

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010100.D
 Acq On : 03 Apr 2019 19:22
 Operator : SY/MD
 Sample : K2148-09
 Misc : 2.87G/10mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G8RE

Quant Time: Apr 04 06:06:50 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	247126	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70873	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.68%
7) Chloroethane-d5	1.57	69	69429	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	2.13	63	146114	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	3.94	46	21988	23.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.72%
24) Chloroform-d	4.40	84	127654	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	78826	22.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.52%
29) Benzene-d6	5.10	84	290874	31.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.64%
33) 1,2-Dichloropropane-d6	6.12	67	84815	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.16%#
37) Toluene-d8	7.36	98	241724	26.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.52%
38) trans-1,3-Dichloropropene-	7.67	79	19429	16.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.00%
39) 2-Hexanone-d5	8.13	63	13822	25.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44010	16.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	33642	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds

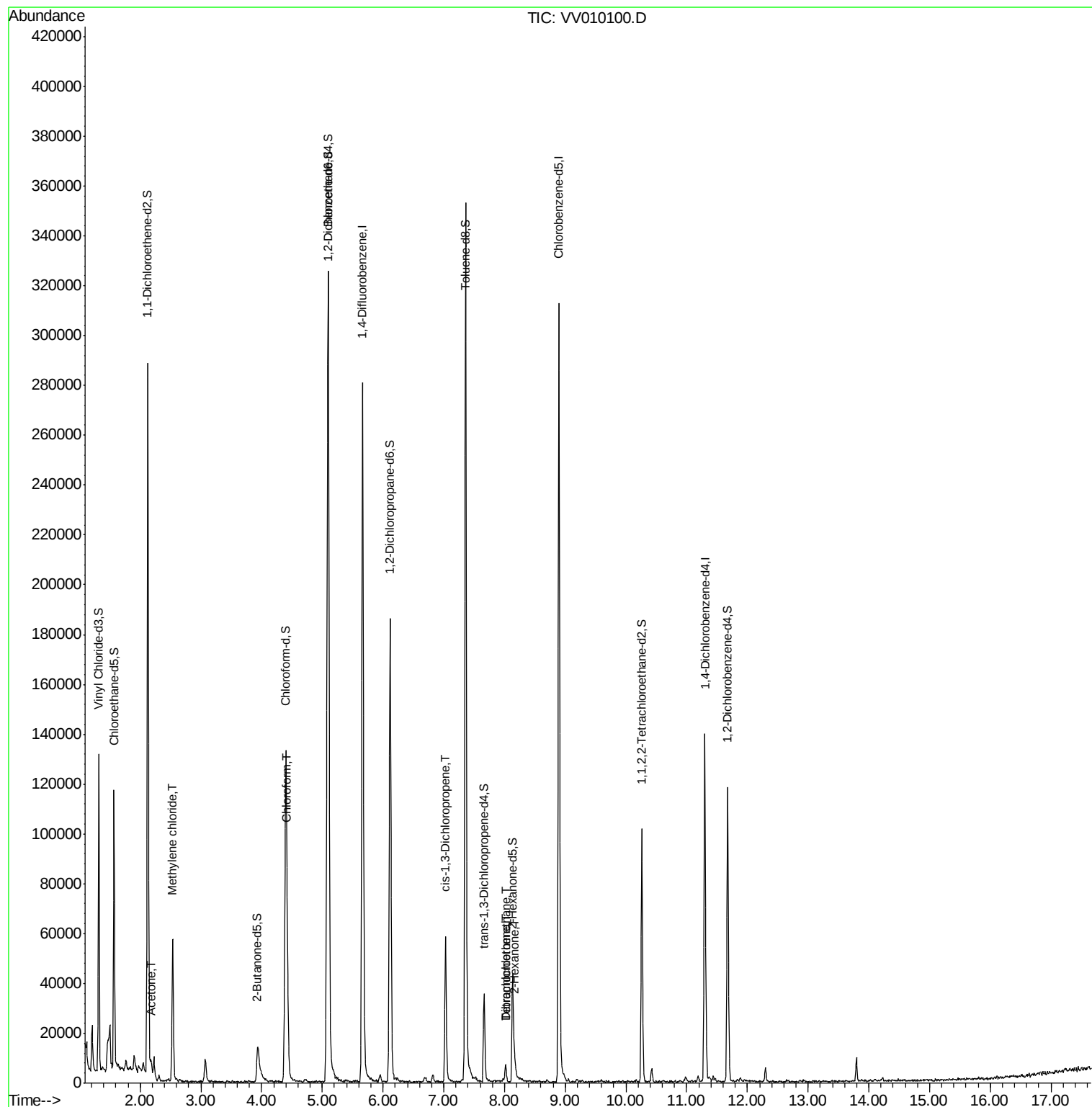
					Qvalue
13) Acetone	2.19	43	3029	3.254 ug/L	84
16) Methylene chloride	2.53	84	23575	5.430 ug/L	96
25) Chloroform	4.43	83	20909	3.721 ug/L	99
42) cis-1,3-Dichloropropene	7.03	75	1587	0.493 ug/L #	45
47) Tetrachloroethene	8.02	164	1498	0.706 ug/L	89
49) 2-Hexanone	8.16	43	3387	2.882 ug/L #	41
50) Dibromochloromethane	8.02	129	1341	0.607 ug/L #	12

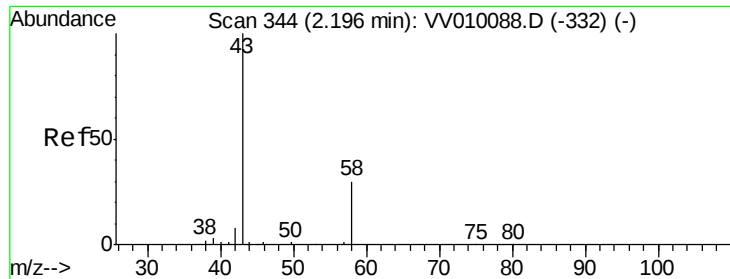
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.254 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010100.D

Acq: 03 Apr 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

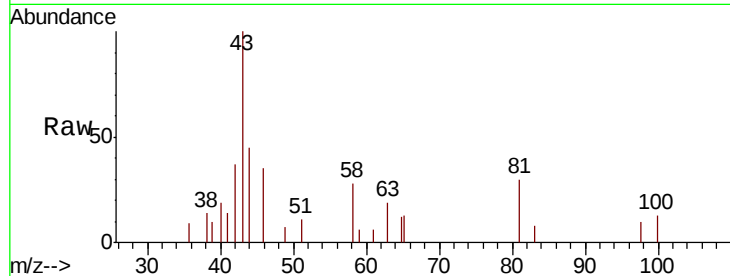
BF5G8RE

Tgt Ion: 43 Resp: 3029

Ion Ratio Lower Upper

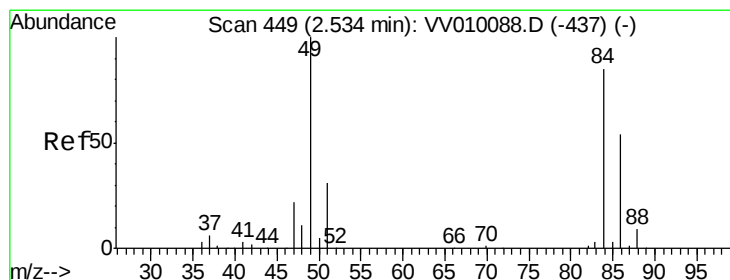
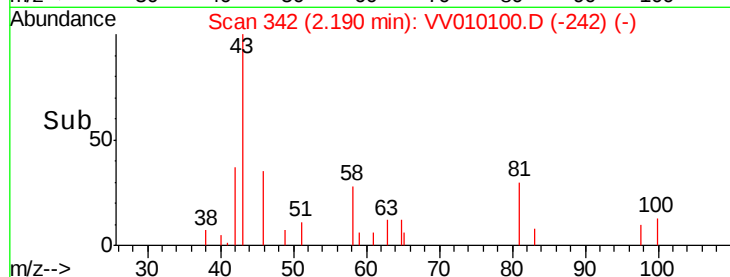
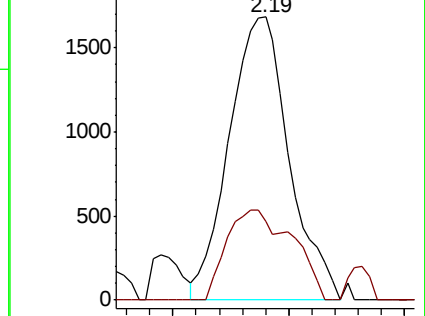
43 100

58 23.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010100.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010100.D (-332) (-)



#16

Methylene chloride

Concen: 5.430 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010100.D

Acq: 03 Apr 2019 19:22

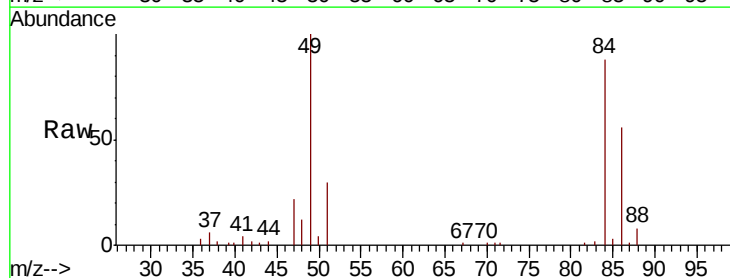
Tgt Ion: 84 Resp: 23575

Ion Ratio Lower Upper

84 100

49 113.9 84.3 156.5

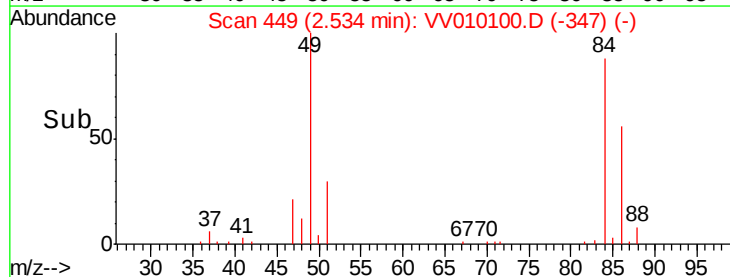
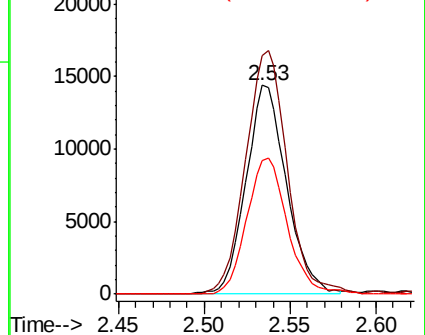
86 64.0 45.4 84.2

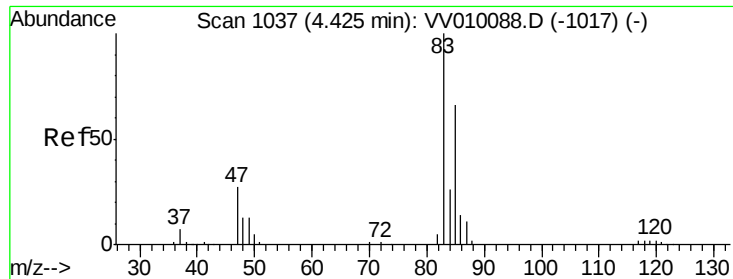


Abundance Ion 84.00 (83.70 to 84.70): VV010100.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010100.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010100.D (-437) (-)

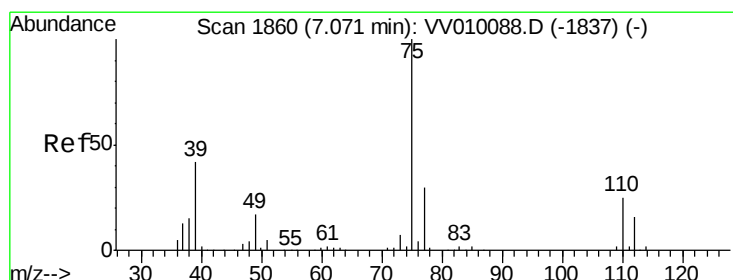
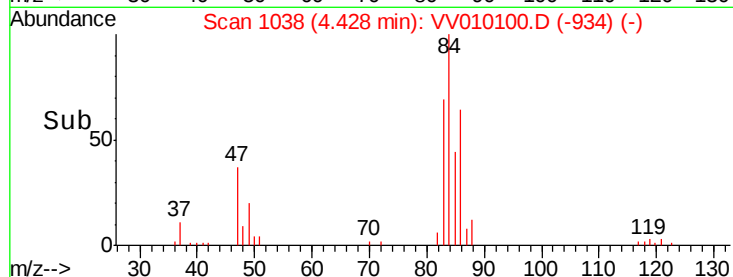
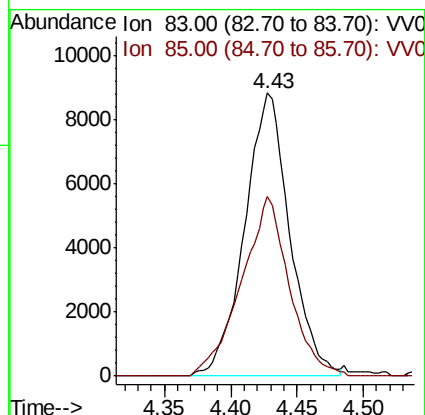
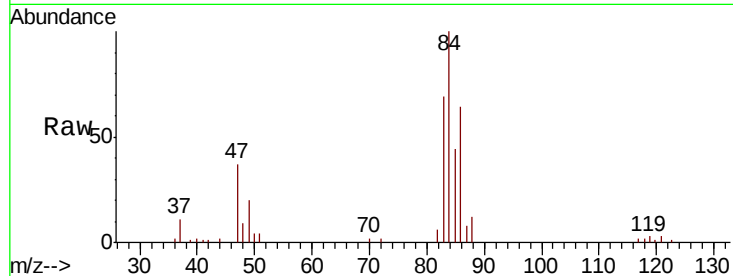




#25
Chloroform
Concen: 3.721 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010100.D
Acq: 03 Apr 2019 19:22

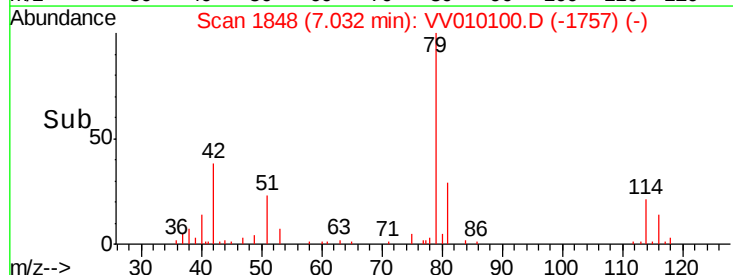
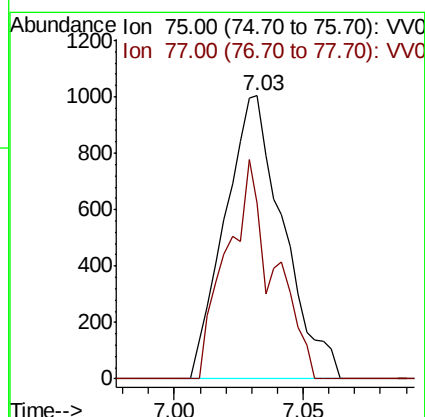
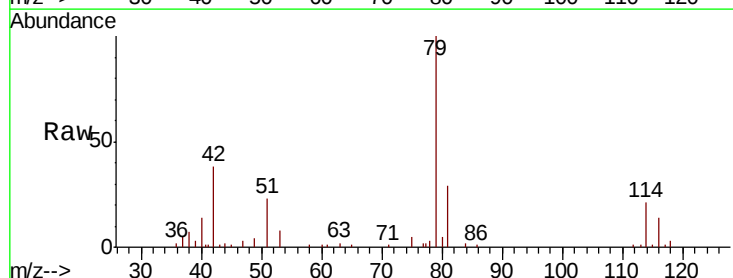
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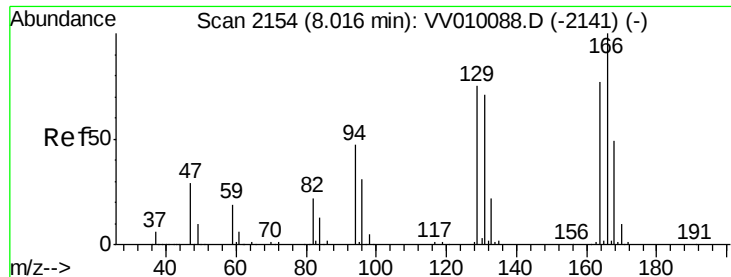
Tgt Ion: 83 Resp: 20909
Ion Ratio Lower Upper
83 100
85 67.2 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.493 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010100.D
Acq: 03 Apr 2019 19:22

Tgt Ion: 75 Resp: 1587
Ion Ratio Lower Upper
75 100
77 62.2 22.1 41.1#

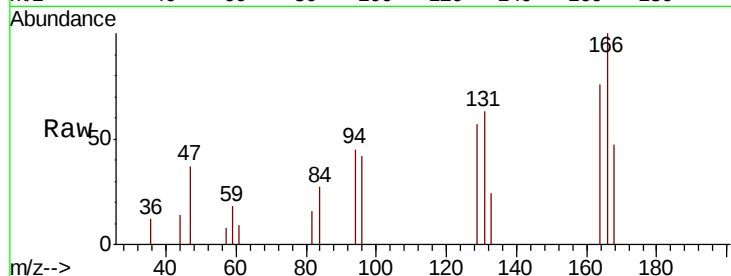




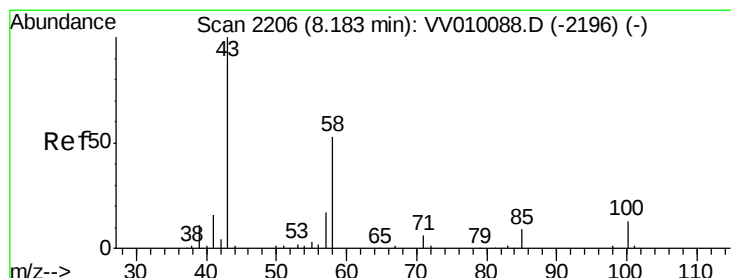
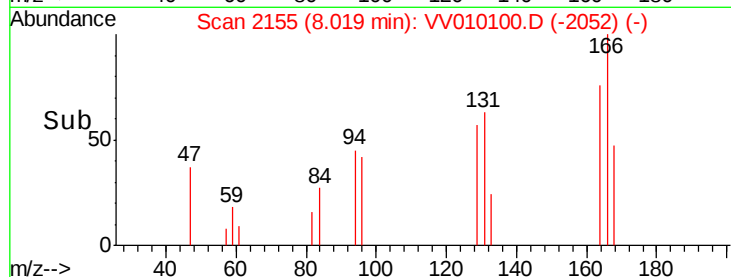
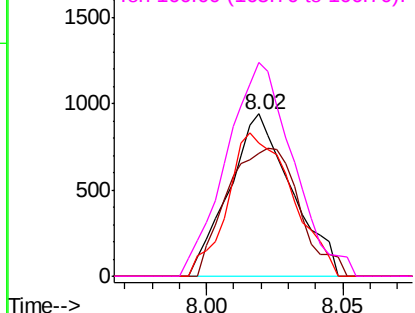
#47
Tetrachloroethene
Concen: 0.706 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV010100.D
Acq: 03 Apr 2019 19:22

Instrument :
MSVOA_V
ClientSampleId :
BF5G8RE

Tgt Ion:	164	Resp:	1498
Ion	Ratio	Lower	Upper
164	100		
129	75.6	67.8	125.8
131	82.3	65.2	121.0
166	131.6	93.8	174.2

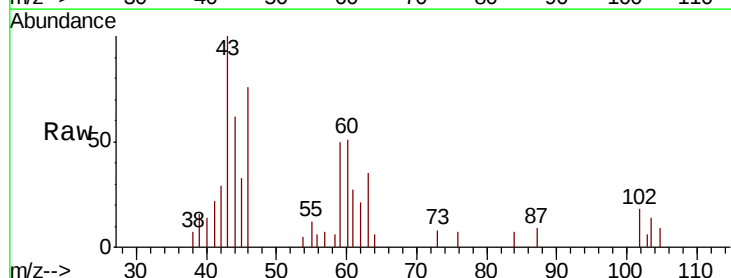


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

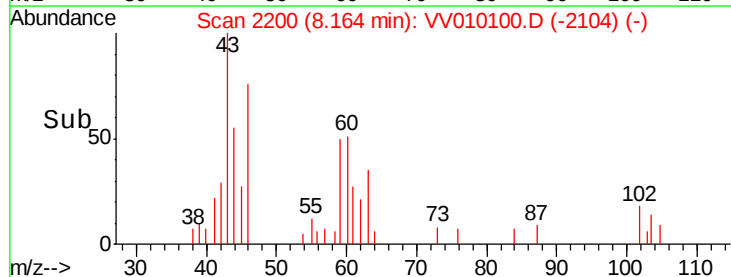
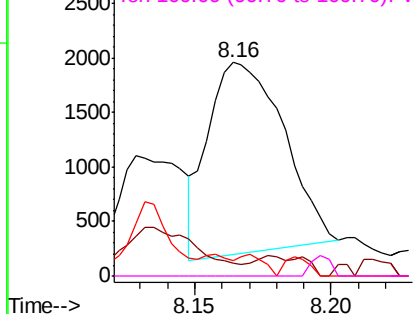


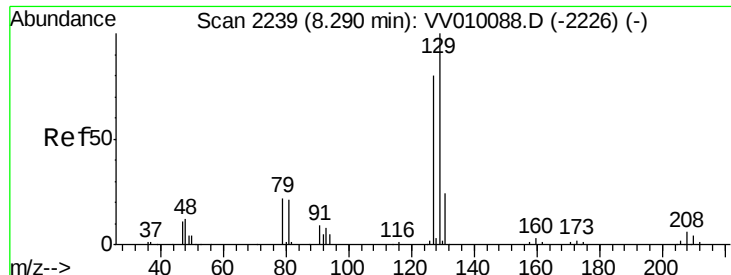
#49
2-Hexanone
Concen: 2.882 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VV010100.D
Acq: 03 Apr 2019 19:22

Tgt Ion:	43	Resp:	3387
Ion	Ratio	Lower	Upper
43	100		
58	2.0	44.3	66.5#
57	3.6	13.8	20.8#
100	0.0	10.6	15.8#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#50

Dibromochloromethane

Concen: 0.607 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV010100.D

Acq: 03 Apr 2019 19:22

Instrument :
MSVOA_V
ClientSampleId :
BF5G8RE

Tgt Ion:129 Resp: 1341

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.7#

