

Data File : VU035156.D
Acq On : 14 Oct 2019 17:45
Operator : JC/SP
Sample : K5310-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-1-001-01

Quant Time: Oct 15 07:57:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	163114	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	174499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	64891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	46229	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	43766	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.26	63	66969	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.17	46	136482	48.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.63	84	85820	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.29	65	54547	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.32	84	175307	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.31	67	63015	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.55	98	145938	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.84	79	20128	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	99912	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54787	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	52064	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

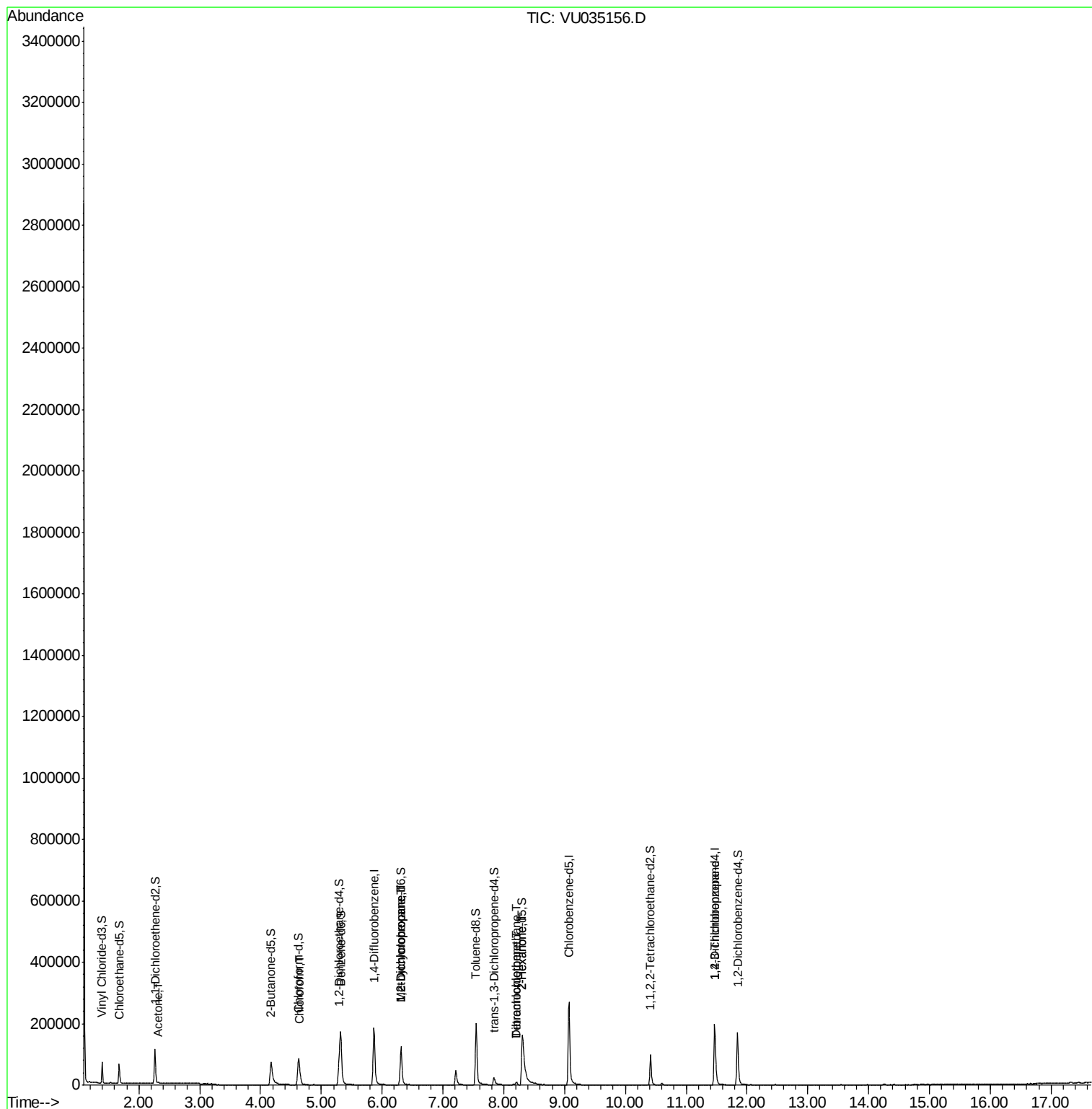
					Qvalue
13) Acetone	2.32	43	3927	1.689 ug/L	94
25) Chloroform	4.66	83	15426	0.616 ug/L	93
35) Methylcyclohexane	6.31	83	13763	0.627 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6951	0.490 ug/L #	90
47) Tetrachloroethene	8.21	164	2236	0.204 ug/L	85
48) 2-Hexanone	8.31	43	10119	1.654 ug/L #	64
49) Dibromochloromethane	8.21	129	2000	0.184 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8418	0.917 ug/L	91

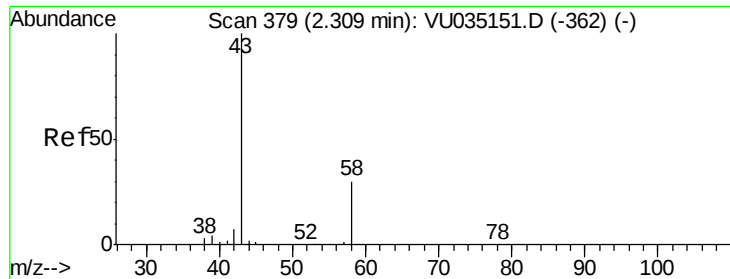
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.689 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

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Acq: 14 Oct 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

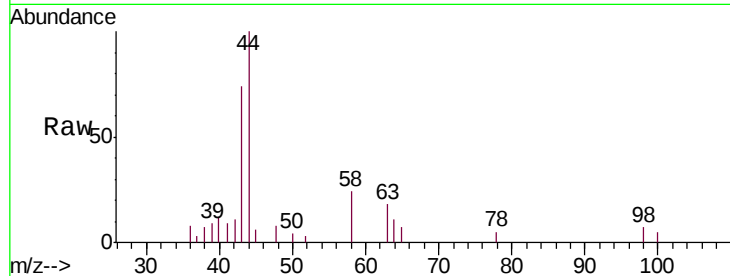
OU2-MW-1-001-01

Tgt Ion: 43 Resp: 3927

Ion Ratio Lower Upper

43 100

58 30.0 0.0 66.6



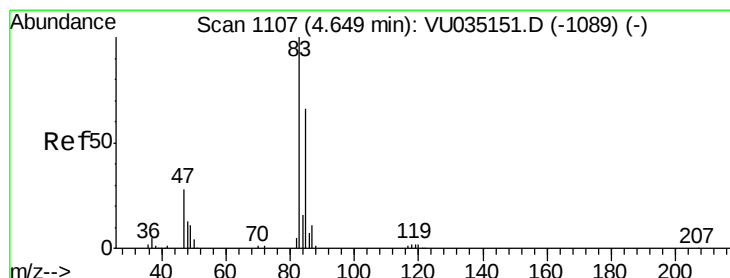
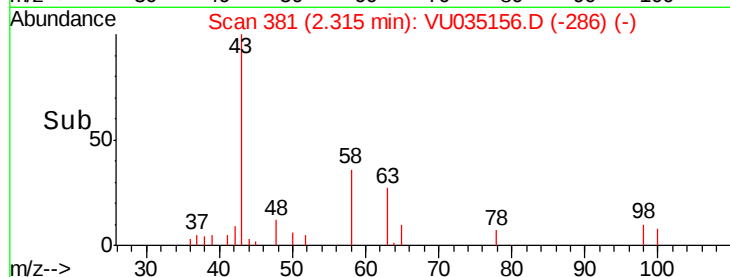
Abundance Ion 43.05 (42.75 to 43.75): VU035151.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU035151.D (-362) (-)

2.32

2.35

Time-->



#25

Chloroform

Concen: 0.616 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VU035156.D

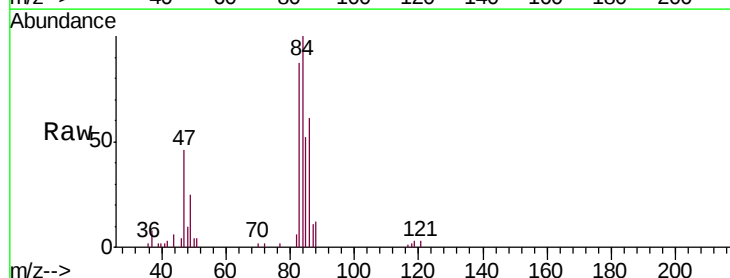
Acq: 14 Oct 2019 17:45

Tgt Ion: 83 Resp: 15426

Ion Ratio Lower Upper

83 100

85 59.3 45.4 84.4



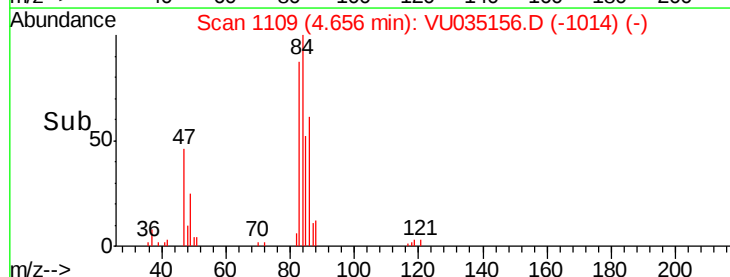
Abundance Ion 83.05 (82.75 to 83.75): VU035151.D (-1089) (-)

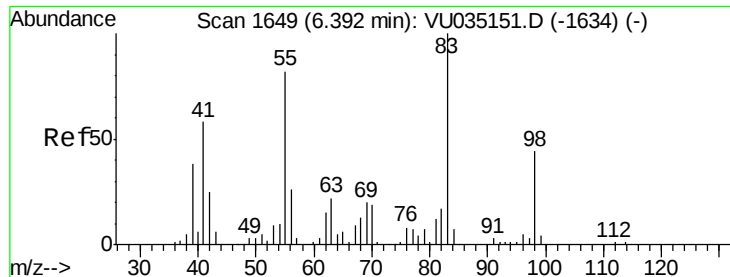
Ion 85.00 (84.70 to 85.70): VU035151.D (-1089) (-)

4.66

4.70

Time-->

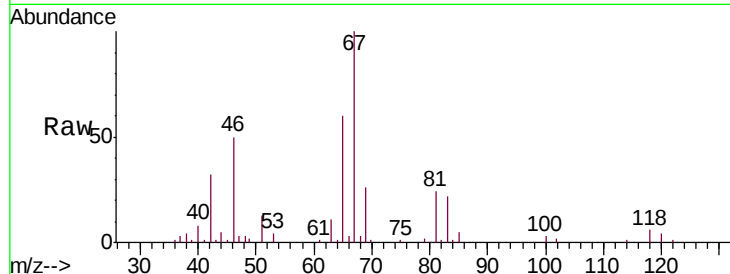




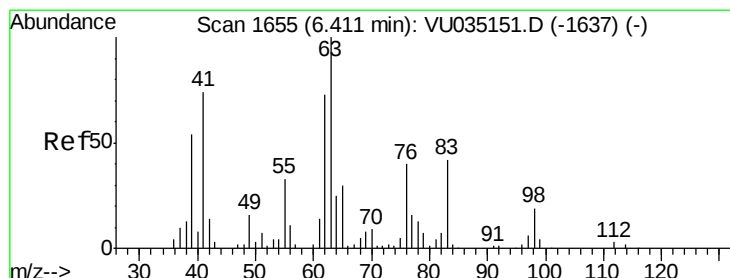
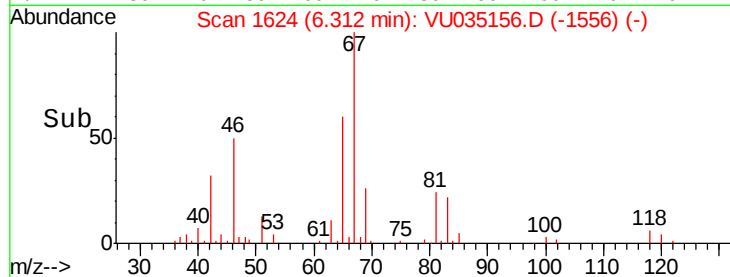
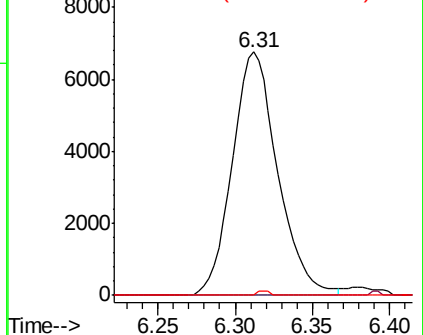
#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035156.D
Acq: 14 Oct 2019 17:45

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-1-001-01

Tgt Ion: 83 Resp: 13763
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 0.5 36.2 54.2#

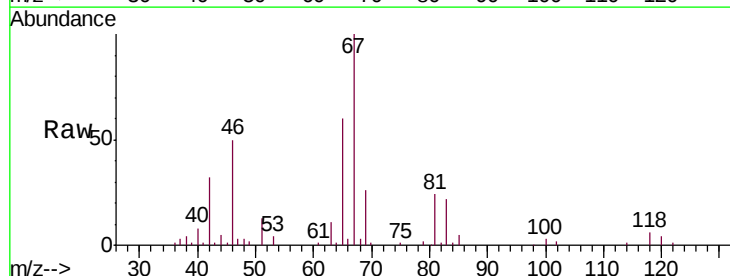


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

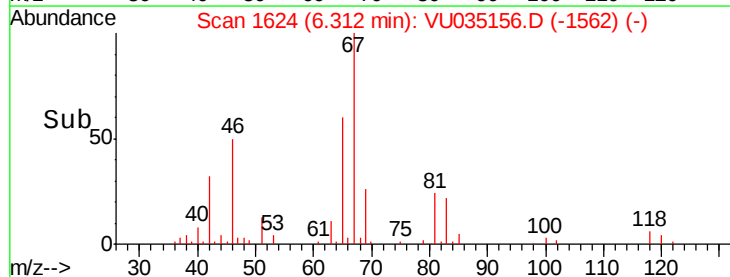
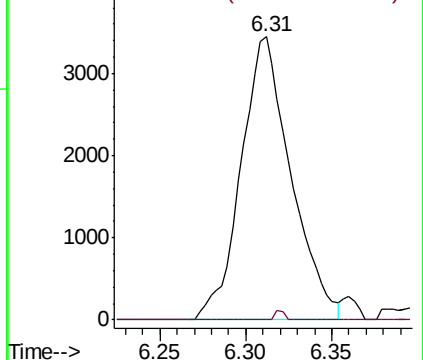


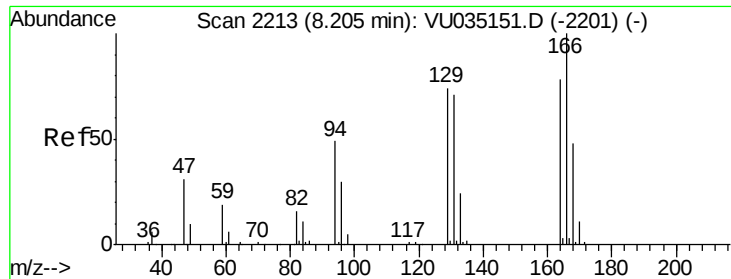
#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035156.D
Acq: 14 Oct 2019 17:45

Tgt Ion: 63 Resp: 6951
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#



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





#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035156.D

Acq: 14 Oct 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

OU2-MW-1-001-01

Tgt Ion:164 Resp: 2236

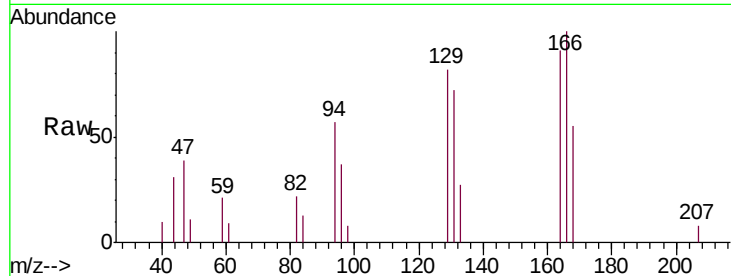
Ion Ratio Lower Upper

164 100

129 90.1 68.5 127.1

131 79.6 67.3 124.9

166 110.0 93.1 172.9

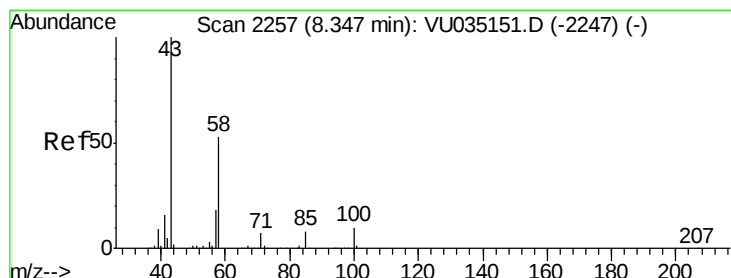
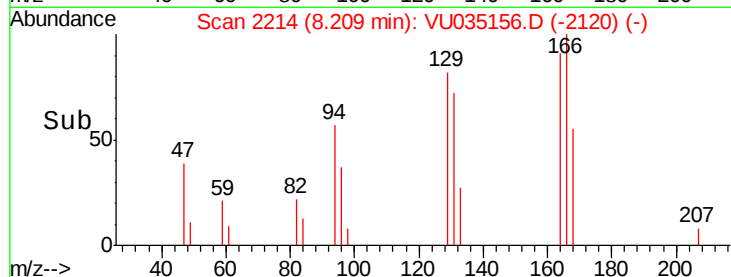
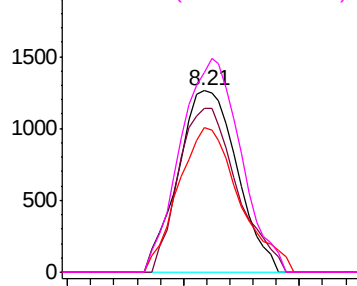


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.654 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.04 min

Lab File: VU035156.D

Acq: 14 Oct 2019 17:45

Tgt Ion: 43 Resp: 10119

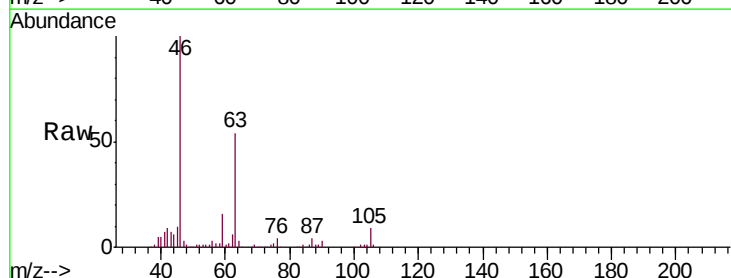
Ion Ratio Lower Upper

43 100

58 22.7 44.1 66.1#

57 28.7 15.8 23.8#

100 2.7 9.4 14.2#

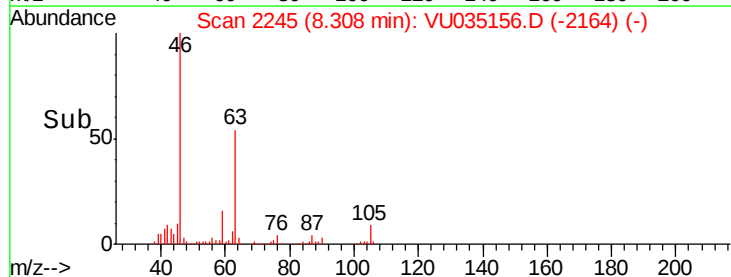
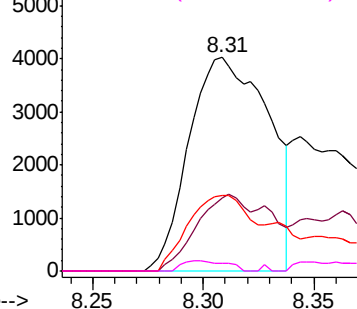


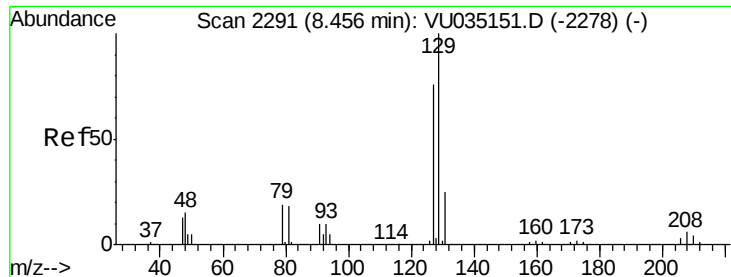
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.184 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU035156.D

Acq: 14 Oct 2019 17:45

Instrument :

MSVOA_U

ClientSampleId :

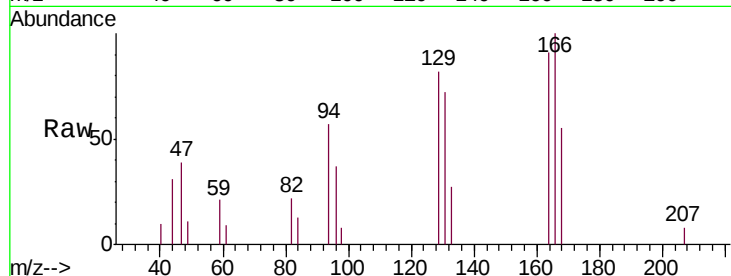
OU2-MW-1-001-01

Tgt Ion: 129 Resp: 2000

Ion Ratio Lower Upper

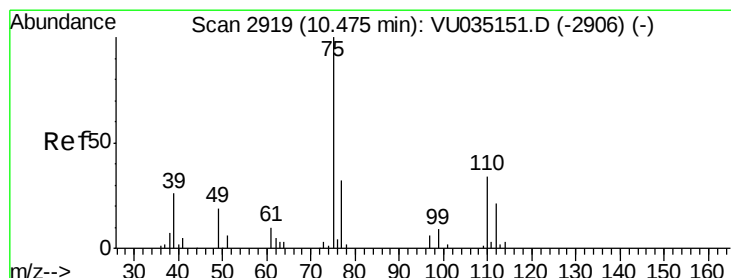
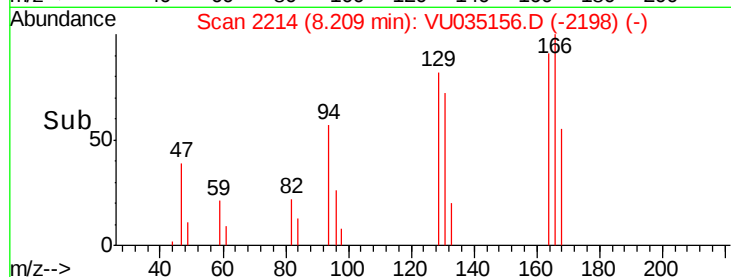
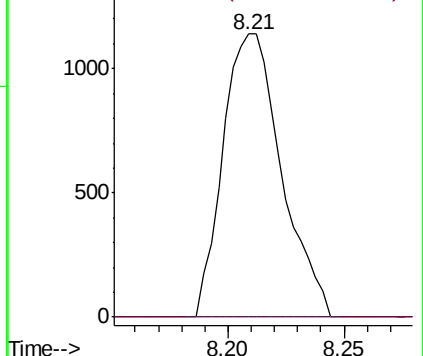
129 100

127 0.0 51.9 96.5#



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: 0.917 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035156.D

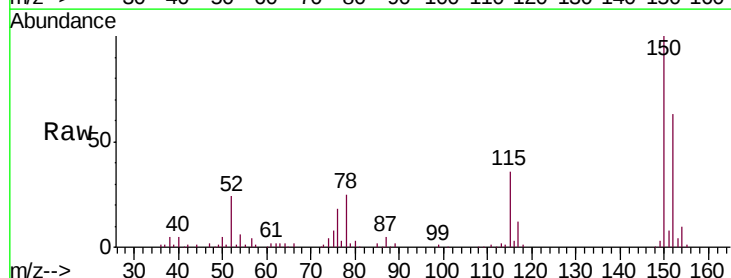
Acq: 14 Oct 2019 17:45

Tgt Ion: 75 Resp: 8418

Ion Ratio Lower Upper

75 100

77 38.0 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

