

Data File : VU034122.D
Acq On : 31 Aug 2019 14:48
Operator : JC/SP
Sample : K4501-01DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANL6DL

Quant Time: Sep 01 01:44:01 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	341313	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	328783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	162341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111991	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	94177	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.26	63	158287	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.17	46	266781	50.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.62	84	196314	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.29	65	100230	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.32	84	430173	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.31	67	133990	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.55	98	370746	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.84	79	47360	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.30	63	209062	50.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	99232	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	147629	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

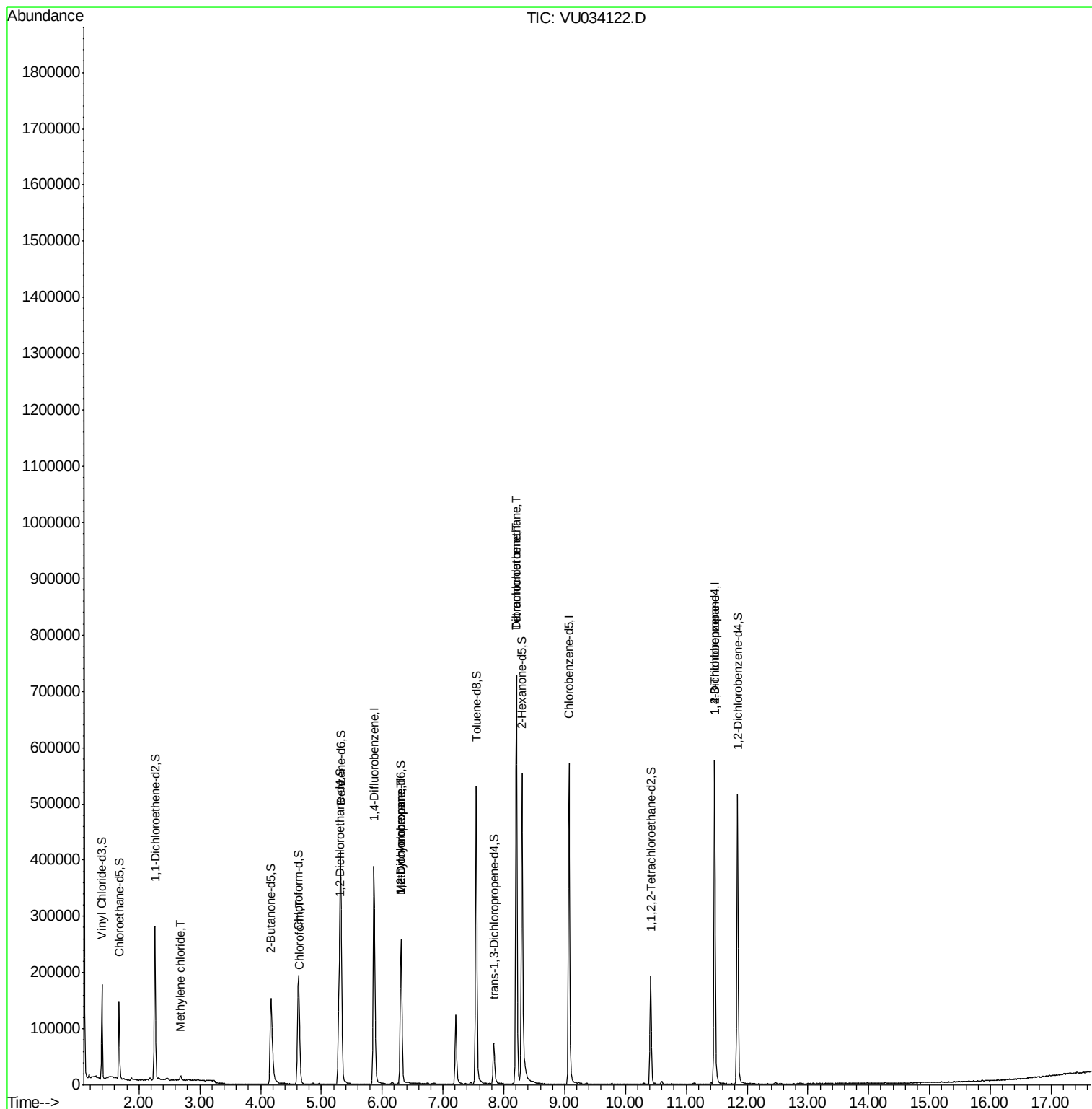
					Qvalue
16) Methylene chloride	2.69	84	3007	0.125 ug/L	98
25) Chloroform	4.65	83	7547	0.164 ug/L	95
35) Methylcyclohexane	6.31	83	30016	0.707 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	13691	0.534 ug/L #	88
47) Tetrachloroethene	8.21	164	173411	8.232 ug/L	96
49) Dibromochloromethane	8.21	129	161086	8.263 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	18146	1.237 ug/L	95

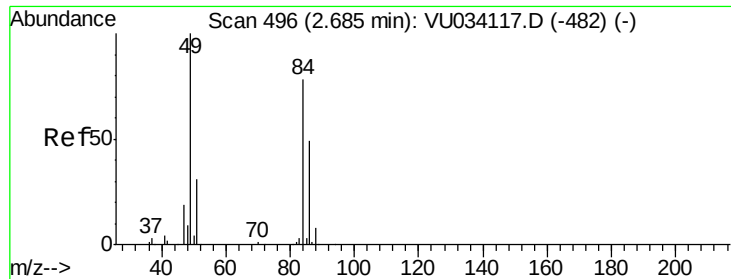
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034122.D
Acq On : 31 Aug 2019 14:48
Operator : JC/SP
Sample : K4501-01DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GANL6DL

Quant Time: Sep 01 01:44:01 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

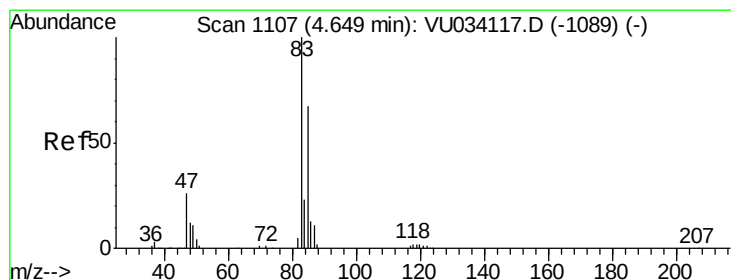
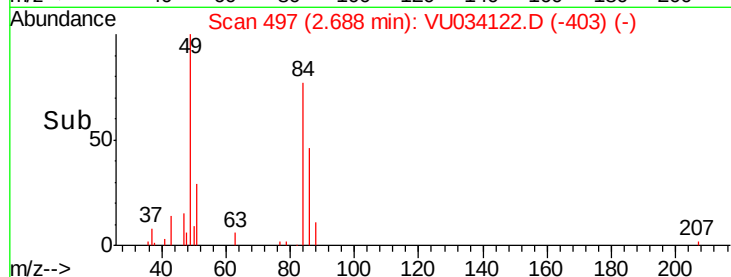
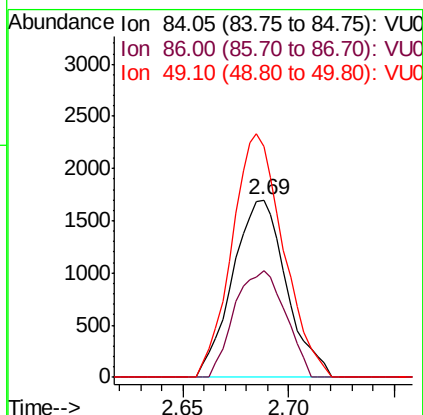
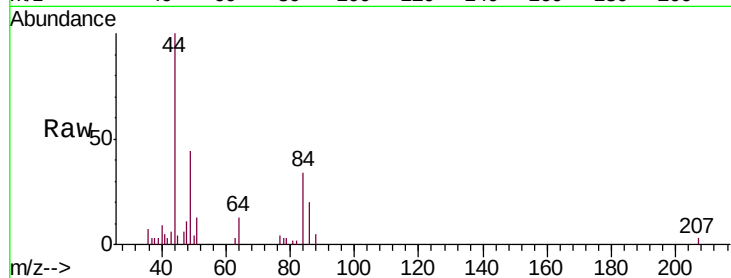




#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034122.D
Acq: 31 Aug 2019 14:48

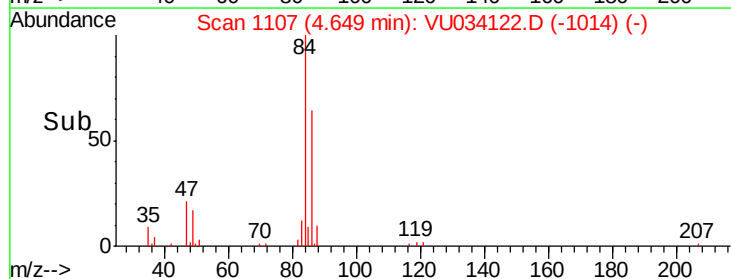
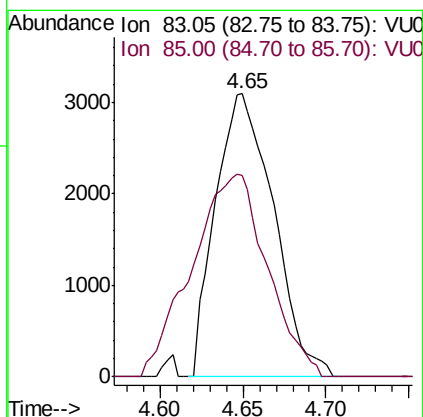
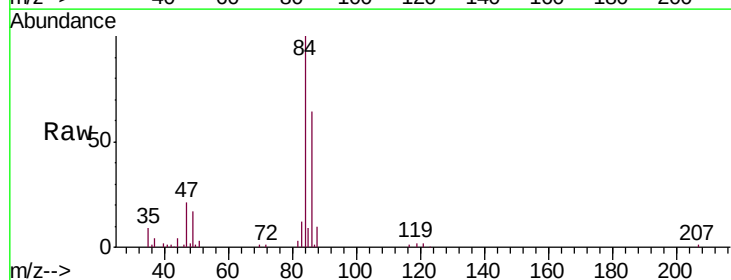
Instrument :
MSVOA_U
ClientSampleId :
GANL6DL

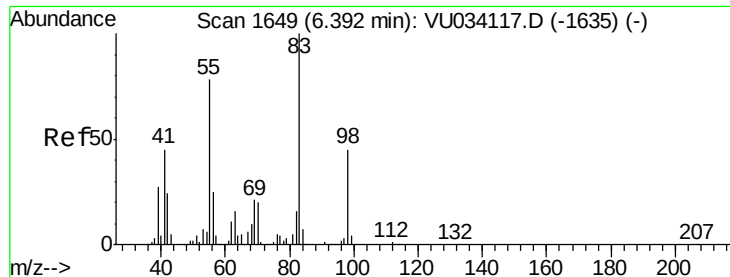
Tgt Ion: 84 Resp: 3007
Ion Ratio Lower Upper
84 100
86 60.0 44.4 82.5
49 130.0 90.2 167.4



#25
Chloroform
Concen: 0.164 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034122.D
Acq: 31 Aug 2019 14:48

Tgt Ion: 83 Resp: 7547
Ion Ratio Lower Upper
83 100
85 71.1 46.8 86.8

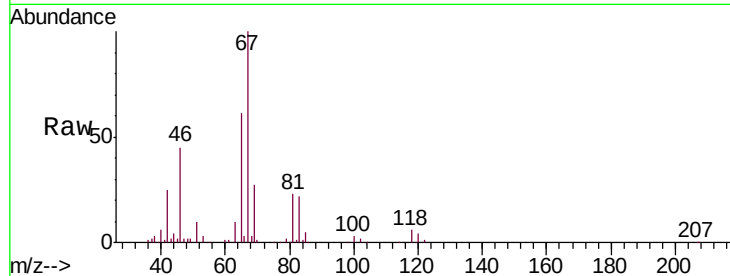




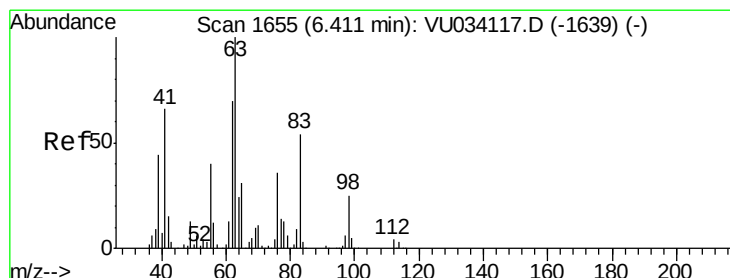
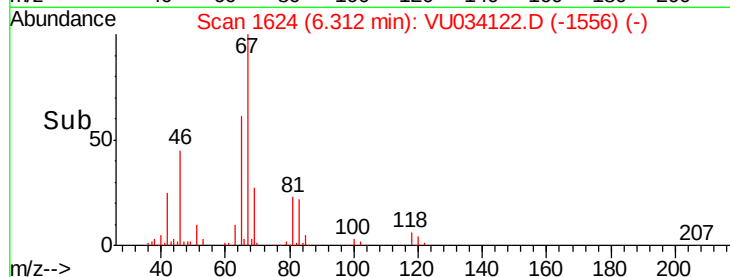
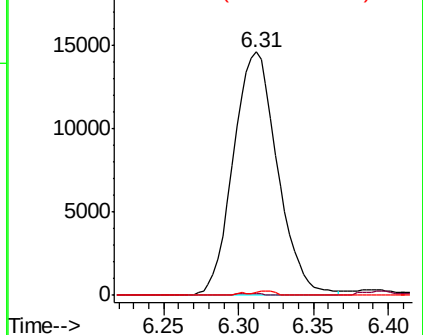
#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034122.D
Acq: 31 Aug 2019 14:48

Instrument :
MSVOA_U
ClientSampleId :
GANL6DL

Tgt Ion: 83 Resp: 30016
Ion Ratio Lower Upper
83 100
55 0.4 62.6 94.0#
98 1.0 36.2 54.2#

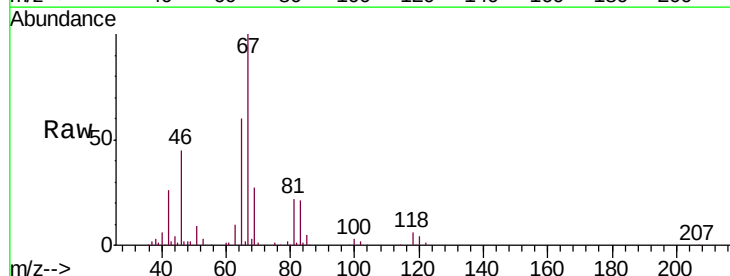


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

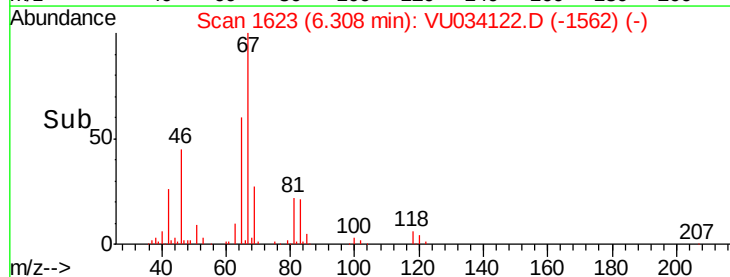
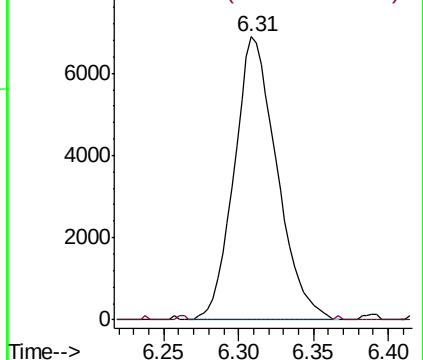


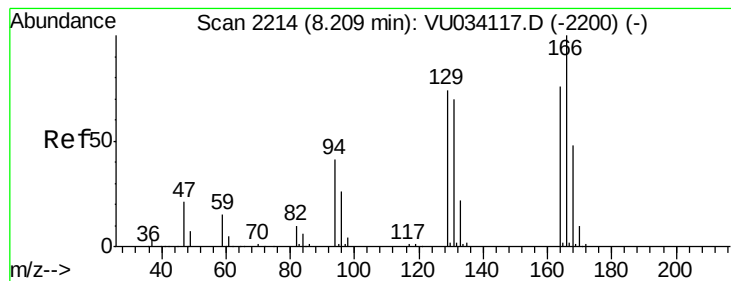
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034122.D
Acq: 31 Aug 2019 14:48

Tgt Ion: 63 Resp: 13691
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 8.232 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034122.D

Acq: 31 Aug 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

GANL6DL

Tgt Ion:164 Resp: 173411

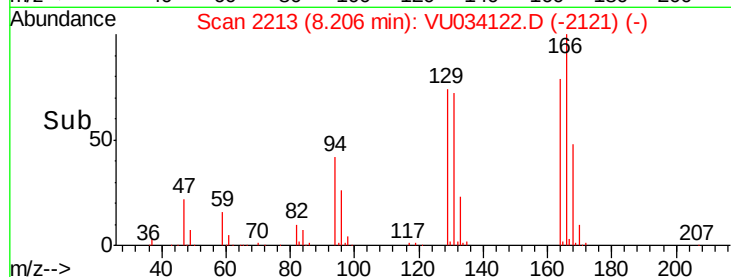
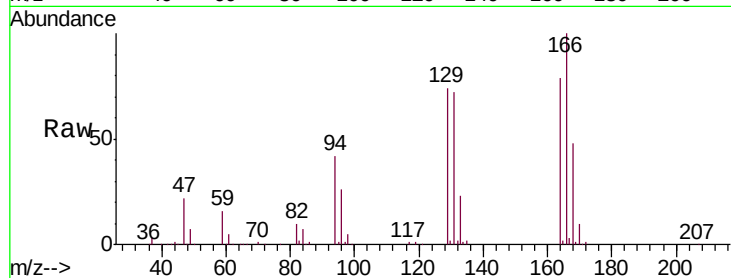
Ion Ratio Lower Upper

164 100

129 93.1 68.0 126.2

131 90.2 64.6 120.0

166 125.9 92.0 170.8

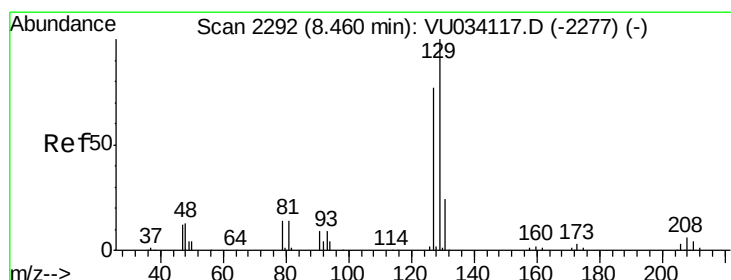
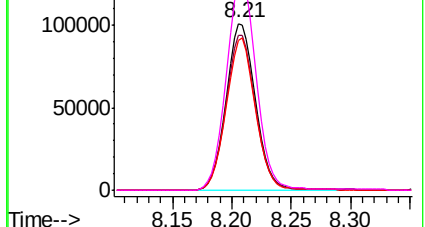


Abundance Ion 163.90 (163.60 to 164.60): V

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: 8.263 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034122.D

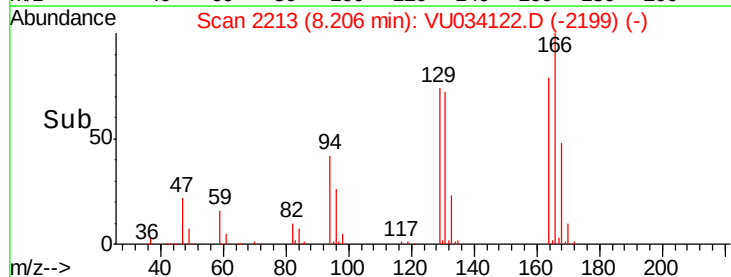
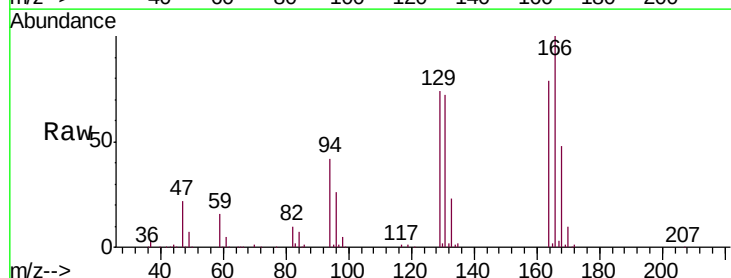
Acq: 31 Aug 2019 14:48

Tgt Ion:129 Resp: 161086

Ion Ratio Lower Upper

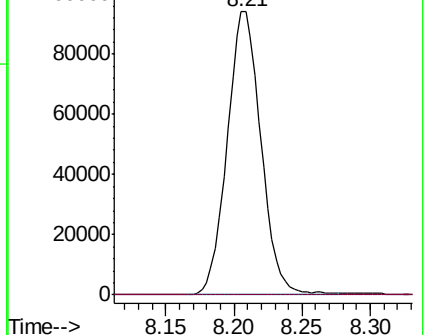
129 100

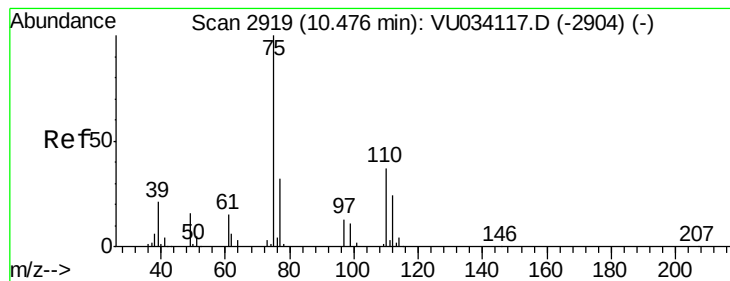
127 0.0 54.2 100.6#



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: 1.237 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034122.D

Acq: 31 Aug 2019 14:48

Instrument :

MSVOA_U

ClientSampleId :

GANL6DL

Tgt Ion: 75 Resp: 18146

Ion Ratio Lower Upper

75 100

77 35.1 26.0 39.0

