

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035135.D
 Acq On : 12 Oct 2019 10:34
 Operator : JC/SP
 Sample : K5310-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 01:16:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	161877	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	170771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47786	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.68	69	45580	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.26	63	70044	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.17	46	138673	49.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.42%
24) Chloroform-d	4.62	84	87462	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.29	65	52924	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.32	84	178363	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.31	67	62192	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.55	98	151637	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.84	79	17712	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.30	63	98597	43.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.06%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52251	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	54132	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

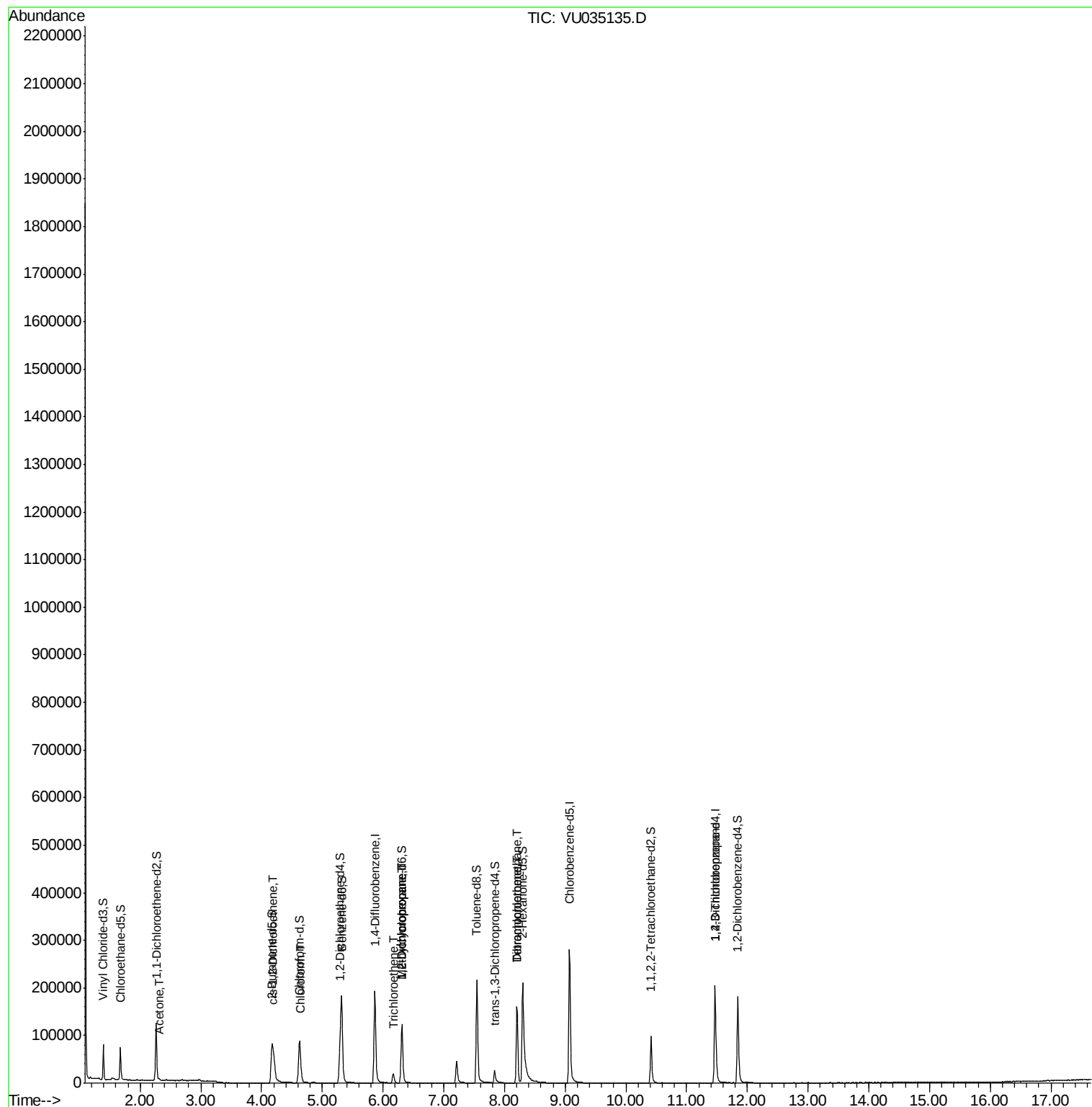
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	3191	1.383	ug/L	82
22) cis-1,2-Dichloroethene	4.20	96	18971	1.528	ug/L	92
25) Chloroform	4.65	83	10308	0.415	ug/L	94
34) Trichloroethene	6.17	95	7183	0.541	ug/L	93
35) Methylcyclohexane	6.31	83	13749	0.640	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	7190	0.518	ug/L #	88
47) Tetrachloroethene	8.21	164	36523	3.401	ug/L	95
49) Dibromochloromethane	8.21	129	34763	3.264	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	8166	0.909	ug/L #	87

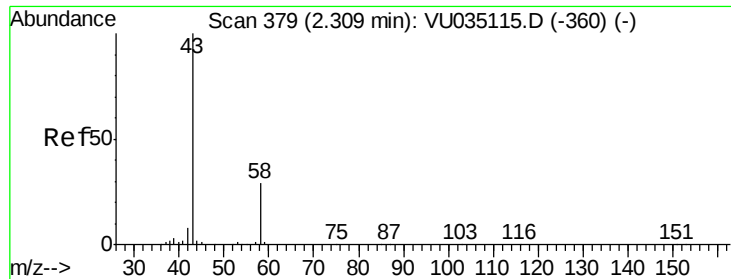
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 14 01:16:14 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.383 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035115.D

Acq: 12 Oct 2019 10:34

Instrument :

MSVOA_U

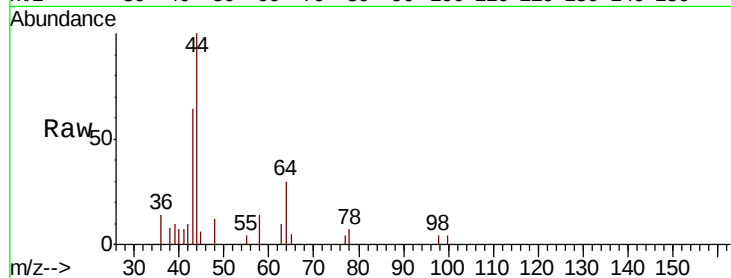
ClientSampleId :

Tot Ion: 43 Resp: 3191

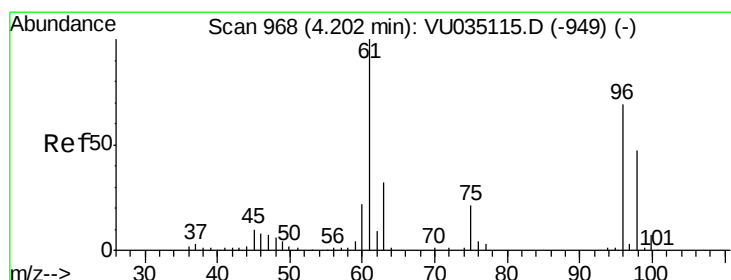
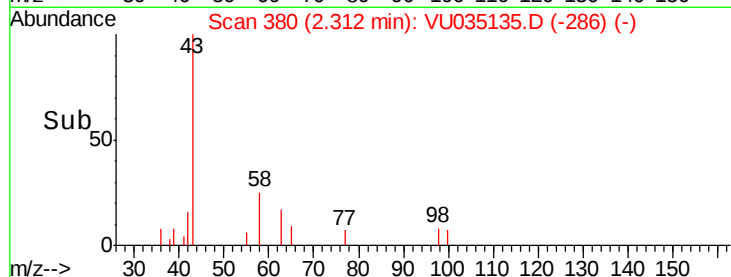
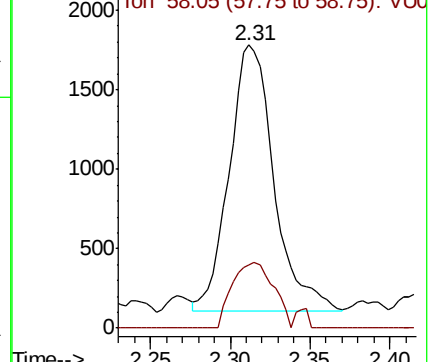
Ion Ratio Lower Upper

43 100

58 22.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035115.D (-360) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.528 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU035115.D

Acq: 12 Oct 2019 10:34

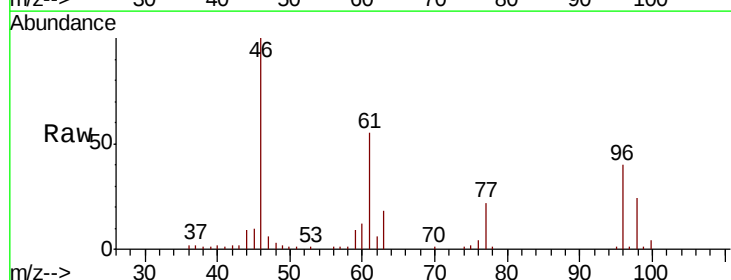
Tgt Ion: 96 Resp: 18971

Ion Ratio Lower Upper

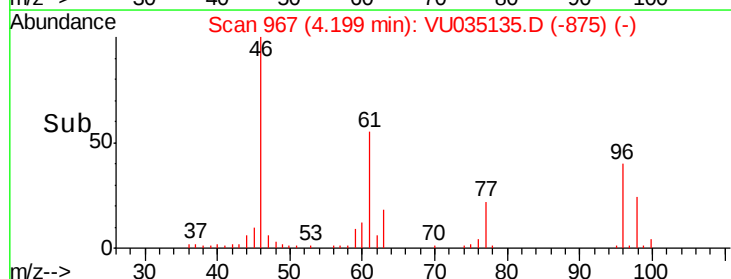
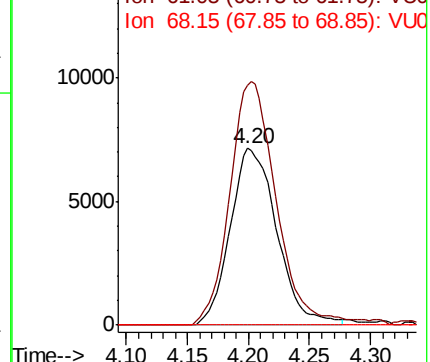
96 100

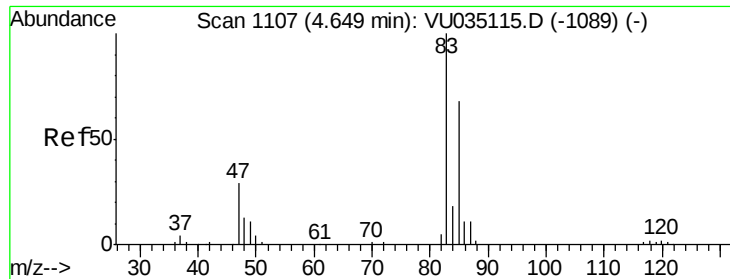
61 136.1 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035115.D (-949) (-)





#25

Chloroform

Concen: 0.415 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035135.D

Acq: 12 Oct 2019 10:34

Instrument :

MSVOA_U

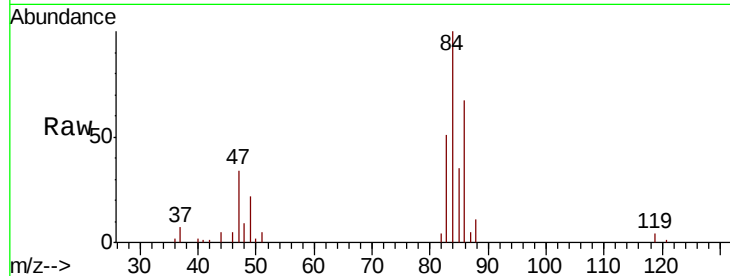
ClientSampleId :

Tot Ion: 83 Resp: 10308

Ion Ratio Lower Upper

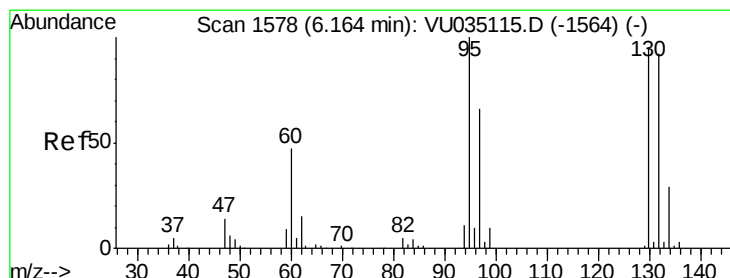
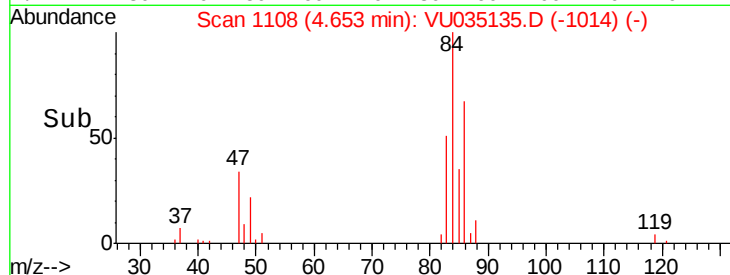
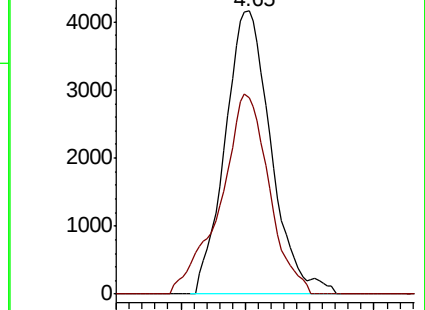
83 100

85 69.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035115.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035115.D (-1089) (-)



#34

Trichloroethene

Concen: 0.541 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU035135.D

Acq: 12 Oct 2019 10:34

Tgt Ion: 95 Resp: 7183

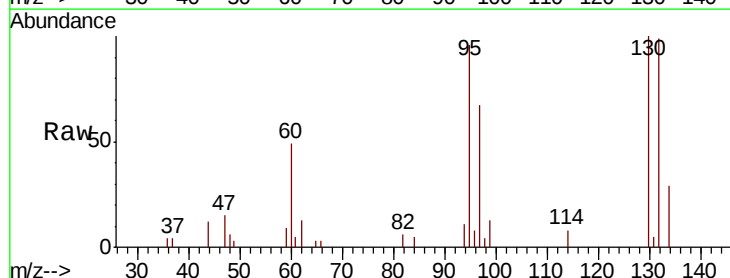
Ion Ratio Lower Upper

95 100

97 69.2 44.5 82.7

132 102.8 66.6 123.8

130 103.7 68.9 127.9

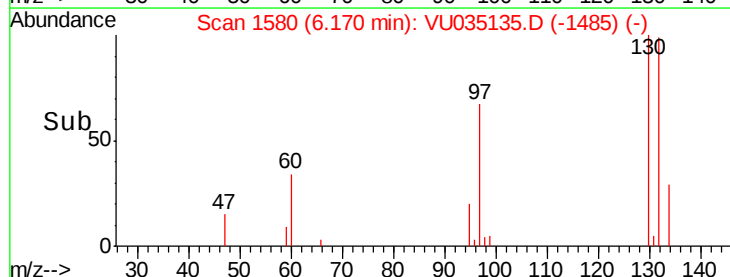
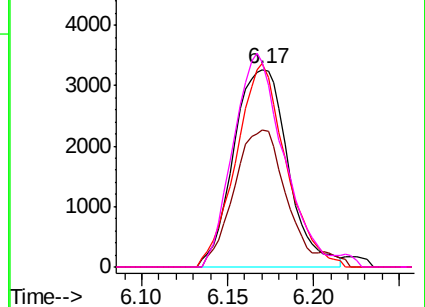


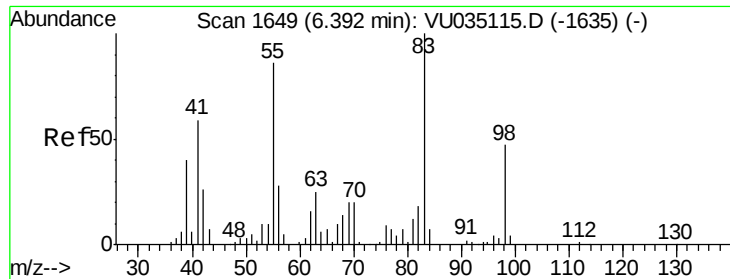
Abundance Ion 95.00 (94.70 to 95.70): VU035115.D (-1564) (-)

Ion 96.95 (96.65 to 97.65): VU035115.D (-1564) (-)

Ion 131.95 (131.65 to 132.65): VU035115.D (-1564) (-)

Ion 129.95 (129.65 to 130.65): VU035115.D (-1564) (-)

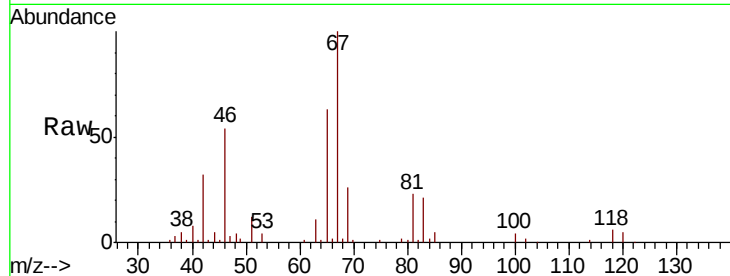




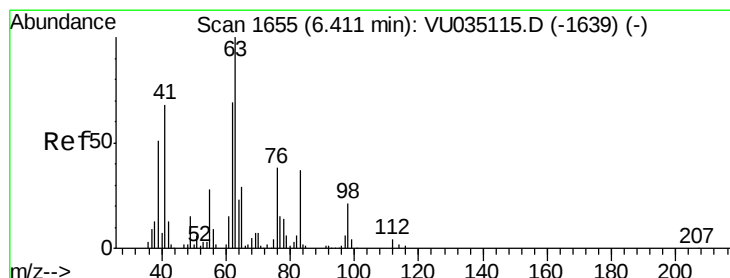
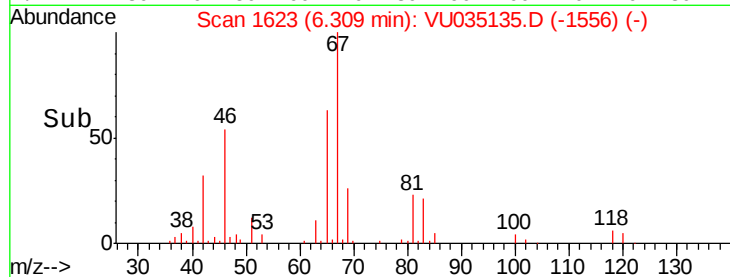
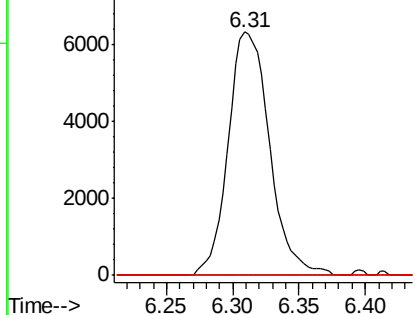
#35
Methvlcvclohexane
Concen: 0.640 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035135.D
Acq: 12 Oct 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 13749
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

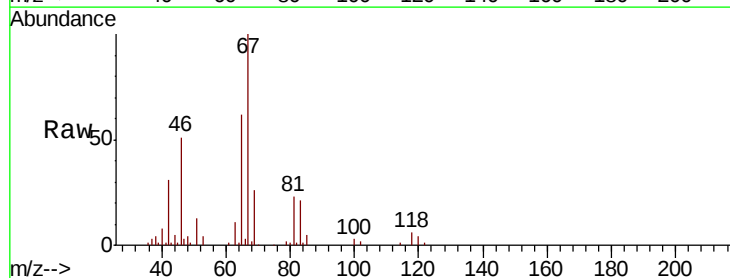


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

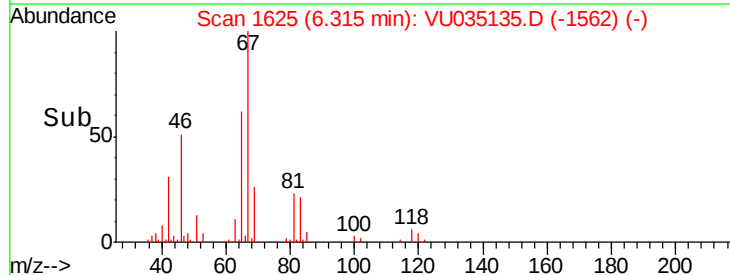
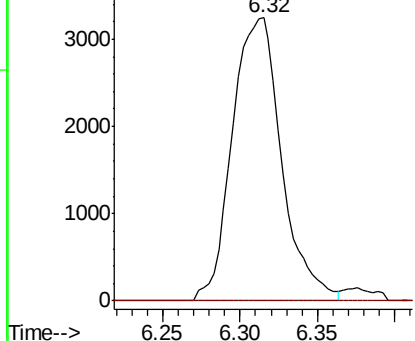


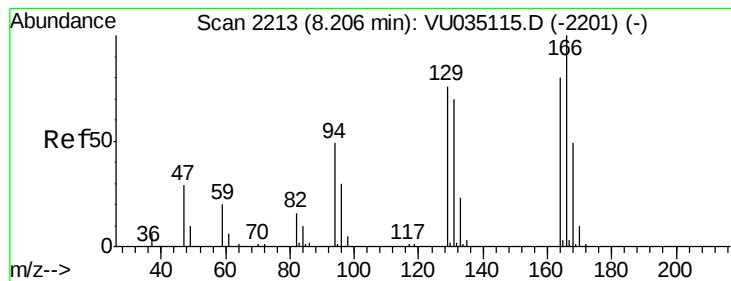
#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.32 min Scan# 1625
Delta R.T. -0.10 min
Lab File: VU035135.D
Acq: 12 Oct 2019 10:34

Tgt Ion: 63 Resp: 7190
Ion Ratio Lower Upper
63 100
112 0.0 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: 3.401 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035135.D

Acq: 12 Oct 2019 10:34

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 36523

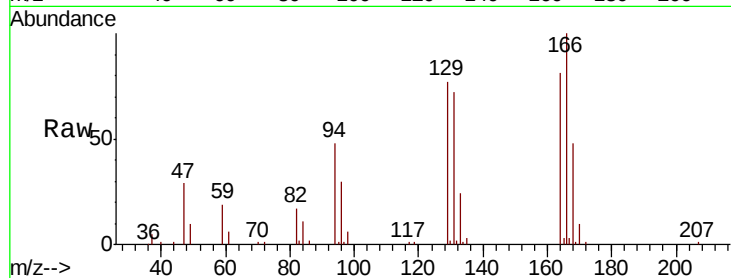
Ion Ratio Lower Upper

164 100

129 96.1 68.5 127.1

131 89.8 67.3 124.9

166 124.1 93.1 172.9

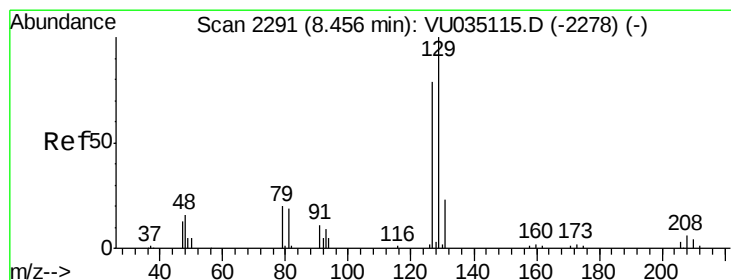
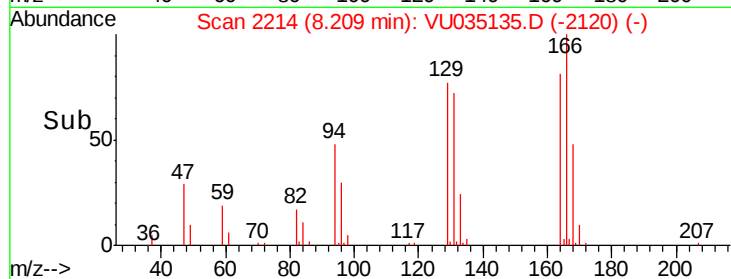
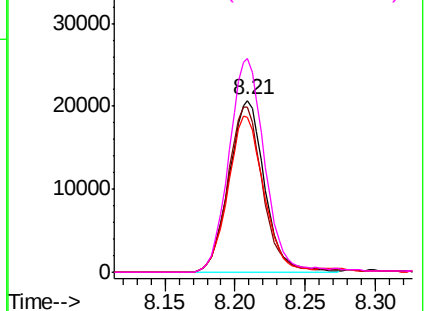


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 3.264 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.25 min

Lab File: VU035135.D

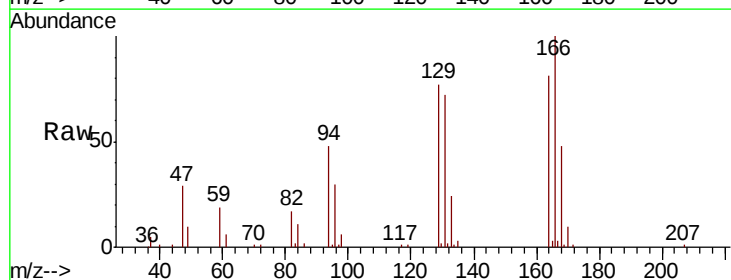
Acq: 12 Oct 2019 10:34

Tgt Ion:129 Resp: 34763

Ion Ratio Lower Upper

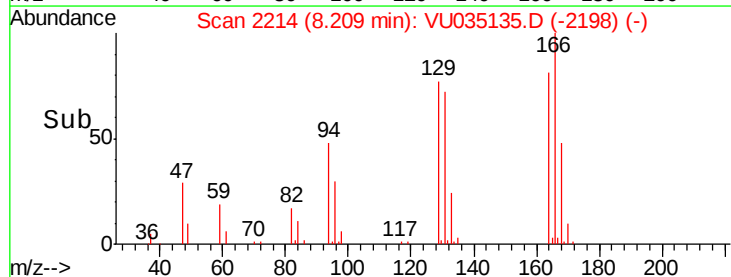
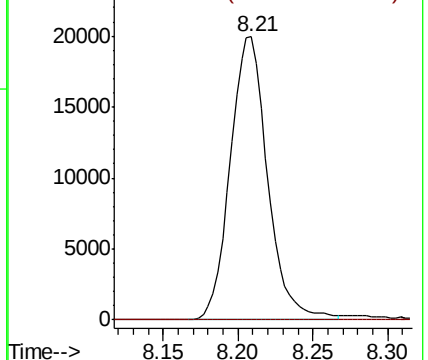
129 100

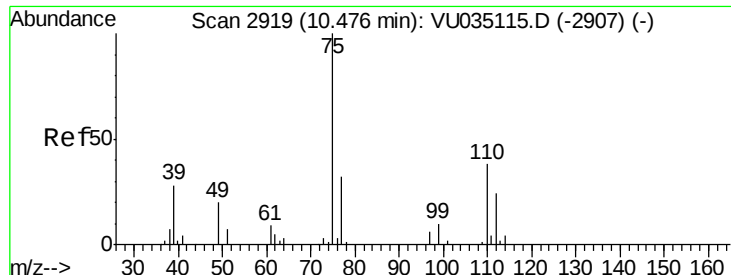
127 0.0 51.9 96.5#



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: 0.909 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035135.D

Acq: 12 Oct 2019 10:34

Instrument :

MSVOA_U

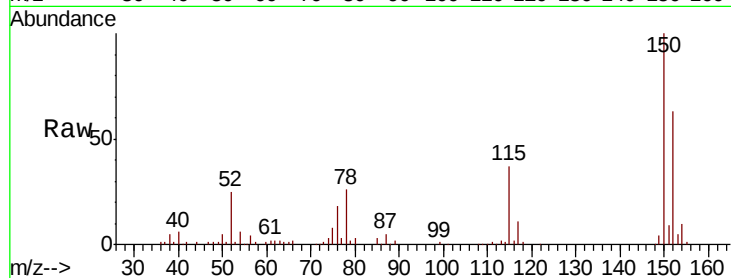
ClientSampleId :

Tot Ion: 75 Resp: 8166

Ion Ratio Lower Upper

75 100

77 40.3 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

