

Data File : VU034403.D
Acq On : 08 Sep 2019 01:04
Operator : JC/SP
Sample : K4703-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD85

Quant Time: Sep 08 03:49:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	267418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	274094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	122674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71901	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.68	69	66980	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.26	63	107020	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.17	46	192941	46.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.74%
24) Chloroform-d	4.63	84	156292	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.29	65	74814	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.32	84	314904	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.31	67	103738	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.55	98	264642	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.83	79	32389	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.30	63	140608	41.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	80748	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	108214	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

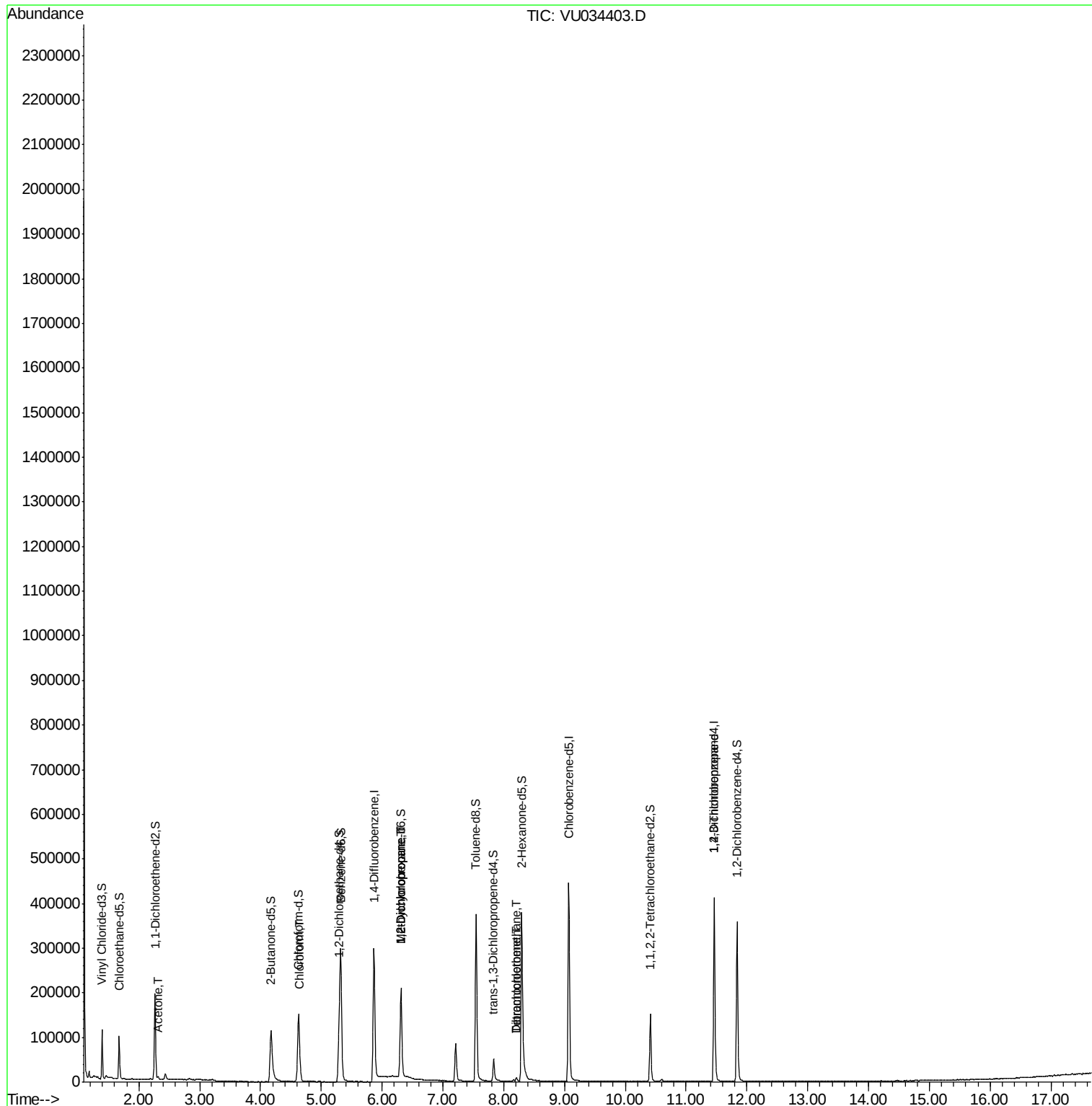
					Qvalue
13) Acetone	2.31	43	5740	2.061	ug/L 98
25) Chloroform	4.65	83	9259	0.256	ug/L 99
35) Methylcyclohexane	6.31	83	23555	0.665	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	10195	0.477	ug/L # 88
47) Tetrachloroethene	8.21	164	2040	0.116	ug/L 89
49) Dibromochloromethane	8.21	129	2061	0.127	ug/L # 11
59) 1,2,3-Trichloropropane	11.46	75	12656	1.035	ug/L 91

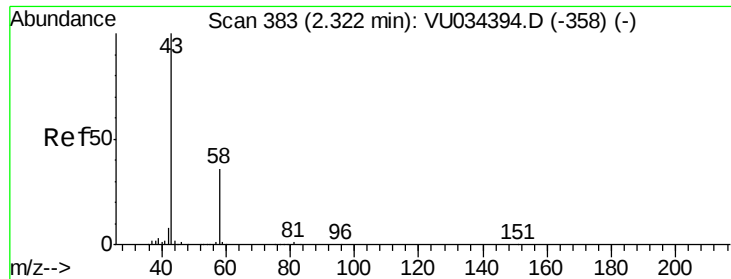
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.061 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034403.D

Acq: 08 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

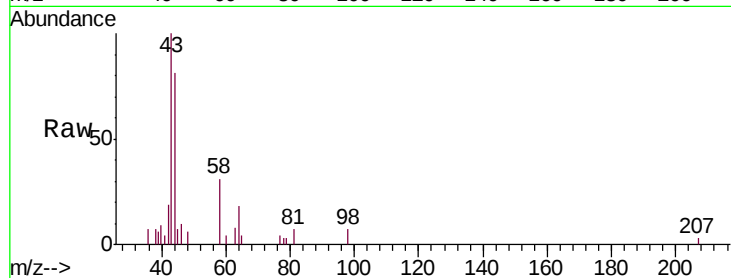
BFD85

Tgt Ion: 43 Resp: 5740

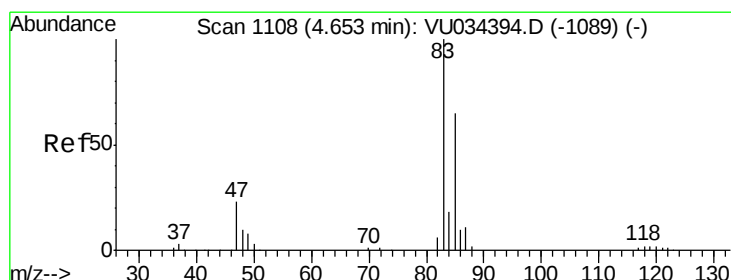
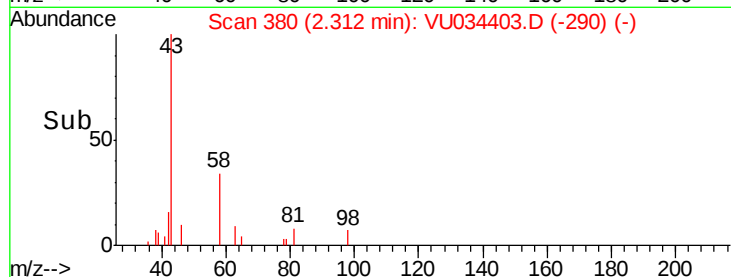
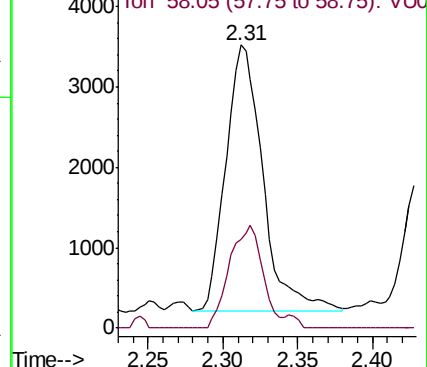
Ion Ratio Lower Upper

43 100

58 34.8 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034403.D (-290) (-)



#25

Chloroform

Concen: 0.256 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034403.D

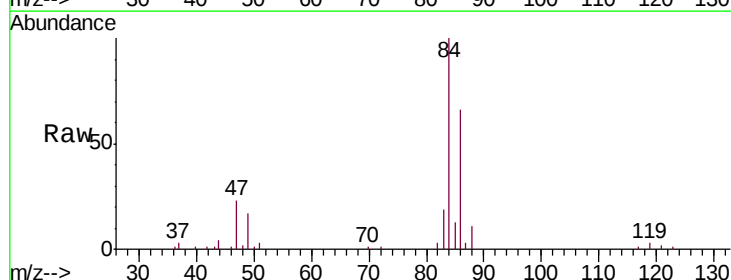
Acq: 08 Sep 2019 01:04

Tgt Ion: 83 Resp: 9259

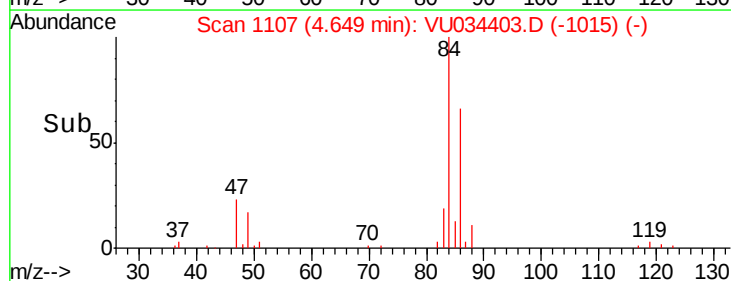
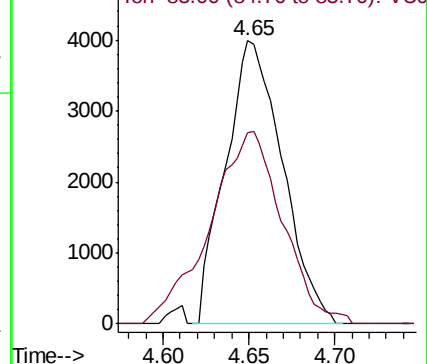
Ion Ratio Lower Upper

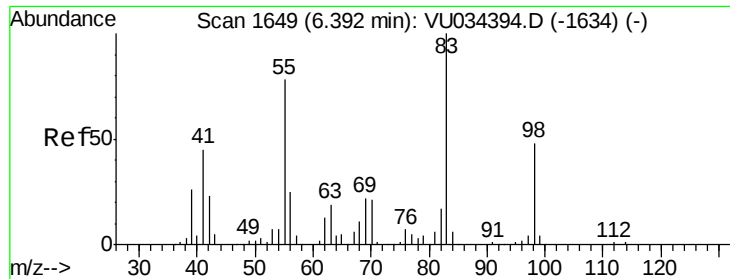
83 100

85 67.6 46.8 86.8



Abundance Ion 83.05 (82.75 to 83.75): VU034403.D (-1015) (-)

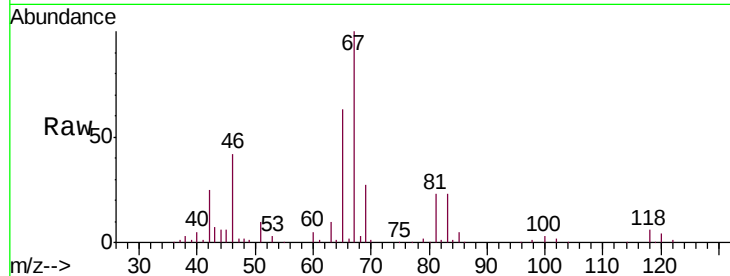




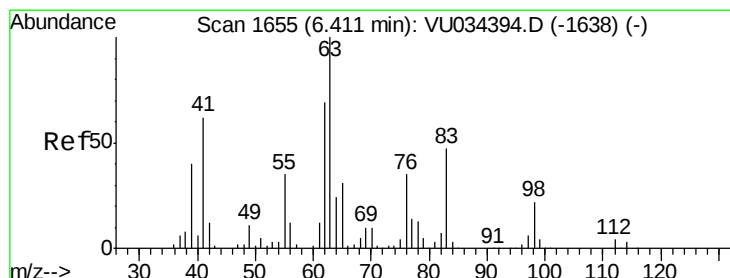
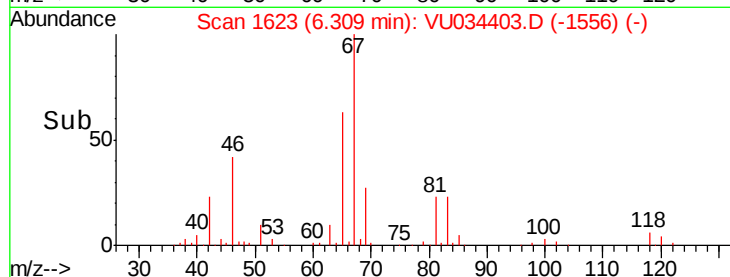
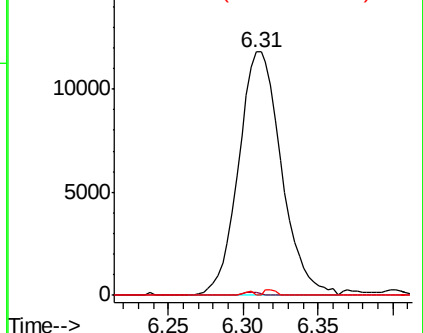
#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034403.D
Acq: 08 Sep 2019 01:04

Instrument :
MSVOA_U
ClientSampleId :
BFD85

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.6	94.0#
98	0.4	36.2	54.2#

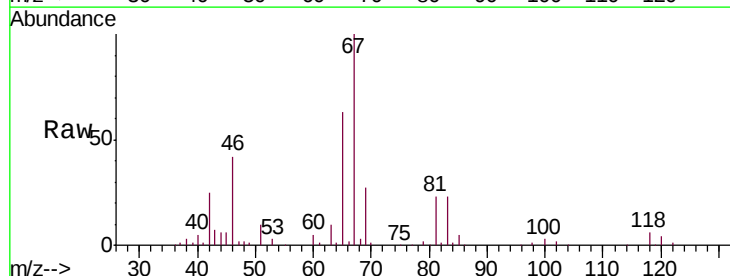


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

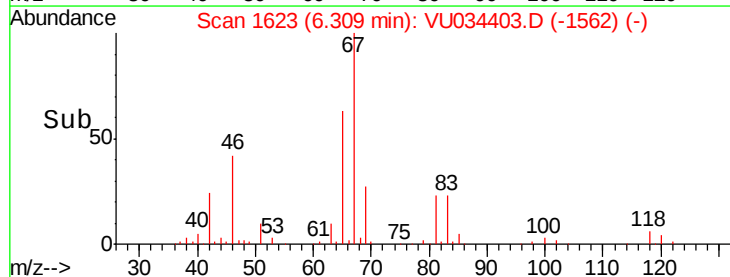
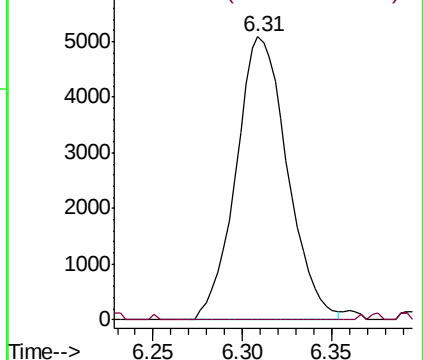


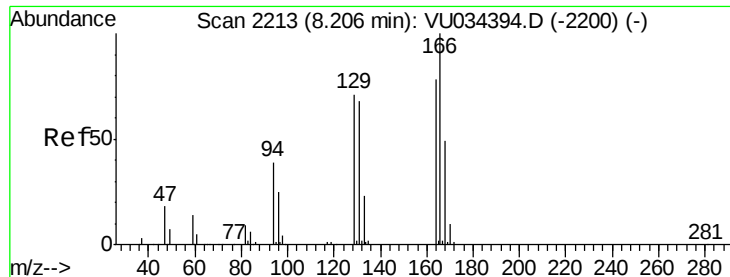
#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034403.D
Acq: 08 Sep 2019 01:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	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: 0.116 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034403.D

Acq: 08 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampled :

BFD85

Tgt Ion:164 Resp: 2040

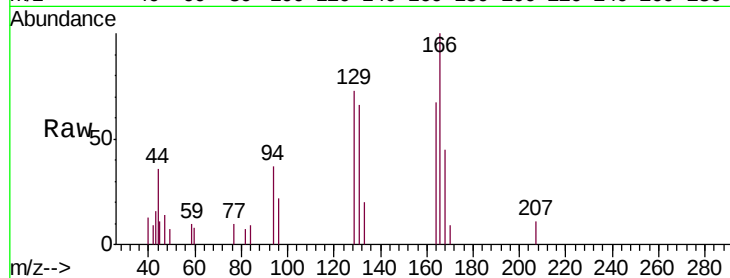
Ion Ratio Lower Upper

164 100

129 108.7 68.0 126.2

131 98.0 64.6 120.0

166 148.9 92.0 170.8

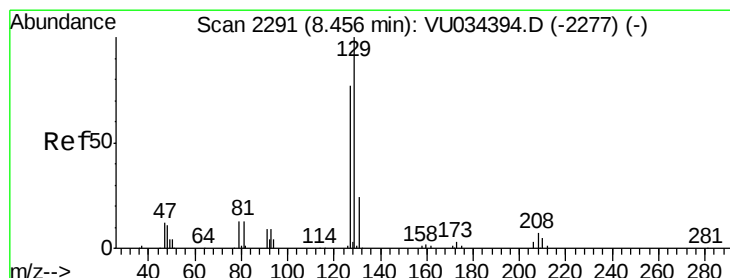
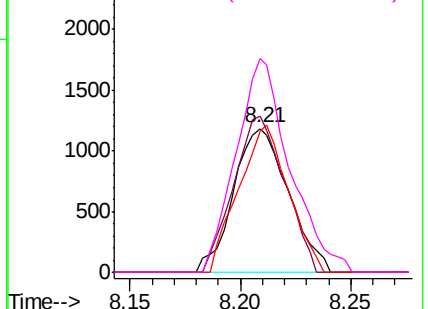
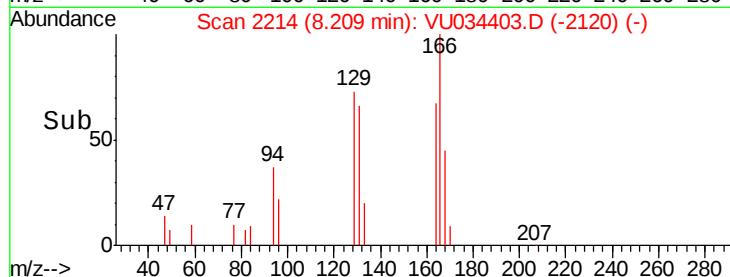


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.127 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU034403.D

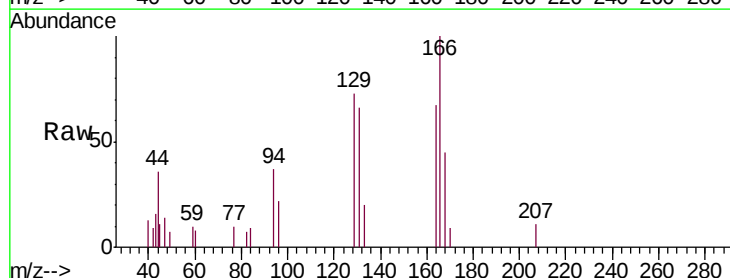
Acq: 08 Sep 2019 01:04

Tgt Ion:129 Resp: 2061

Ion Ratio Lower Upper

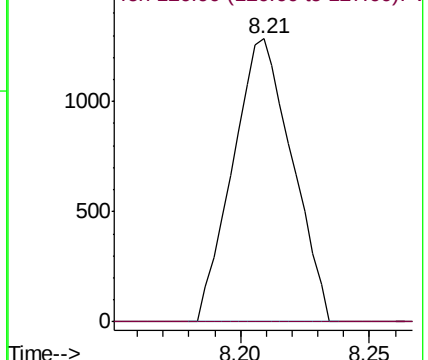
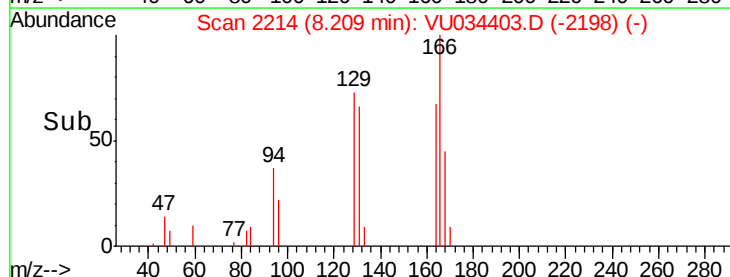
129 100

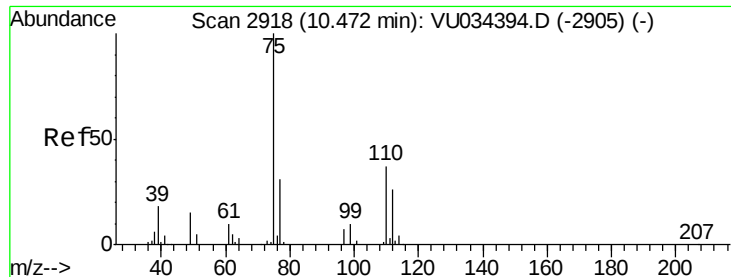
127 0.0 54.2 100.6#



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: 1.035 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034403.D

Acq: 08 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

BFD85

Tgt Ion: 75 Resp: 12656

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0

