

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010248.D
 Acq On : 11 Apr 2019 17:05
 Operator : SY/MD
 Sample : K2255-18
 Misc : 5.18G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC19

Quant Time: Apr 12 01:28:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	298570	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60003	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	1.57	69	62790	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.04%
10) 1,1-Dichloroethene-d2	2.13	63	124255	14.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.80%
20) 2-Butanone-d5	3.93	46	44515	51.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.36%
24) Chloroform-d	4.40	84	138875	20.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.48%
26) 1,2-Dichloroethane-d4	5.08	65	91157	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.88%
29) Benzene-d6	5.10	84	309243	27.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.68%
33) 1,2-Dichloropropane-d6	6.12	67	95409	28.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.80%
37) Toluene-d8	7.36	98	263245	24.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.60%
38) trans-1,3-Dichloropropene-	7.66	79	29944	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.40%
39) 2-Hexanone-d5	8.13	63	28256	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	67878	22.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.00%
61) 1,2-Dichlorobenzene-d4	11.68	152	43881	22.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.96%

Target Compounds

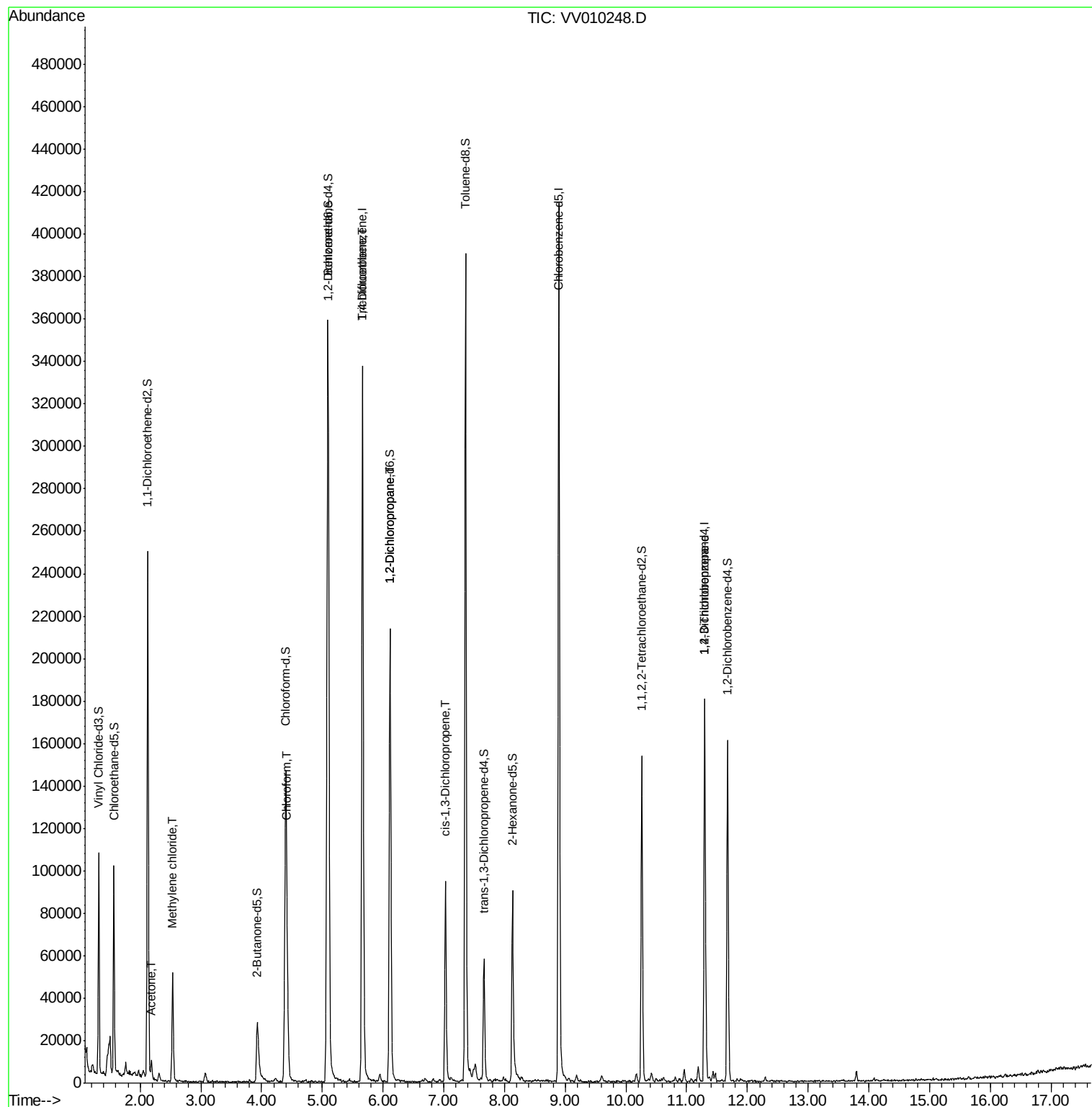
					Qvalue
13) Acetone	2.19	43	6198	6.670 ug/L	95
16) Methylene chloride	2.53	84	21751	3.720 ug/L	97
25) Chloroform	4.42	83	20950	2.865 ug/L	91
35) Trichloroethene	5.66	95	8005	2.358 ug/L #	3
40) 1,2-Dichloropropane	6.11	63	11105	3.862 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2590	0.594 ug/L	86
59) 1,2,3-Trichloropropene	11.30	75	5933	2.674 ug/L #	85

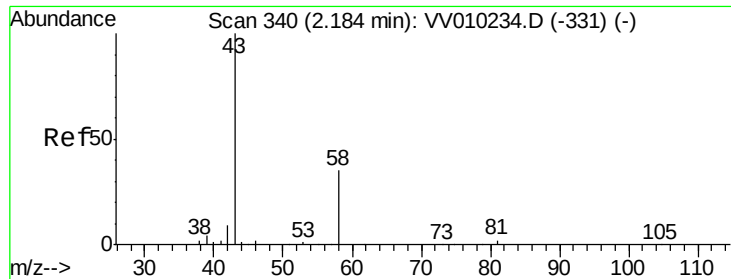
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 01:24:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.670 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010248.D

Acq: 11 Apr 2019 17:05

Instrument :

MSVOA_V

ClientSampleId :

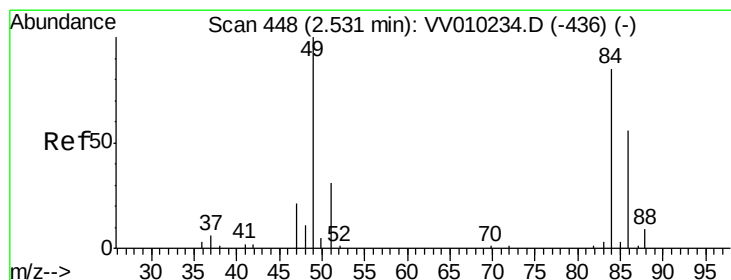
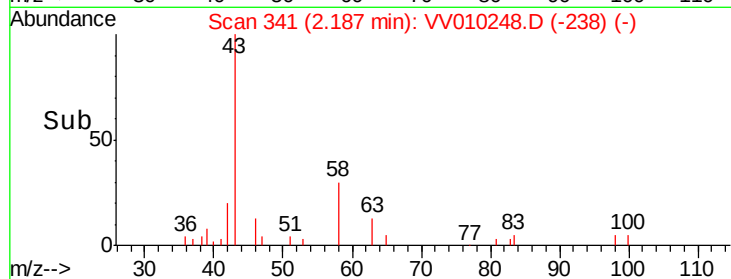
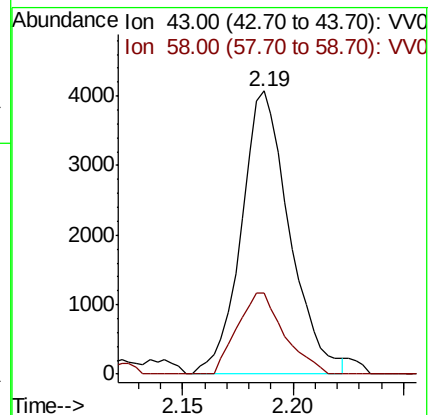
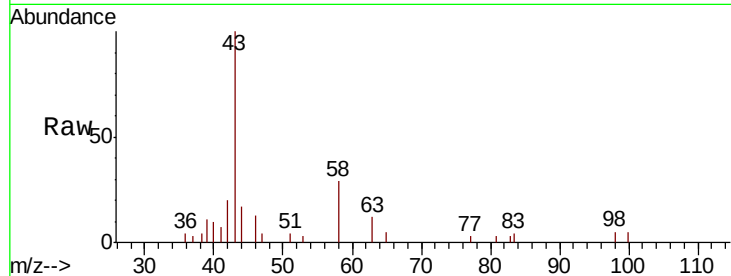
BFC19

Tgt Ion: 43 Resp: 6198

Ion Ratio Lower Upper

43 100

58 27.9 0.0 61.6



#16

Methylene chloride

Concen: 3.720 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010248.D

Acq: 11 Apr 2019 17:05

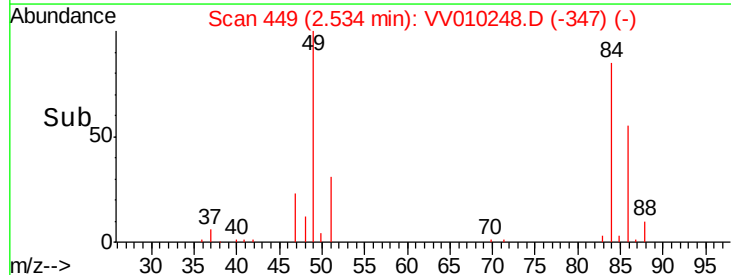
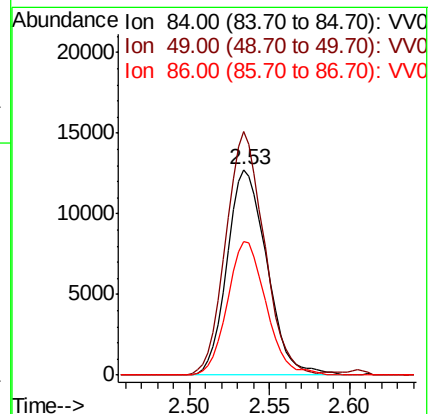
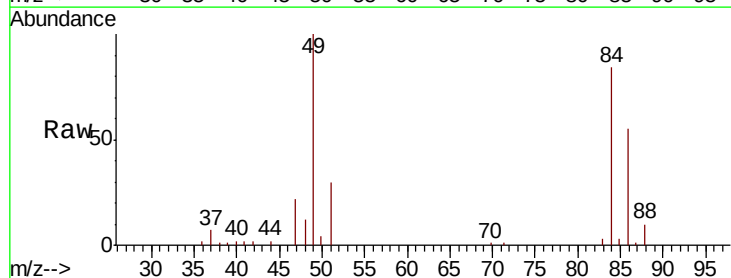
Tgt Ion: 84 Resp: 21751

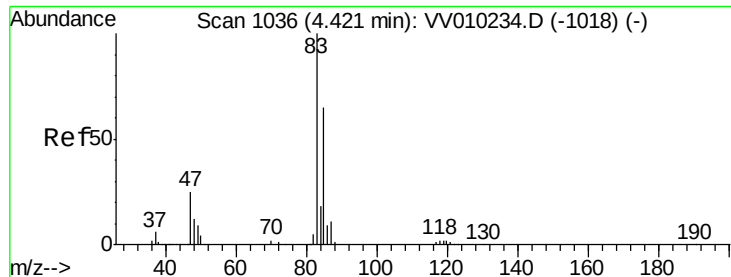
Ion Ratio Lower Upper

84 100

49 118.6 79.9 148.5

86 64.9 44.5 82.7

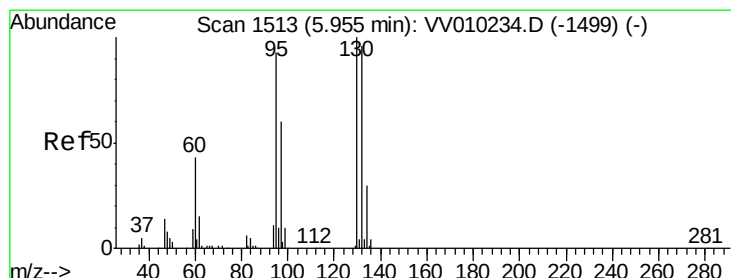
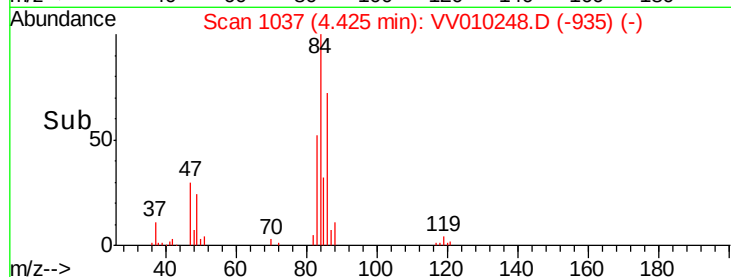
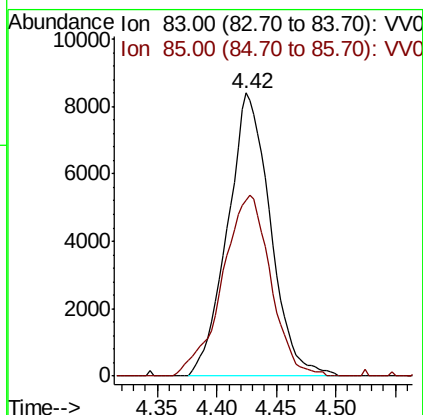
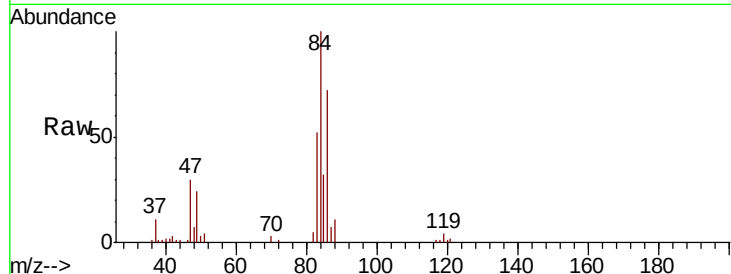




#25
Chloroform
Concen: 2.865 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010248.D
Acq: 11 Apr 2019 17:05

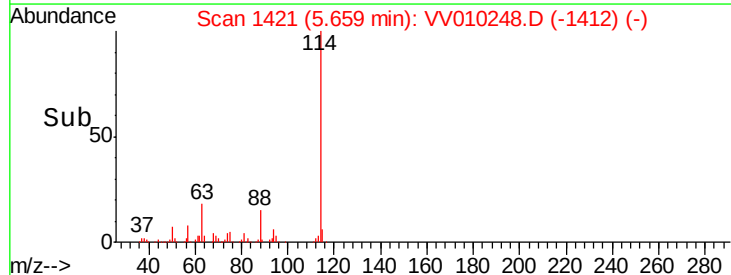
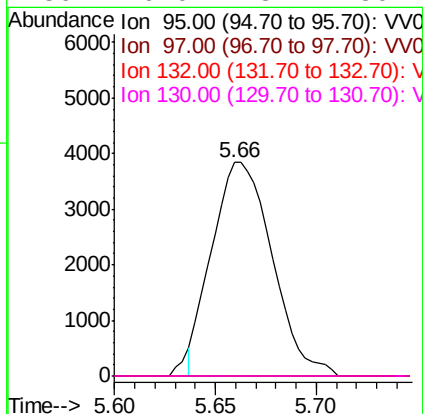
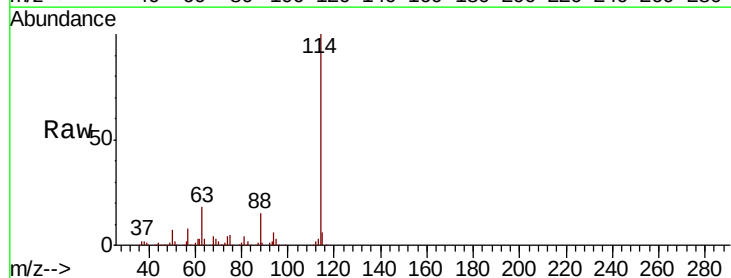
Instrument :
MSVOA_V
ClientSampleId :
BFC19

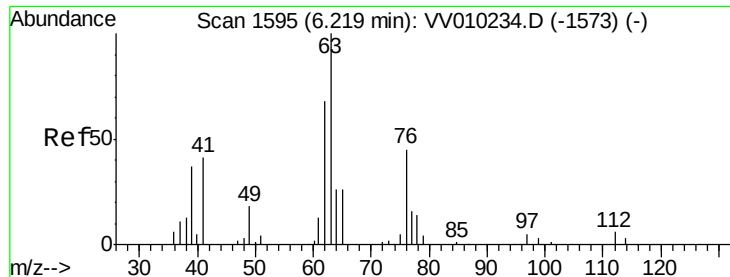
Tgt Ion: 83 Resp: 20950
Ion Ratio Lower Upper
83 100
85 72.0 45.4 84.2



#35
Trichloroethene
Concen: 2.358 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010248.D
Acq: 11 Apr 2019 17:05

Tgt Ion: 95 Resp: 8005
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 71.3 132.3#
130 0.0 73.4 136.4#





#40

1,2-Dichloropropane

Concen: 3.862 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010248.D

Acq: 11 Apr 2019 17:05

Instrument :

MSVOA_V

ClientSampled :

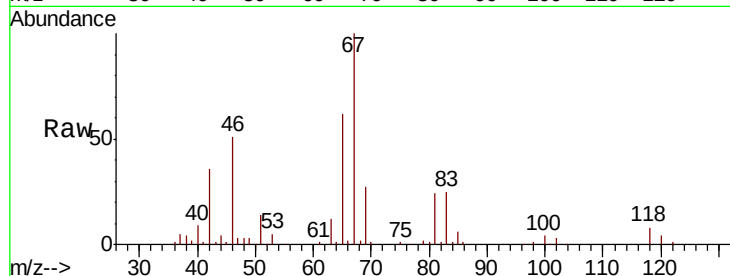
BFC19

Tgt Ion: 63 Resp: 11105

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VV010234.D (-1573) (-)

Ion 112.00 (111.70 to 112.70): VV010234.D (-1573) (-)

6.11

6000

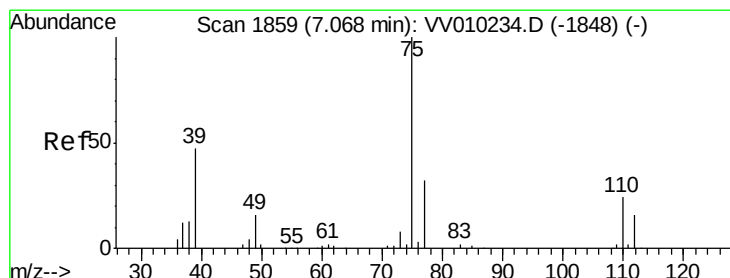
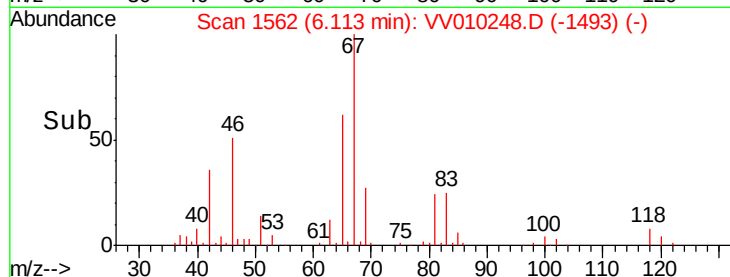
4000

2000

0

6.05 6.10 6.15

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV010248.D

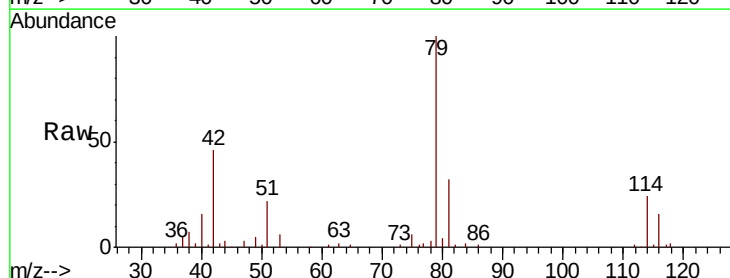
Acq: 11 Apr 2019 17:05

Tgt Ion: 75 Resp: 2590

Ion Ratio Lower Upper

75 100

77 38.8 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV010234.D (-1848) (-)

Ion 77.00 (76.70 to 77.70): VV010234.D (-1848) (-)

7.03

1500

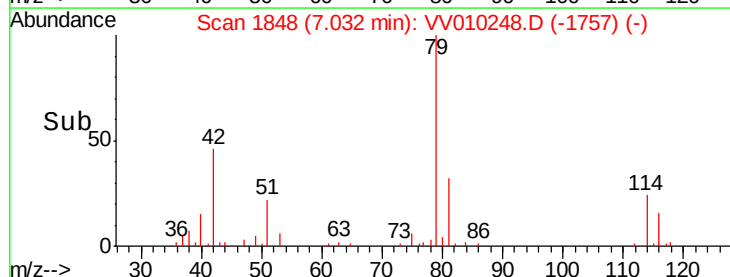
1000

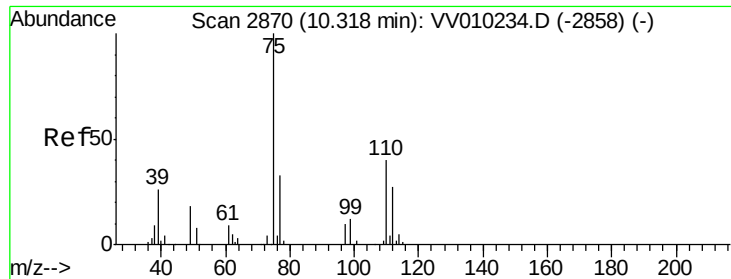
500

0

6.98 7.00 7.02 7.04 7.06

Time-->





#59
 1,2,3-Trichloropropane
 Concen: 2.674 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010248.D
 Acq: 11 Apr 2019 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC19

Tgt Ion: 75 Resp: 5933
 Ion Ratio Lower Upper
 75 100
 77 42.4 26.9 40.3#

