

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014024.D
 Acq On : 14 Nov 2019 16:46
 Operator : SY/VA
 Sample : K5798-19
 Misc : 4.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX8

Manual Integrations
 APPROVED

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 11/15/2019 9:43:18 AM

Quant Time: Nov 15 03:29:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	350719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302799	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	118851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108436	19.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.52%
7) Chloroethane-d5	2.89	69	94688	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
10) 1,1-Dichloroethene-d2	4.01	63	168980	14.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.84%
20) 2-Butanone-d5	7.07	46	65360	40.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.42%
24) Chloroform-d	7.65	84	45518	4.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	16.88%#
26) 1,2-Dichloroethane-d4	8.31	65	128621	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	8.27	84	528753	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.27	67	160964	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.32	98	451745	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.68%
38) trans-1,3-Dichloropropene-	10.57	79	55138	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.92	63	44835	37.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.14%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	1263	0.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	1.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	117759	24.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	9674	5.848	ug/L 90
25) Chloroform	7.67	83	208160	20.383	ug/L 99
31) 1,1,1-Trichloroethane	7.86	97	5555m	0.732	ug/L
35) Trichloroethene	9.09	95	389349	65.717	ug/L 100
47) Tetrachloroethene	10.86	164	34650	6.562	ug/L 95

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

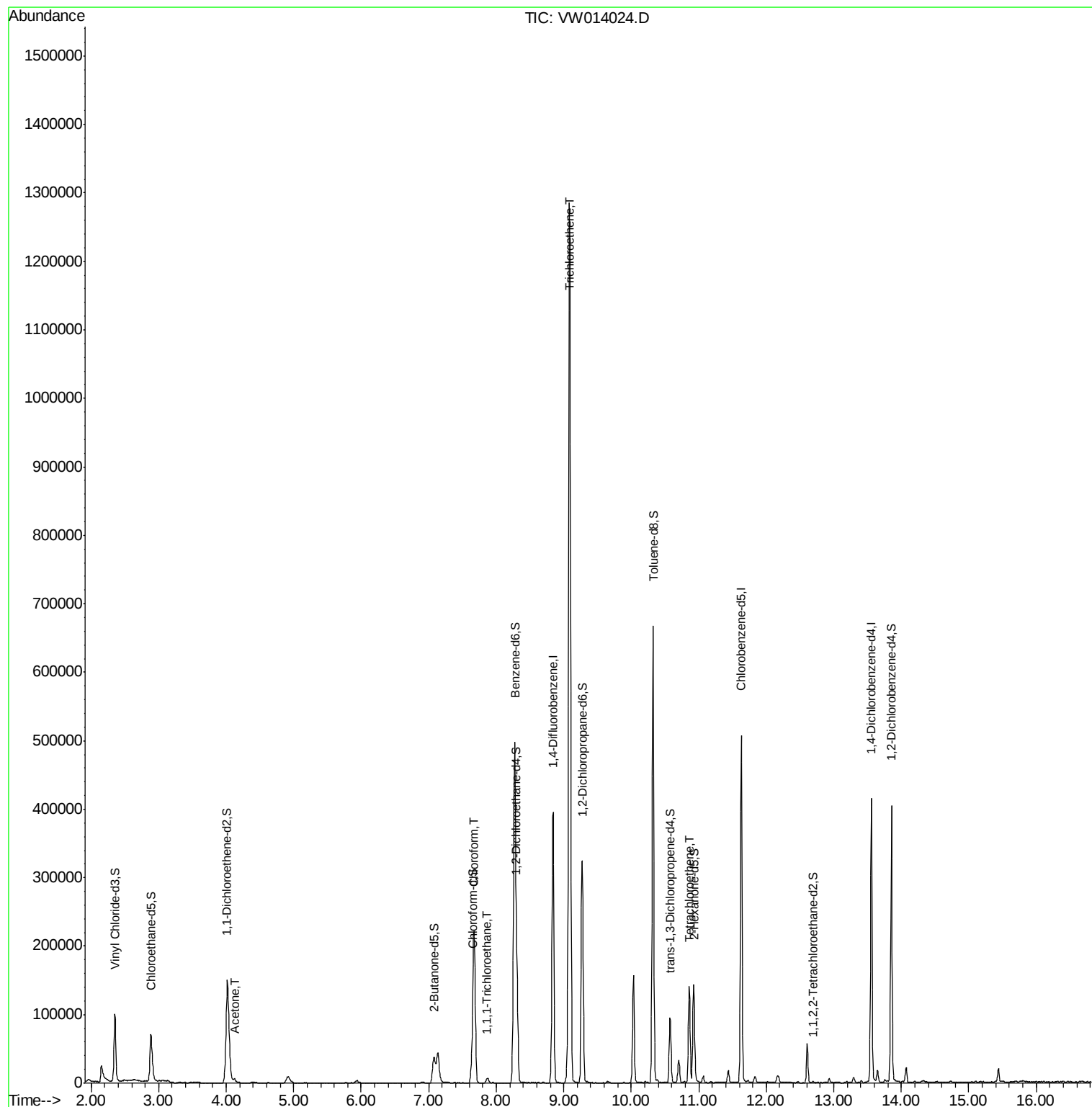
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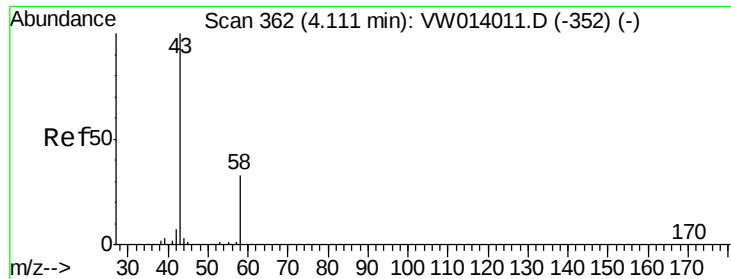
Instrument :
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Quant Time: Nov 15 03:29:31 2019
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Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration





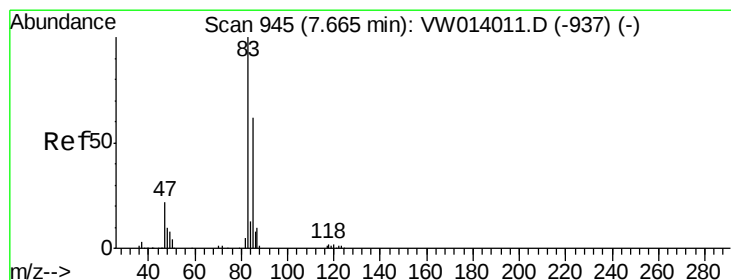
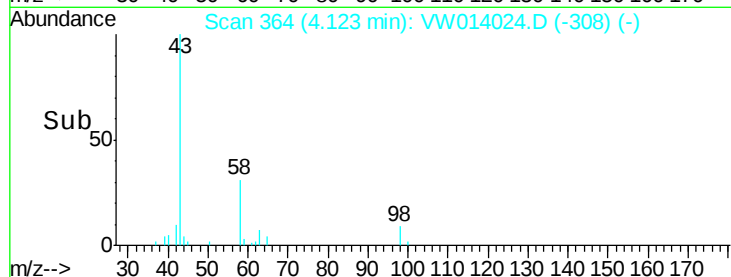
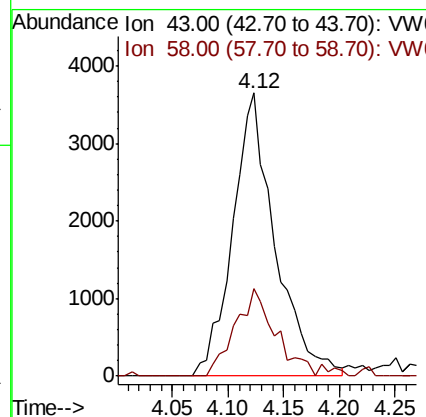
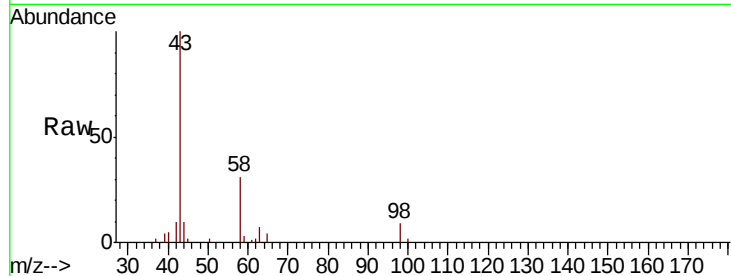
#13
Acetone
Concen: 5.848 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014024.D
Acq: 14 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampled :
BFLX8

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.8	0.0	65.4

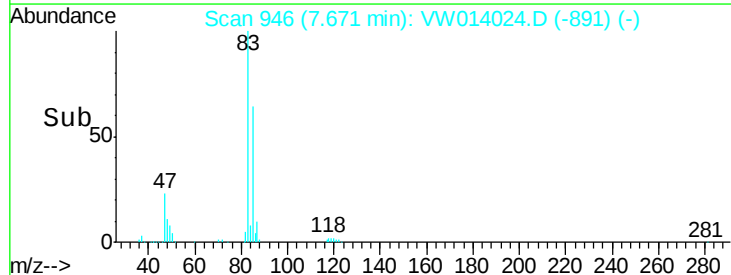
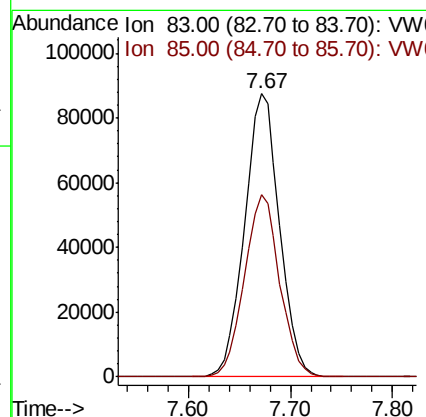
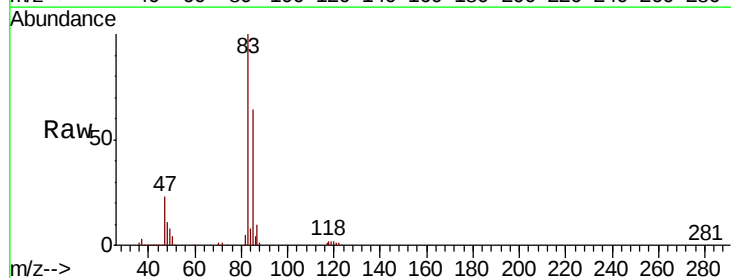
Manual Integrations
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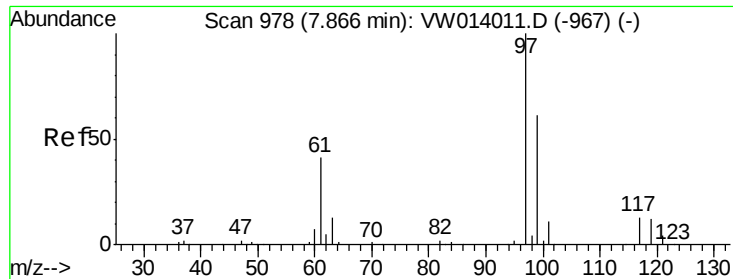
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#25
Chloroform
Concen: 20.383 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.01 min
Lab File: VW014024.D
Acq: 14 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.1	85.7





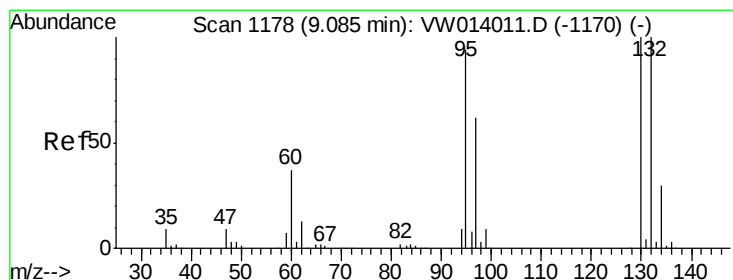
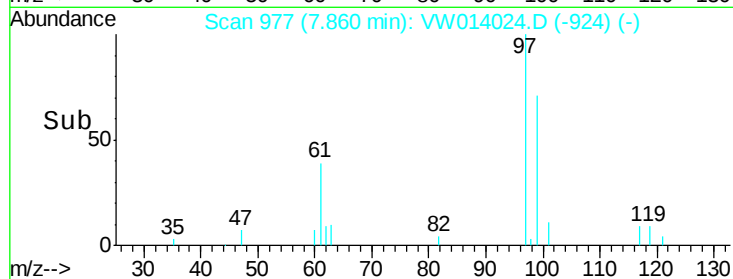
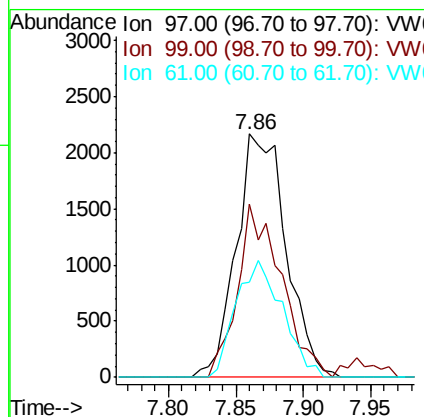
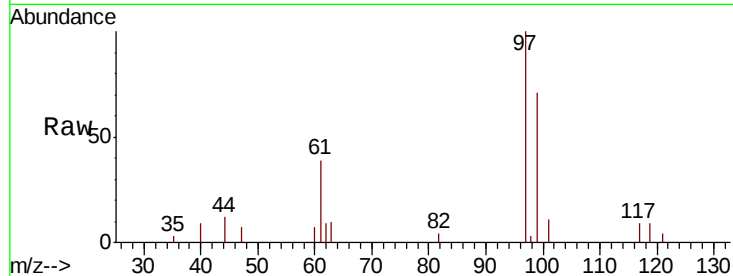
#31
 1,1,1-Trichloroethane
 Concen: 0.732 ug/L m
 RT: 7.86 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VW014024.D
 Acq: 14 Nov 2019 16:46

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX8

Tot Ion:	97	Resp:	5555
Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.1	76.7
61	44.9	32.8	49.2

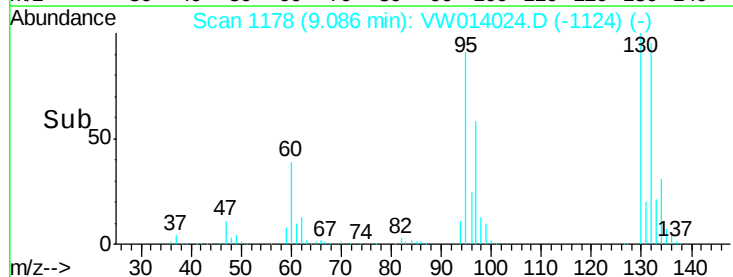
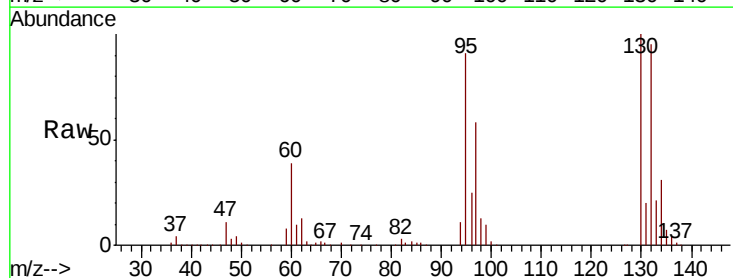
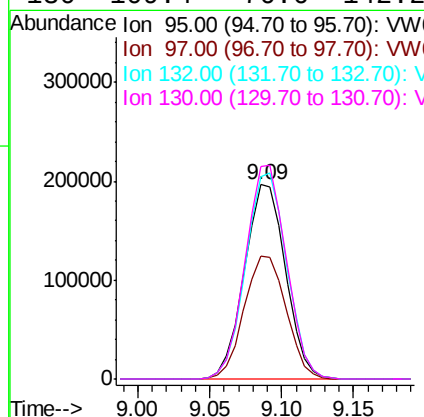
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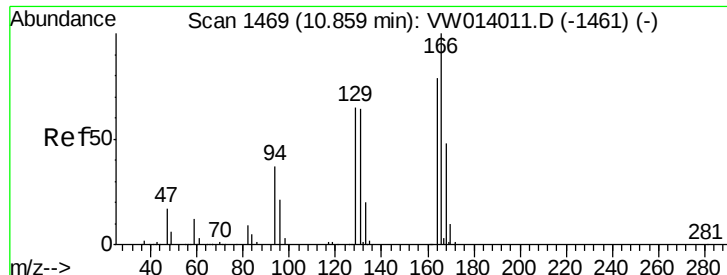
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#35
 Trichloroethene
 Concen: 65.717 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VW014024.D
 Acq: 14 Nov 2019 16:46

Tgt Ion:	95	Resp:	389349
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.1	83.9
132	106.1	73.7	136.9
130	109.4	76.6	142.2





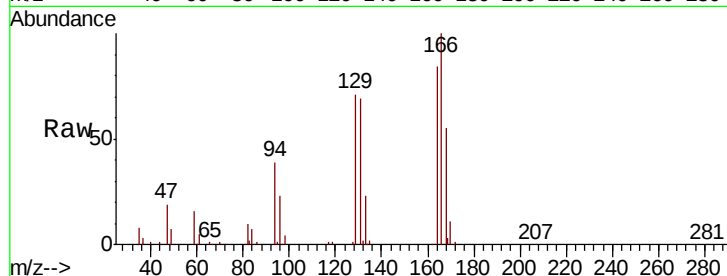
#47
Tetrachloroethene
Concen: 6.562 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014024.D
Acq: 14 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
BFLX8

Tot Ion:	164	Resp:	34650
Ion	Ratio	Lower	Upper
164	100		
129	84.3	60.6	112.6
131	82.4	59.1	109.7
166	119.5	90.8	168.6

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

