

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010090.D
 Acq On : 03 Apr 2019 14:07
 Operator : SY/MD
 Sample : K2215-04
 Misc : 5.31G/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2M5

Quant Time: Apr 04 06:05:14 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	236385	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225547	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101742	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57352	18.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.48%
7) Chloroethane-d5	1.57	69	72818	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.12%
10) 1,1-Dichloroethene-d2	2.21	63	239	0.03	ug/L	0.08
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.12%#
20) 2-Butanone-d5	4.07	46	388	0.43	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.86%#
24) Chloroform-d	4.40	84	129323	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.08	65	76176	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	5.10	84	266676	22.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.20%
33) 1,2-Dichloropropane-d6	6.12	67	79566	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	7.36	98	240347	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	7.66	79	27984	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.84%
39) 2-Hexanone-d5	8.14	63	27583	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	71805	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	93698	23.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.56%

Target Compounds

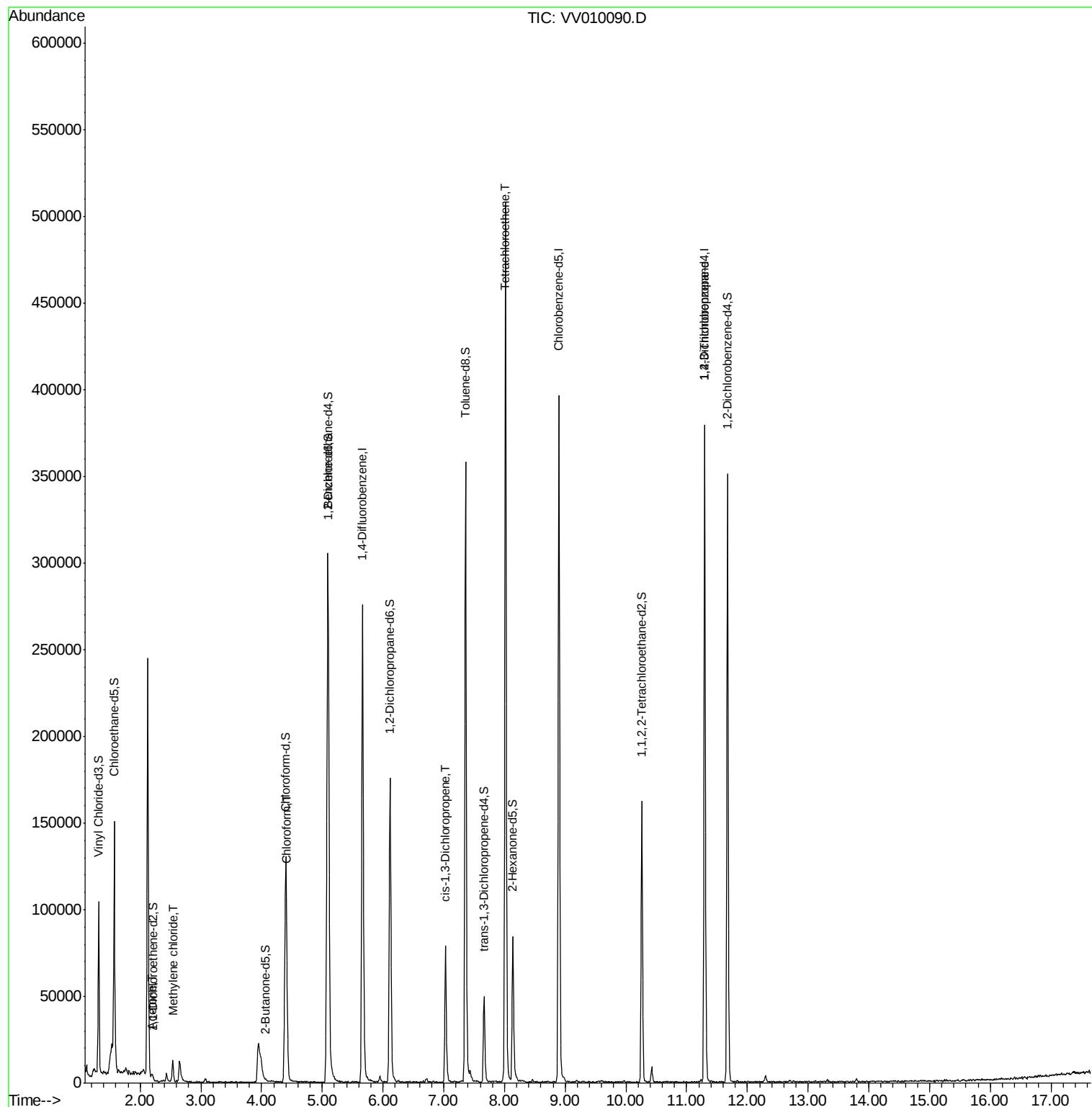
					Qvalue
13) Acetone	2.20	43	2786	3.129 ug/L	90
16) Methylene chloride	2.54	84	5053	1.217 ug/L	97
25) Chloroform	4.42	83	2718	0.506 ug/L #	71
42) cis-1,3-Dichloropropene	7.03	75	2305	0.571 ug/L #	48
47) Tetrachloroethene	8.02	164	107136	40.317 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	13068	5.742 ug/L	98

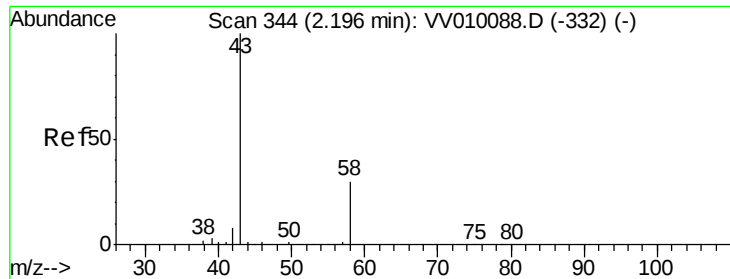
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 04 06:01:11 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.129 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV010090.D

Acq: 03 Apr 2019 14:07

Instrument :

MSVOA_V

ClientSampled :

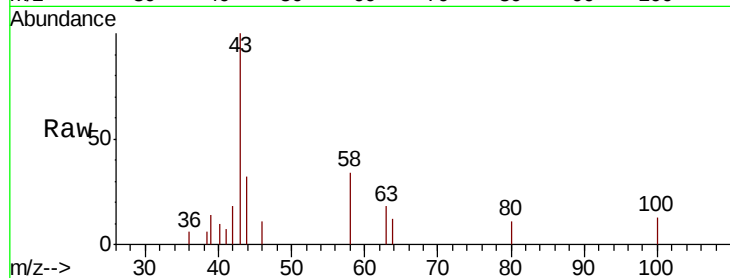
BF2M5

Tgt Ion: 43 Resp: 2786

Ion Ratio Lower Upper

43 100

58 38.0 0.0 64.6



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

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

2.20

1500

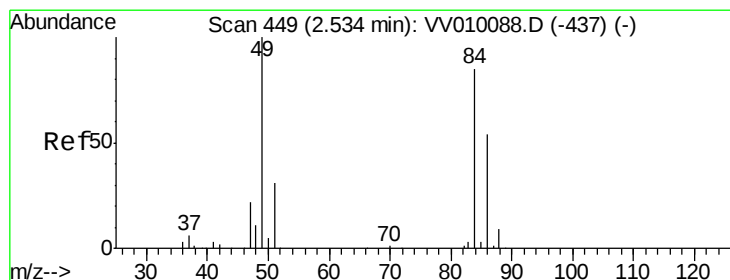
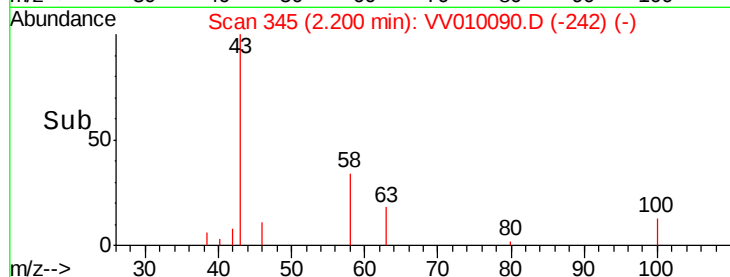
1000

500

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.217 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010090.D

Acq: 03 Apr 2019 14:07

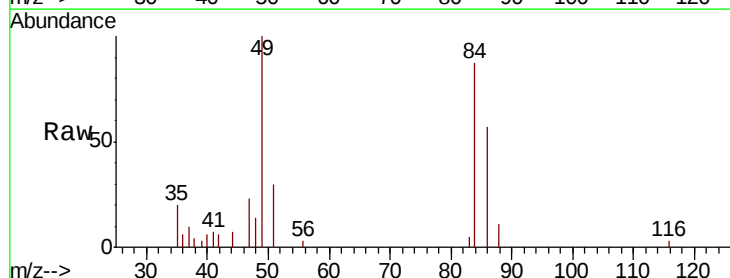
Tgt Ion: 84 Resp: 5053

Ion Ratio Lower Upper

84 100

49 114.9 84.3 156.5

86 65.3 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) (-)

2.54

4000

3000

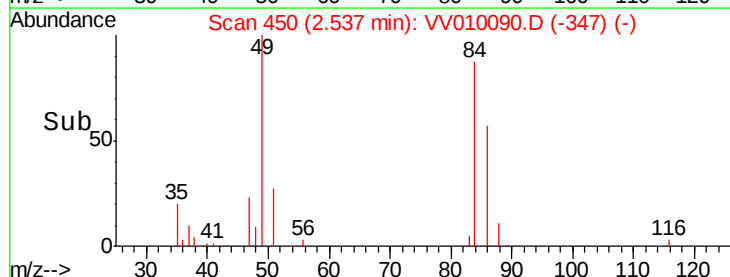
2000

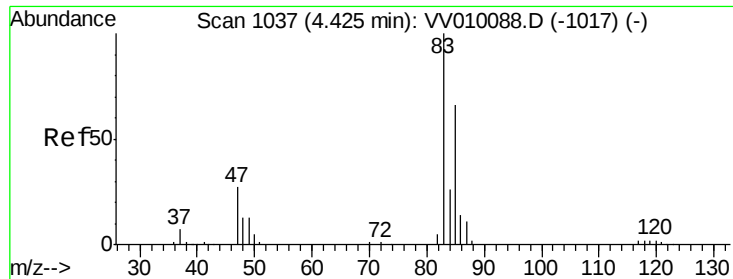
1000

0

Time-->

2.50 2.55

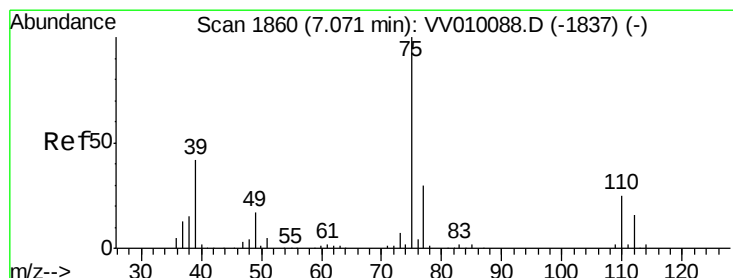
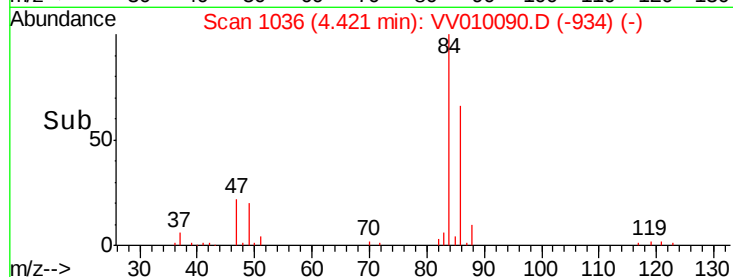
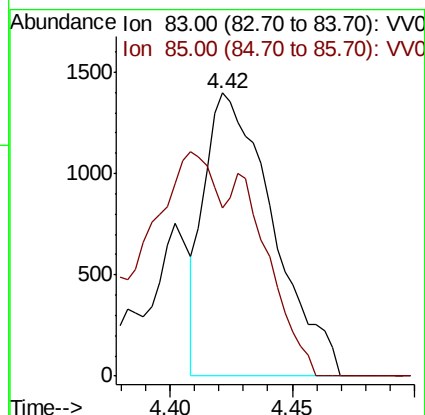
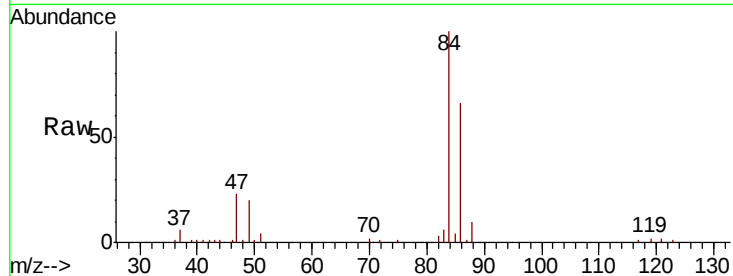




#25
Chloroform
Concen: 0.506 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010090.D
Acq: 03 Apr 2019 14:07

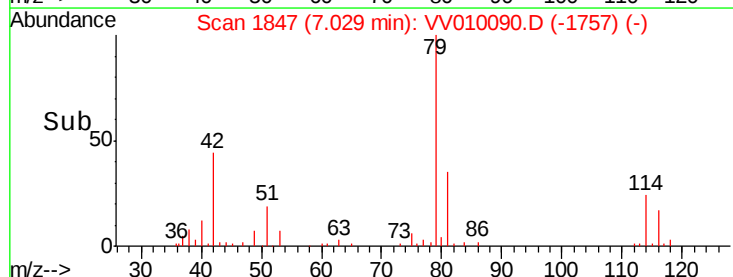
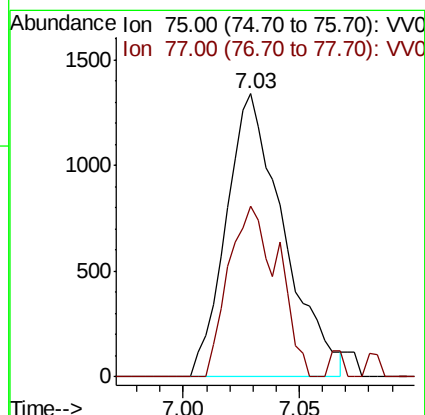
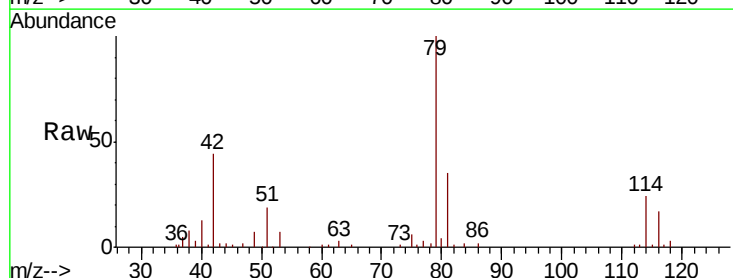
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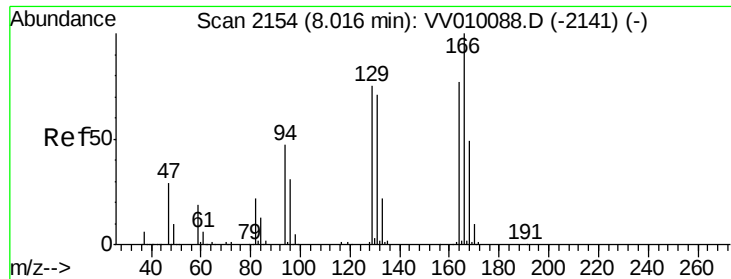
Tgt Ion: 83 Resp: 2718
Ion Ratio Lower Upper
83 100
85 43.5 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.571 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010090.D
Acq: 03 Apr 2019 14:07

Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
77 60.5 22.1 41.1#

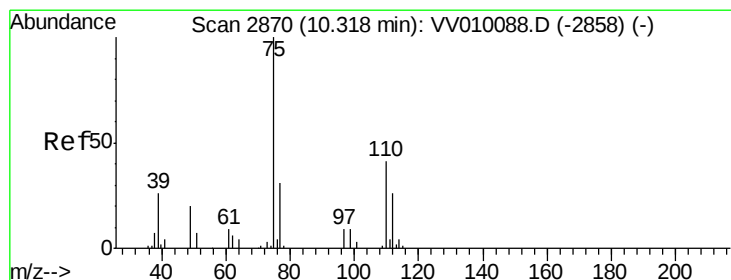
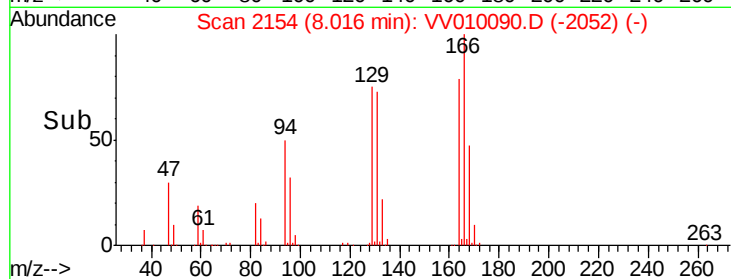
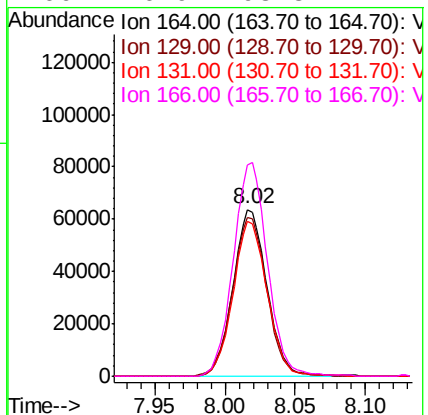
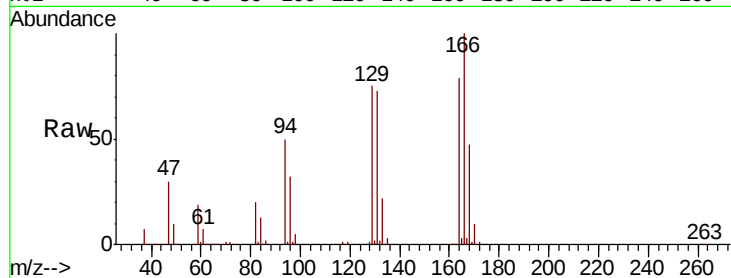




#47
Tetrachloroethene
Concen: 40.317 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010090.D
Acq: 03 Apr 2019 14:07

Instrument :
MSVOA_V
ClientSampleId :
BF2M5

Tgt Ion:	164	Resp:	107136
Ion	Ratio	Lower	Upper
164	100		
129	95.0	67.8	125.8
131	92.7	65.2	121.0
166	126.9	93.8	174.2



#59
1,2,3-Trichloropropane
Concen: 5.742 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010090.D
Acq: 03 Apr 2019 14:07

Tgt Ion:	75	Resp:	13068
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.8	38.8

