

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035108.D
 Acq On : 11 Oct 2019 22:48
 Operator : JC/SP
 Sample : K5309-11 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-13-001-01

Quant Time: Oct 12 04:39:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170773	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	179391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	66263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54018	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.68	69	50295	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.26	63	80134	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.17	46	150822	50.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.46%
24) Chloroform-d	4.63	84	92029	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.29	65	56985	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.32	84	198498	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.31	67	69932	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.55	98	172007	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.84	79	20676	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.31	63	105900	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57376	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	57948	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

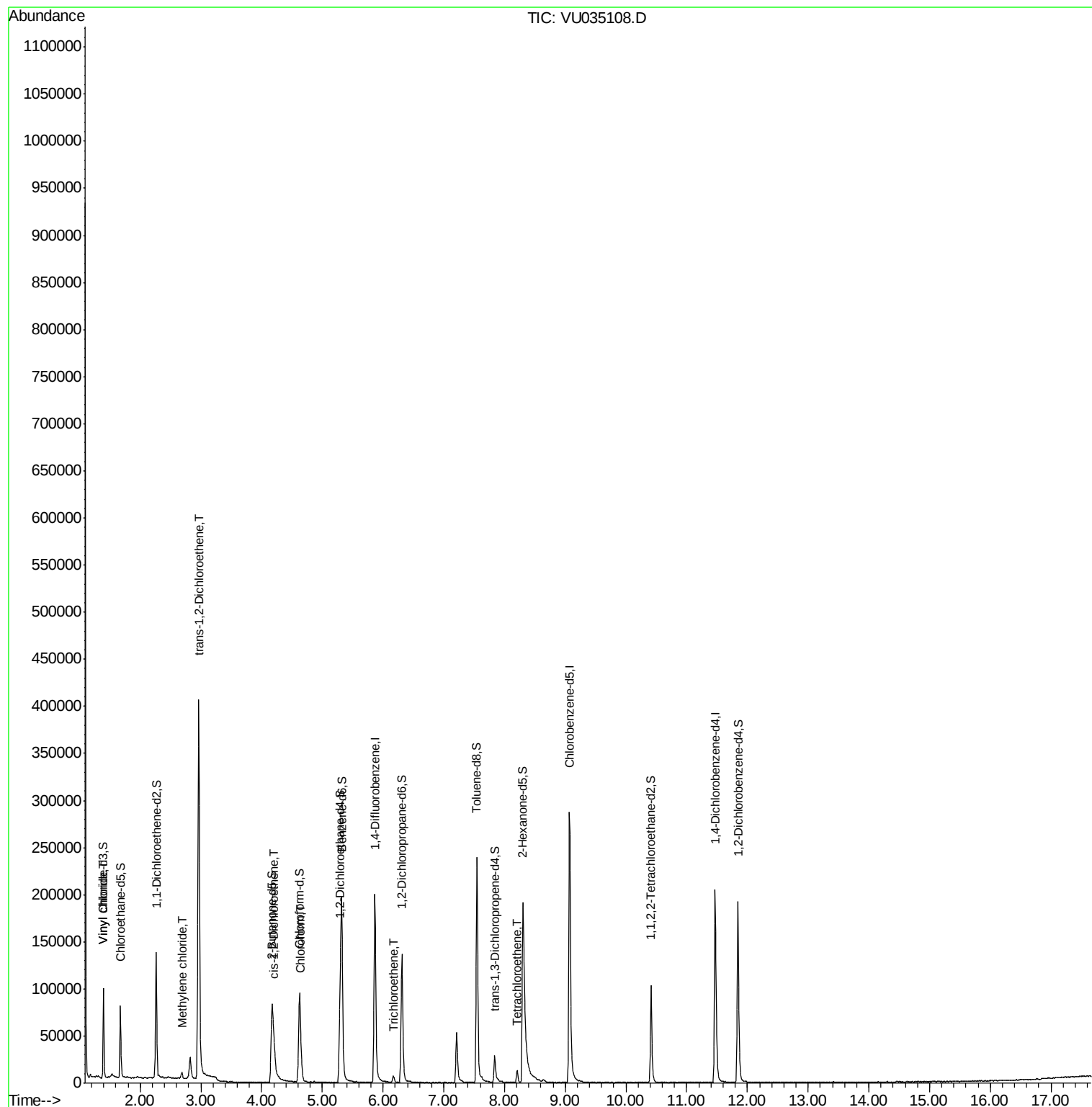
					Ovalue
5) Vinyl chloride	1.40	62	10112	0.601 ug/L	# 76
16) Methylene chloride	2.68	84	2525	0.186 ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	147187	12.532 ug/L	91
22) cis-1,2-Dichloroethene	4.20	96	9704	0.741 ug/L	94
25) Chloroform	4.65	83	13241	0.505 ug/L	97
34) Trichloroethene	6.17	95	2219	0.159 ug/L	89
47) Tetrachloroethene	8.21	164	2957	0.262 ug/L	86

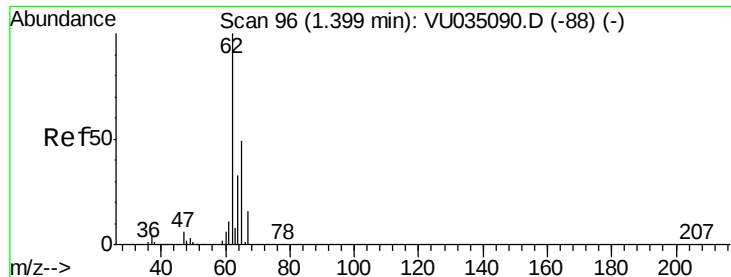
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101219\
Data File : VU035108.D
Acq On : 11 Oct 2019 22:48
Operator : JC/SP
Sample : K5309-11 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

Quant Time: Oct 12 04:39:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 02:39:23 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.601 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU035108.D

Acq: 11 Oct 2019 22:48

Instrument :

MSVOA_U

ClientSampled :

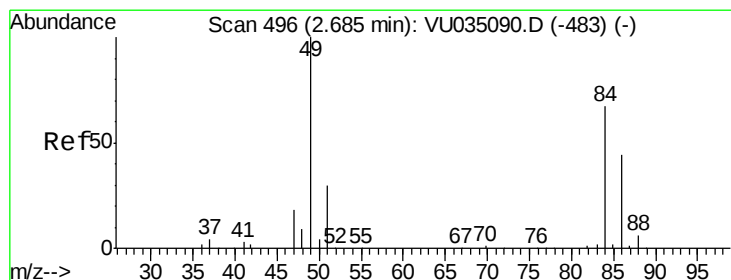
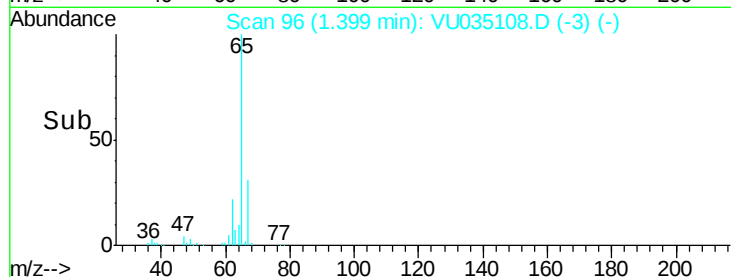
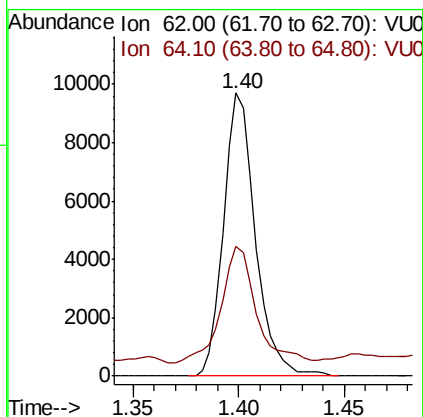
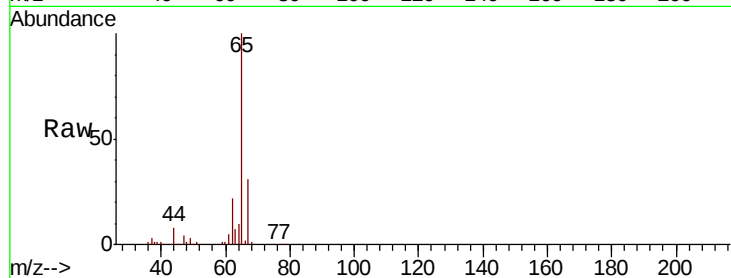
RD-13-001-01

Tot Ion: 62 Resp: 10112

Ion Ratio Lower Upper

62 100

64 45.9 22.8 42.4#



#16

Methylene chloride

Concen: 0.186 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU035108.D

Acq: 11 Oct 2019 22:48

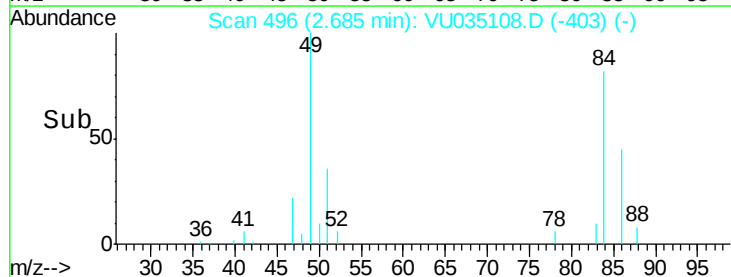
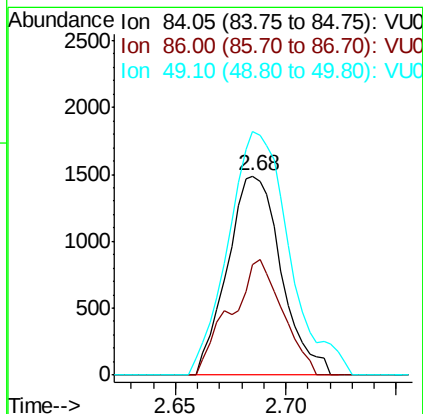
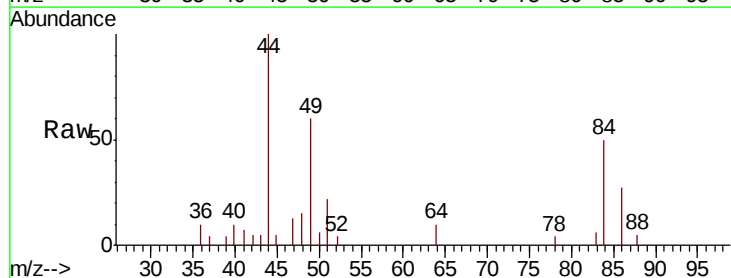
Tgt Ion: 84 Resp: 2525

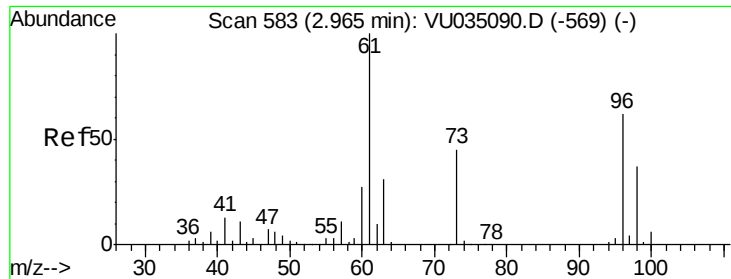
Ion Ratio Lower Upper

84 100

86 55.1 42.5 78.9

49 122.1 86.9 161.3

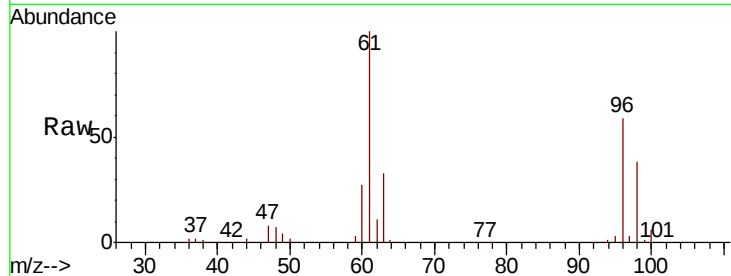




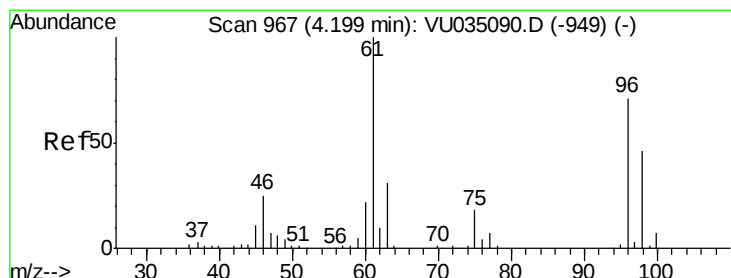
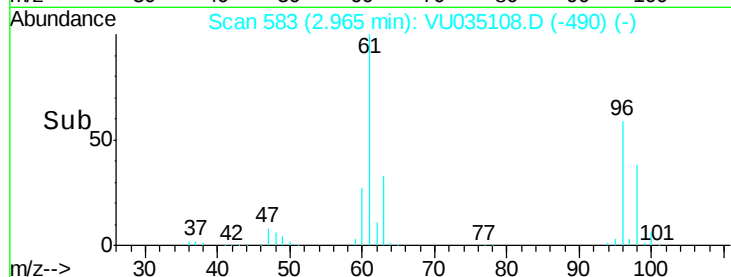
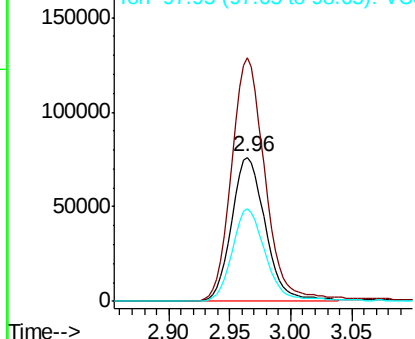
#18
trans-1,2-Dichloroethene
Concen: 12.532 ug/L
RT: 2.96 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU035108.D
Acq: 11 Oct 2019 22:48

Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

Tot Ion: 96 Resp: 147187
Ion Ratio Lower Upper
96 100
61 169.2 107.1 198.9
98 64.3 45.4 84.4

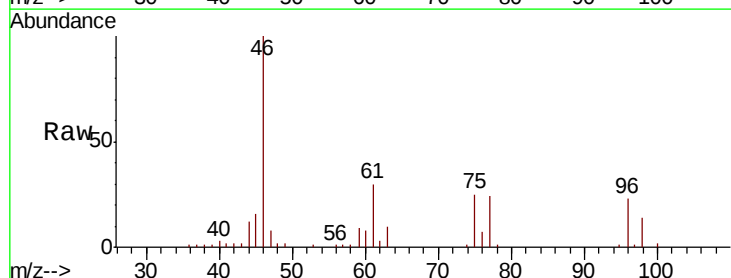


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

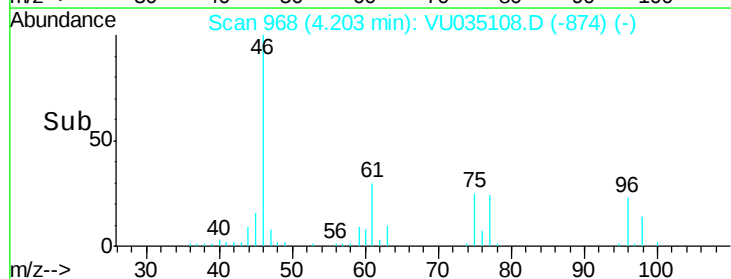
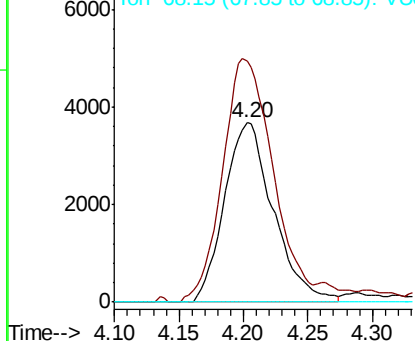


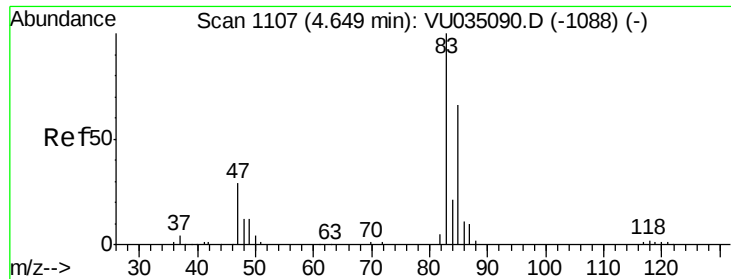
#22
cis-1,2-Dichloroethene
Concen: 0.741 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035108.D
Acq: 11 Oct 2019 22:48

Tgt Ion: 96 Resp: 9704
Ion Ratio Lower Upper
96 100
61 134.3 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

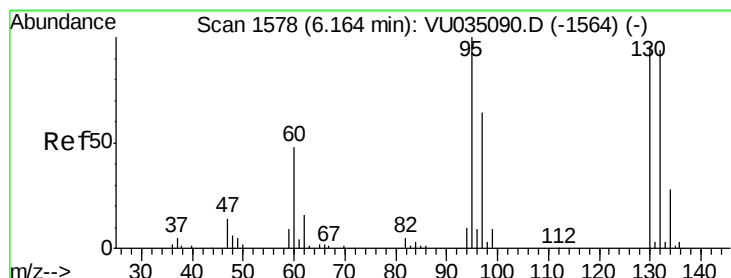
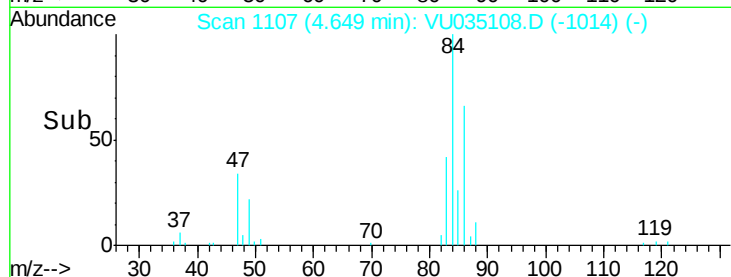
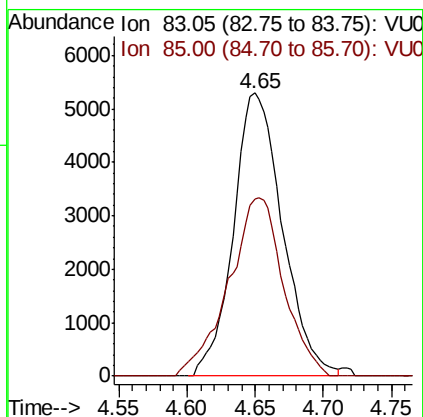
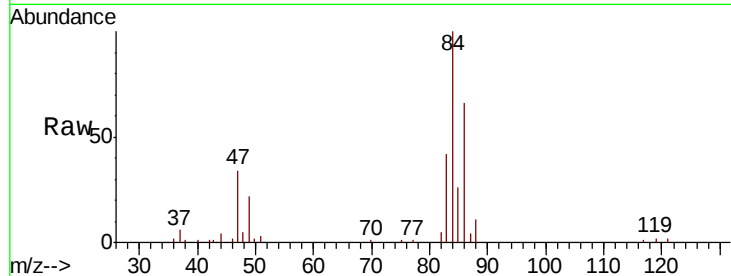




#25
Chloroform
Concen: 0.505 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU035108.D
Acq: 11 Oct 2019 22:48

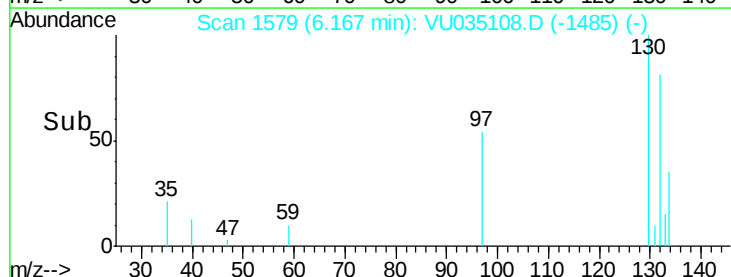
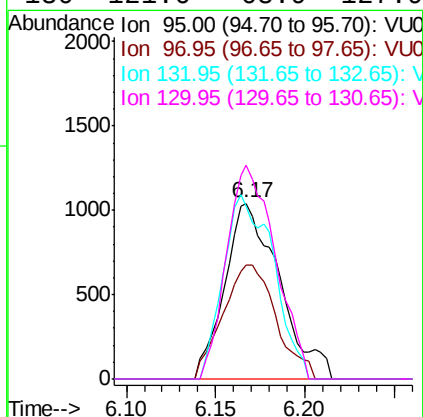
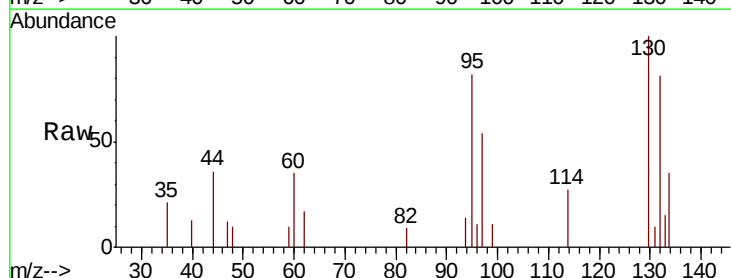
Instrument :
MSVOA_U
ClientSampleId :
RD-13-001-01

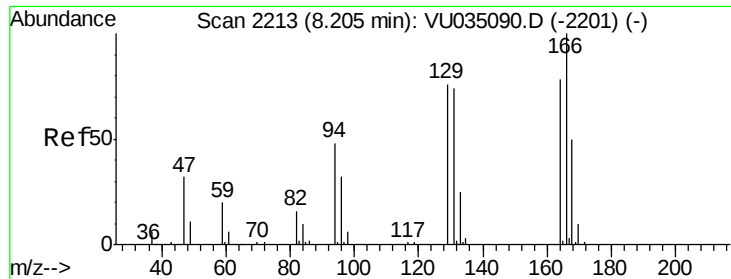
Tot Ion: 83 Resp: 13241
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.4



#34
Trichloroethene
Concen: 0.159 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU035108.D
Acq: 11 Oct 2019 22:48

Tgt Ion: 95 Resp: 2219
Ion Ratio Lower Upper
95 100
97 65.2 44.5 82.7
132 98.7 66.6 123.8
130 121.6 68.9 127.9





#47

Tetrachloroethene

Concen: 0.262 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035108.D

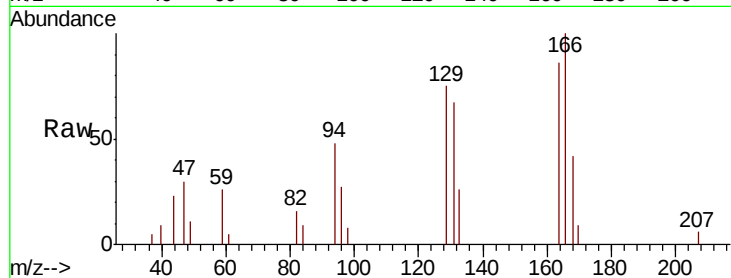
Acq: 11 Oct 2019 22:48

Instrument :

MSVOA_U

ClientSampleId :

RD-13-001-01



Tot Ion:164 Resp: 2957

Ion Ratio Lower Upper

164 100

129 86.9 68.5 127.1

131 78.2 67.3 124.9

166 116.5 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

