

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101419\
 Data File : VU035164.D
 Acq On : 14 Oct 2019 21:01
 Operator : JC/SP
 Sample : K5311-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P0003-DELEGARD-191007-01

Quant Time: Oct 15 08:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	150557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	159616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44480	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.67	69	43930	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.26	63	68109	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.17	46	158117	60.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.66%
24) Chloroform-d	4.62	84	78784	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.29	65	53590	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.32	84	173933	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	62703	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.55	98	144733	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.84	79	19705	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.30	63	116651	54.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58303	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	51314	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

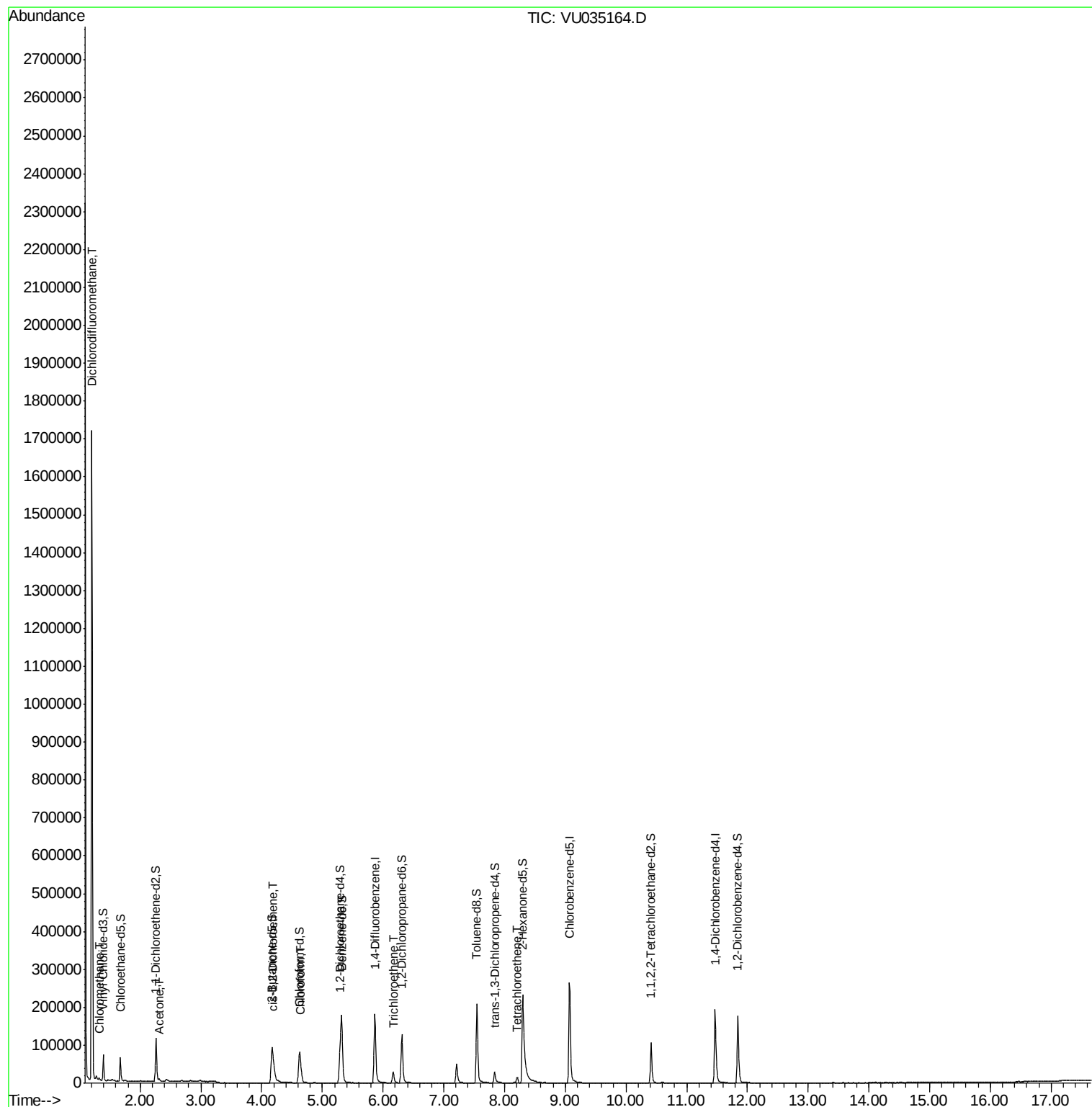
					Qvalue
2) Dichlorodifluoromethane	1.21	85	21424	1.557 ug/L	100
3) Chloromethane	1.32	50	3657	0.242 ug/L	99
13) Acetone	2.31	43	6588	3.069 ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	11513	0.997 ug/L	97
25) Chloroform	4.65	83	17785	0.769 ug/L	100
34) Trichloroethene	6.17	95	10730	0.865 ug/L	95
47) Tetrachloroethene	8.21	164	3580	0.357 ug/L	93

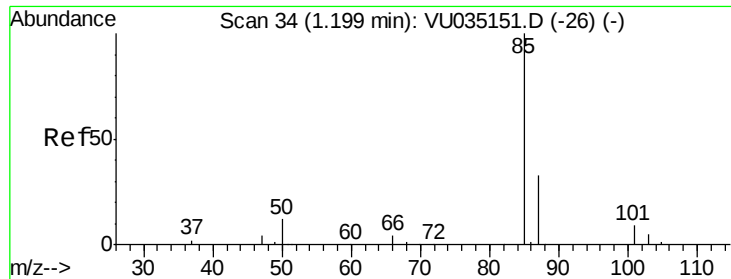
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.557 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.01 min

Lab File: VU035164.D

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ClientSampleId :

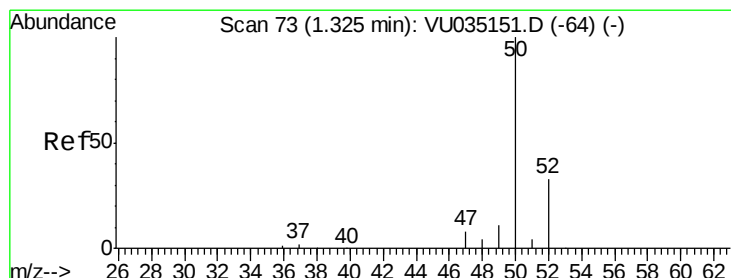
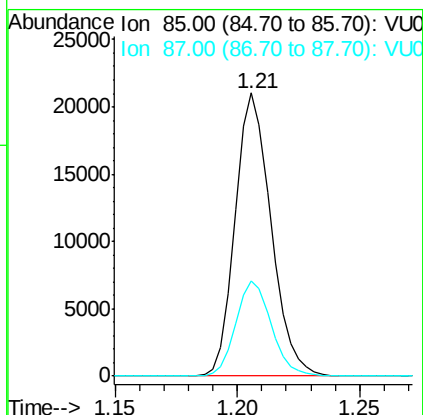
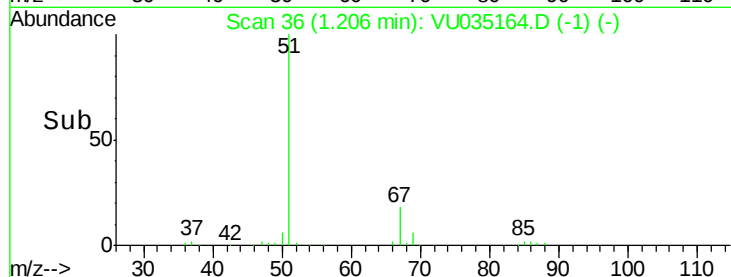
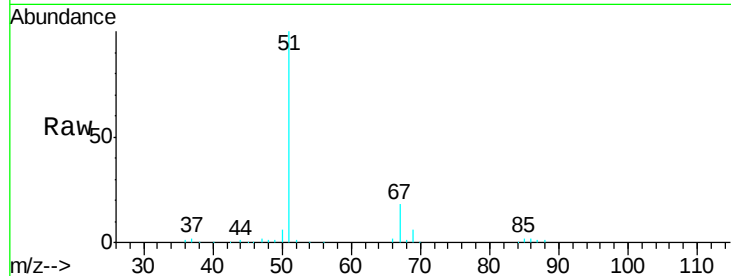
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Tgt Ion: 85 Resp: 21424

Ion Ratio Lower Upper

85 100

87 33.1 26.3 39.5



#3

Chloromethane

Concen: 0.242 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035164.D

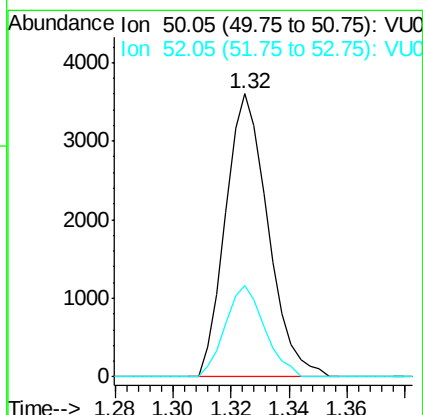
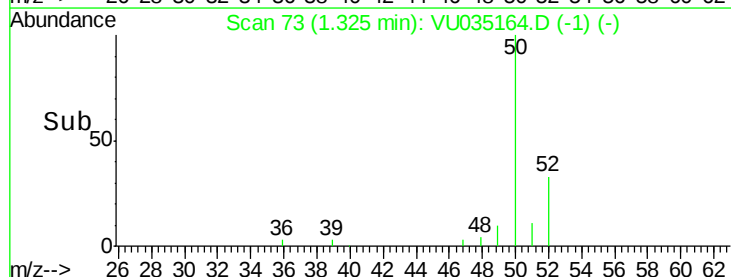
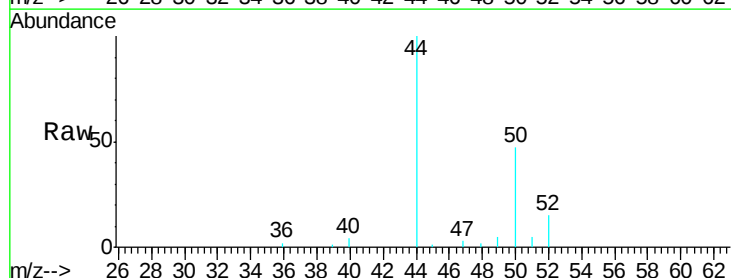
Acq: 14 Oct 2019 21:01

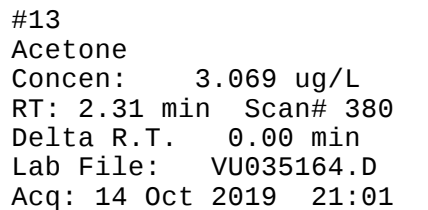
Tgt Ion: 50 Resp: 3657

Ion Ratio Lower Upper

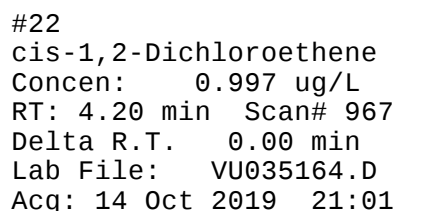
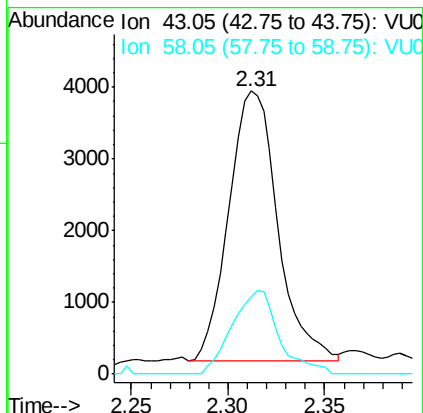
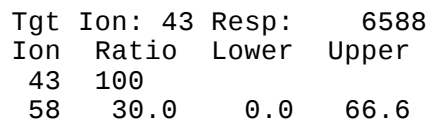
50 100

52 32.5 23.3 43.3

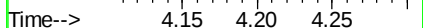
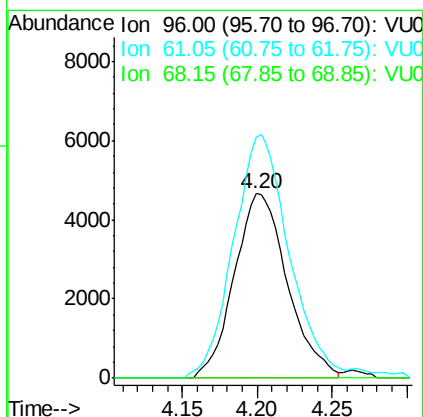


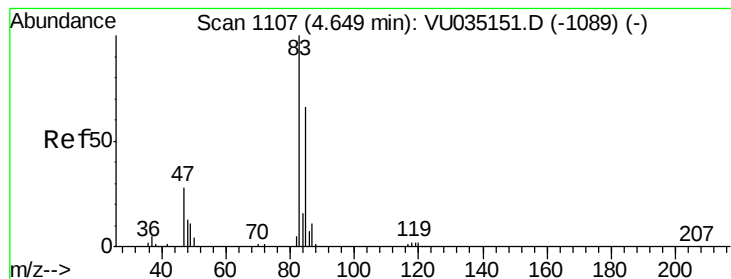


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Tgt	Ion: 96	Resp:	11513
Ion	Ratio	Lower	Upper
96	100		
61	130.7	89.2	165.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.769 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

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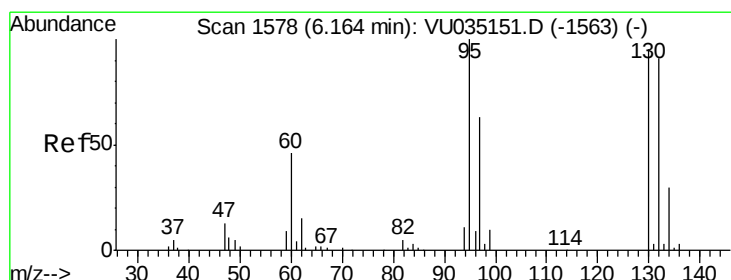
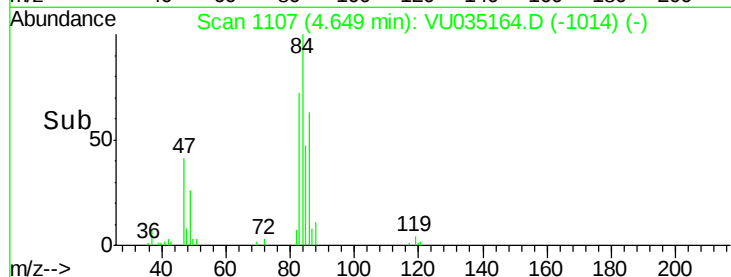
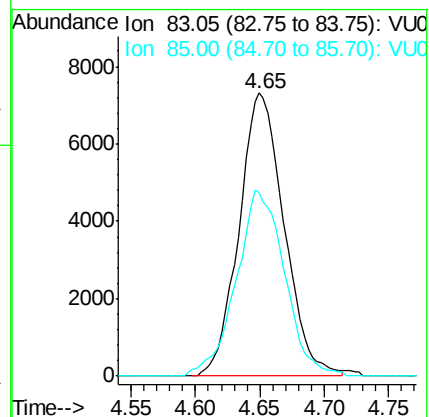
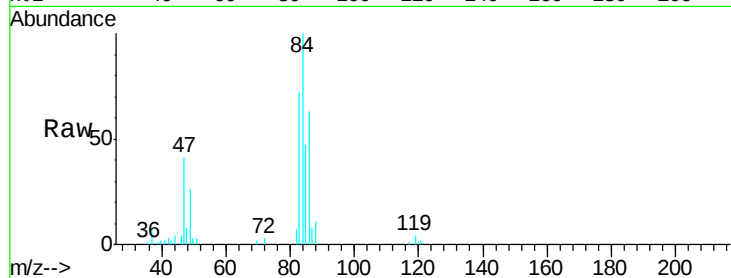
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Tgt Ion: 83 Resp: 17785

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#34

Trichloroethene

Concen: 0.865 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035164.D

Acq: 14 Oct 2019 21:01

Tgt Ion: 95 Resp: 10730

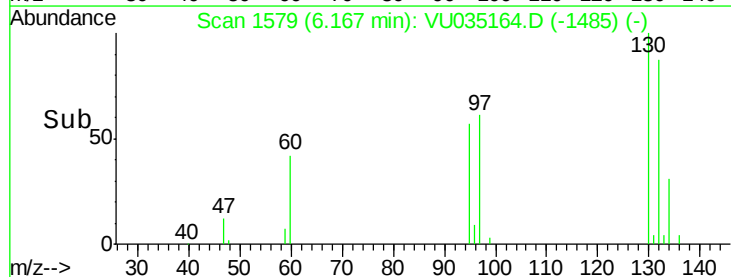
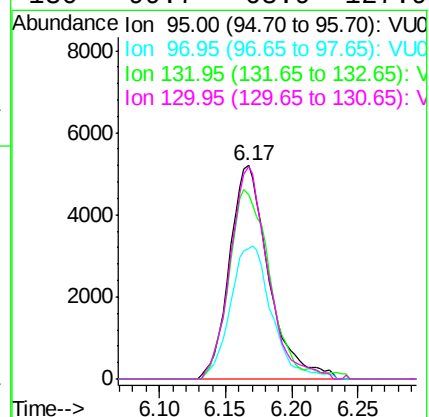
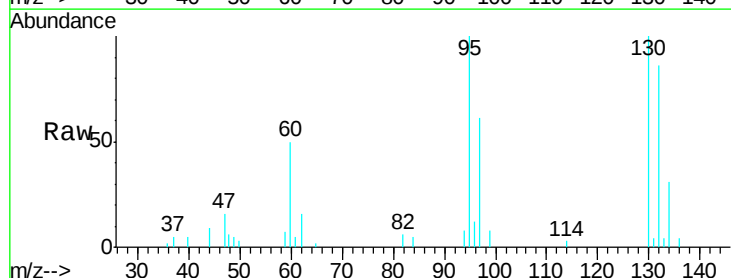
Ion Ratio Lower Upper

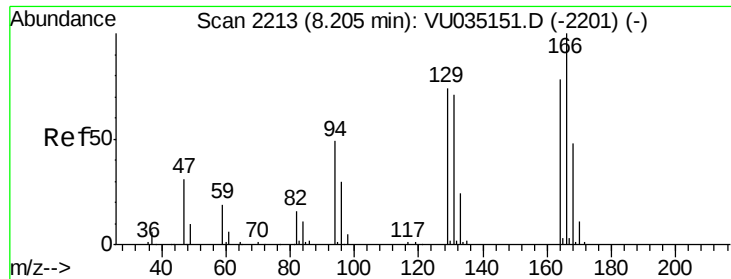
95 100

97 61.2 44.5 82.7

132 86.3 66.6 123.8

130 99.7 68.9 127.9





#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU035164.D

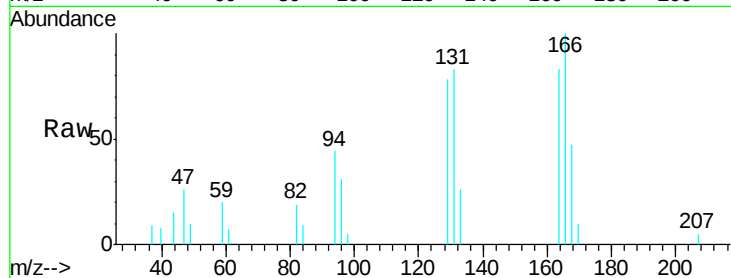
Acq: 14 Oct 2019 21:01

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 3580

Ion Ratio Lower Upper

164 100

129 93.9 68.5 127.1

131 99.5 67.3 124.9

166 120.3 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

