

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035132.D
 Acq On : 12 Oct 2019 09:21
 Operator : JC/SP
 Sample : K5310-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:21:05 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	5.87	114	182513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	192346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55088	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	53588	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.26	63	82413	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.17	46	157139	49.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.92%
24) Chloroform-d	4.62	84	99750	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.29	65	59833	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.32	84	199758	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.31	67	72430	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.55	98	175155	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.84	79	21197	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.31	63	114327	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58410	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	63199	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

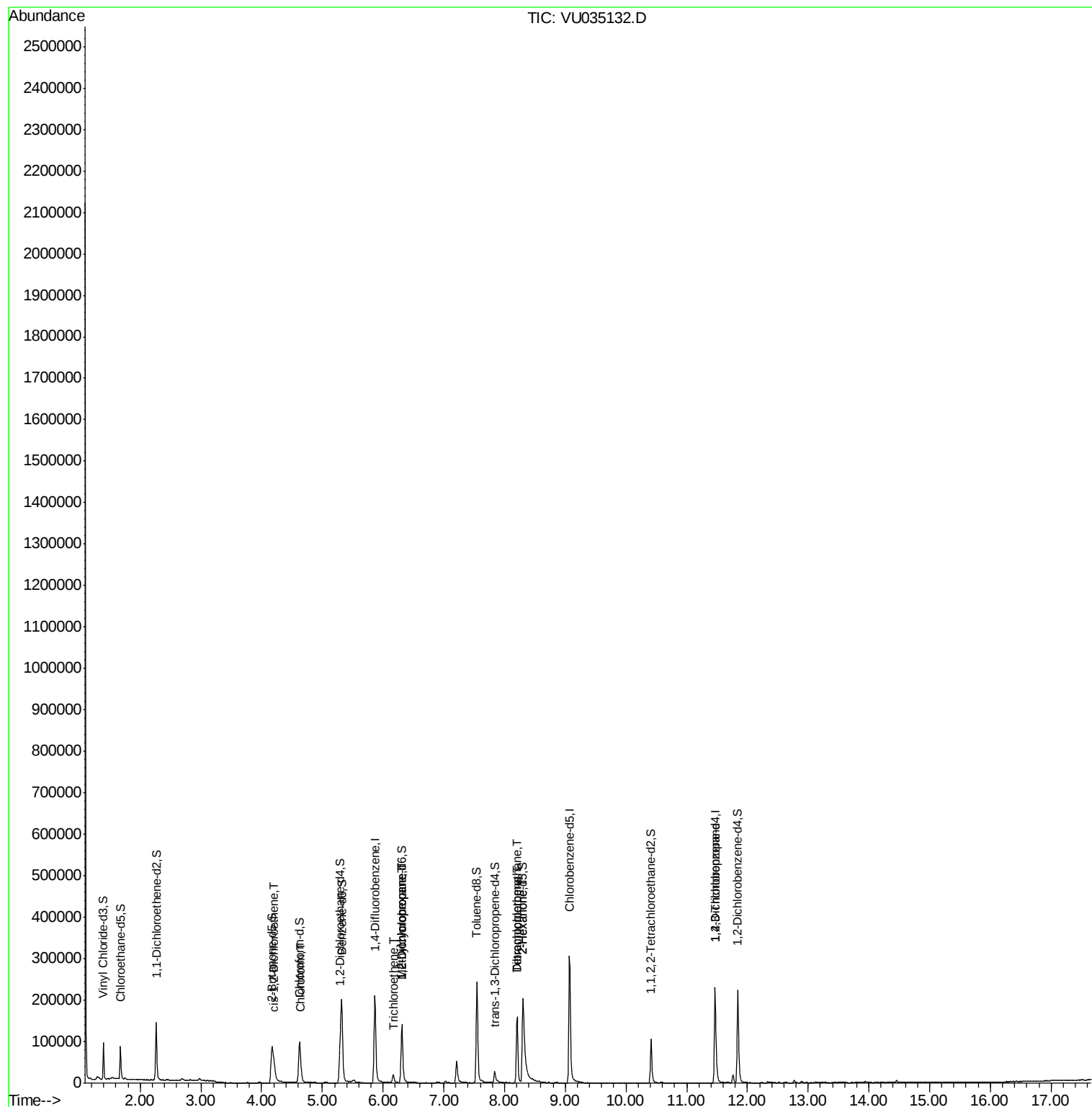
					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	17616	1.258	ug/L 91
25) Chloroform	4.65	83	11157	0.398	ug/L 99
34) Trichloroethene	6.17	95	7251	0.485	ug/L 91
35) Methylcyclohexane	6.31	83	14997	0.620	ug/L # 19
37) 1,2-Dichloropropane	6.31	63	7887	0.505	ug/L # 88
47) Tetrachloroethene	8.21	164	35460	2.932	ug/L 95
48) 2-Hexanone	8.31	43	12073	1.790	ug/L # 64
49) Dibromochloromethane	8.21	129	35233	2.937	ug/L # 12
59) 1,2,3-Trichloropropane	11.47	75	9327	0.922	ug/L 91

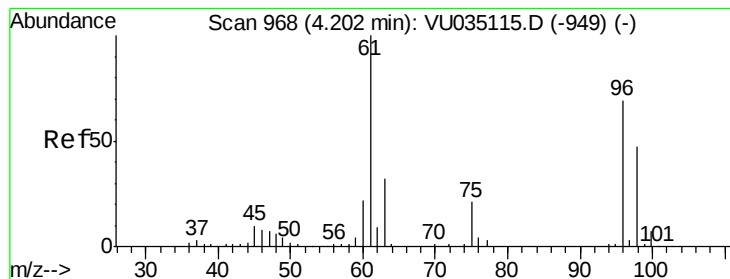
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#22

cis-1,2-Dichloroethene

Concen: 1.258 ug/L

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Instrument :
MSVOA_U
ClientSampleId :

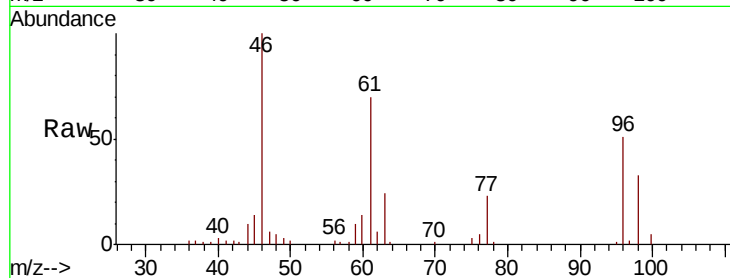
Tot Ion: 96 Resp: 17616

Ion Ratio Lower Upper

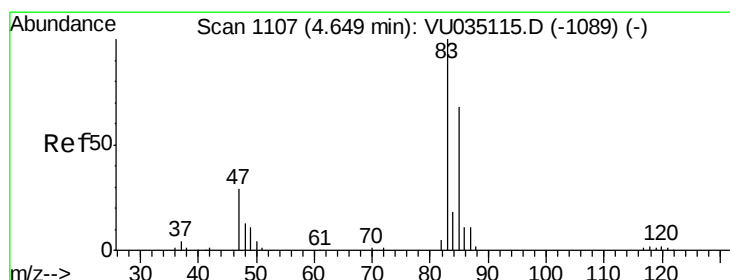
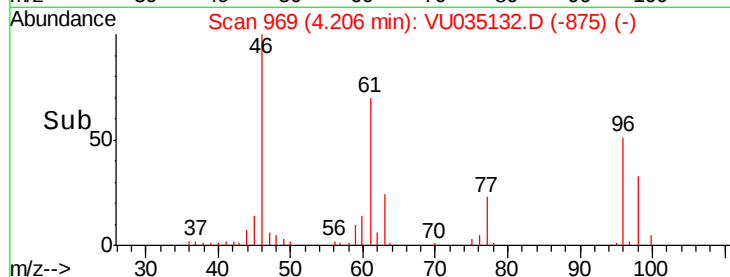
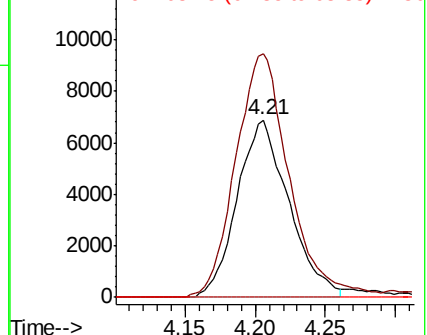
96 100

61 137.3 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.398 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035132.D

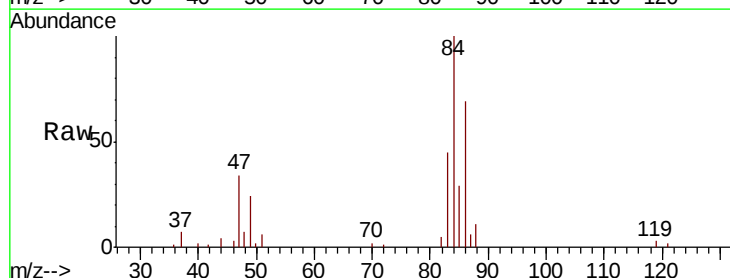
Acq: 12 Oct 2019 09:21

Tgt Ion: 83 Resp: 11157

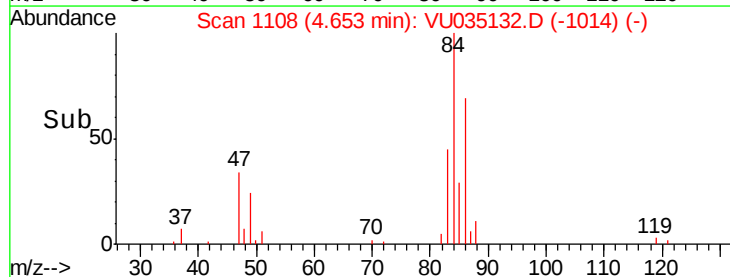
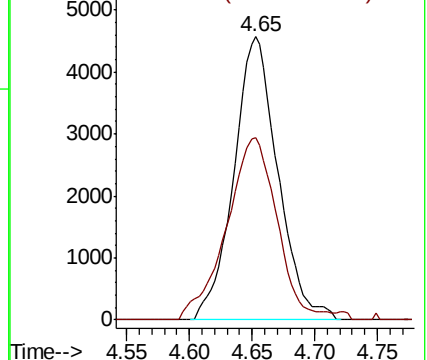
Ion Ratio Lower Upper

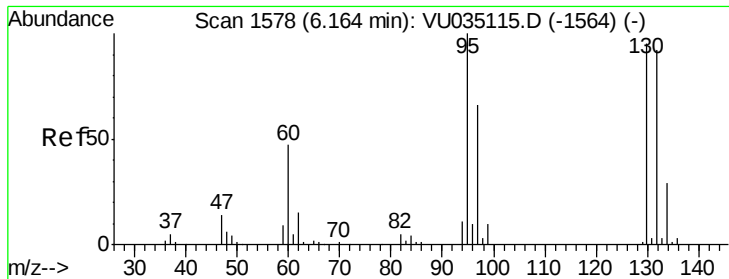
83 100

85 64.5 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.485 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 7251

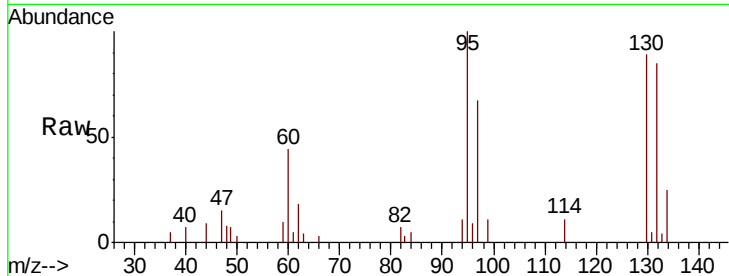
Ion Ratio Lower Upper

95 100

97 66.7 44.5 82.7

132 84.8 66.6 123.8

130 89.1 68.9 127.9

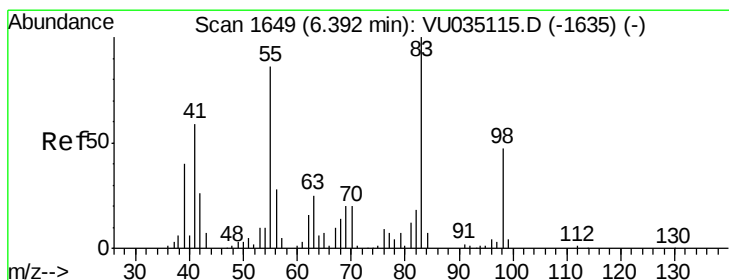
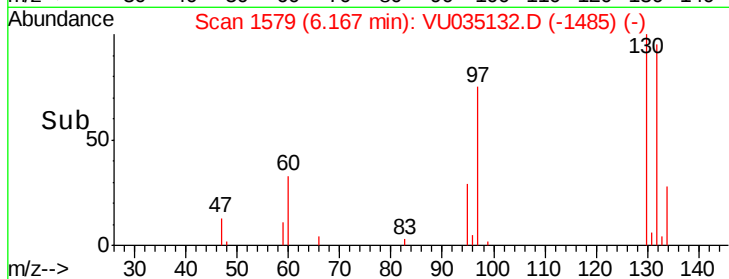
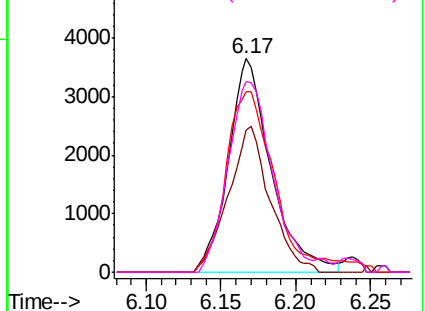


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

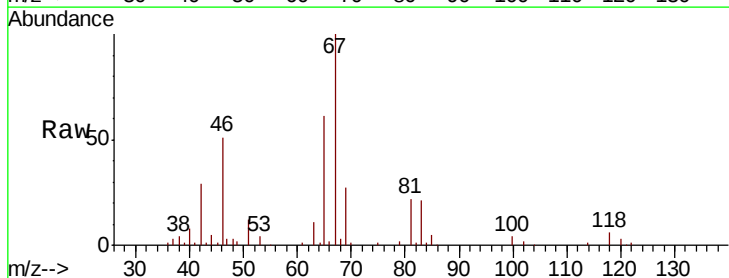
Tgt Ion: 83 Resp: 14997

Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

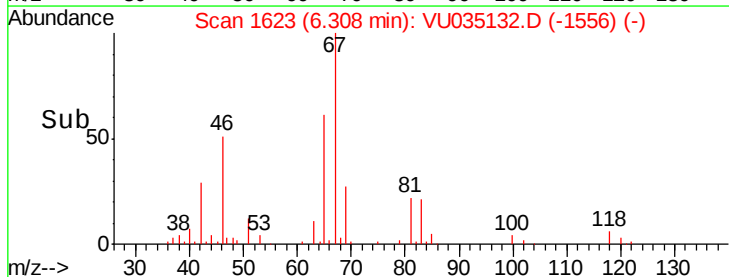
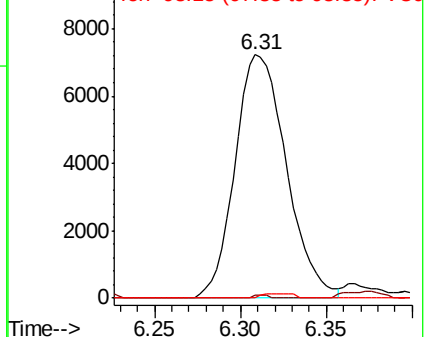
98 1.1 36.2 54.2#

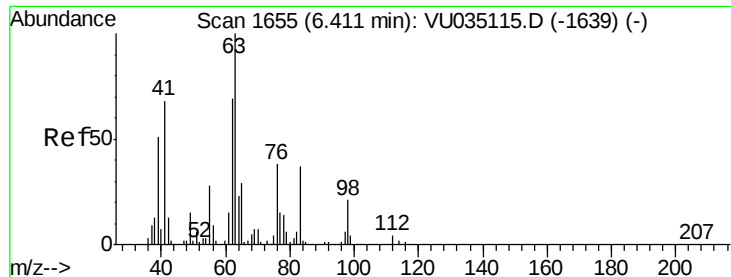


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.505 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Instrument :

MSVOA_U

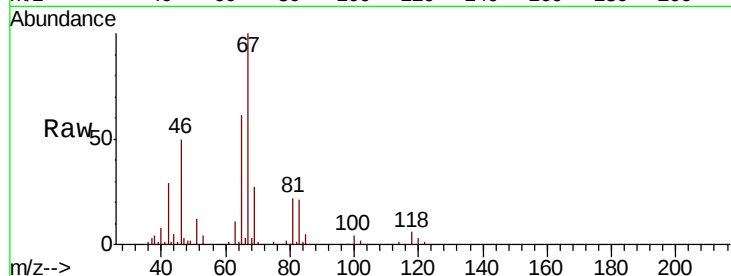
ClientSampleId :

Tot Ion: 63 Resp: 7887

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035115.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VU035115.D (-1639) (-)

6.31

4000

3000

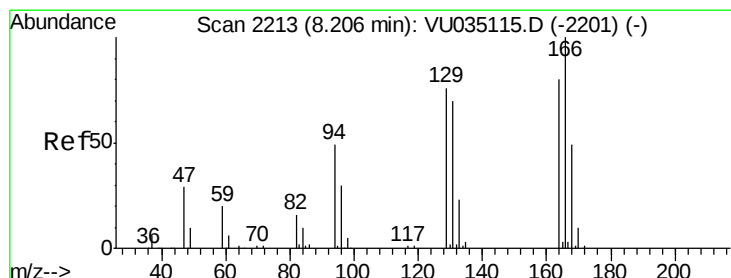
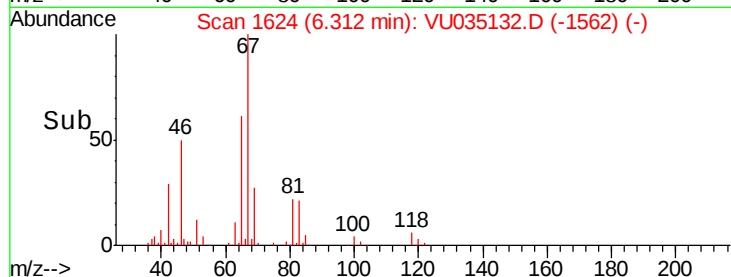
2000

1000

0

6.25 6.30 6.35 6.40

Time-->



#47

Tetrachloroethene

Concen: 2.932 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Tgt Ion:164 Resp: 35460

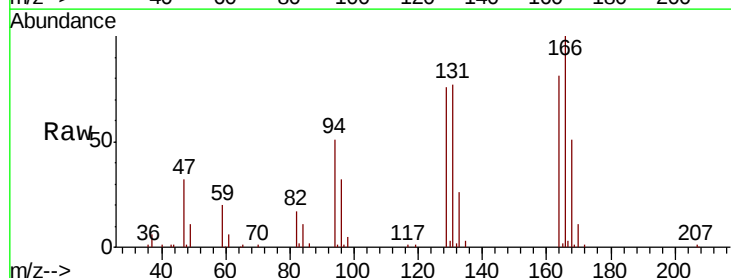
Ion Ratio Lower Upper

164 100

129 94.3 68.5 127.1

131 95.4 67.3 124.9

166 123.3 93.1 172.9



Abundance Ion 163.90 (163.60 to 164.60): VU035115.D (-2201) (-)

Ion 128.95 (128.65 to 129.65): VU035115.D (-2201) (-)

Ion 130.95 (130.65 to 131.65): VU035115.D (-2201) (-)

Ion 165.90 (165.60 to 166.60): VU035115.D (-2201) (-)

30000

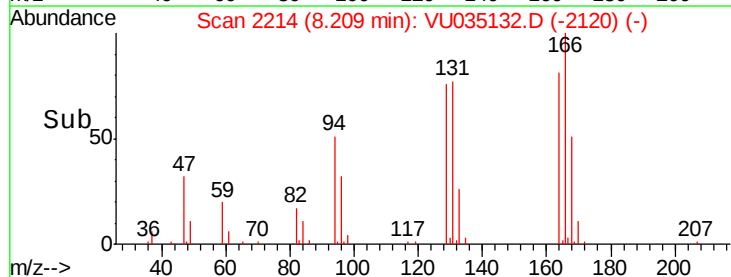
20000

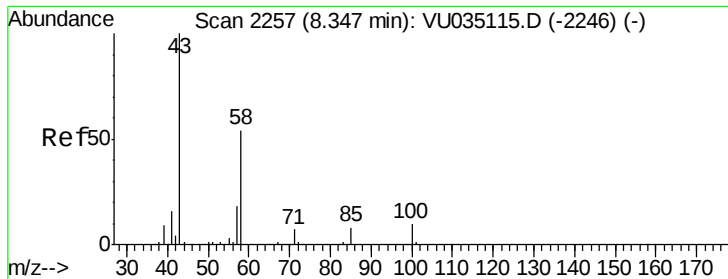
10000

0

8.15 8.20 8.25 8.30

Time-->

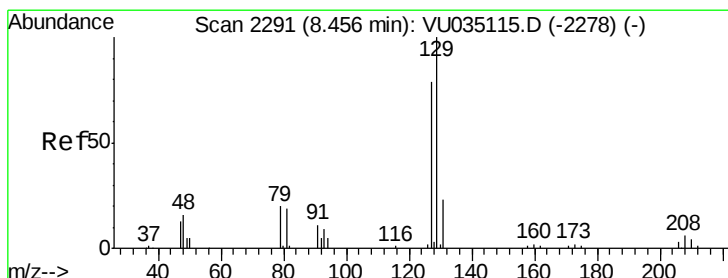
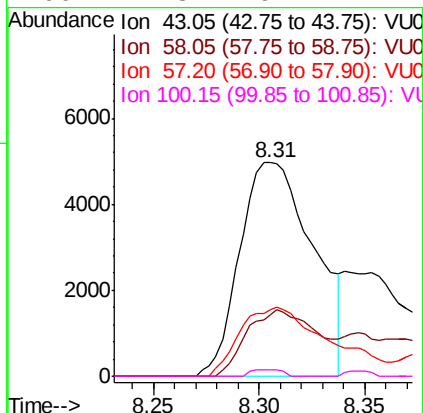
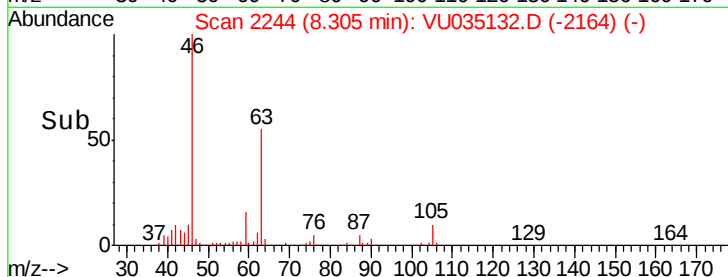
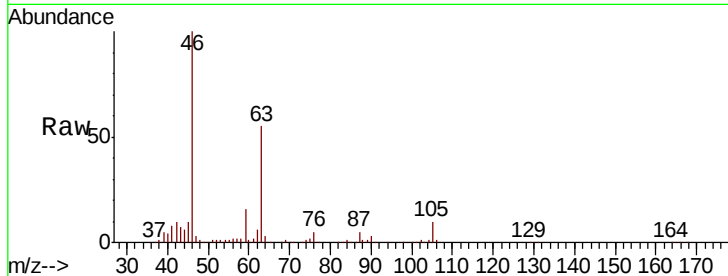




#48
2-Hexanone
Concen: 1.790 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.04 min
Lab File: VU035132.D
Acq: 12 Oct 2019 09:21

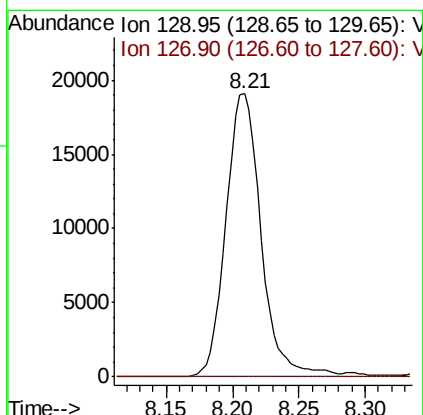
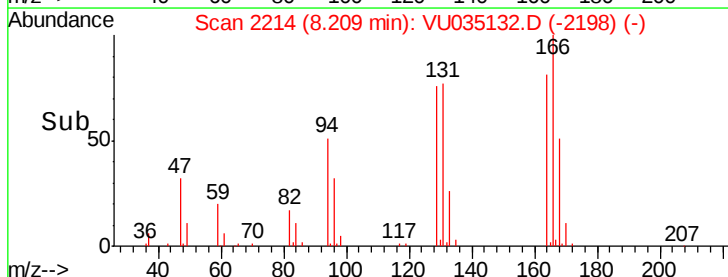
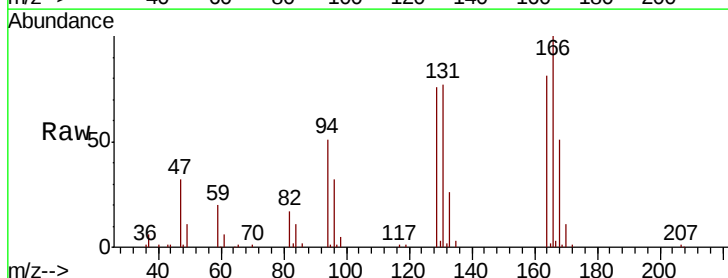
Instrument :
MSVOA_U
ClientSampleId :

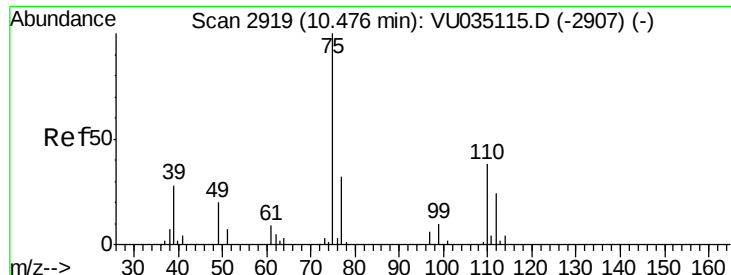
Tot Ion: 43 Resp: 12073
Ion Ratio Lower Upper
43 100
58 28.8 44.1 66.1#
57 38.8 15.8 23.8#
100 1.3 9.4 14.2#



#49
Dibromochloromethane
Concen: 2.937 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035132.D
Acq: 12 Oct 2019 09:21

Tgt Ion: 129 Resp: 35233
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.922 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035132.D

Acq: 12 Oct 2019 09:21

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9327

Ion Ratio Lower Upper

75 100

77 38.4 26.5 39.7

