

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035129.D
 Acq On : 12 Oct 2019 08:08
 Operator : JC/SP
 Sample : K5309-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 01:20:32 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	171489	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	182326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51167	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	50335	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.26	63	77367	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.17	46	154073	51.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.22%
24) Chloroform-d	4.62	84	101432	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
26) 1,2-Dichloroethane-d4	5.29	65	56195	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.32	84	193394	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.31	67	69305	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.55	98	166005	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	17855	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.30	63	107046	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58068	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	58340	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

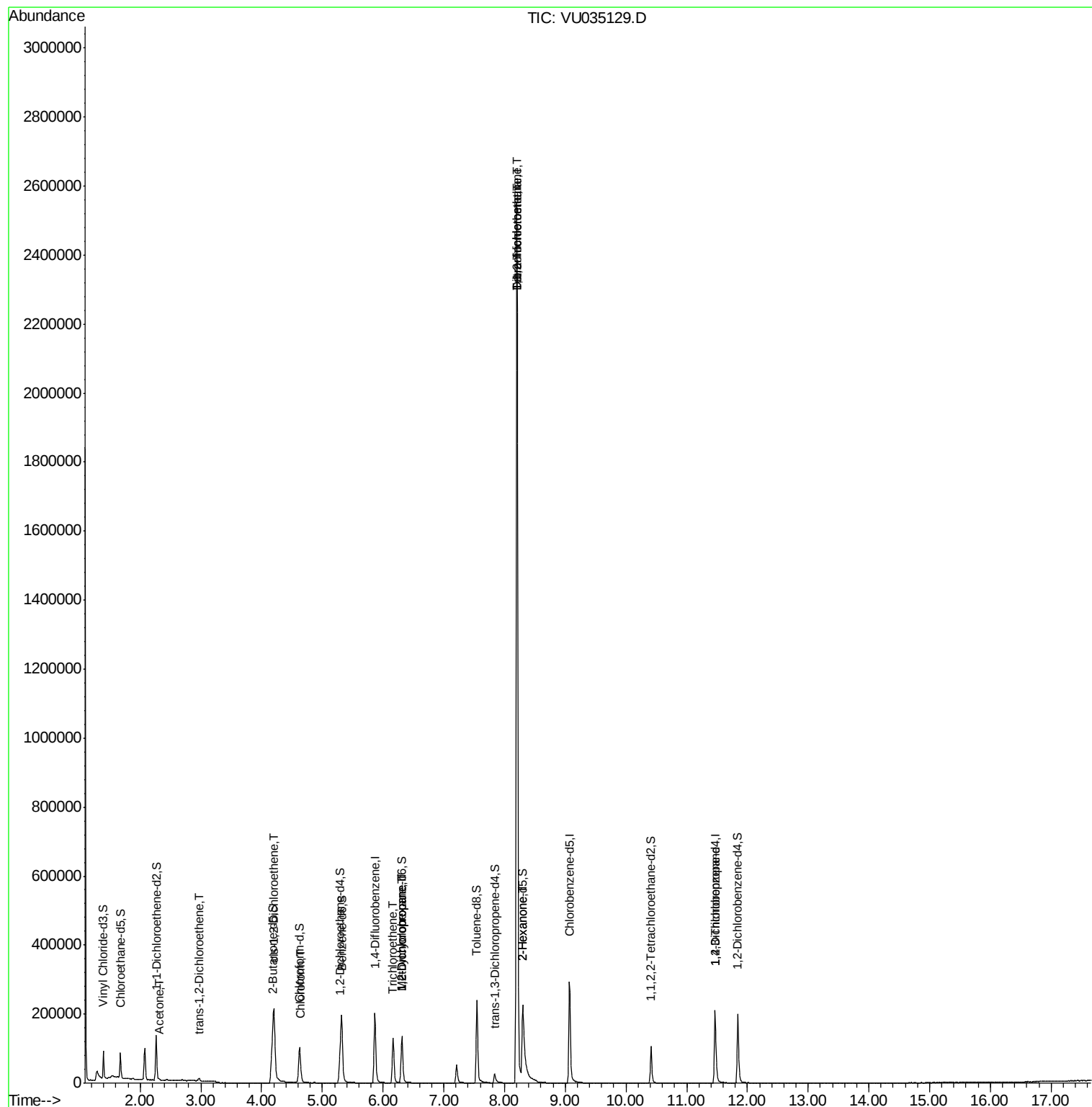
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	3867	1.582	ug/L	89
18) trans-1,2-Dichloroethene	2.96	96	2091	0.177	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	109051	8.289	ug/L	88
25) Chloroform	4.65	83	6684	0.254	ug/L	87
34) Trichloroethene	6.16	95	46883	3.310	ug/L	99
35) Methylcyclohexane	6.31	83	15084	0.658	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	7874	0.531	ug/L #	88
45) 1,1,2-Trichloroethane	8.21	97	4988	0.507	ug/L #	1
47) Tetrachloroethene	8.21	164	566594	49.419	ug/L	96
48) 2-Hexanone	8.30	43	12426	1.944	ug/L #	56
49) Dibromochloromethane	8.21	129	538033	47.322	ug/L #	13
59) 1,2,3-Trichloropropane	11.47	75	8508	0.887	ug/L	96

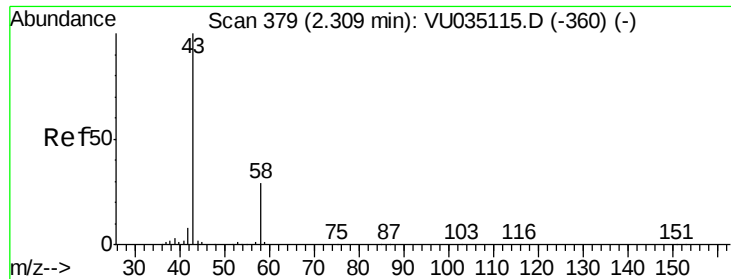
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 1.582 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :

MSVOA_U

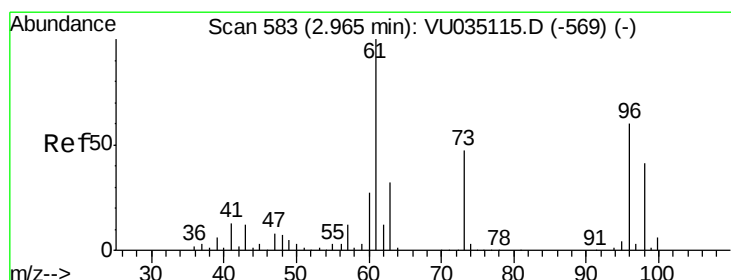
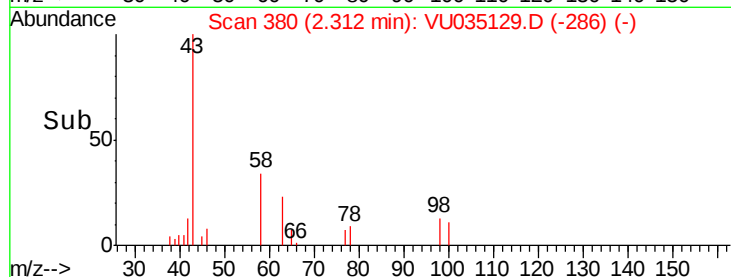
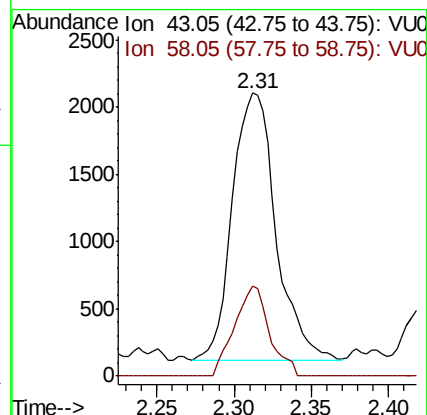
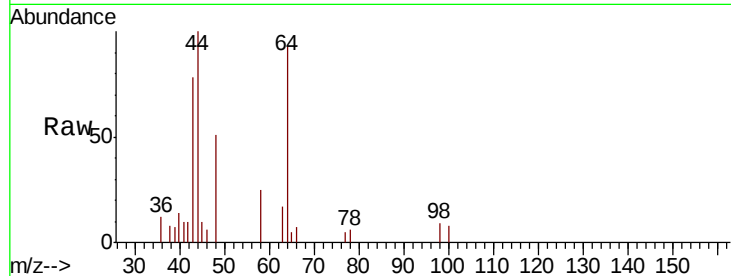
ClientSampleId :

Tot Ion: 43 Resp: 3867

Ion Ratio Lower Upper

43 100

58 27.0 0.0 66.6



#18

trans-1,2-Dichloroethene

Concen: 0.177 ug/L

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

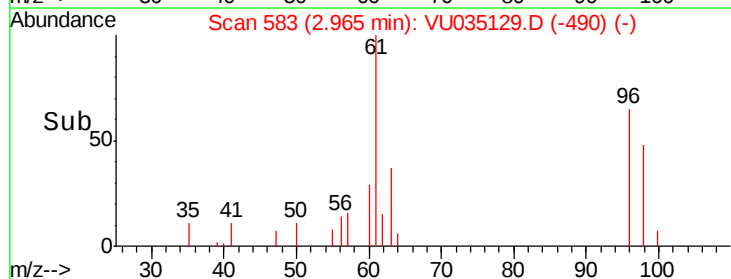
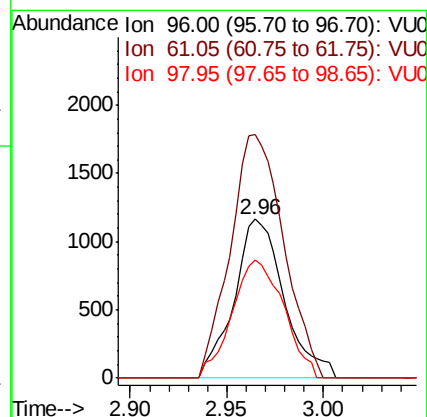
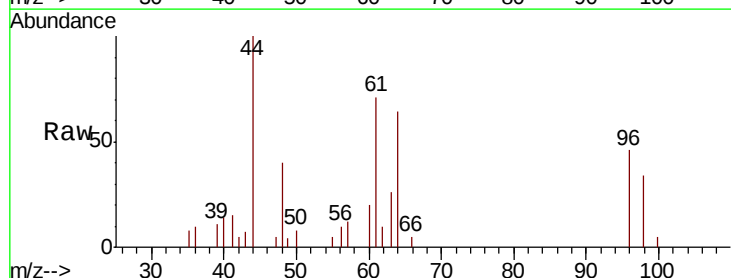
Tgt Ion: 96 Resp: 2091

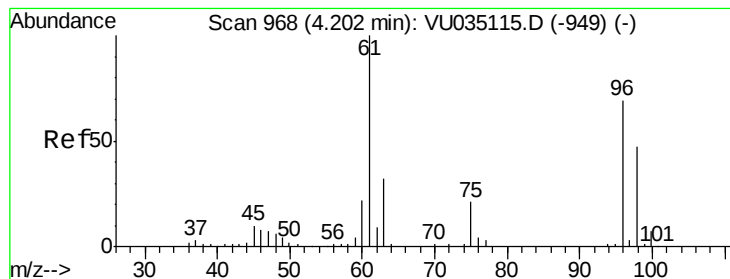
Ion Ratio Lower Upper

96 100

61 153.2 107.1 198.9

98 74.2 45.4 84.4





#22

cis-1,2-Dichloroethene

Concen: 8.289 ug/L

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :
MSVOA_U
ClientSampled :

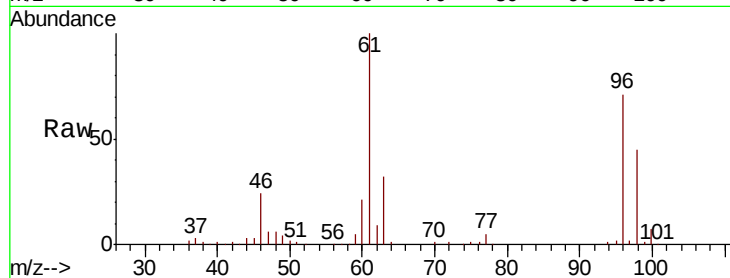
Tot Ion: 96 Resp: 109051

Ion Ratio Lower Upper

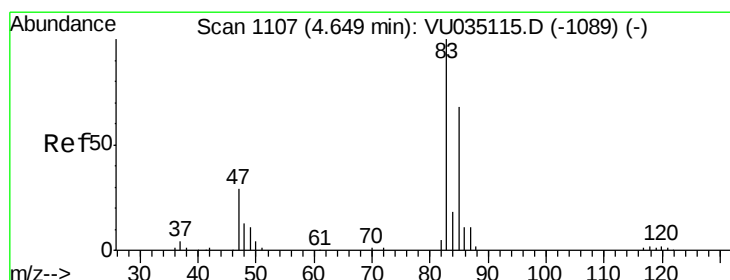
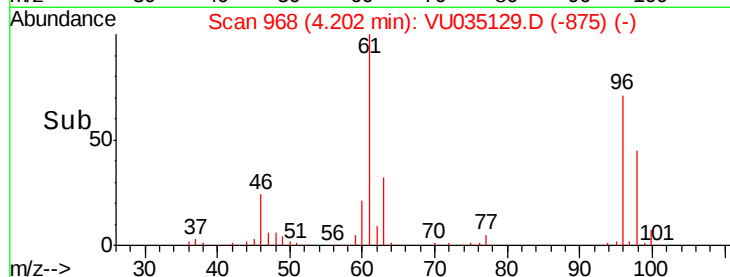
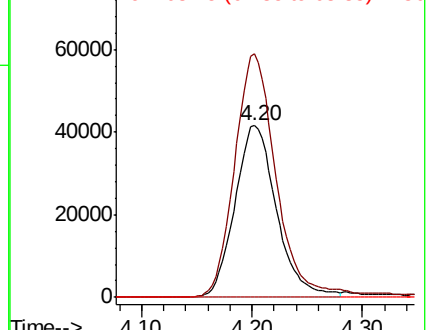
96 100

61 141.8 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: 0.254 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035129.D

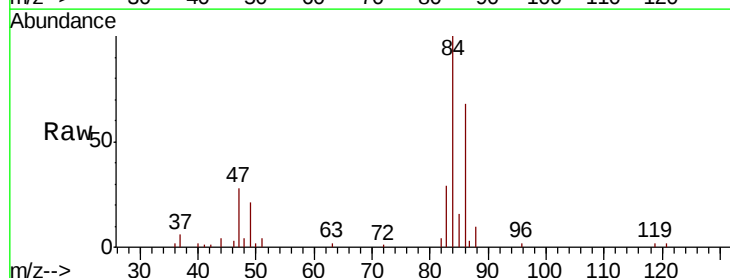
Acq: 12 Oct 2019 08:08

Tgt Ion: 83 Resp: 6684

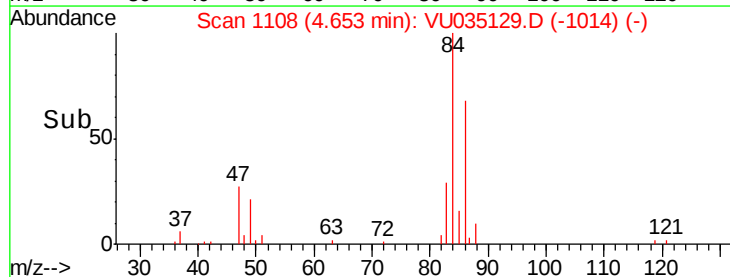
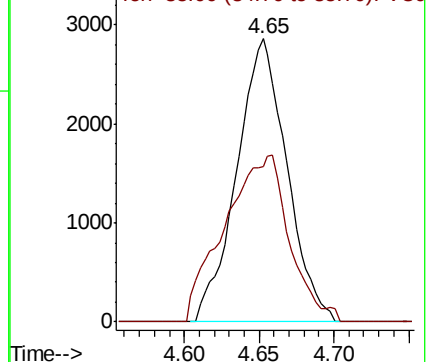
Ion Ratio Lower Upper

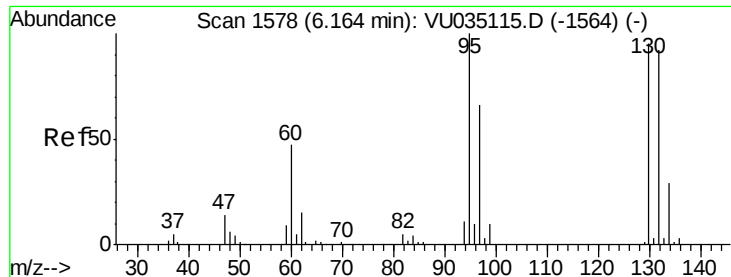
83 100

85 54.8 45.4 84.4



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

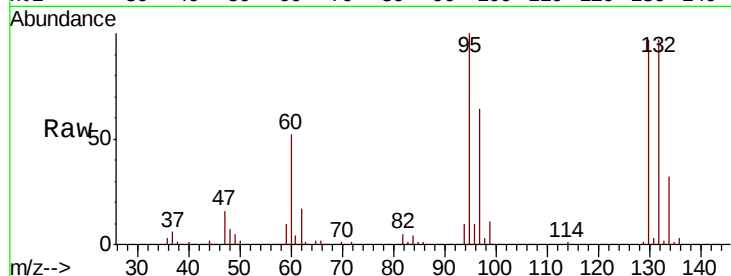




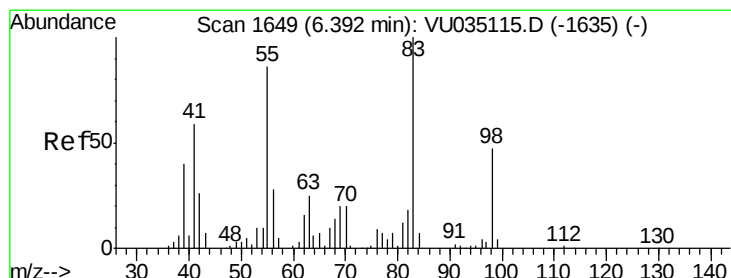
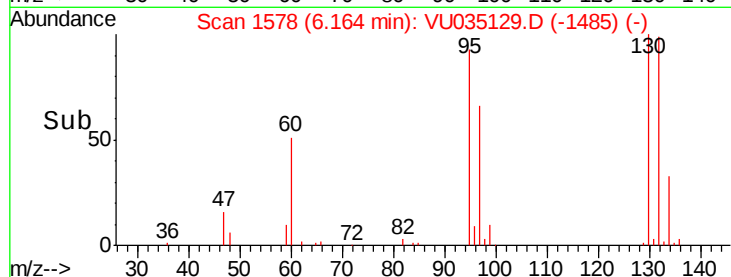
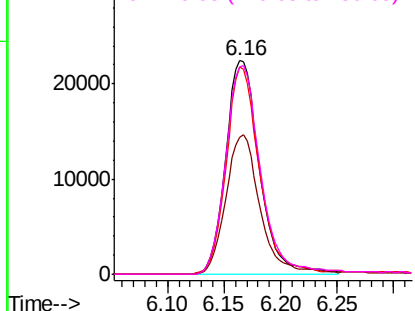
#34
 Trichloroethene
 Concen: 3.310 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 46883
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.5 82.7
 132 96.9 66.6 123.8
 130 97.4 68.9 127.9

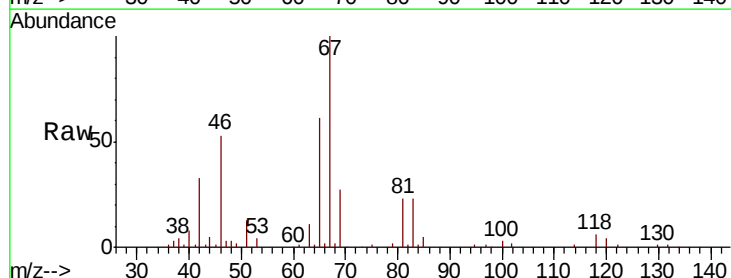


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

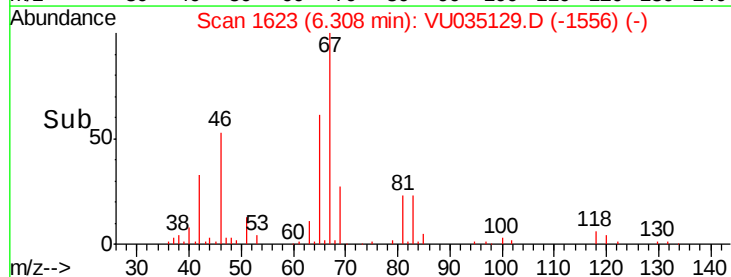
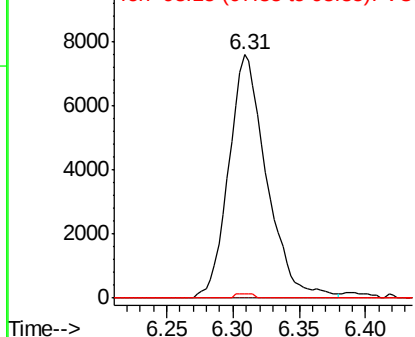


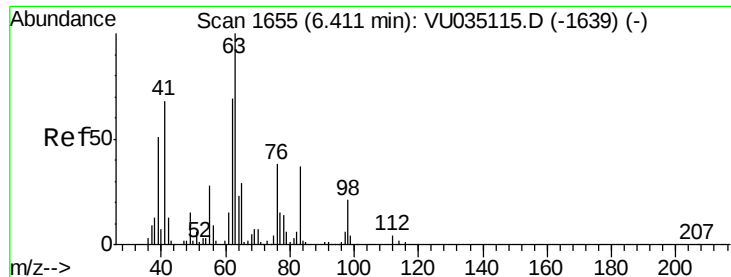
#35
 Methylcyclohexane
 Concen: 0.658 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.08 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Tgt Ion: 83 Resp: 15084
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 94.0#
 98 0.9 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: 0.531 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :

MSVOA_U

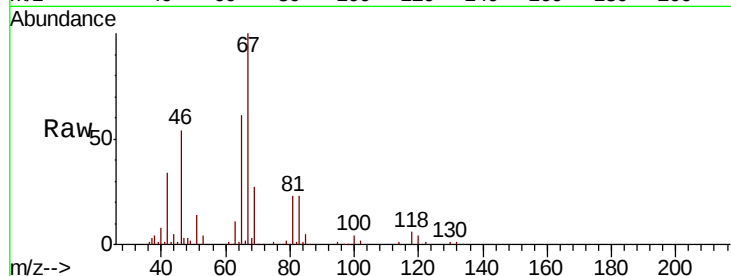
ClientSampled :

Tot Ion: 63 Resp: 7874

Ion Ratio Lower Upper

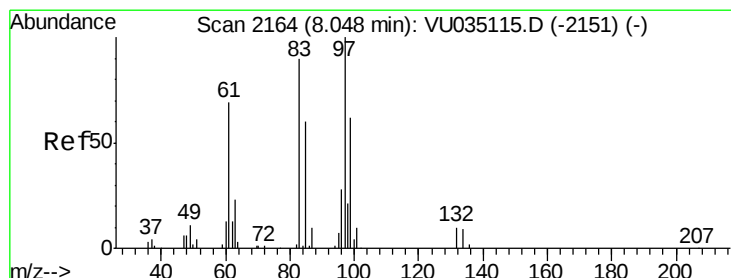
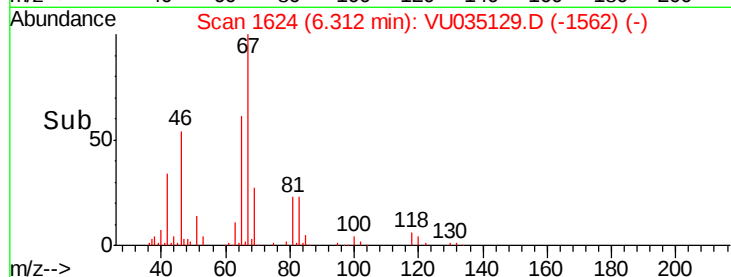
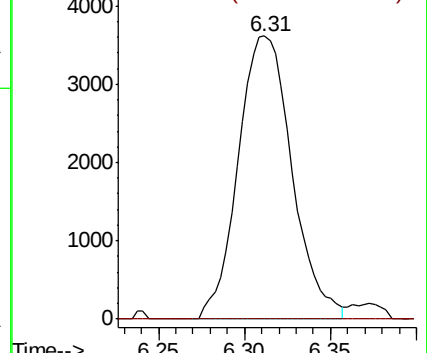
63 100

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) (-)



#45

1,1,2-Trichloroethane

Concen: 0.507 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.16 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Tgt Ion: 97 Resp: 4988

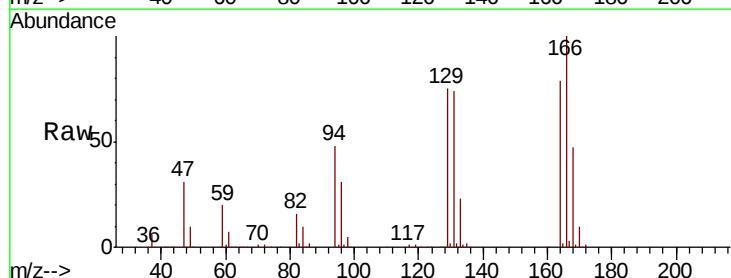
Ion Ratio Lower Upper

97 100

99 16.0 42.3 78.5#

83 264.3 58.0 107.6#

85 36.2 37.8 70.2#

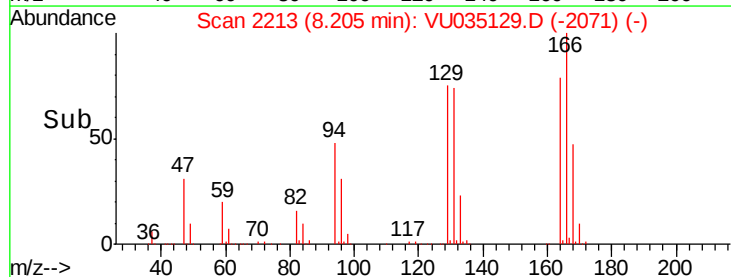
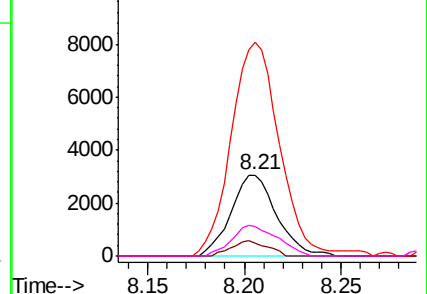


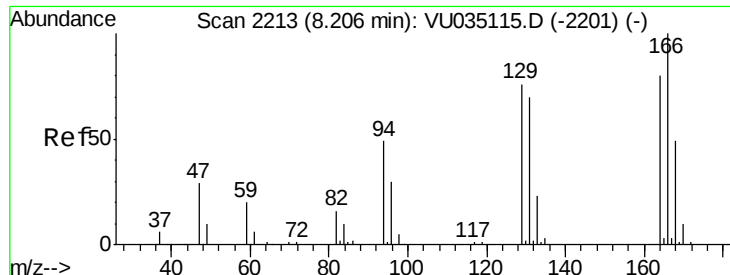
Abundance Ion 96.95 (96.65 to 97.65): VU035115.D (-2151) (-)

Ion 99.05 (98.75 to 99.75): VU035115.D (-2151) (-)

Ion 82.95 (82.65 to 83.65): VU035115.D (-2151) (-)

Ion 85.00 (84.70 to 85.70): VU035115.D (-2151) (-)





#47

Tetrachloroethene

Concen: 49.419 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 566594

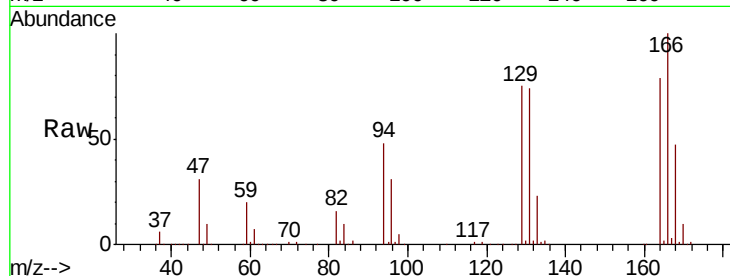
Ion Ratio Lower Upper

164 100

129 95.1 68.5 127.1

131 93.4 67.3 124.9

166 126.0 93.1 172.9

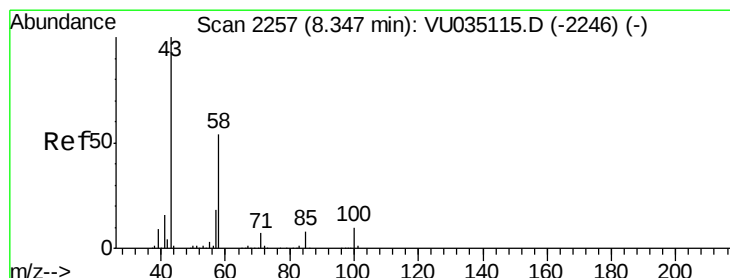
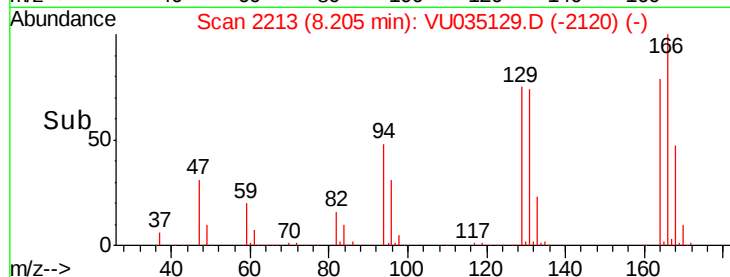
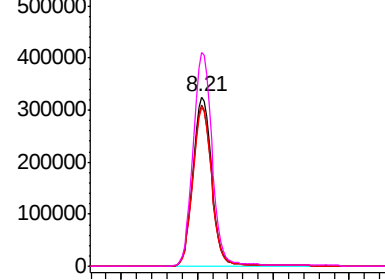


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.944 ug/L

RT: 8.30 min Scan# 2242

Delta R.T. -0.05 min

Lab File: VU035129.D

Acq: 12 Oct 2019 08:08

Tgt Ion: 43 Resp: 12426

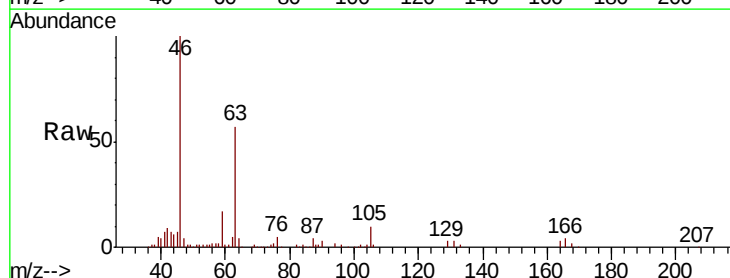
Ion Ratio Lower Upper

43 100

58 17.2 44.1 66.1#

57 32.9 15.8 23.8#

100 1.3 9.4 14.2#

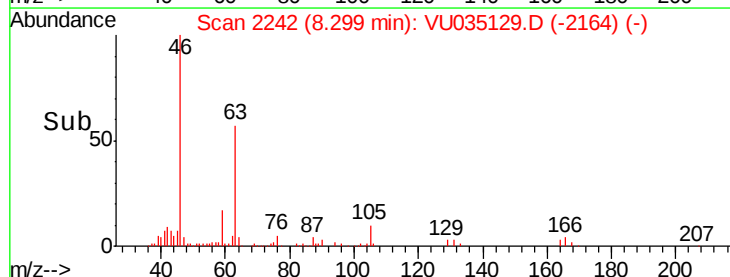
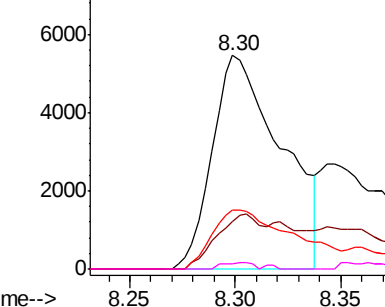


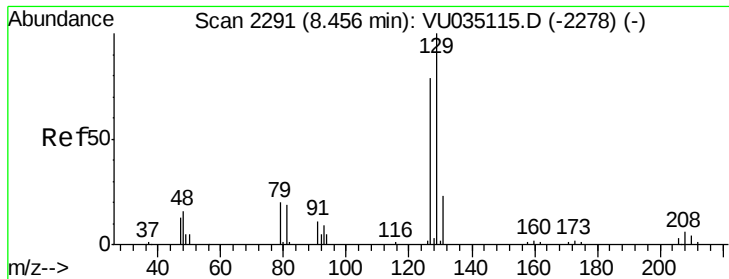
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

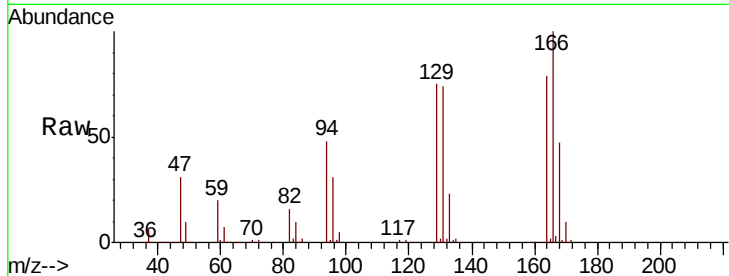




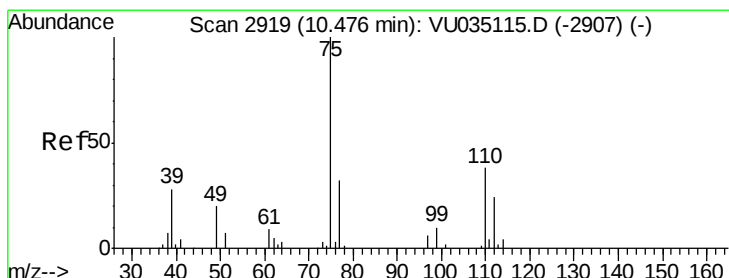
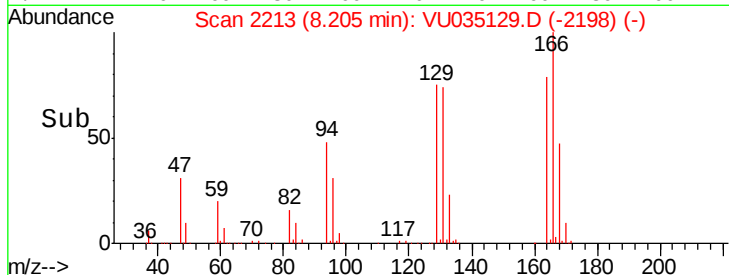
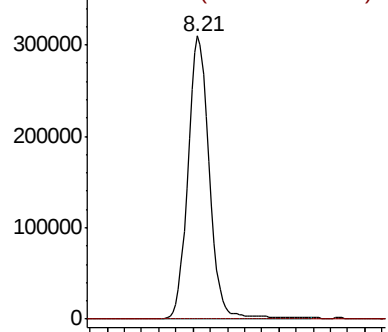
#49
 Dibromochloromethane
 Concen: 47.322 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.25 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 538033
 Ion Ratio Lower Upper
 129 100
 127 0.2 51.9 96.5#

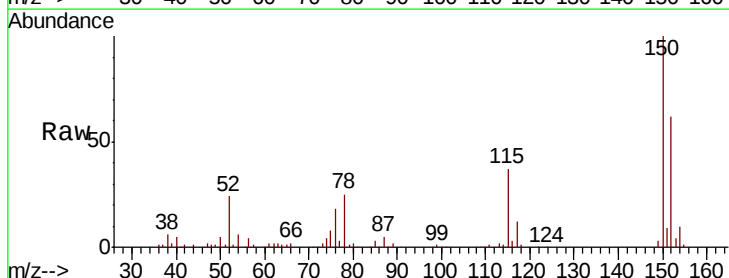


Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V



#59
 1,2,3-Trichloropropane
 Concen: 0.887 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU035129.D
 Acq: 12 Oct 2019 08:08

Tgt Ion: 75 Resp: 8508
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

