

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
 Data File : VV010114.D
 Acq On : 04 Apr 2019 17:24
 Operator : SY/MD
 Sample : K2215-16
 Misc : 5.09G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P5

Quant Time: Apr 05 01:30:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	294087	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	297126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135615	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55665	14.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.56%
7) Chloroethane-d5	1.57	69	58189	11.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.60%
10) 1,1-Dichloroethene-d2	2.13	63	118074	11.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.56%
20) 2-Butanone-d5	3.94	46	48489	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
24) Chloroform-d	4.40	84	136706	18.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.80%
26) 1,2-Dichloroethane-d4	5.08	65	83050	20.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.16%
29) Benzene-d6	5.10	84	277024	17.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.92%
33) 1,2-Dichloropropane-d6	6.12	67	82972	18.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.00%
37) Toluene-d8	7.36	98	257680	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.44%
38) trans-1,3-Dichloropropene-	7.66	79	33103	17.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.12%
39) 2-Hexanone-d5	8.13	63	35202	38.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84341	18.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	103261	19.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.20%

Target Compounds

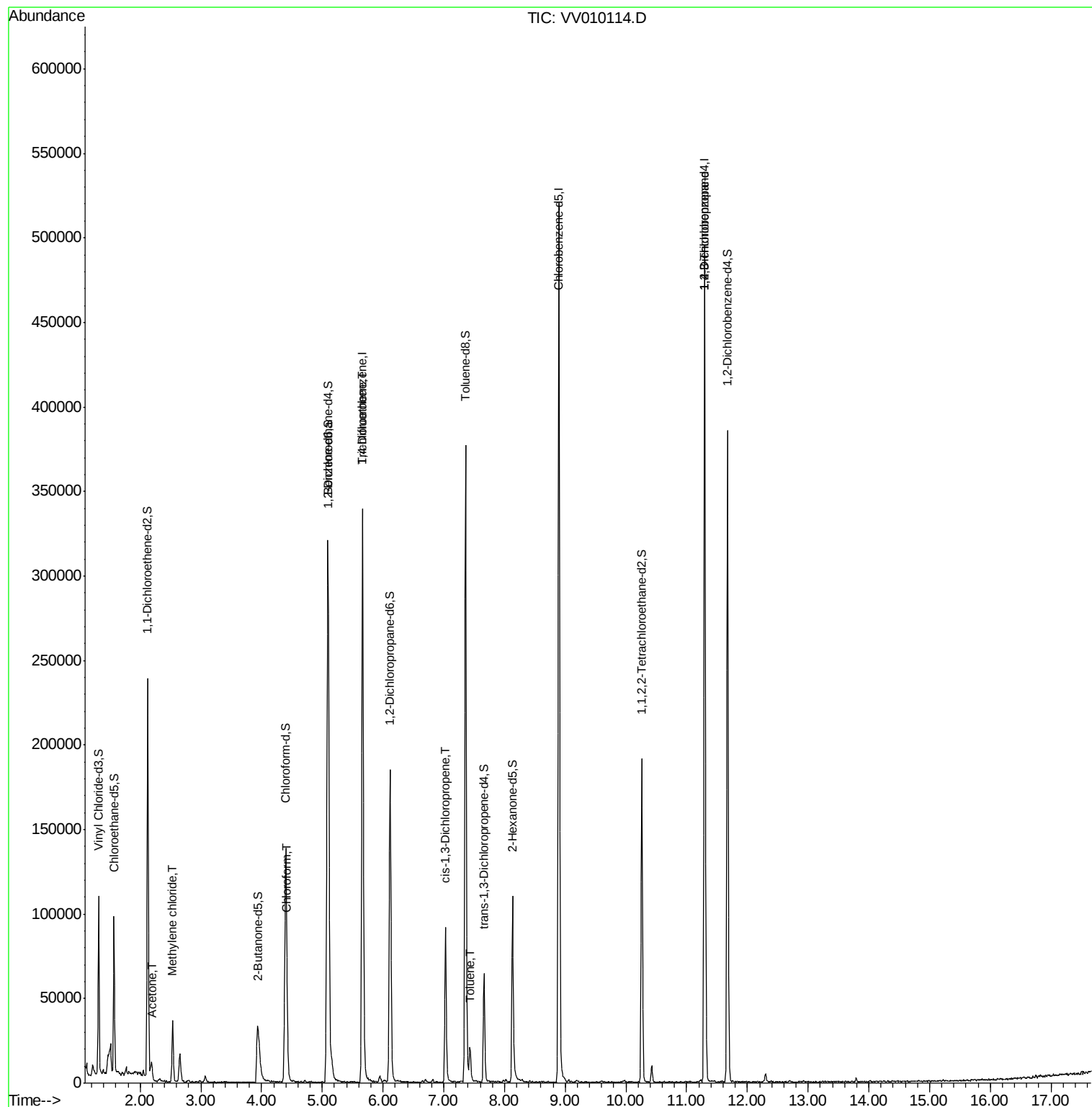
					Qvalue
13) Acetone	2.19	43	9064	8.183 ug/L	93
16) Methylene chloride	2.53	84	15241	2.950 ug/L	99
25) Chloroform	4.43	83	3560	0.532 ug/L #	60
35) Trichloroethene	5.66	95	8704	2.081 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	2977	0.560 ug/L #	65
44) Toluene	7.43	91	12817	0.786 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	16683	5.565 ug/L	92

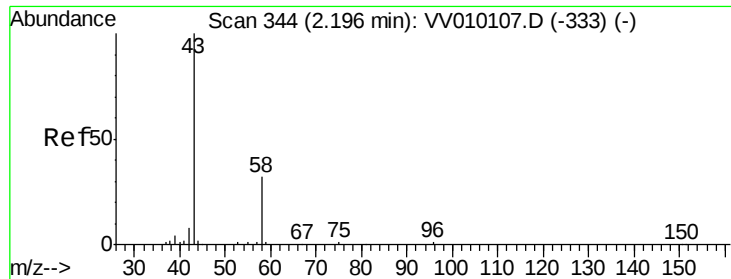
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 01:26:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.183 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010114.D

Acq: 04 Apr 2019 17:24

Instrument :

MSVOA_V

ClientSampleId :

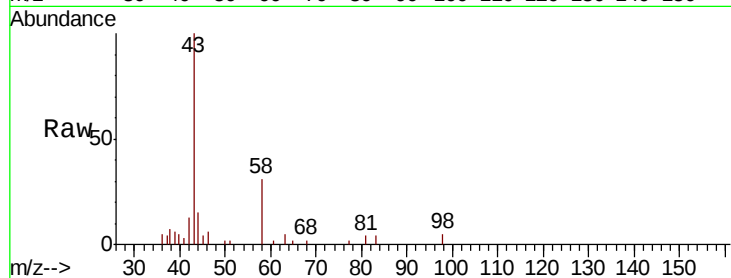
BF2P5

Tgt Ion: 43 Resp: 9064

Ion Ratio Lower Upper

43 100

58 28.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010107.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010107.D (-333) (-)

6000

5000

4000

3000

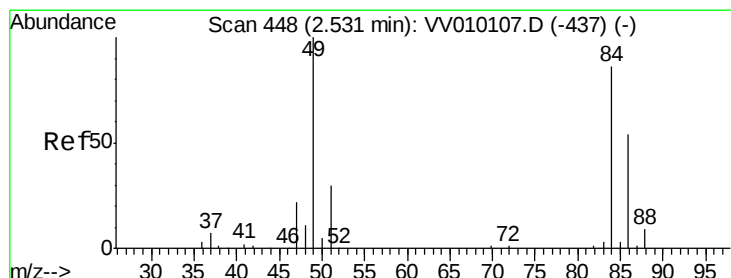
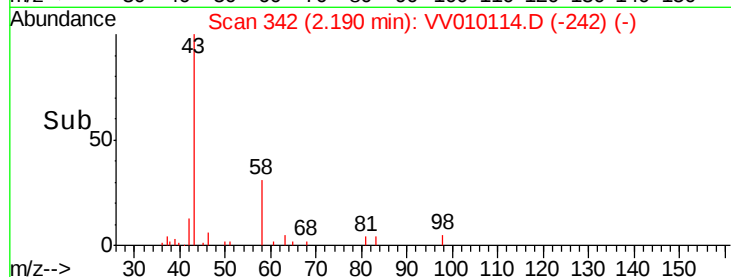
2000

1000

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 2.950 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010114.D

Acq: 04 Apr 2019 17:24

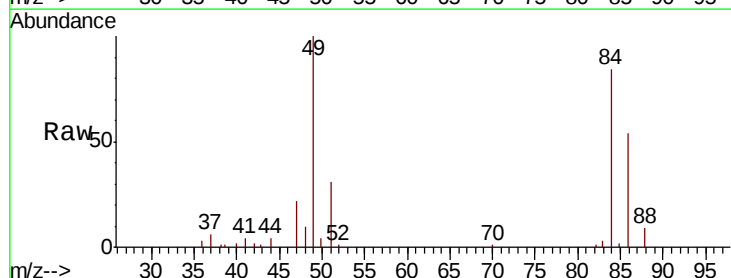
Tgt Ion: 84 Resp: 15241

Ion Ratio Lower Upper

84 100

49 118.7 84.3 156.5

86 64.2 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010107.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010107.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010107.D (-437) (-)

15000

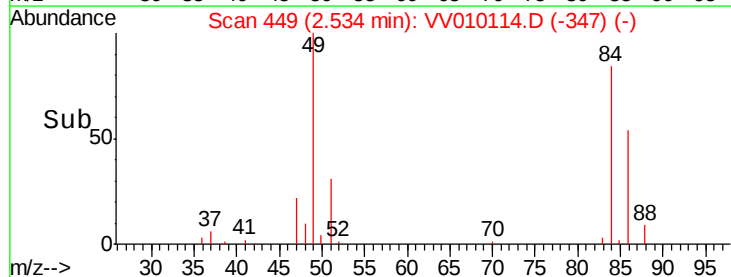
10000

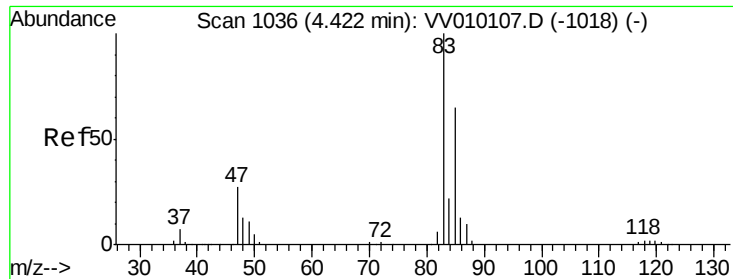
5000

0

2.50 2.55 2.60

Time-->

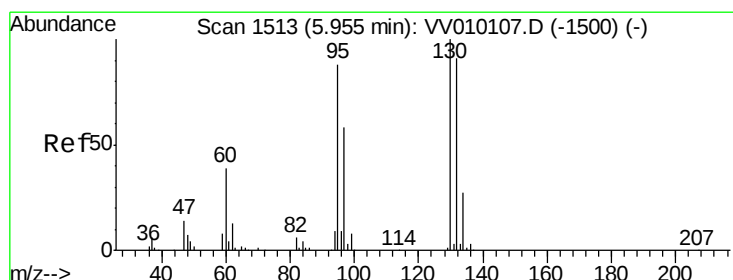
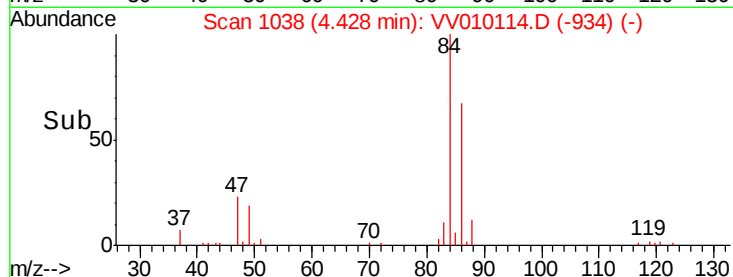
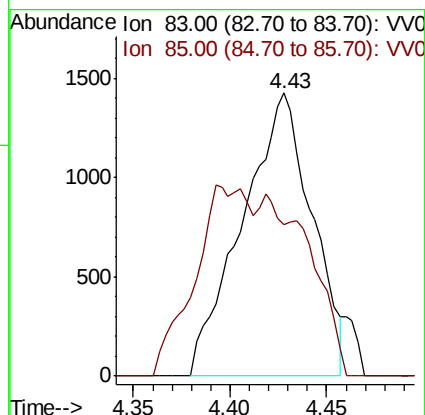
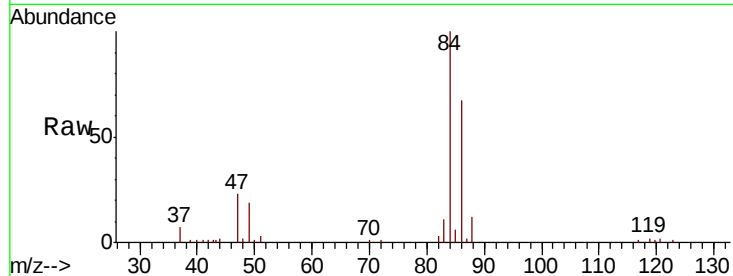




#25
Chloroform
Concen: 0.532 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010114.D
Acq: 04 Apr 2019 17:24

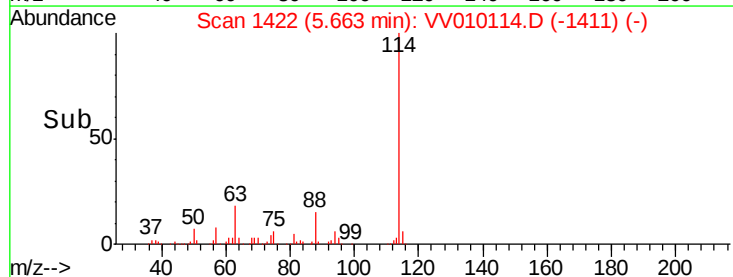
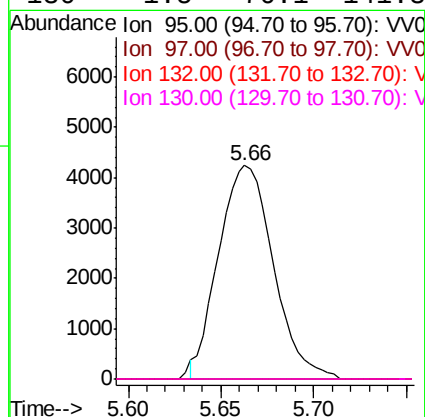
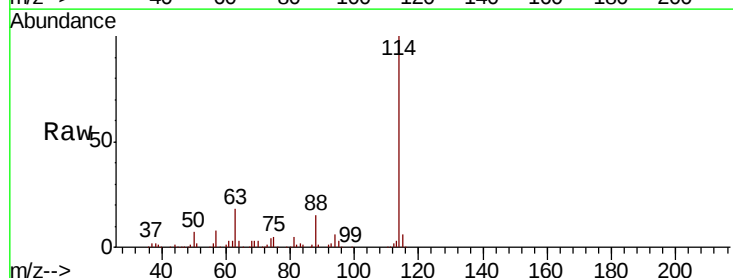
Instrument :
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ClientSampleId :
BF2P5

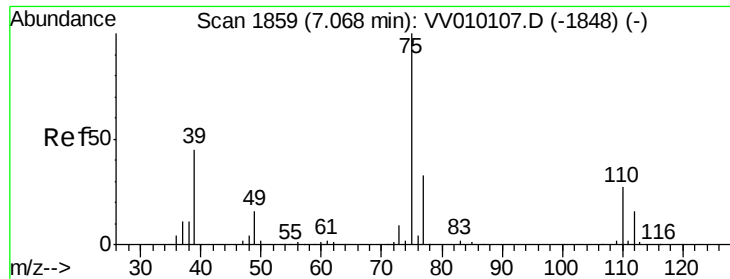
Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 34.6 46.4 86.2#



#35
Trichloroethene
Concen: 2.081 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010114.D
Acq: 04 Apr 2019 17:24

Tgt Ion: 95 Resp: 8704
Ion Ratio Lower Upper
95 100
97 0.8 45.8 85.2#
132 0.0 70.6 131.0#
130 1.5 76.1 141.3#



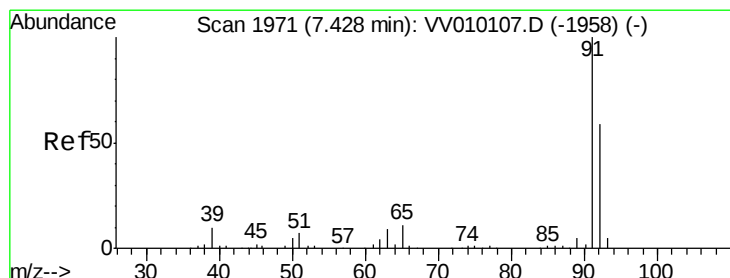
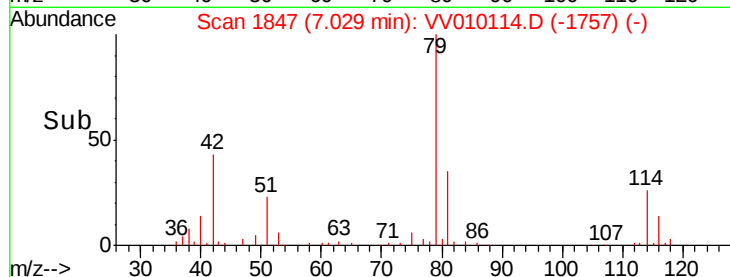
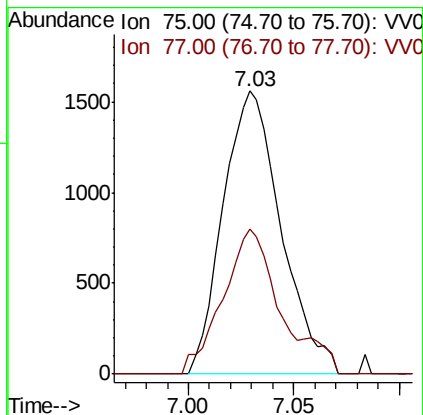
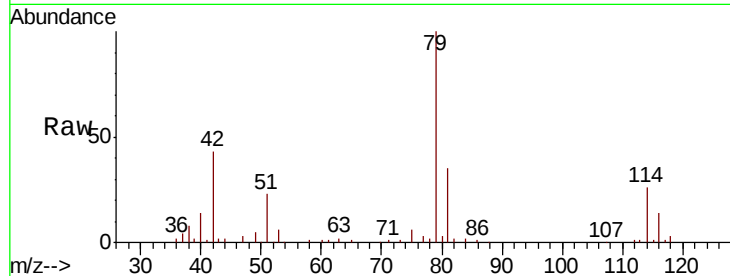


#42

cis-1,3-Dichloropropene
Concen: 0.560 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010114.D
Acq: 04 Apr 2019 17:24

Instrument :
MSVOA_V
ClientSampleId :
BF2P5

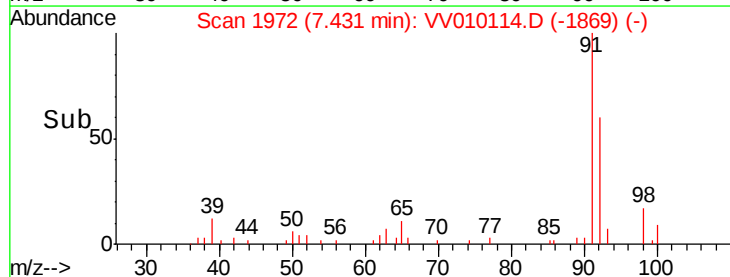
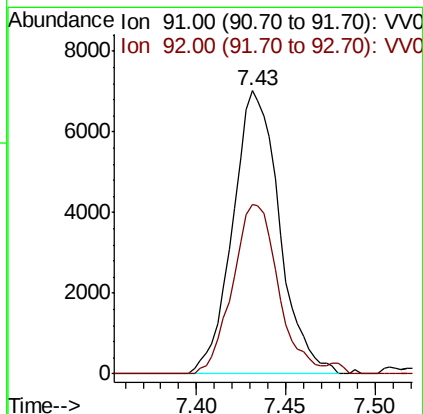
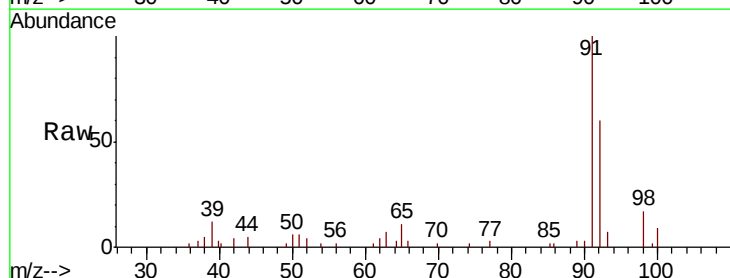
Tgt Ion: 75 Resp: 2977
Ion Ratio Lower Upper
75 100
77 51.3 22.1 41.1#

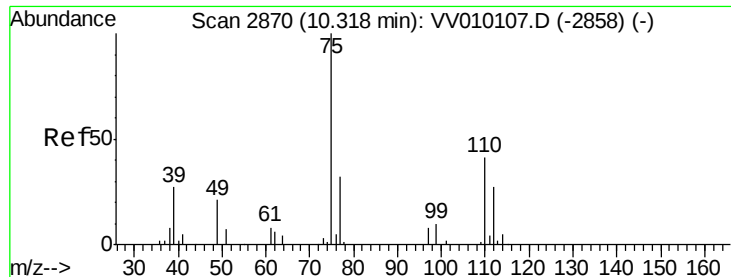


#44

Toluene
Concen: 0.786 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010114.D
Acq: 04 Apr 2019 17:24

Tgt Ion: 91 Resp: 12817
Ion Ratio Lower Upper
91 100
92 59.7 41.0 76.2





#59
 1,2,3-Trichloropropane
 Concen: 5.565 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010114.D
 Acq: 04 Apr 2019 17:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P5

Tgt Ion: 75 Resp: 16683
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.8

