

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013787.D
 Acq On : 26 Nov 2019 15:04
 Operator : SY/MD
 Sample : K5993-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GARE0

Manual Integrations
 APPROVED

MMDadoda
 11/27/2019 10:55:42 AM

Quant Time: Nov 27 02:56:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339247	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	351023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159597	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87132	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	86618	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	130544	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.92	46	220300	50.47	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	4.40	84	176435	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	101177	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	376153	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.11	67	119254	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.36	98	311836	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.66	79	39533	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.13	63	185490	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87058	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	137550	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	17857	1.095 ug/L	# 1
13) Acetone	2.19	43	5524m	1.810 ug/L	
25) Chloroform	4.43	83	23770	0.610 ug/L	91
29) 1,1,1-Trichloroethane	4.65	97	14164	0.394 ug/L	91
47) Tetrachloroethene	8.02	164	6704309	325.052 ug/L	99

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

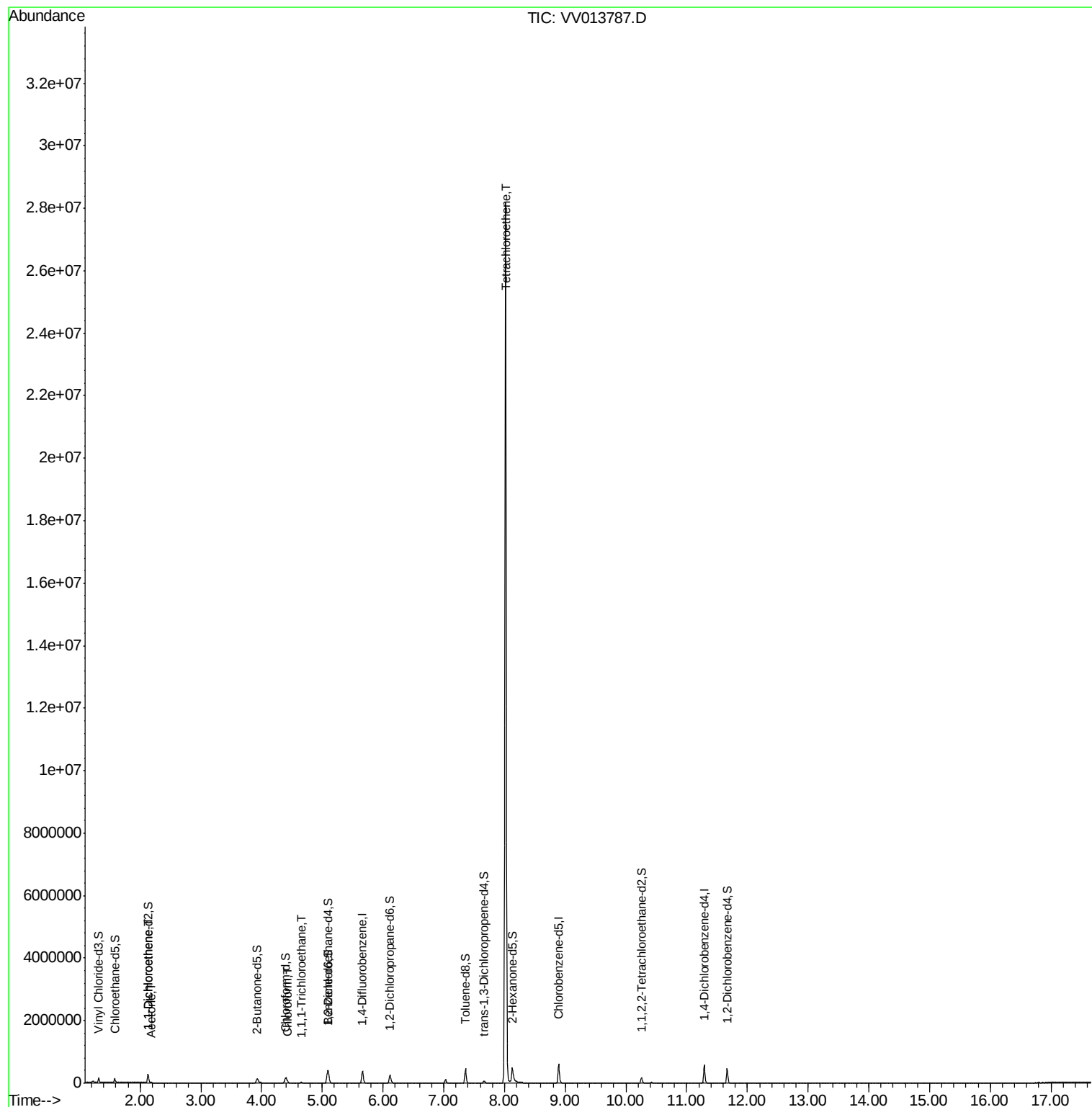
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
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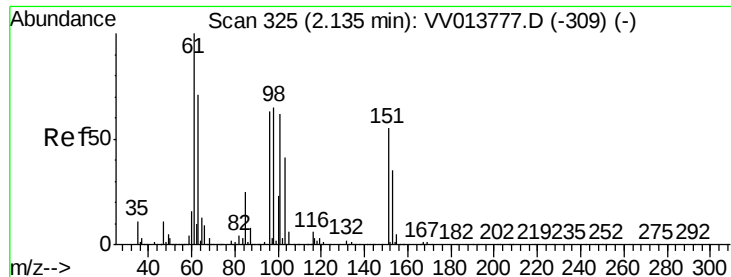
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:04 2019
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#12

1,1-Dichloroethene

Concen: 1.095 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013787.D

Acq: 26 Nov 2019 15:04

Instrument :

MSVOA_V

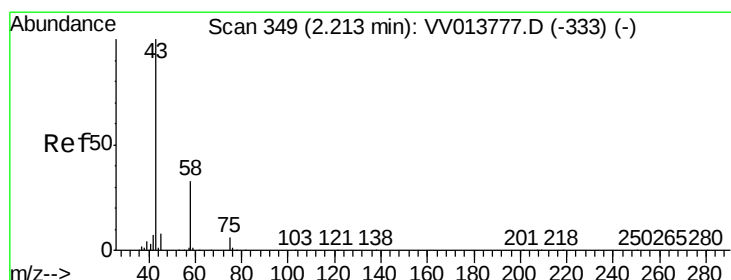
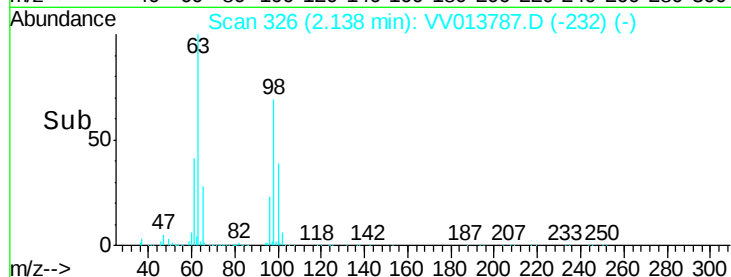
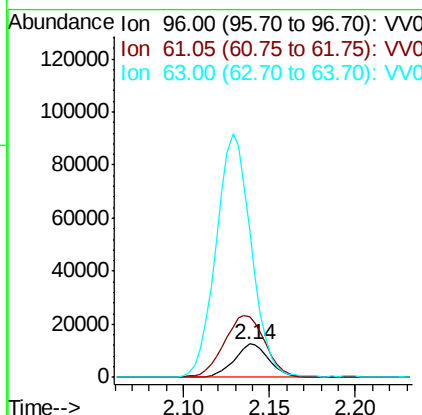
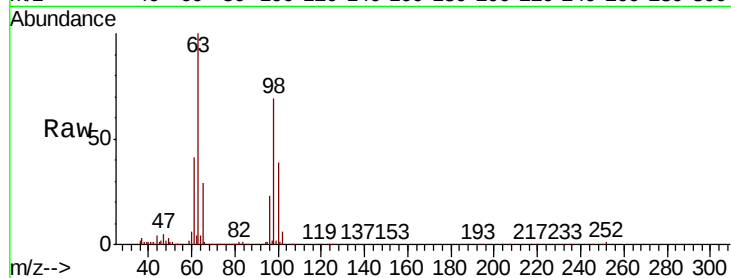
ClientSampleId :

GARE0

Tot Ion:	96	Resp:	17857
Ion	Ratio	Lower	Upper
96	100		
61	180.2	116.3	215.9
63	438.2	96.7	179.7#

Manual Integrations
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#13

Acetone

Concen: 1.810 ug/L m

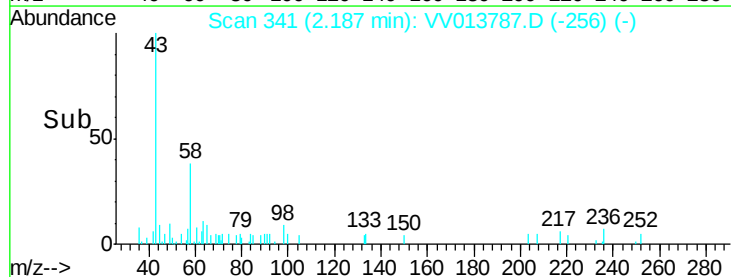
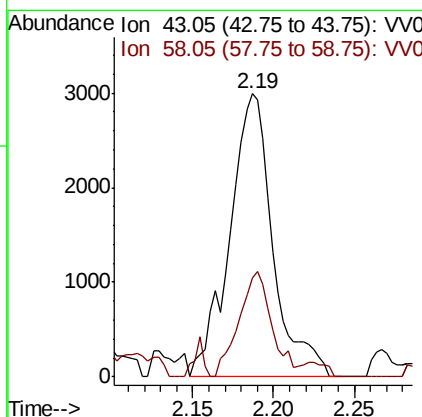
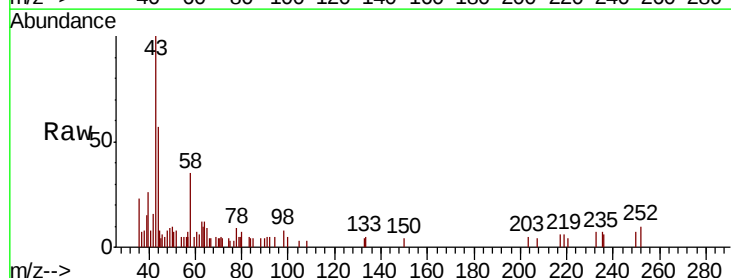
RT: 2.19 min Scan# 341

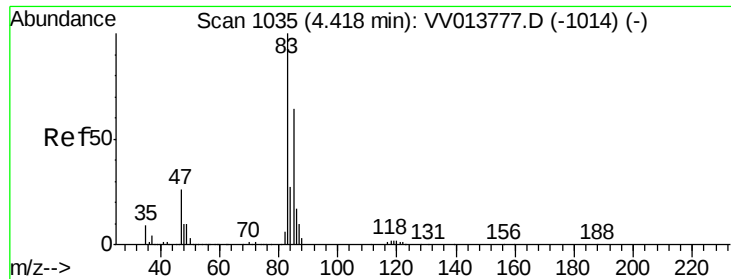
Delta R.T. -0.03 min

Lab File: VV013787.D

Acq: 26 Nov 2019 15:04

Tgt Ion:	43	Resp:	5524
Ion	Ratio	Lower	Upper
43	100		
58	1.1	0.0	27.2





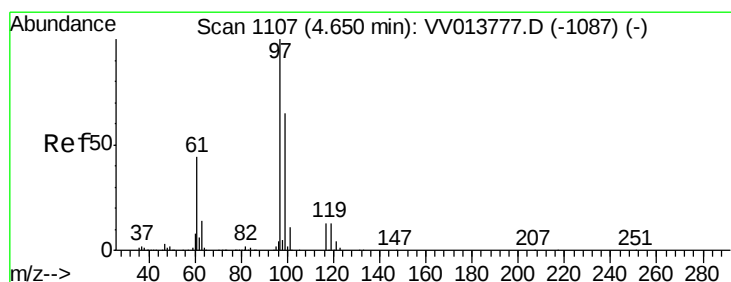
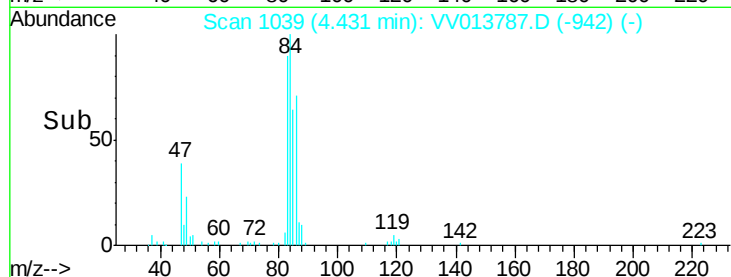
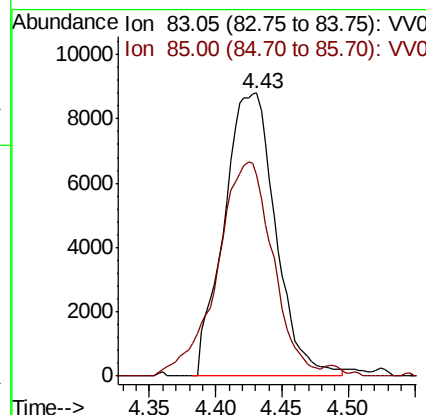
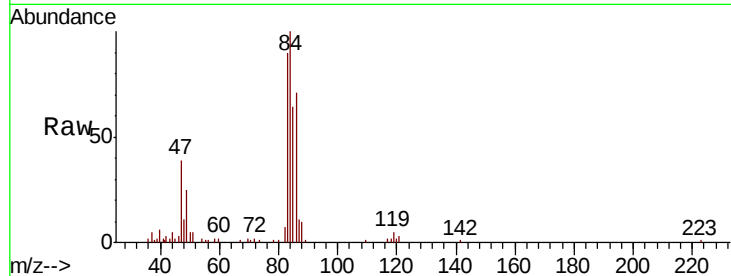
#25
Chloroform
Concen: 0.610 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

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Tot Ion	83	Resp	23770
Ion Ratio	100	Lower	Upper
83	100		
85	71.2	45.1	83.7

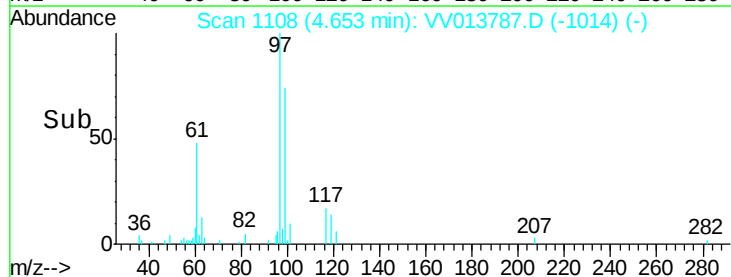
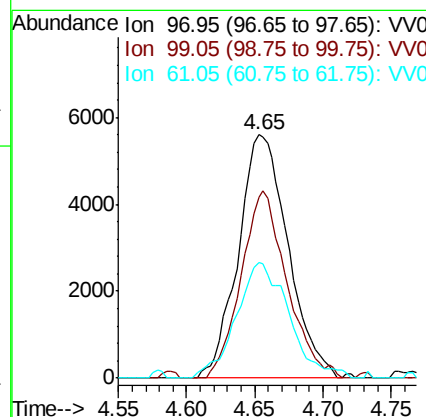
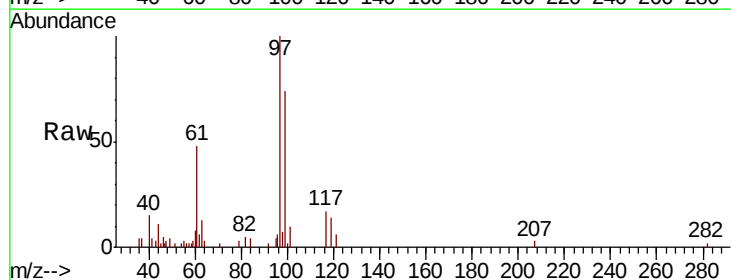
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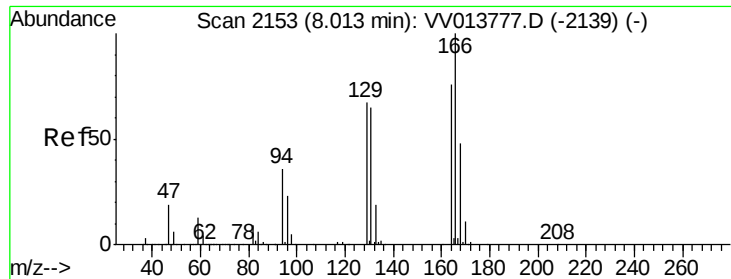
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#29
1,1,1-Trichloroethane
Concen: 0.394 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

Tgt Ion	97	Resp	14164
Ion Ratio	100	Lower	Upper
97	100		
99	70.8	51.7	77.5
61	50.5	35.0	52.6





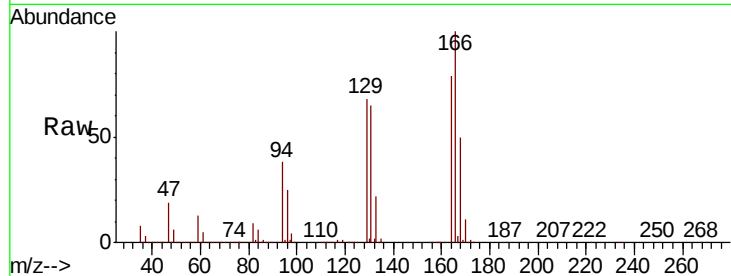
#47
Tetrachloroethene
Concen: 325.052 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.01 min
Lab File: VV013787.D
Acq: 26 Nov 2019 15:04

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Tot Ion	Ratio	Lower	Upper
164	100		
129	86.0	60.3	112.1
131	83.3	59.9	111.3
166	127.3	89.1	165.5

Manual Integrations
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Abundance Ion 163.90 (163.60 to 164.60): V

8000000 Ion 128.95 (128.65 to 129.65): V

6000000 Ion 130.95 (130.65 to 131.65): V

4000000 Ion 165.90 (165.60 to 166.60): V

