

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035243.D
 Acq On : 18 Oct 2019 04:53
 Operator : JC/SP
 Sample : K5419-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FY8

Quant Time: Oct 18 07:26:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 05:36:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	342576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	331387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	124196	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	110107	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.93	69	98805	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.60	63	153623	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.71	46	294490	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	5.11	84	183169	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.75	65	114730	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.77	84	408965	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.74	67	131513	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	385538	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloropropene-	8.22	79	53839	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.70	63	253937	49.31	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107356	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	120393	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

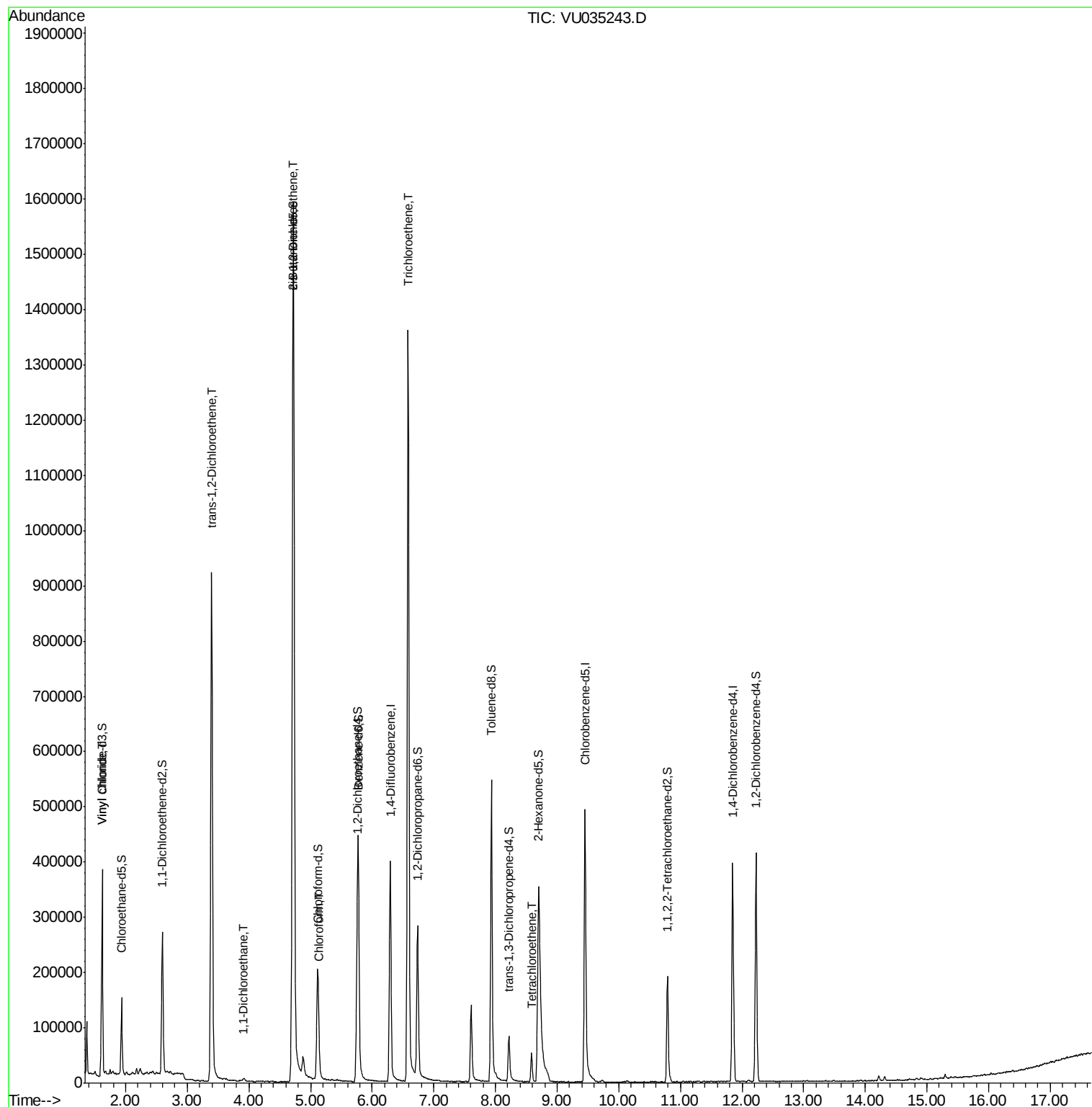
					Ovalue
5) Vinyl chloride	1.62	62	140809	4.741 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	409983	17.261 ug/L	97
19) 1,1-Dichloroethane	3.92	63	4335	0.101 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	792528	30.189 ug/L	100
25) Chloroform	5.14	83	22235	0.472 ug/L	98
34) Trichloroethene	6.58	95	479439	18.290 ug/L	98
47) Tetrachloroethene	8.59	164	13103	0.600 ug/L	89

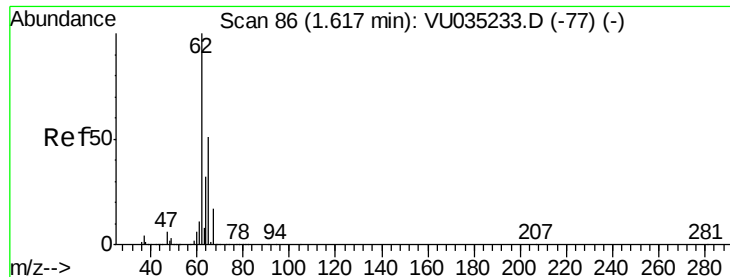
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 05:36:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.741 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035243.D

Acq: 18 Oct 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

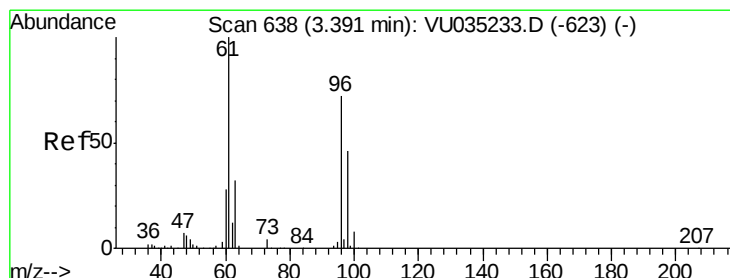
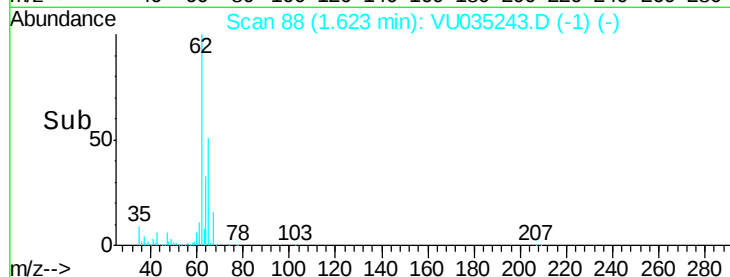
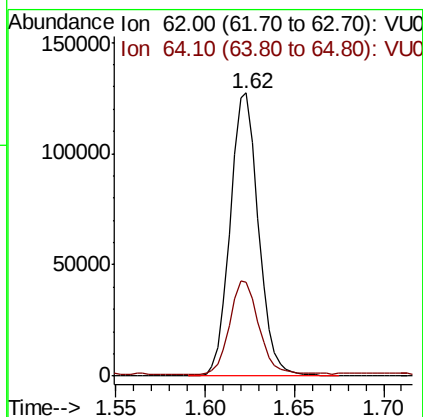
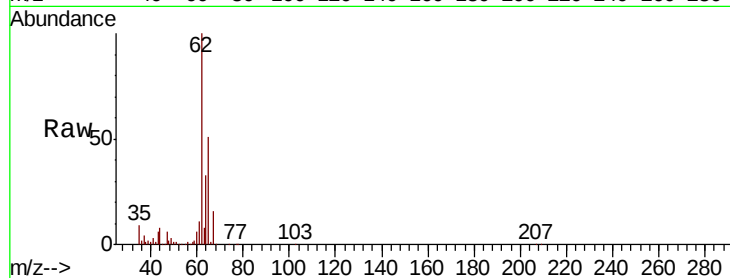
H0FY8

Tot Ion: 62 Resp: 140809

Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 17.261 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: VU035243.D

Acq: 18 Oct 2019 04:53

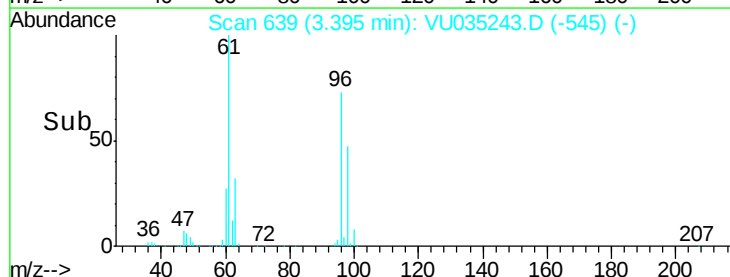
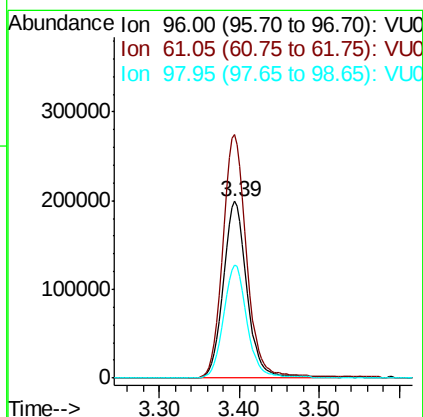
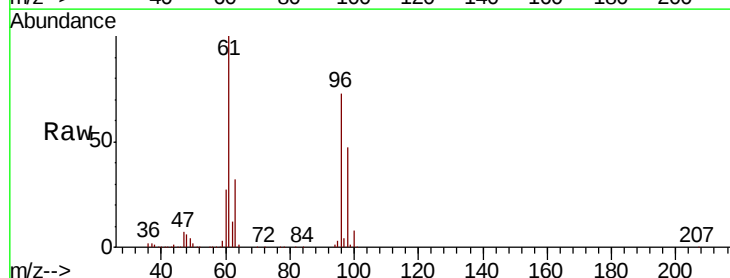
Tgt Ion: 96 Resp: 409983

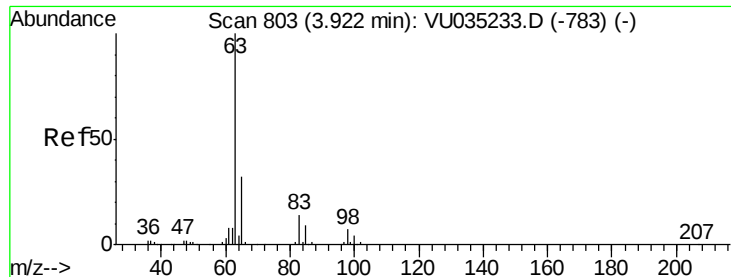
Ion Ratio Lower Upper

96 100

61 137.5 93.0 172.6

98 64.0 43.7 81.1

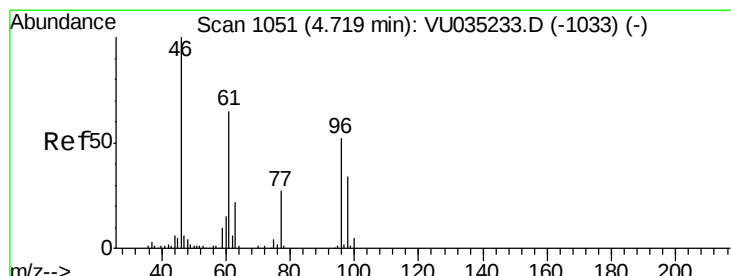
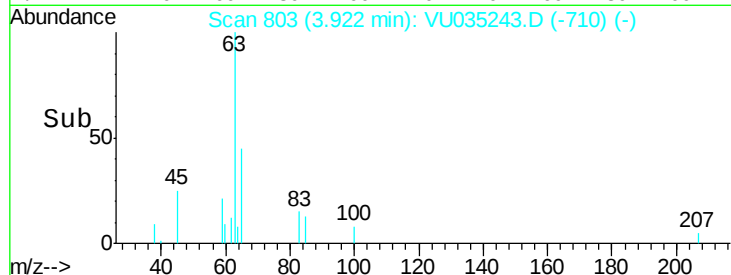
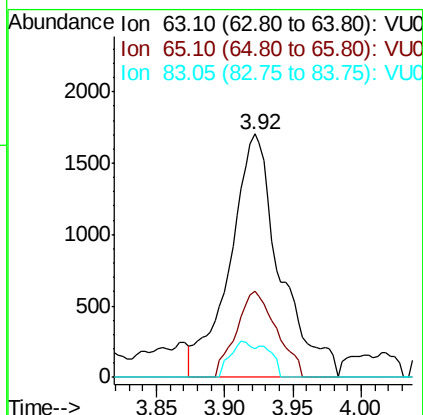
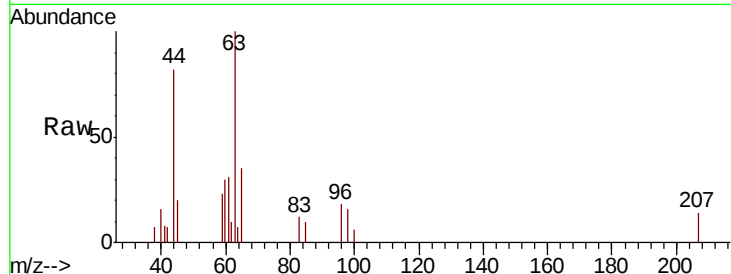




#19
 1,1-Dichloroethane
 Concen: 0.101 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: VU035243.D
 Acq: 18 Oct 2019 04:53

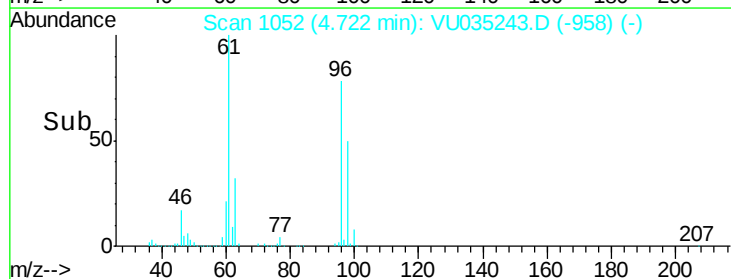
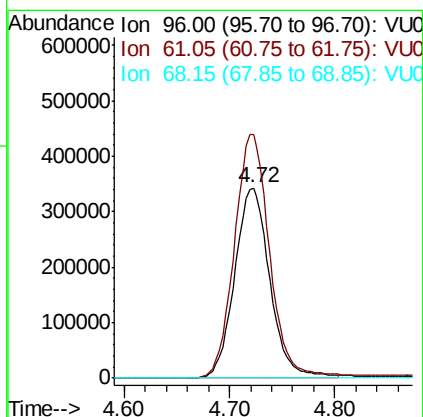
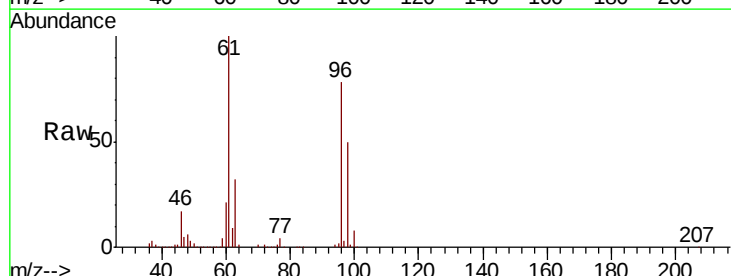
Instrument :
 MSVOA_U
 ClientSampleId :
 H0FY8

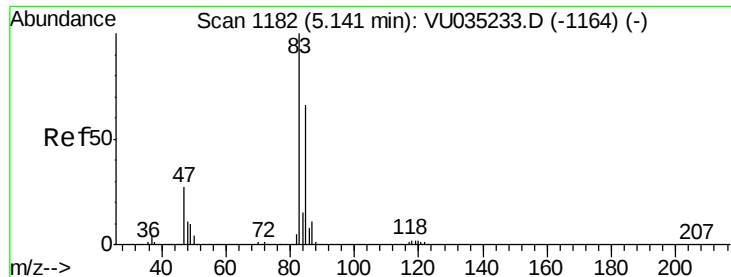
Tot Ion	Ratio	Lower	Upper
63	100		
65	35.2	22.4	41.6
83	11.9	9.3	17.3



#22
 cis-1,2-Dichloroethene
 Concen: 30.189 ug/L
 RT: 4.72 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VU035243.D
 Acq: 18 Oct 2019 04:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.2	89.7	166.5
68	0.0	0.0	0.0

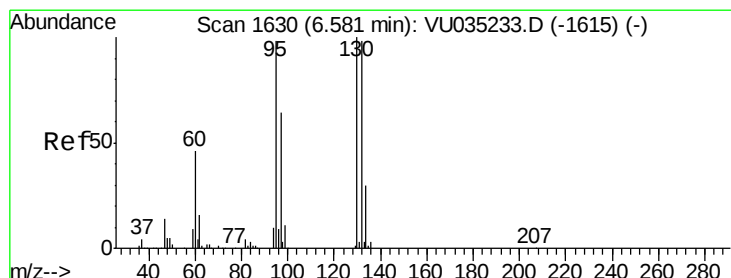
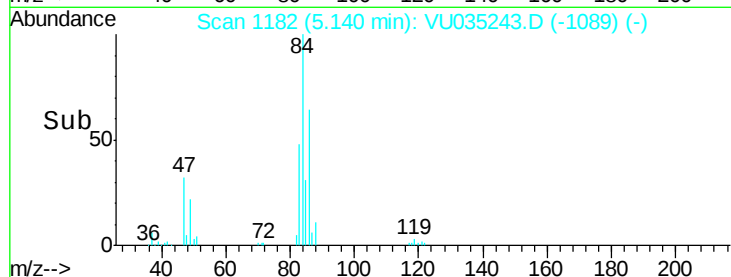
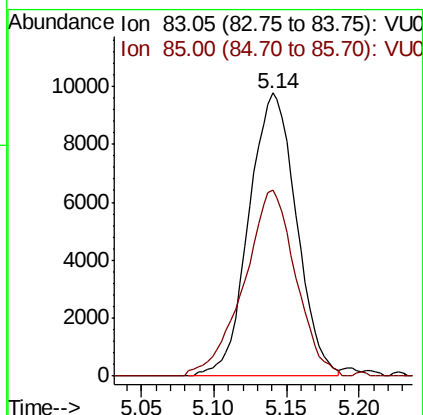
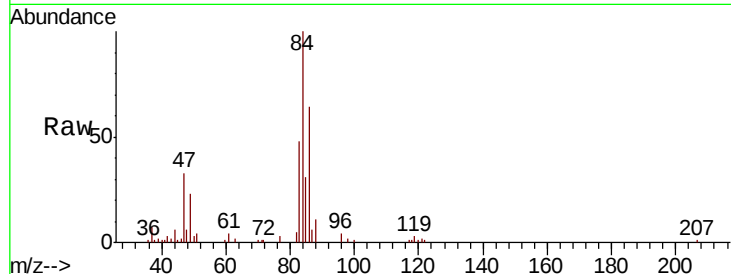




#25
Chloroform
Concen: 0.472 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

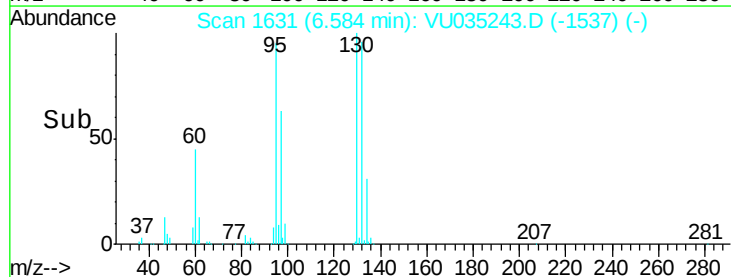
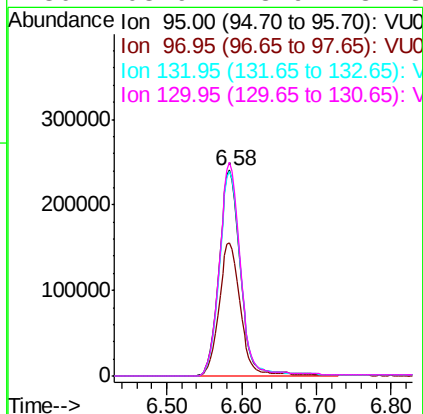
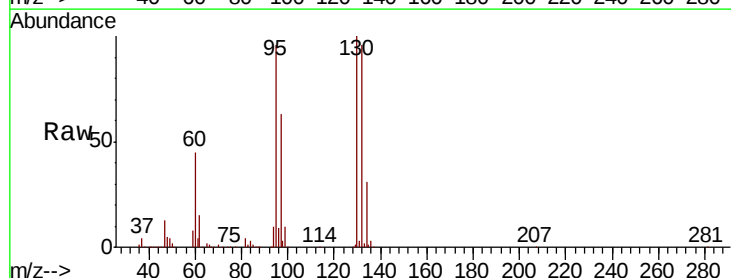
Instrument :
MSVOA_U
ClientSampled :
H0FY8

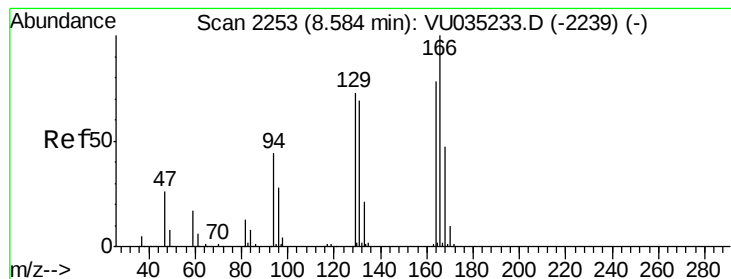
Tot Ion: 83 Resp: 22235
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.9



#34
Trichloroethene
Concen: 18.290 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035243.D
Acq: 18 Oct 2019 04:53

Tgt Ion: 95 Resp: 479439
Ion Ratio Lower Upper
95 100
97 64.9 46.6 86.6
132 99.5 68.7 127.7
130 103.9 73.9 137.3





#47

Tetrachloroethene

Concen: 0.600 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035243.D

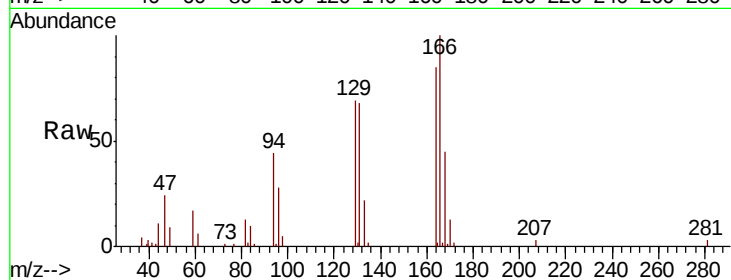
Acq: 18 Oct 2019 04:53

Instrument :

MSVOA_U

ClientSampleId :

H0FY8



Tot Ion:164 Resp: 13103

Ion Ratio Lower Upper

164 100

129 81.5 65.2 121.0

131 79.9 62.9 116.9

166 117.8 91.5 169.9

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

