aug 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

GANLO

Tgt Ion:164 Resp: 787391

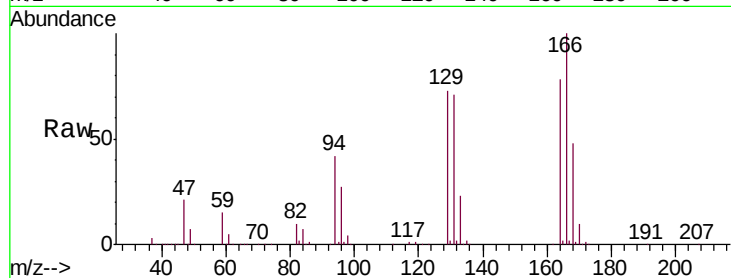
Ion Ratio Lower Upper

164 100

129 93.2 68.0 126.2

131 91.2 64.6 120.0

166 128.4 92.0 170.8

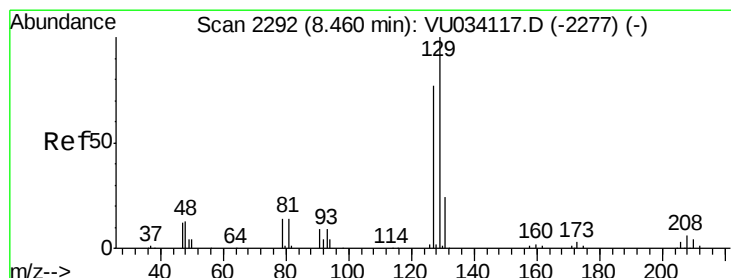
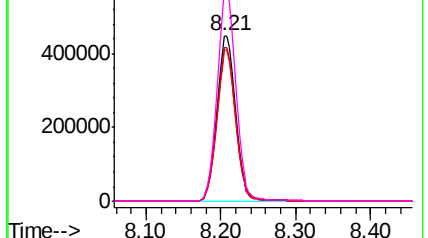
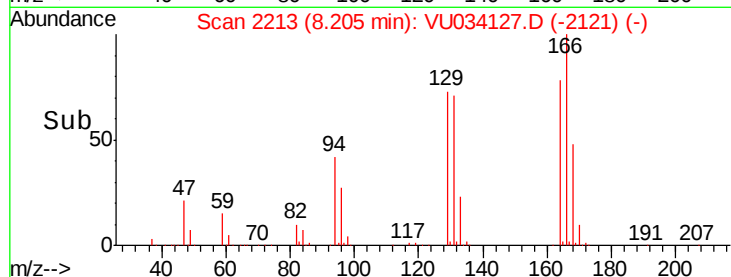


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 37.850 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034127.D

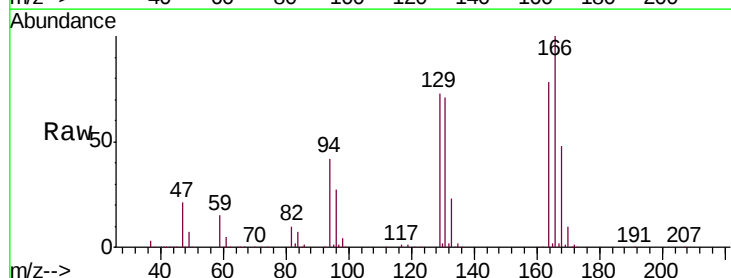
Acq: 31 Aug 2019 16:48

Tgt Ion:129 Resp: 727277

Ion Ratio Lower Upper

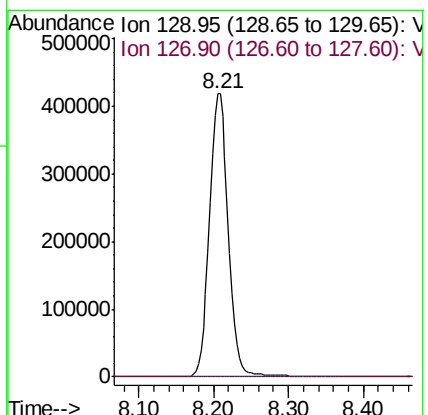
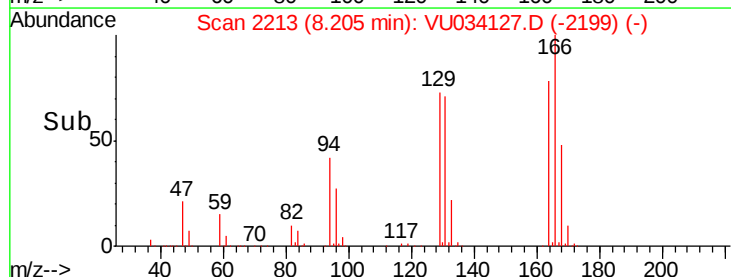
129 100

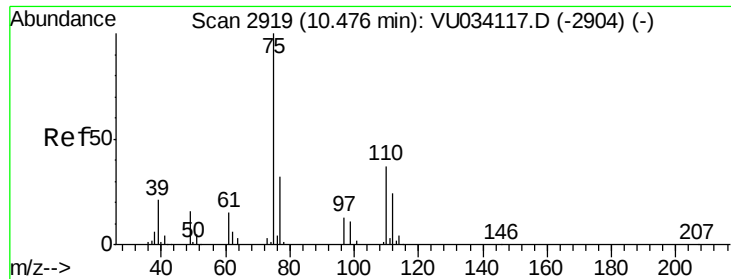
127 0.0 54.2 100.6#



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: 1.178 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU034127.D

Acq: 31 Aug 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

GANLO

Tgt Ion: 75 Resp: 17034

Ion Ratio Lower Upper

75 100

77 41.5 26.0 39.0#

