

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
 Data File : VV010095.D
 Acq On : 03 Apr 2019 16:18
 Operator : SY/MD
 Sample : K2215-09
 Misc : 5.44G/10mL/MSVOA V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2N0

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:40:40 AM

Quant Time: Apr 04 07:59:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	262778	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263596	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115207	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59710	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.88%
7) Chloroethane-d5	1.57	69	70644	16.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.68%
10) 1,1-Dichloroethene-d2	2.13	63	129287	14.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	3.95	46	31056	31.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.04%
24) Chloroform-d	4.40	84	157013	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.08	65	93612	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	5.10	84	313500	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	6.12	67	96804	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	7.36	98	289830	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.04%
38) trans-1,3-Dichloropropene-	7.67	79	30542	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.84%
39) 2-Hexanone-d5	8.14	63	24957	30.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	83621	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	108080	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

					Ovalue
13) Acetone	2.21	43	3435	3.471 ug/L	86
16) Methylene chloride	2.54	84	6801	1.473 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	8401m	2.411 ug/L	
35) Trichloroethene	5.96	95	12156	3.276 ug/L	95
47) Tetrachloroethene	8.02	164	1904243	613.157 ug/L	96

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

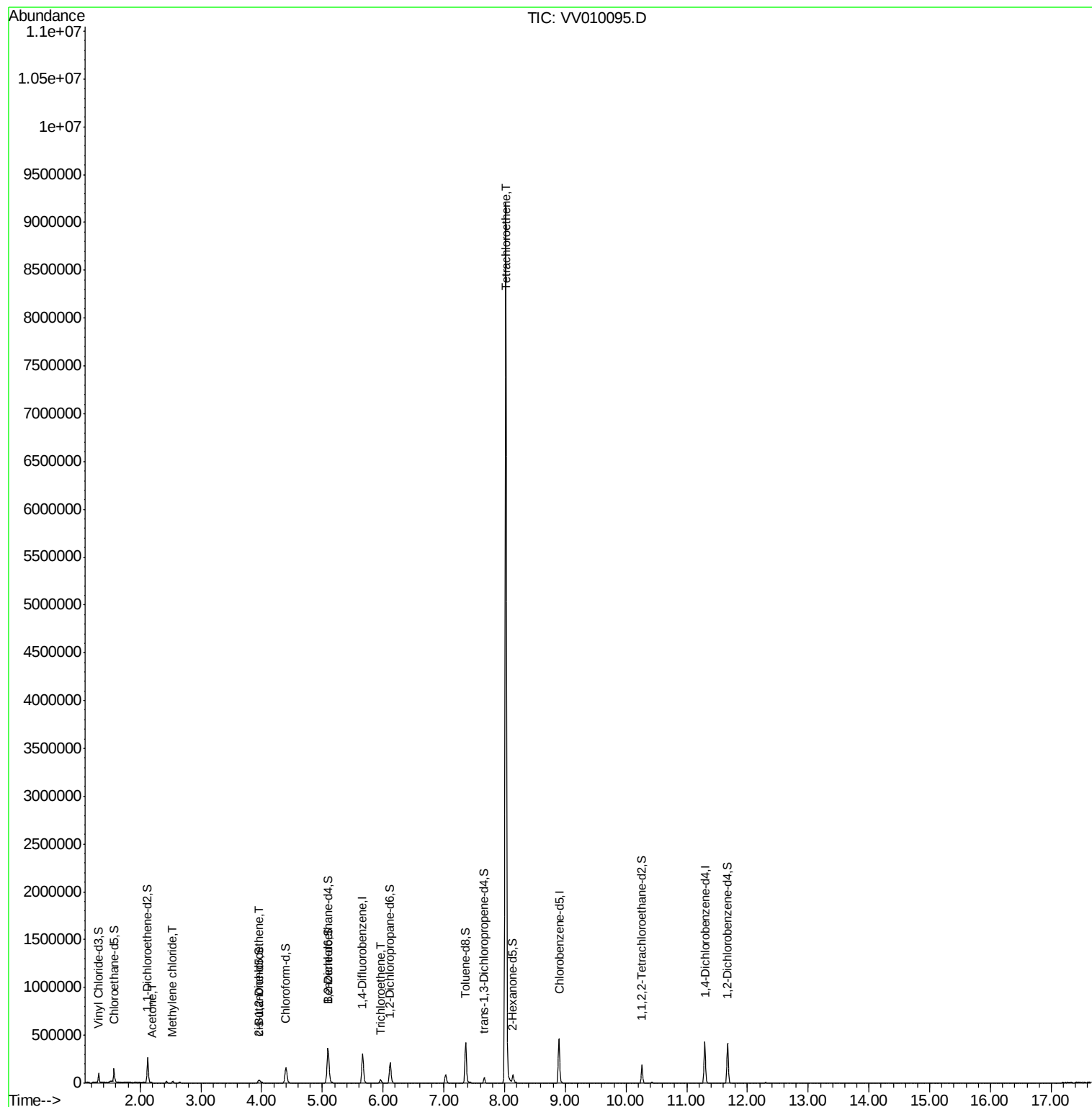
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010095.D
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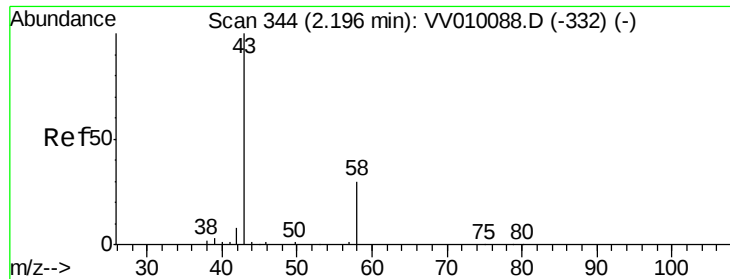
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.471 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010095.D

Acq: 03 Apr 2019 16:18

Instrument :

MSVOA_V

ClientSampleId :

BF2N0

Tot Ion: 43 Resp: 3435

Ion Ratio Lower Upper

43 100

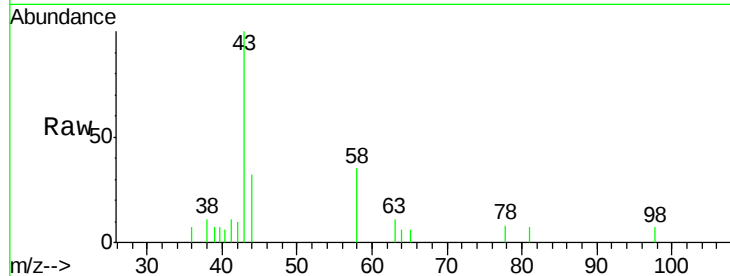
58 24.5 0.0 64.6

Manual Integrations

APPROVED

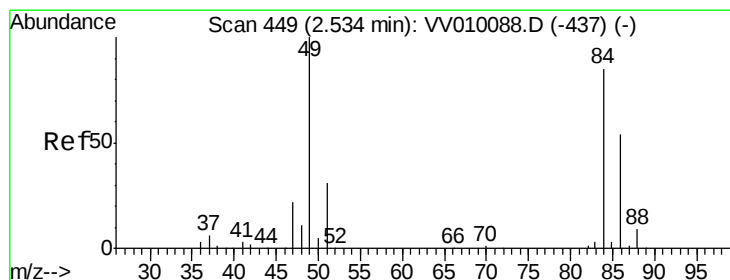
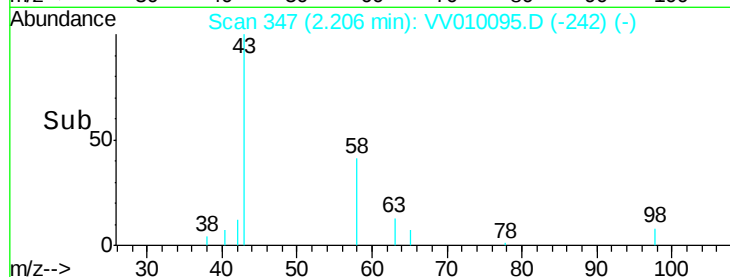
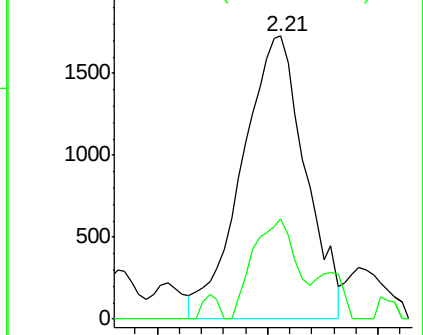
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Abundance Ion 43.00 (42.70 to 43.70): VV010088.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010088.D (-332) (-)



#16

Methylene chloride

Concen: 1.473 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010095.D

Acq: 03 Apr 2019 16:18

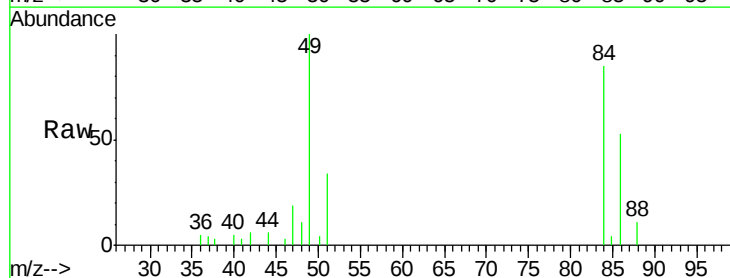
Tgt Ion: 84 Resp: 6801

Ion Ratio Lower Upper

84 100

49 117.6 84.3 156.5

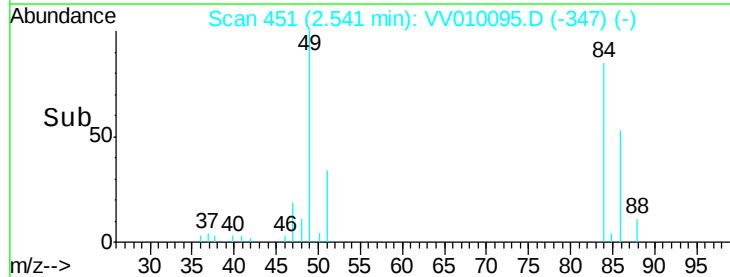
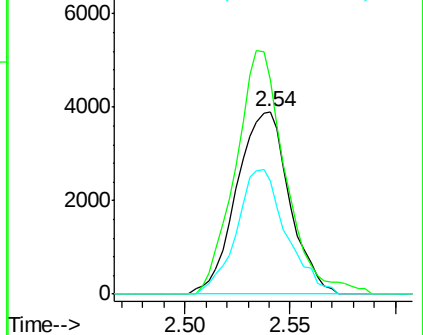
86 61.8 45.4 84.2

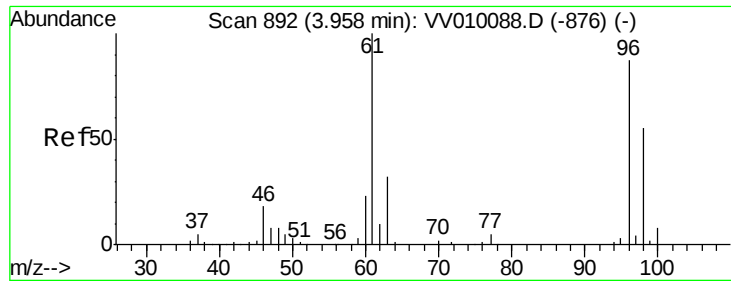


Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)





#22

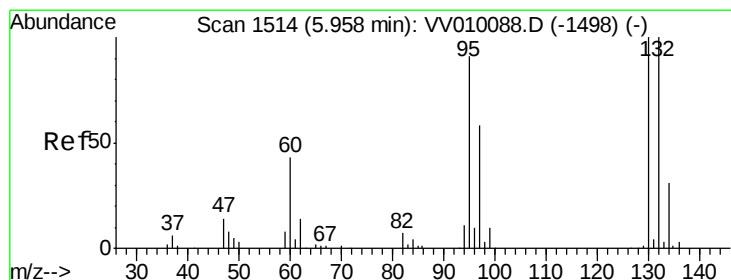
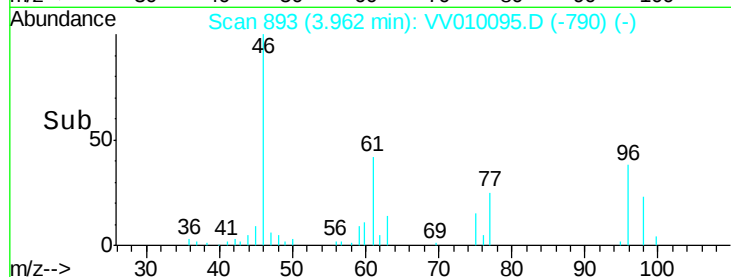
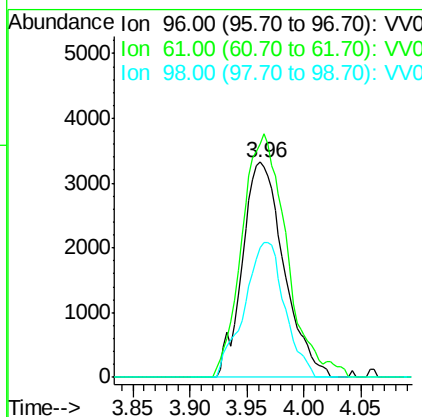
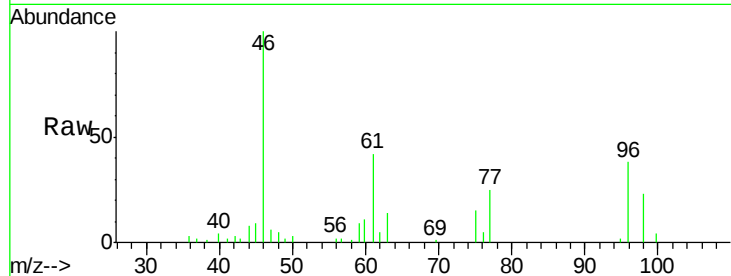
cis-1,2-Dichloroethene
Concen: 2.411 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV010095.D
Acq: 03 Apr 2019 16:18

Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
96	100		
61	108.7	82.7	153.5
98	60.1	43.9	81.5

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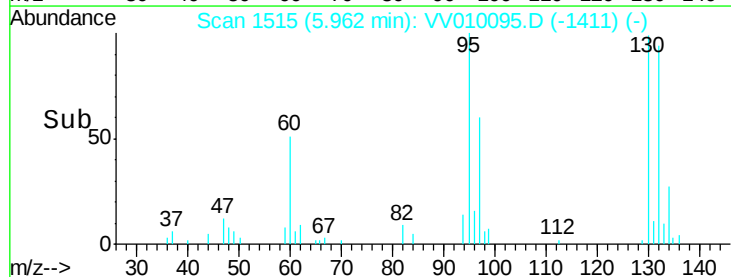
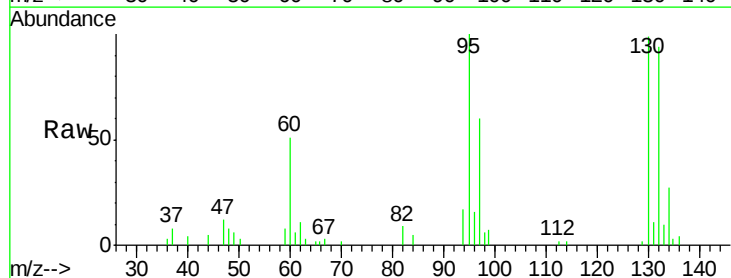
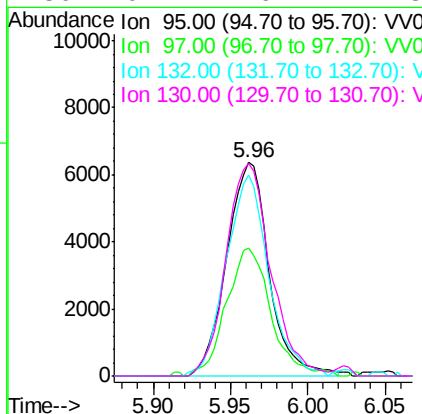
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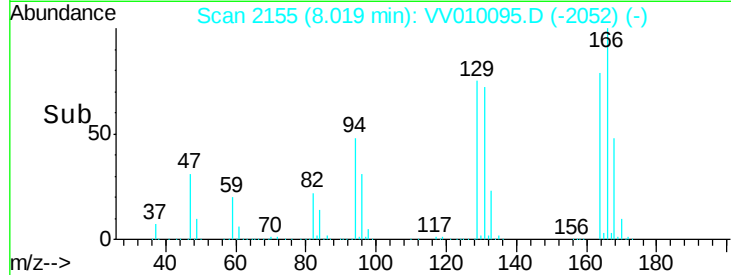
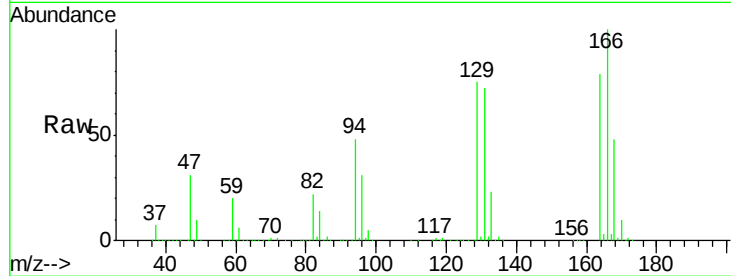
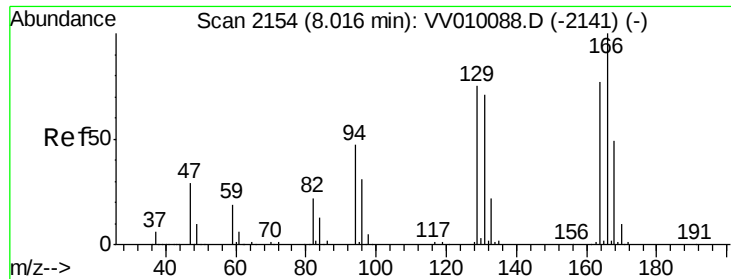


#35

Trichloroethene
Concen: 3.276 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010095.D
Acq: 03 Apr 2019 16:18

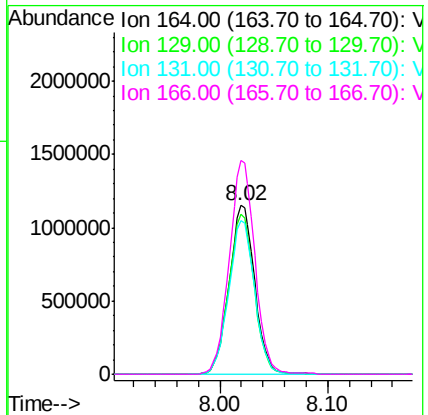
Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.8	85.2
132	94.8	70.6	131.0
130	104.2	76.1	141.3





#47
Tetrachloroethene
Concen: 613.157 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010095.D
Acq: 03 Apr 2019 16:18

Tot Ion	Ratio	Lower	Upper
164	100		
129	95.0	67.8	125.8
131	91.3	65.2	121.0
166	126.6	93.8	174.2



Instrument :
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