

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010190.D
 Acq On : 08 Apr 2019 22:51
 Operator : SY/MD
 Sample : K2254-03
 Misc : 2.87G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC24

Quant Time: Apr 09 07:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	279736	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	245943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58331	15.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.32%
7) Chloroethane-d5	1.57	69	89114	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.64%
10) 1,1-Dichloroethene-d2	2.12	63	128230	13.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.28%
20) 2-Butanone-d5	3.94	46	42153	39.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.12%
24) Chloroform-d	4.40	84	148965	21.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.56%
26) 1,2-Dichloroethane-d4	5.08	65	91423	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	5.09	84	294303	23.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.28%
33) 1,2-Dichloropropane-d6	6.11	67	92266	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	7.36	98	254126	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.72%
38) trans-1,3-Dichloropropene-	7.66	79	30558	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	8.14	63	29640	39.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77797	20.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	85368	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

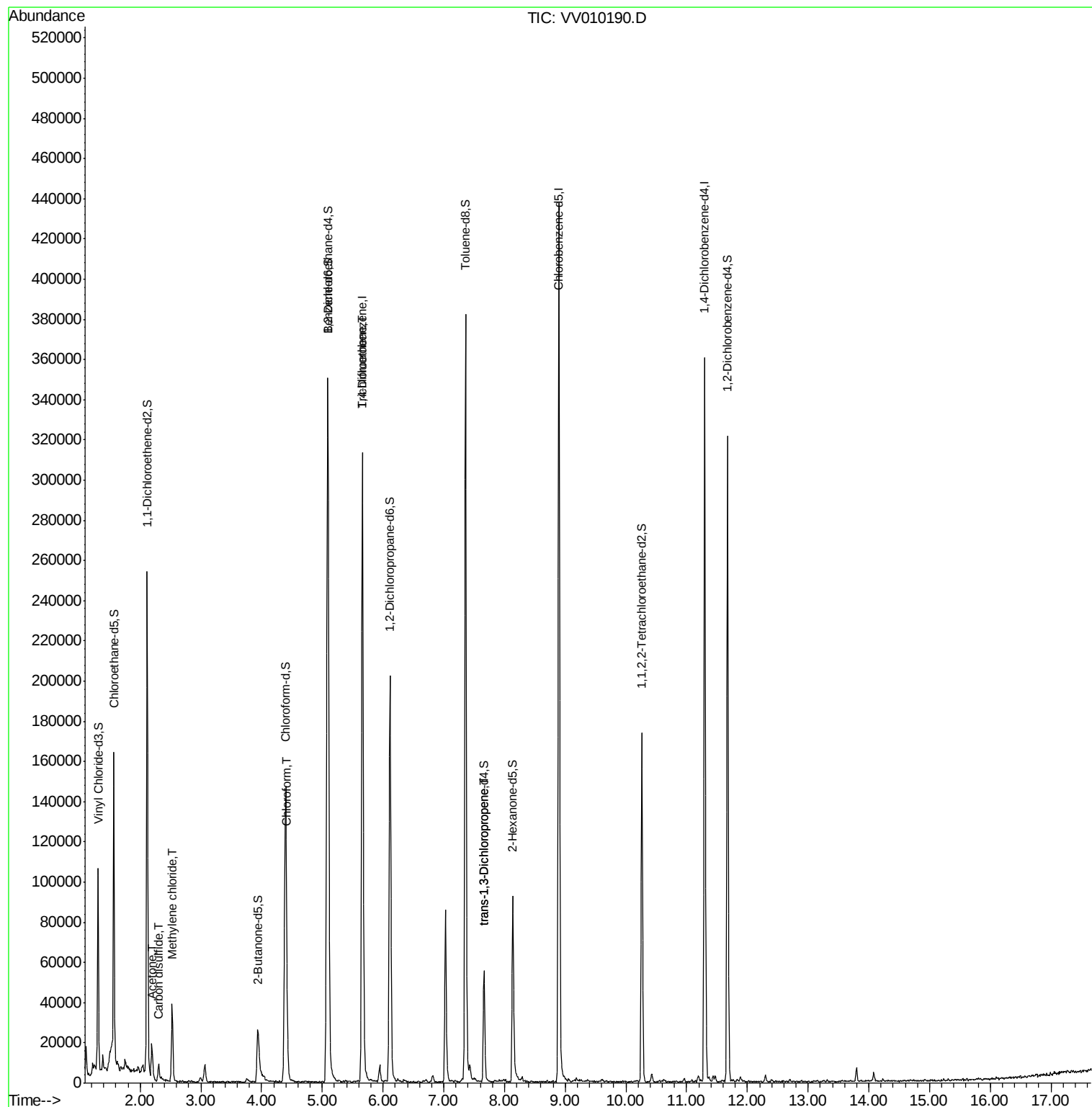
					Ovalue
13) Acetone	2.19	43	20367	19.331	ug/L 94
14) Carbon disulfide	2.31	76	8591	1.082	ug/L 97
16) Methylene chloride	2.53	84	16400	3.337	ug/L 95
25) Chloroform	4.42	83	7824	1.230	ug/L 97
35) Trichloroethene	5.66	95	8220	2.375	ug/L # 3
45) trans-1,3-Dichloropropene	7.66	75	1799	0.481	ug/L 98

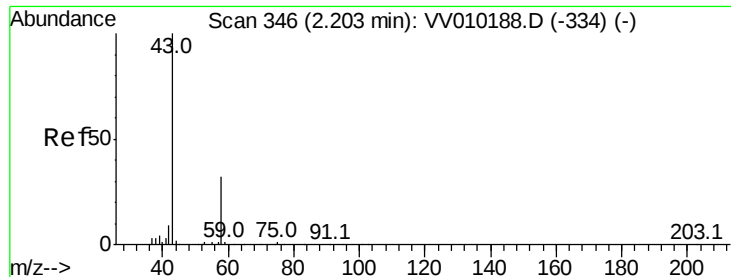
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 09 07:35:38 2019
Response via : Initial Calibration





#13

Acetone

Concen: 19.331 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010190.D

Acq: 08 Apr 2019 22:51

Instrument :

MSVOA_V

ClientSampled :

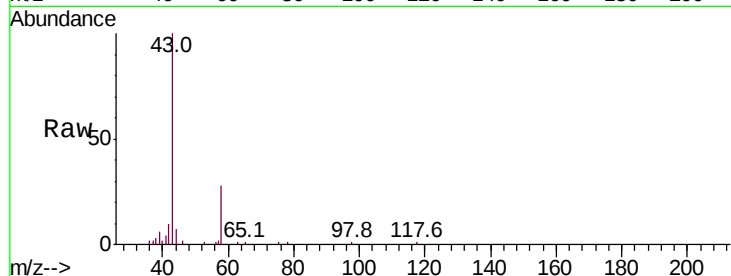
BFC24

Tot Ion: 43 Resp: 20367

Ion Ratio Lower Upper

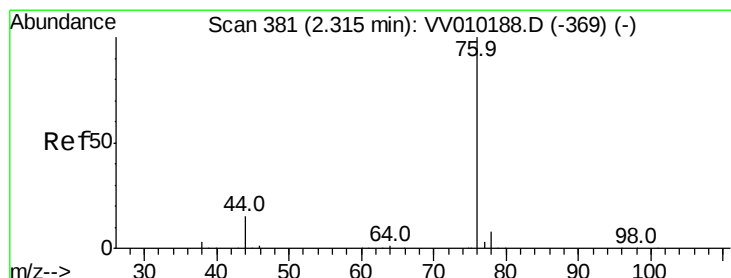
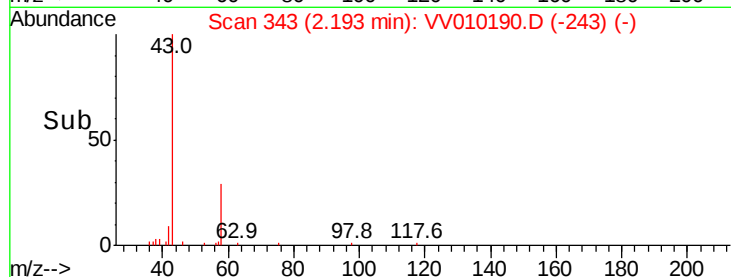
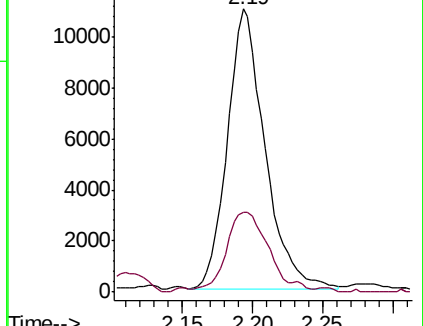
43 100

58 28.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)



#14

Carbon disulfide

Concen: 1.082 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010190.D

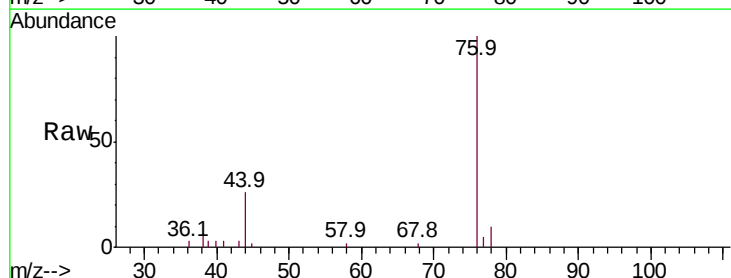
Acq: 08 Apr 2019 22:51

Tgt Ion: 76 Resp: 8591

Ion Ratio Lower Upper

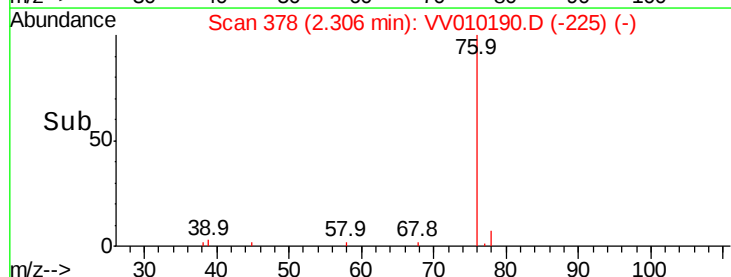
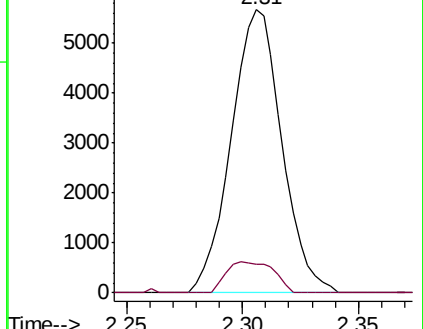
76 100

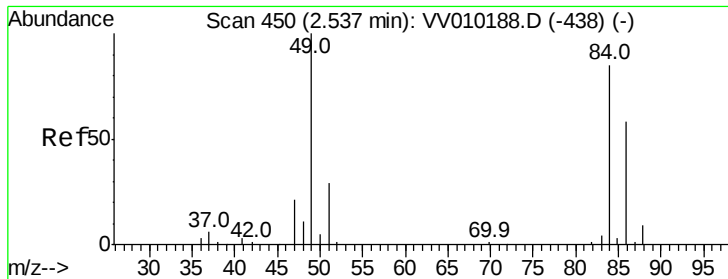
78 10.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VV010188.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010188.D (-369) (-)

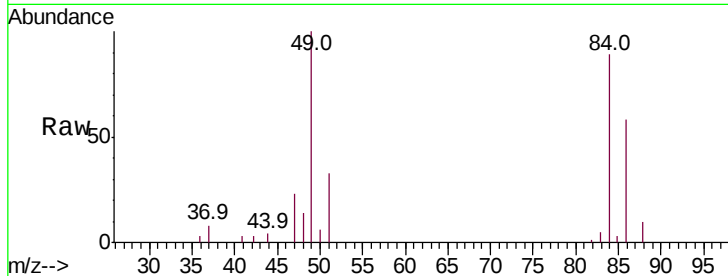




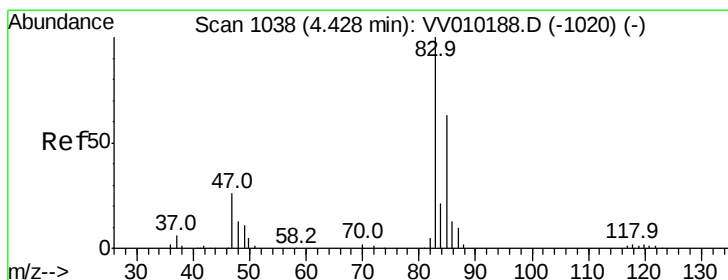
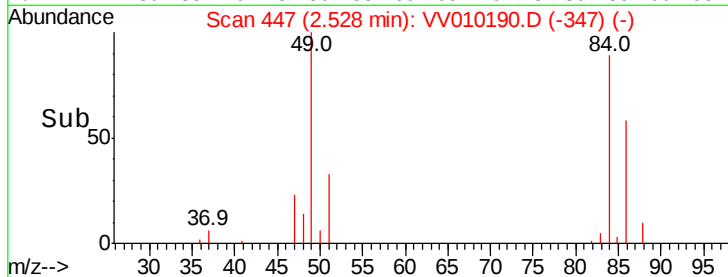
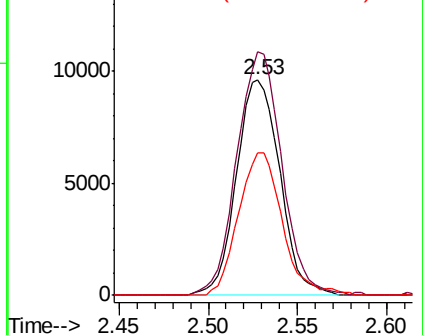
#16
Methvlene chloride
Concen: 3.337 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010190.D
Acq: 08 Apr 2019 22:51

Instrument :
MSVOA_V
ClientSampleId :
BFC24

Tot Ion: 84 Resp: 16400
Ion Ratio Lower Upper
84 100
49 112.8 84.3 156.5
86 65.9 45.4 84.2

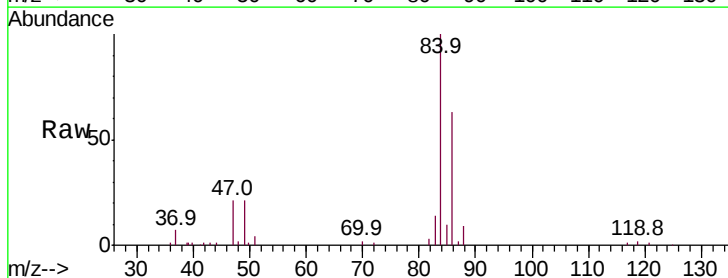


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

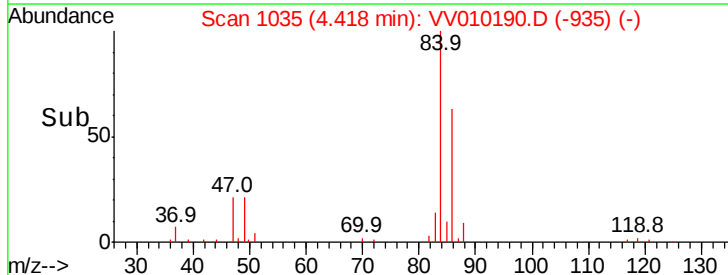
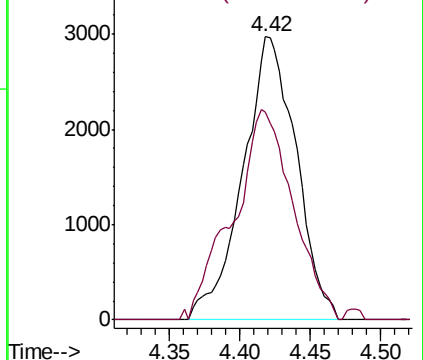


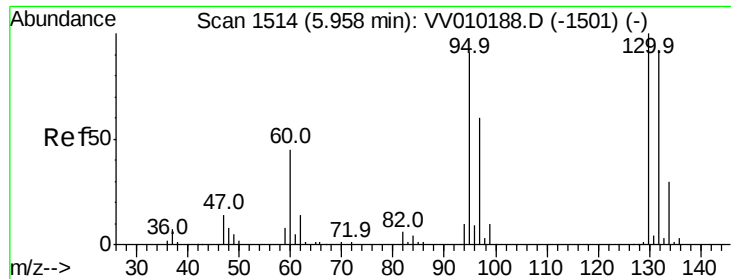
#25
Chloroform
Concen: 1.230 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010190.D
Acq: 08 Apr 2019 22:51

Tgt Ion: 83 Resp: 7824
Ion Ratio Lower Upper
83 100
85 63.8 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

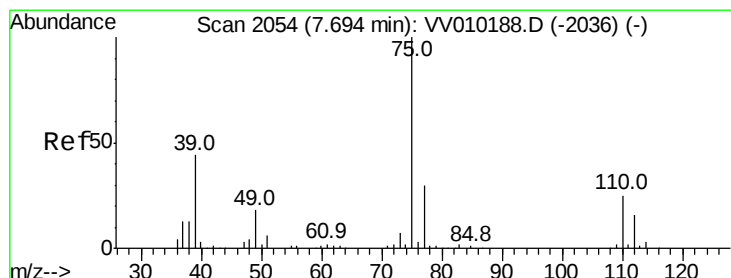
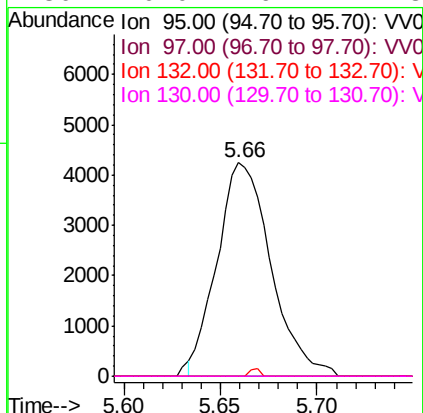
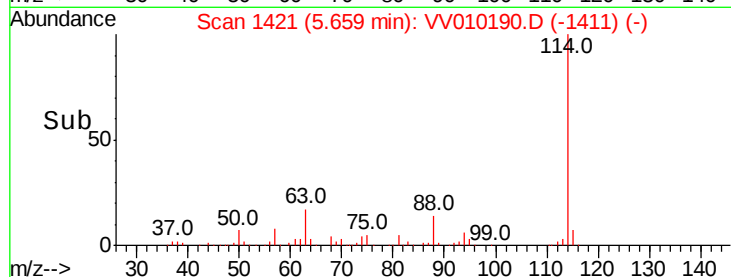
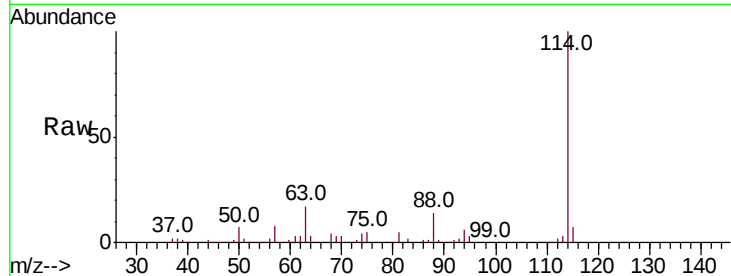




#35
 Trichloroethene
 Concen: 2.375 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010190.D
 Acq: 08 Apr 2019 22:51

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC24

Tot Ion: 95 Resp: 8220
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.2#
 132 0.7 70.6 131.0#
 130 0.0 76.1 141.3#



#45
 trans-1,3-Dichloropropene
 Concen: 0.481 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV010190.D
 Acq: 08 Apr 2019 22:51

Tgt Ion: 75 Resp: 1799
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.5 43.7

