

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
 Data File : VU035133.D
 Acq On : 12 Oct 2019 09:45
 Operator : JC/SP
 Sample : K5310-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OU2-MD-2-001-01

Quant Time: Oct 14 03:43:28 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	179487	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180556	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69746	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	1.68	69	51531	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.26	63	84871	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.17	46	172163	55.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	4.62	84	98522	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	57335	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.32	84	203960	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.31	67	70935	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.55	98	179791	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.83	79	19729	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	119859	49.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58141	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	62853	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

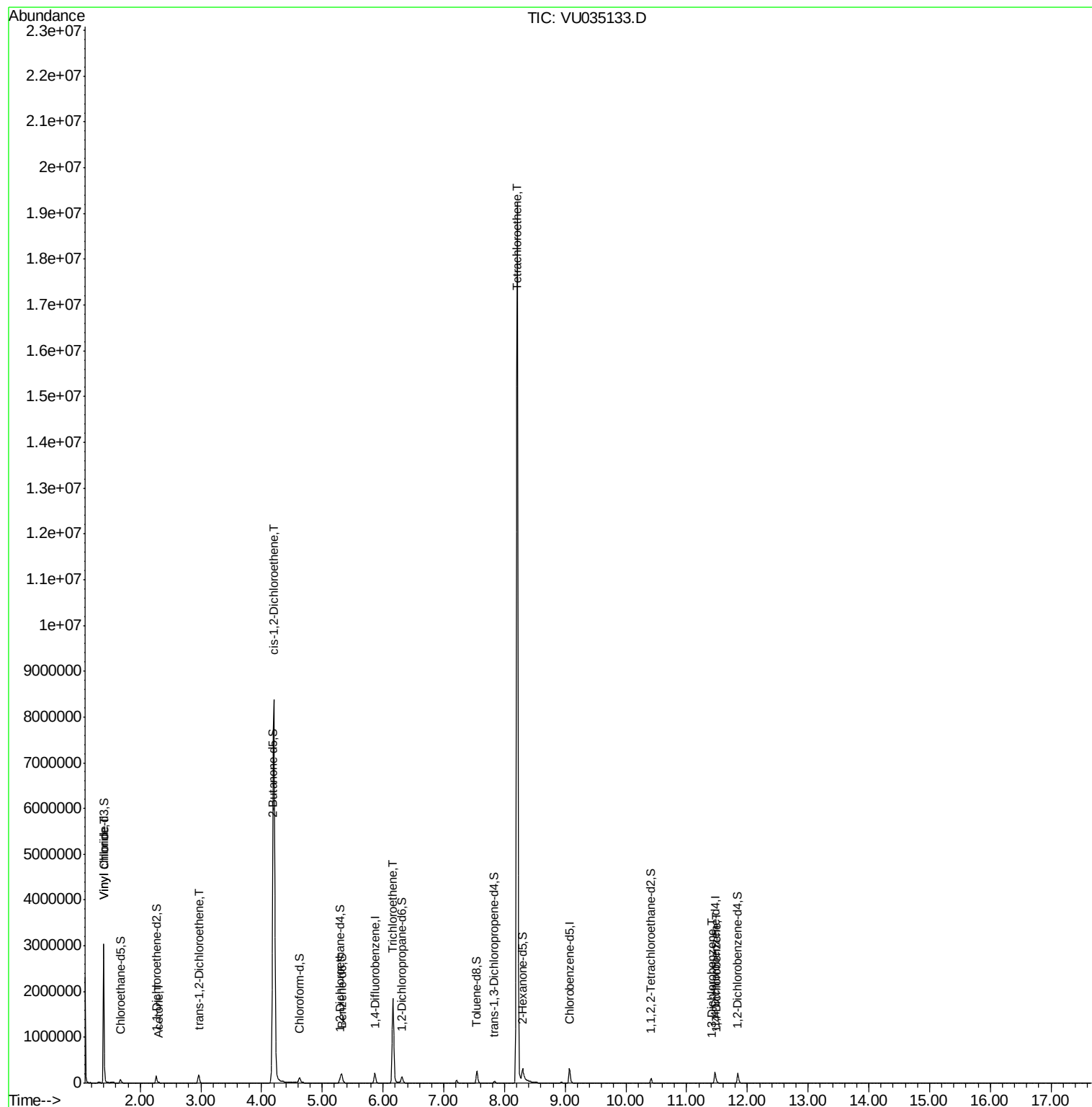
					Ovalue
5) Vinyl chloride	1.40	62	1871421	105.881	ug/L 99
13) Acetone	2.31	43	6044	2.362	ug/L 94
18) trans-1,2-Dichloroethene	2.96	96	65606	5.315	ug/L 94
22) cis-1,2-Dichloroethene	4.20	96	4433882	321.989	ug/L 86
34) Trichloroethene	6.16	95	648017	46.201	ug/L 99
47) Tetrachloroethene	8.21	164	4045019	356.273	ug/L 97
62) 1,3-Dichlorobenzene	11.41	146	2977	0.132	ug/L 90
63) 1,4-Dichlorobenzene	11.49	146	3805	0.167	ug/L 90

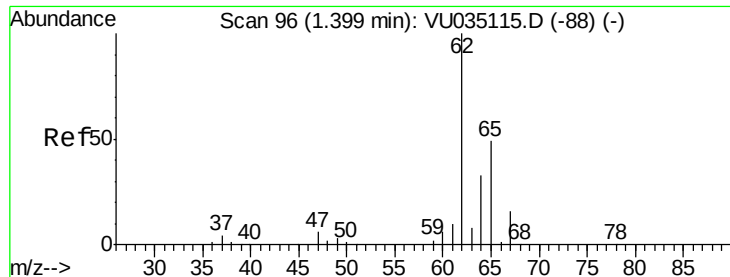
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035133.D
Acq On : 12 Oct 2019 09:45
Operator : JC/SP
Sample : K5310-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
OU2-MD-2-001-01

Quant Time: Oct 14 03:43:28 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





#5

Vinyl chloride

Concen: 105.881 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU035133.D

Acq: 12 Oct 2019 09:45

Instrument :

MSVOA_U

ClientSampleId :

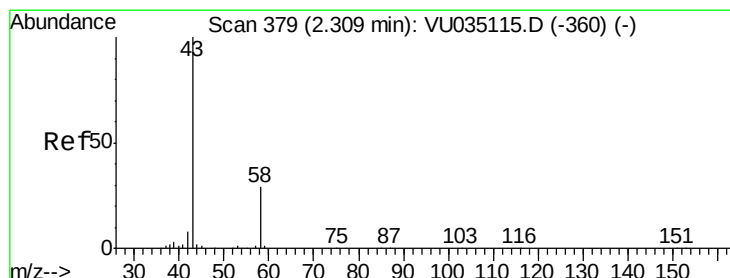
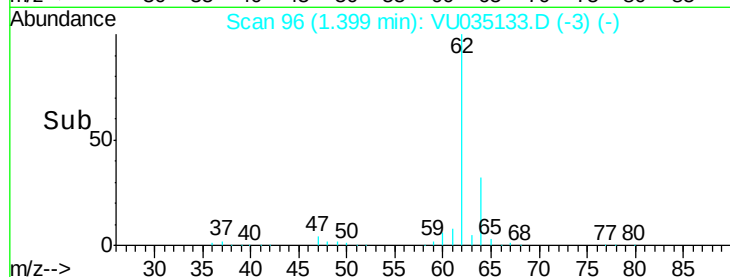
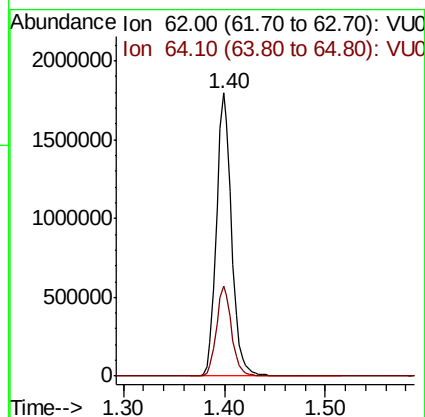
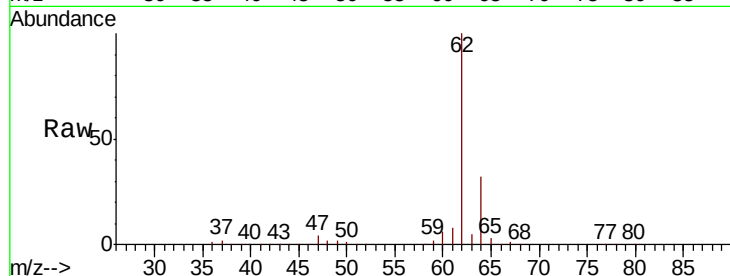
OU2-MD-2-001-01

Tot Ion: 62 Resp: 1871421

Ion Ratio Lower Upper

62 100

64 31.9 22.8 42.4



#13

Acetone

Concen: 2.362 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035133.D

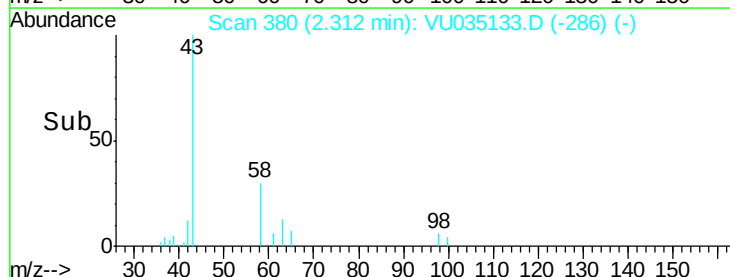
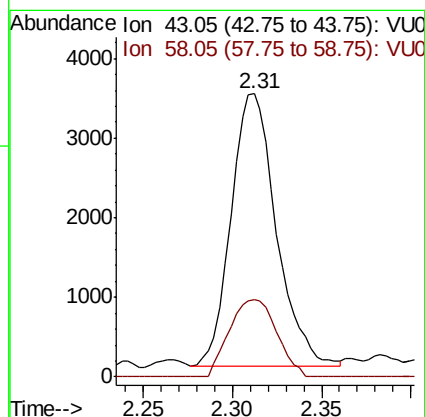
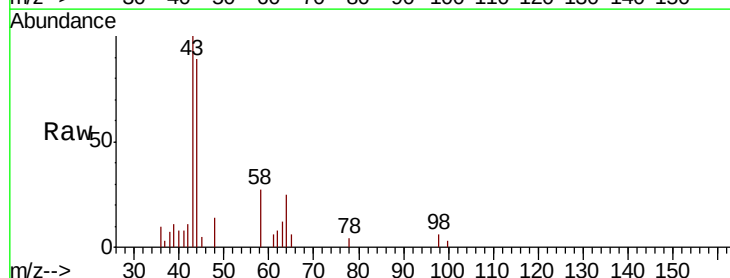
Acq: 12 Oct 2019 09:45

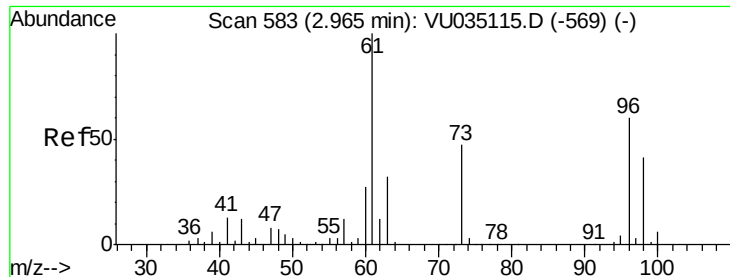
Tgt Ion: 43 Resp: 6044

Ion Ratio Lower Upper

43 100

58 29.7 0.0 66.6

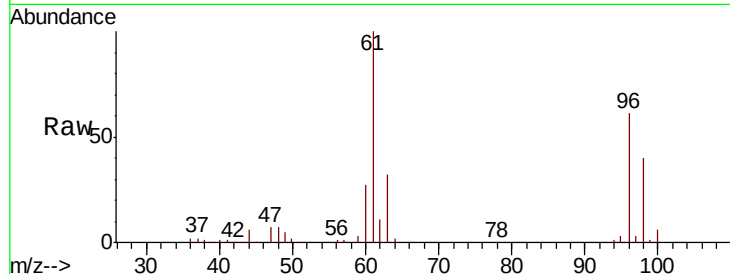




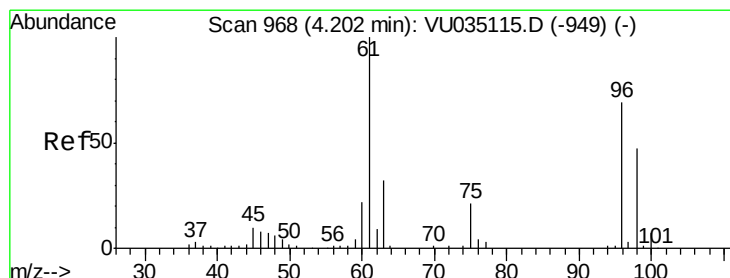
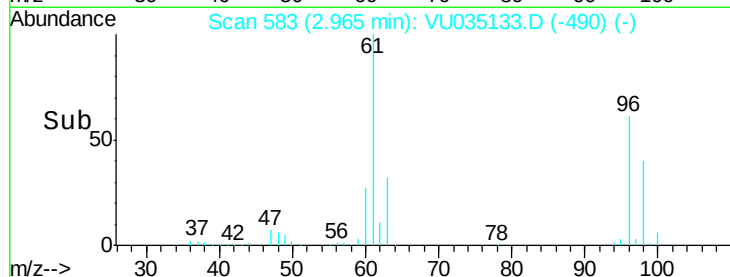
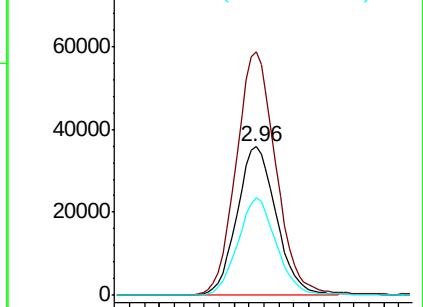
#18
trans-1,2-Dichloroethene
Concen: 5.315 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU035133.D
Acq: 12 Oct 2019 09:45

Instrument :
MSVOA_U
ClientSampleId :
OU2-MD-2-001-01

Tot Ion: 96 Resp: 65606
Ion Ratio Lower Upper
96 100
61 164.1 107.1 198.9
98 65.5 45.4 84.4

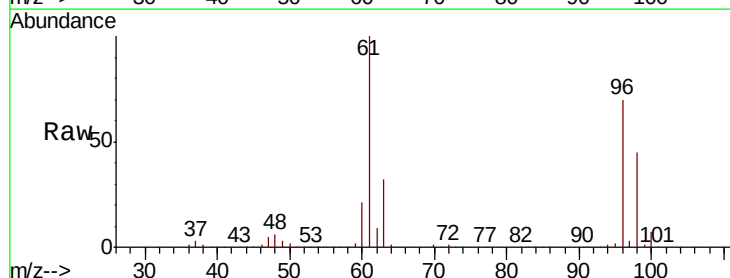


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

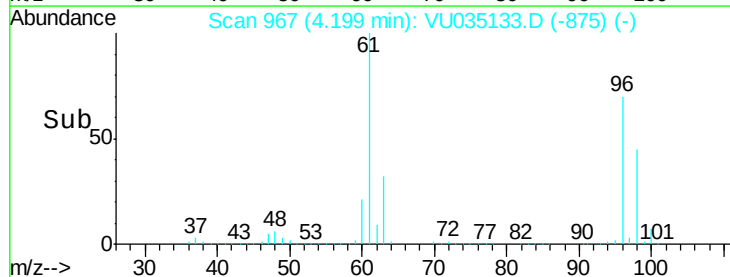
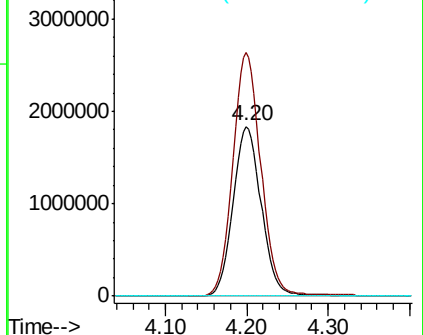


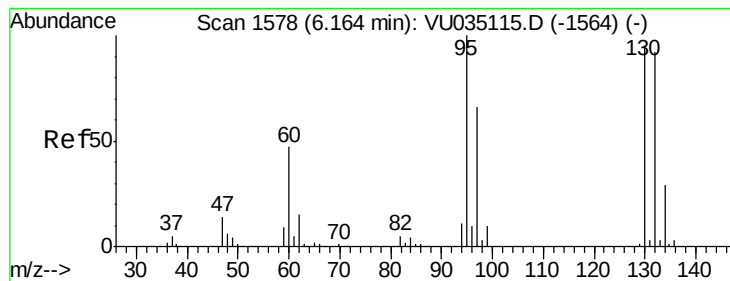
#22
cis-1,2-Dichloroethene
Concen: 321.989 ug/L
RT: 4.20 min Scan# 967
Delta R.T. -0.00 min
Lab File: VU035133.D
Acq: 12 Oct 2019 09:45

Tgt Ion: 96 Resp: 4433882
Ion Ratio Lower Upper
96 100
61 143.6 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





#34

Trichloroethene

Concen: 46.201 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU035133.D

Acq: 12 Oct 2019 09:45

Instrument :

MSVOA_U

ClientSampleId :

OU2-MD-2-001-01

Tot Ion: 95 Resp: 648017

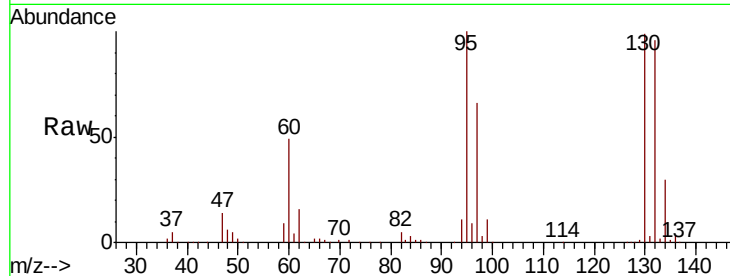
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 96.4 66.6 123.8

130 98.9 68.9 127.9

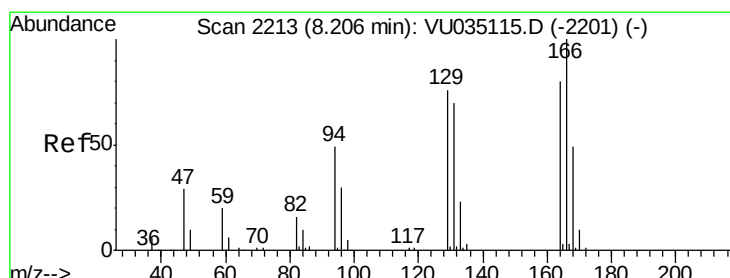
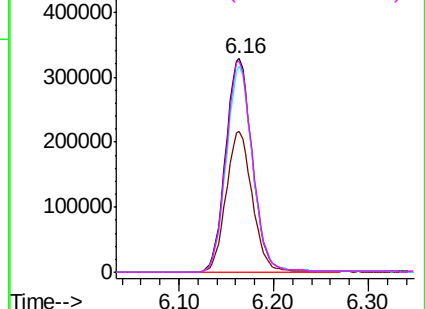
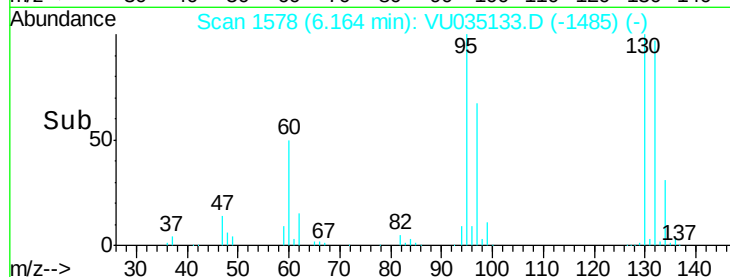


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 356.273 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035133.D

Acq: 12 Oct 2019 09:45

Tgt Ion: 164 Resp: 4045019

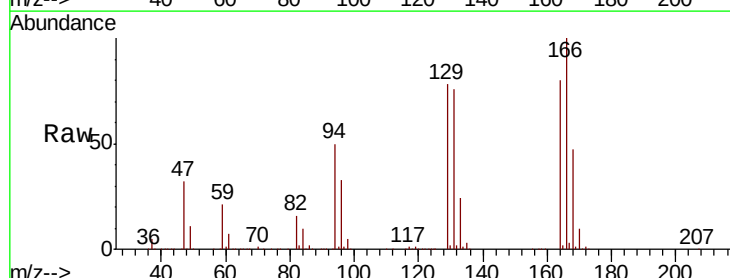
Ion Ratio Lower Upper

164 100

129 98.5 68.5 127.1

131 95.4 67.3 124.9

166 125.6 93.1 172.9

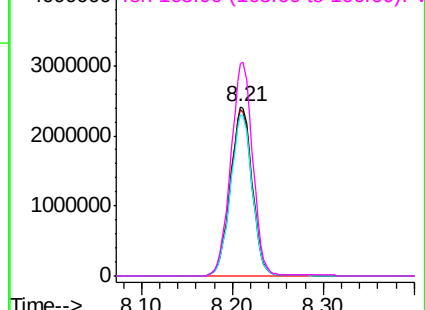
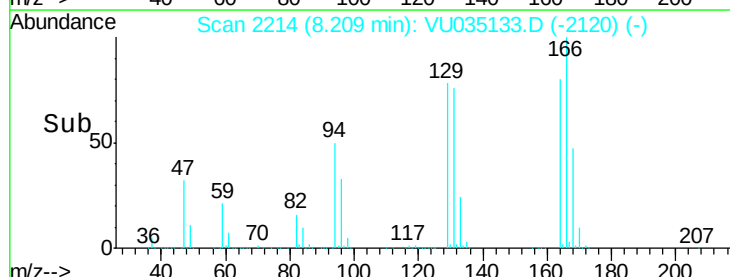


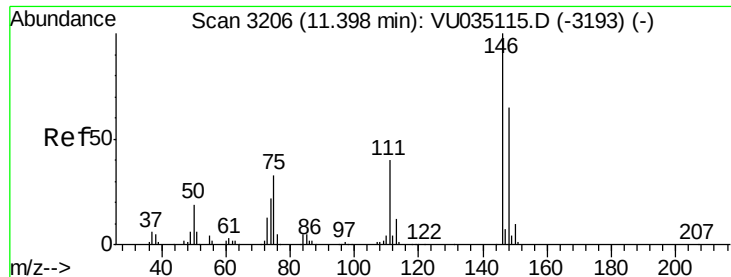
Abundance Ion 163.90 (163.60 to 164.60): V

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





#62

1,3-Dichlorobenzene

Concen: 0.132 ug/L

RT: 11.41 min Scan# 3209

Delta R.T. 0.01 min

Lab File: VU035133.D

Acq: 12 Oct 2019 09:45

Instrument :

MSVOA_U

ClientSampleId :

OU2-MD-2-001-01

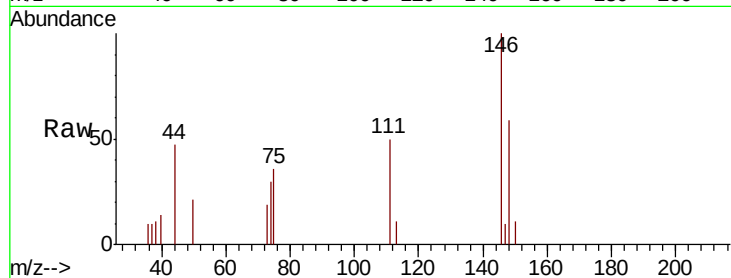
Tot Ion:146 Resp: 2977

Ion Ratio Lower Upper

146 100

111 49.5 28.6 53.2

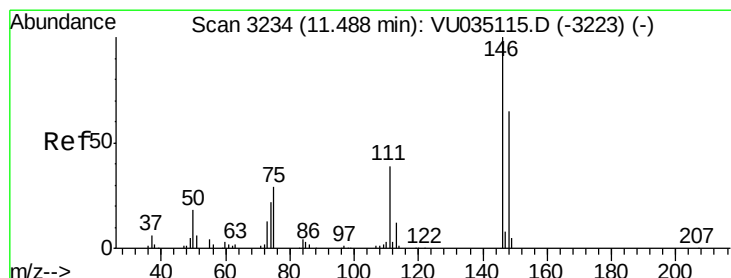
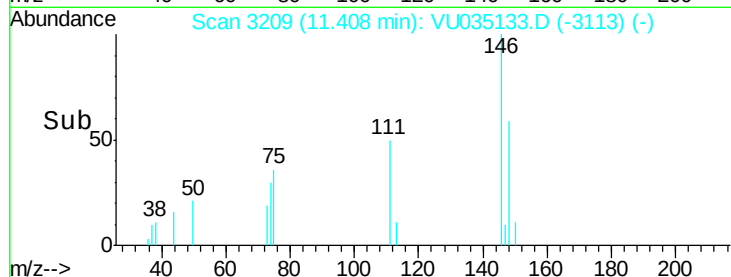
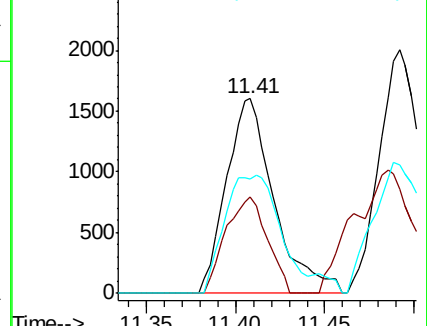
148 58.8 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.167 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU035133.D

Acq: 12 Oct 2019 09:45

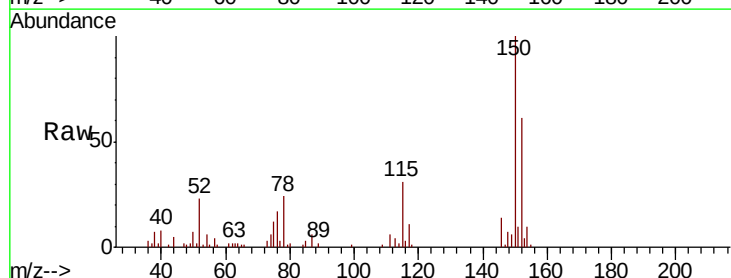
Tgt Ion:146 Resp: 3805

Ion Ratio Lower Upper

146 100

111 42.6 27.9 51.7

148 52.8 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

