

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033432.D
 Acq On : 26 Jul 2019 00:09
 Operator : JC/SP
 Sample : K3976-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC3

Quant Time: Jul 26 07:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 05:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	269871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	280728	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121598	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125705	61.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.06%
7) Chloroethane-d5	1.67	69	108384	62.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.20%
11) 1,1-Dichloroethene-d2	2.26	63	155633	42.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.00%
21) 2-Butanone-d5	4.15	46	137950	106.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.57%
24) Chloroform-d	4.62	84	183201	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.02%
26) 1,2-Dichloroethane-d4	5.29	65	130779	59.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.12%
32) Benzene-d6	5.32	84	403336	58.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.14%
36) 1,2-Dichloropropane-d6	6.31	67	128782	58.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.76%
41) Toluene-d8	7.55	98	359155	55.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	7.83	79	54971	50.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.64%
47) 2-Hexanone-d5	8.30	63	105590	106.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.17%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	186539	55.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.74%
64) 1,2-Dichlorobenzene-d4	11.85	152	135753	62.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

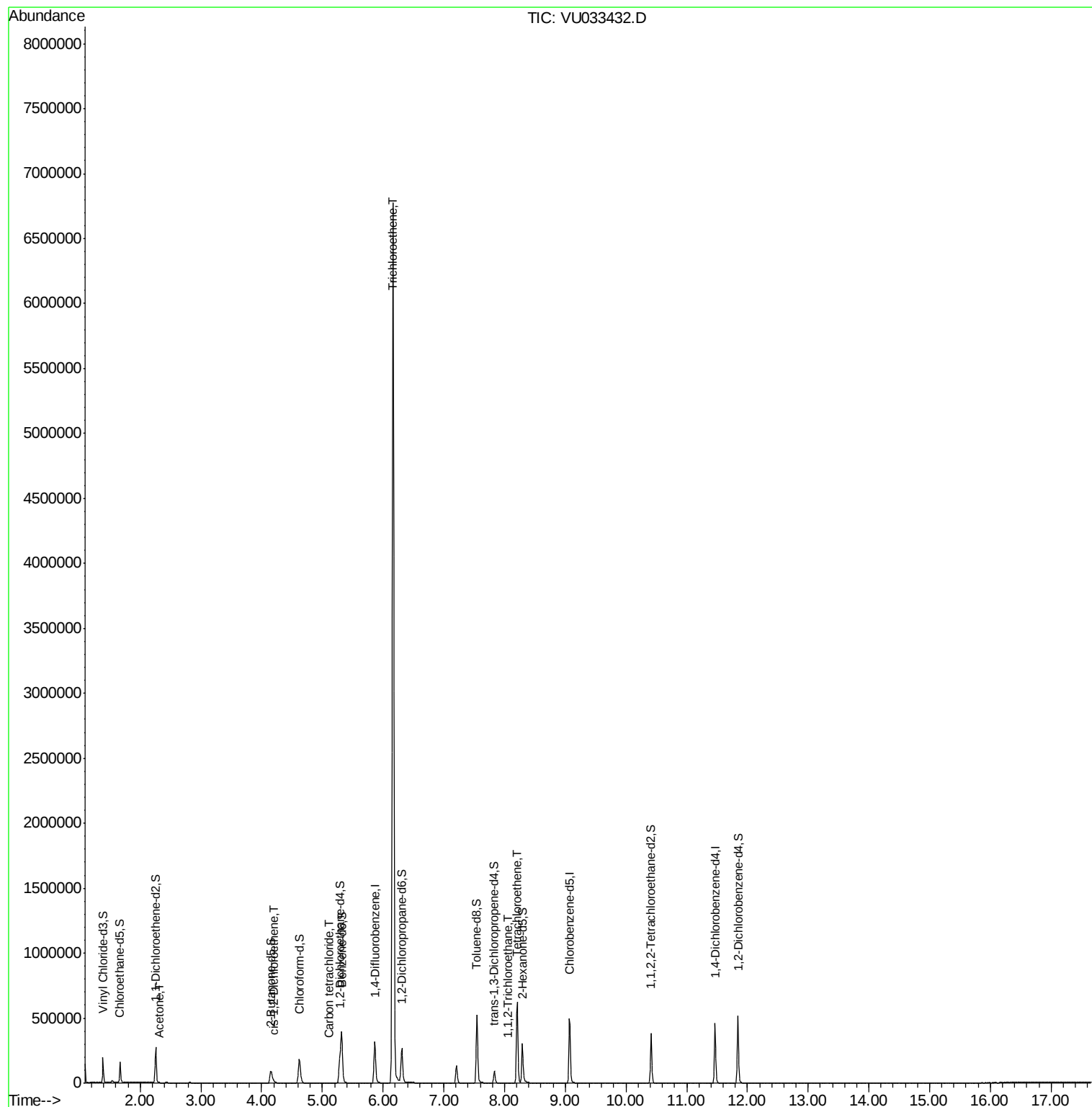
					Ovalue
13) Acetone	2.31	43	2324	1.437 ug/L	65
20) cis-1,2-Dichloroethene	4.20	96	2663	1.268 ug/L	83
31) Carbon tetrachloride	5.11	117	2269	0.792 ug/L	97
34) Trichloroethene	6.16	95	2303603	1075.913 ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	1234	0.588 ug/L #	83
46) Tetrachloroethene	8.21	164	137365	82.876 ug/L	97

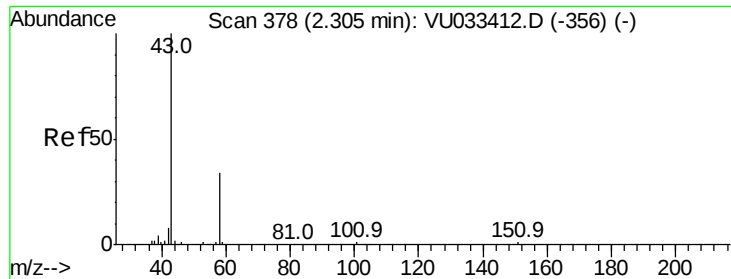
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 26 05:48:12 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.437 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033432.D

Acq: 26 Jul 2019 00:09

Instrument :

MSVOA_U

ClientSampleId :

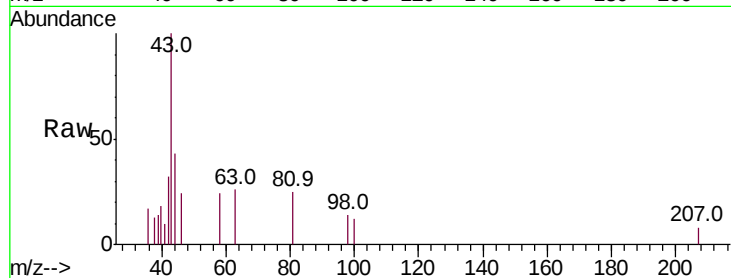
C0CC3

Tot Ion: 43 Resp: 2324

Ion Ratio Lower Upper

43 100

58 13.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033432.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU033432.D (-356) (-)

2.31

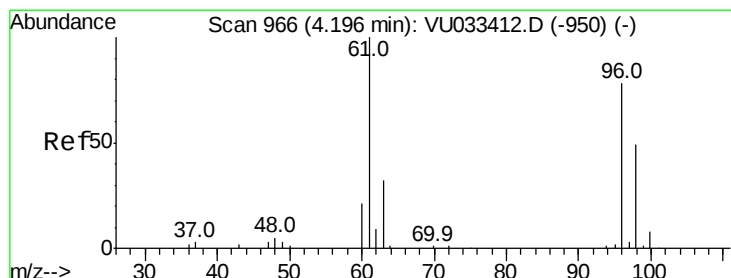
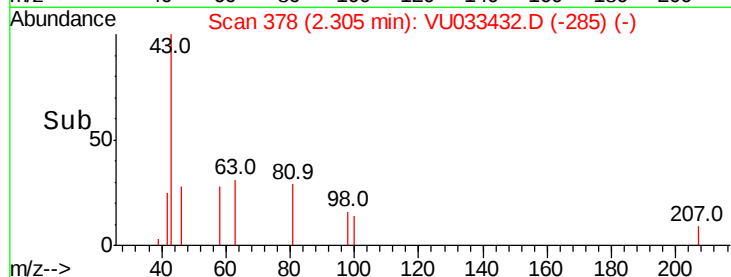
1500

1000

500

0

Time--> 2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 1.268 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU033432.D

Acq: 26 Jul 2019 00:09

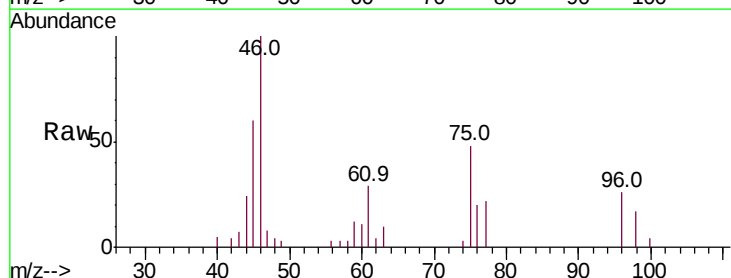
Tgt Ion: 96 Resp: 2663

Ion Ratio Lower Upper

96 100

61 110.7 91.1 169.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033432.D (-873) (-)

Ion 61.00 (60.70 to 61.70): VU033432.D (-873) (-)

Ion 68.00 (67.70 to 68.70): VU033432.D (-873) (-)

4.20

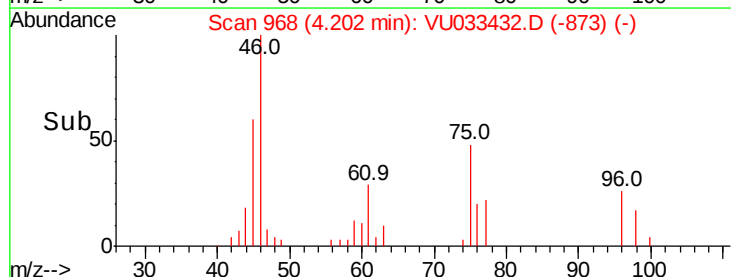
1500

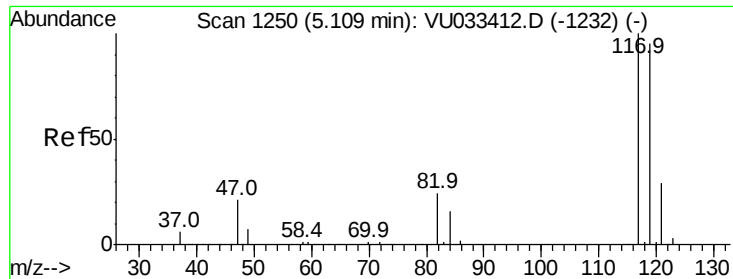
1000

500

0

Time--> 4.15 4.20 4.25





#31

Carbon tetrachloride

Concen: 0.792 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033432.D

Acq: 26 Jul 2019 00:09

Instrument :

MSVOA_U

ClientSampleId :

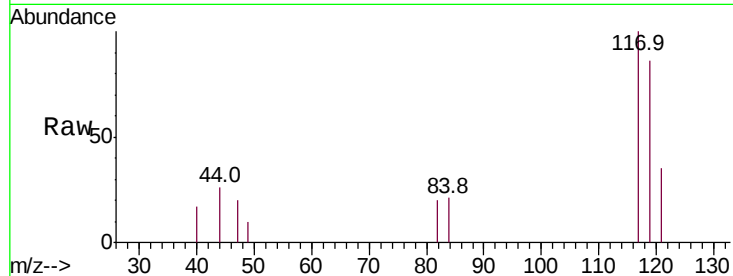
C0CC3

Tot Ion:117 Resp: 2269

Ion Ratio Lower Upper

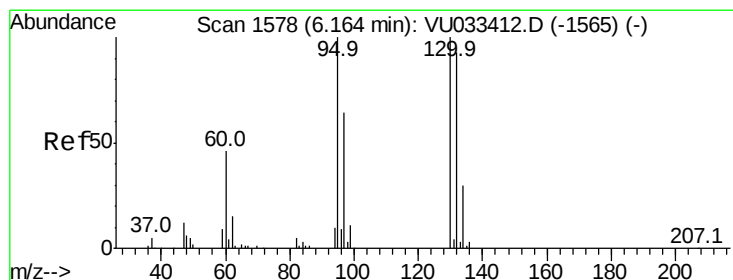
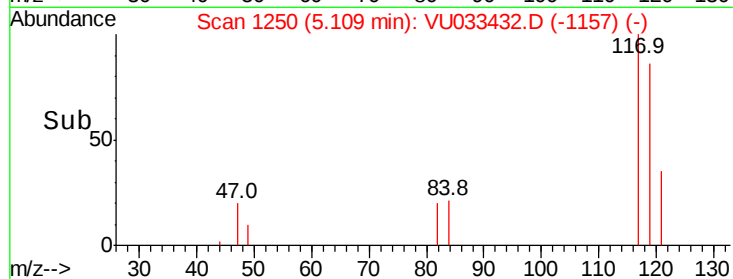
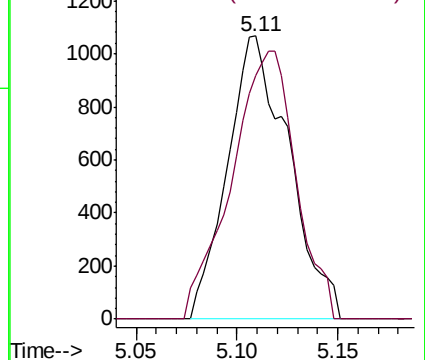
117 100

119 98.7 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Trichloroethene

Concen: 1075.913 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033432.D

Acq: 26 Jul 2019 00:09

Tgt Ion: 95 Resp: 2303603

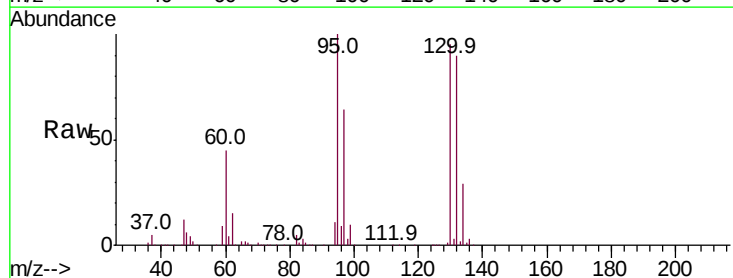
Ion Ratio Lower Upper

95 100

97 63.7 43.8 81.4

132 90.1 65.5 121.6

130 95.2 69.7 129.5

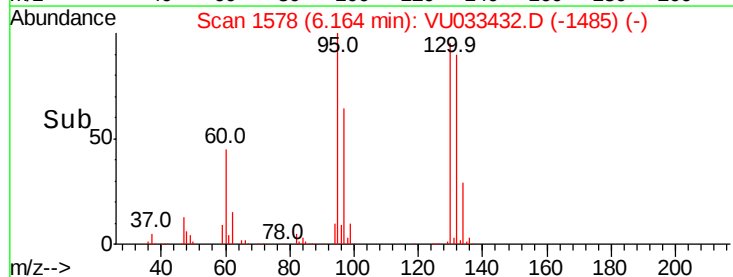
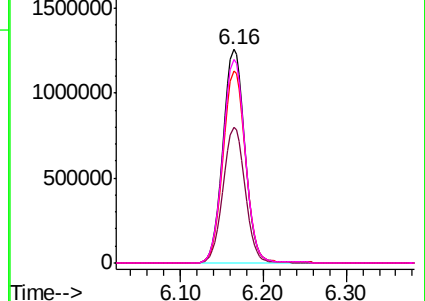


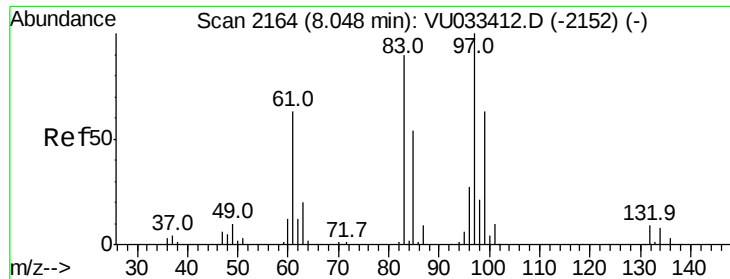
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

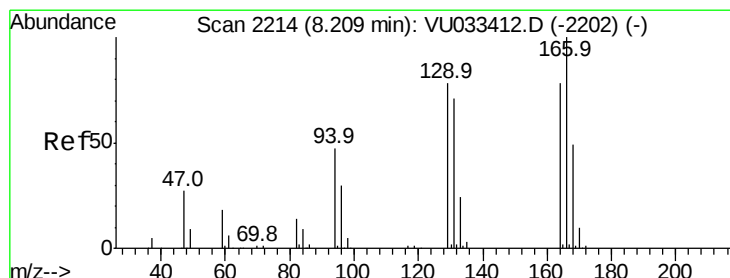
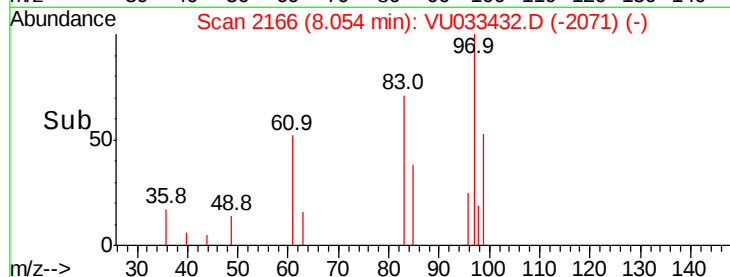
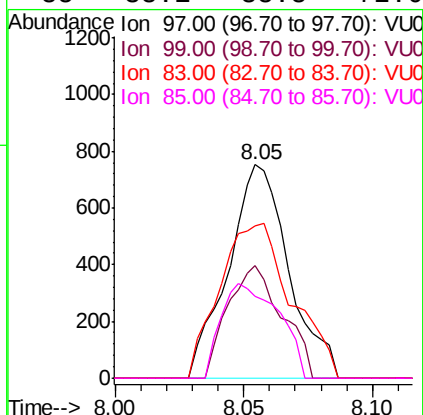
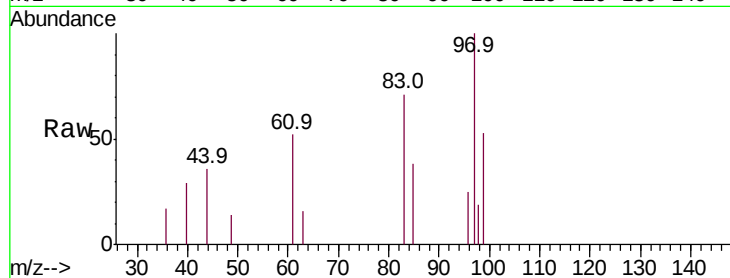




#45
1,1,2-Trichloroethane
Concen: 0.588 ug/L
RT: 8.05 min Scan# 2166
Delta R.T. 0.01 min
Lab File: VU033432.D
Acq: 26 Jul 2019 00:09

Instrument :
MSVOA_U
ClientSampleId :
C0CC3

Tot Ion:	97	Resp:	1234
Ion	Ratio	Lower	Upper
97	100		
99	52.9	43.0	79.8
83	71.3	61.5	114.3
85	38.1	38.8	72.0#



#46
Tetrachloroethene
Concen: 82.876 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033432.D
Acq: 26 Jul 2019 00:09

Tgt Ion:	164	Resp:	137365
Ion	Ratio	Lower	Upper
164	100		
129	100.9	69.6	129.2
131	95.4	65.7	122.1
166	131.4	88.5	164.4

