

Data File : VV010811.D
Acq On : 10 May 2019 13:17
Operator : SY/MD
Sample : K2693-02
Misc : 3.93G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH55

Quant Time: May 10 23:03:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	83161	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31330	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25692	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	1.58	69	25169	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
10) 1,1-Dichloroethene-d2	2.13	63	43094	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	3.94	46	14802	38.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.36%
24) Chloroform-d	4.40	84	52282	23.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.08	65	32157	22.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.84%
29) Benzene-d6	5.10	84	99914	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	6.12	67	33717	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.28%
37) Toluene-d8	7.36	98	90804	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	7.67	79	12305	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.68%
39) 2-Hexanone-d5	8.13	63	9809	35.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25926	21.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	28840	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

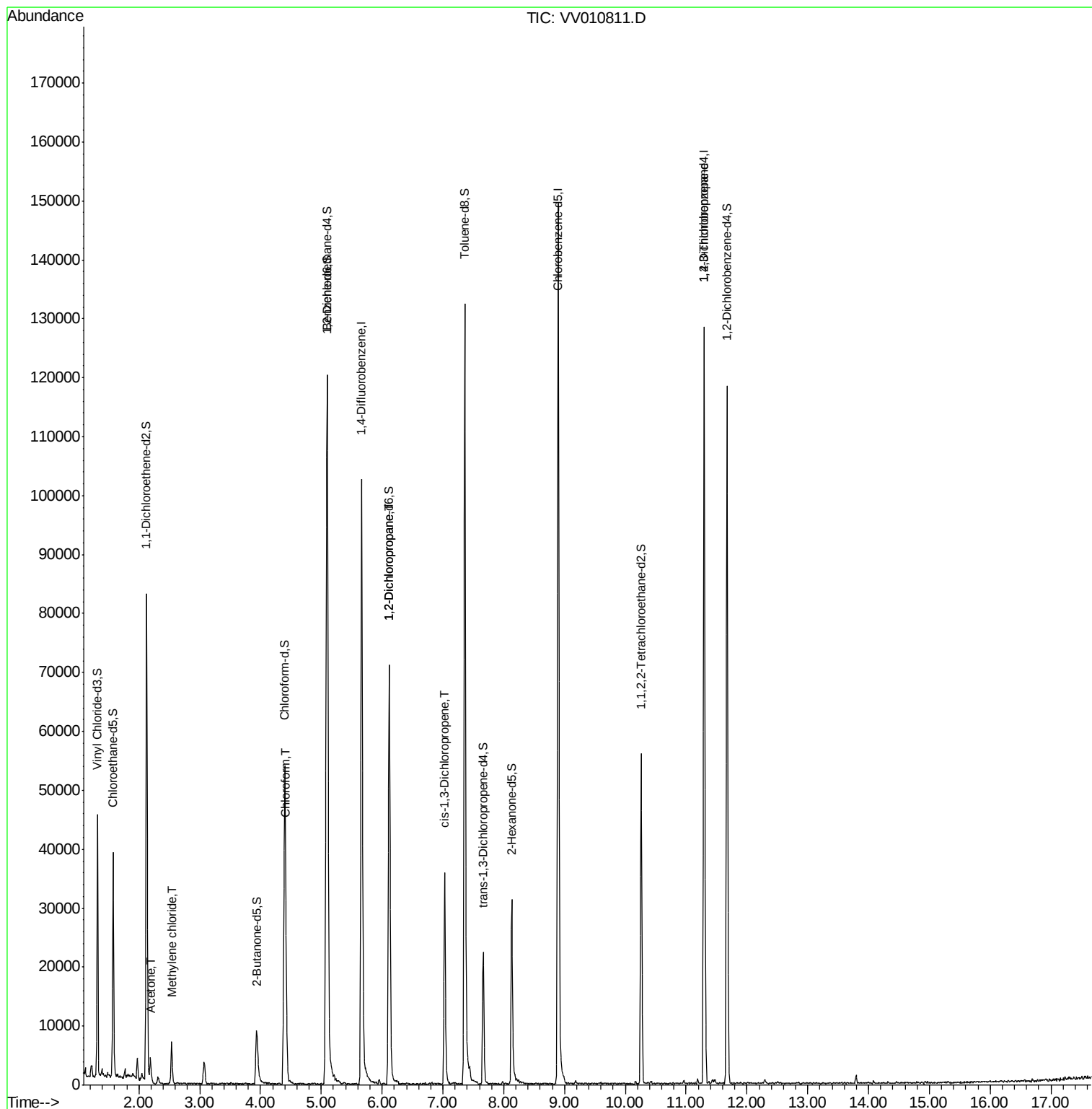
					Qvalue
13) Acetone	2.19	43	2404	4.006 ug/L	92
16) Methylene chloride	2.54	84	2913	2.265 ug/L	89
25) Chloroform	4.42	83	2411	0.958 ug/L	76
40) 1,2-Dichloropropane	6.12	63	4014	3.301 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1088	0.566 ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	4614	4.517 ug/L #	76

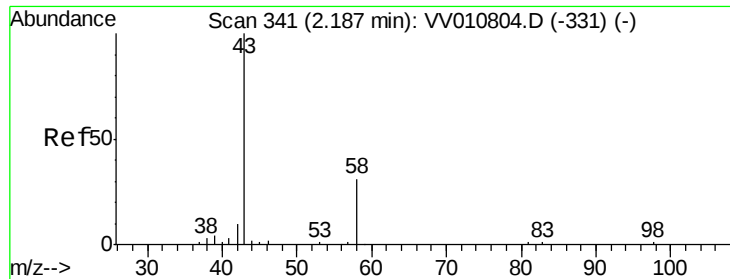
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.006 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010811.D

Acq: 10 May 2019 13:17

Instrument :

MSVOA_V

ClientSampled :

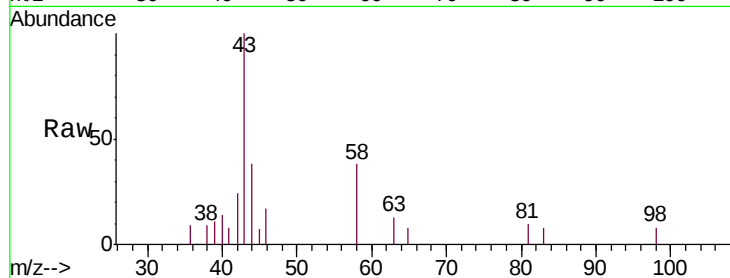
BFH55

Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

58 36.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010811.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV010811.D (-342) (-)

1500

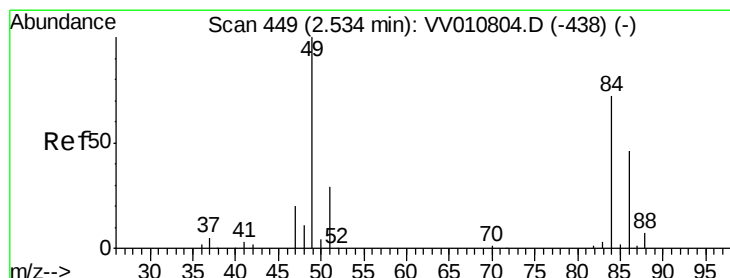
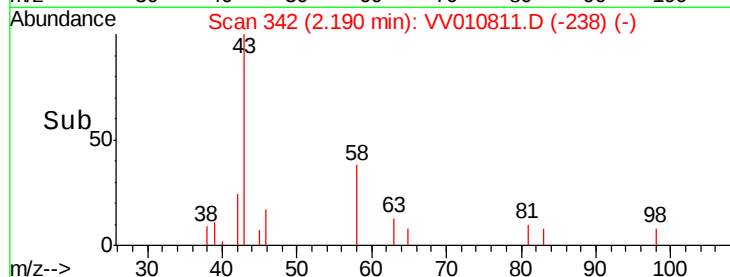
1000

500

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 2.265 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV010811.D

Acq: 10 May 2019 13:17

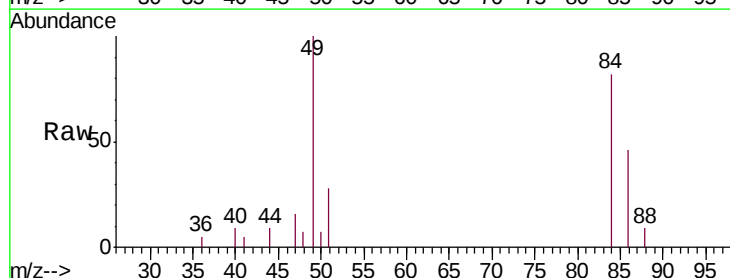
Tgt Ion: 84 Resp: 2913

Ion Ratio Lower Upper

84 100

49 121.3 92.9 172.5

86 55.7 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010811.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010811.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010811.D (-346) (-)

3000

2500

2000

1500

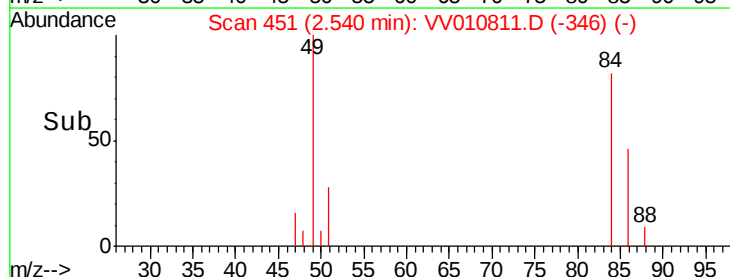
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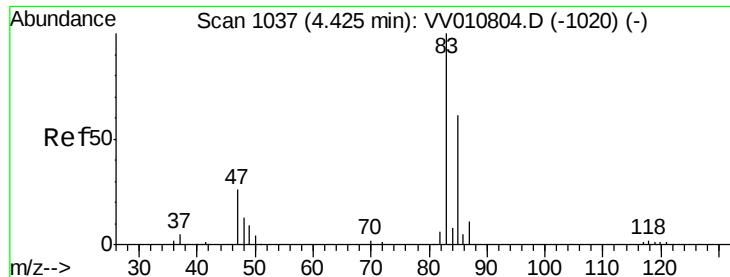
500

0

2.50 2.55

Time-->

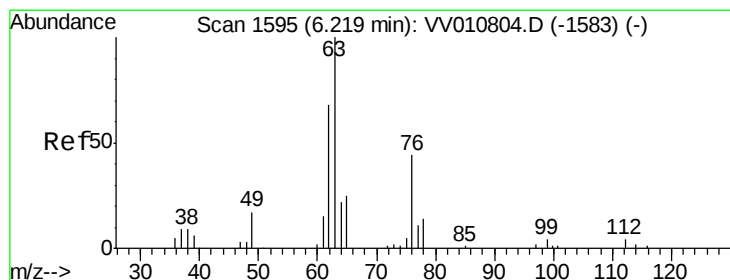
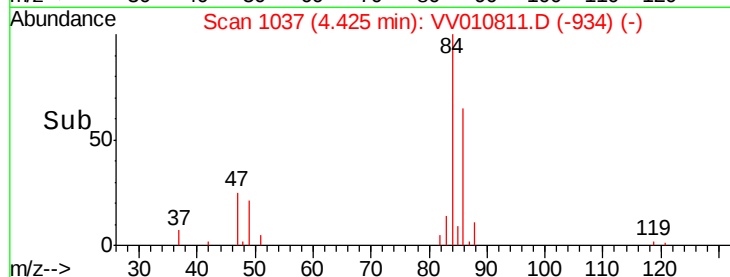
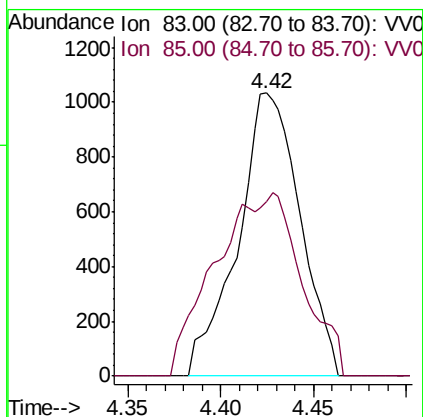
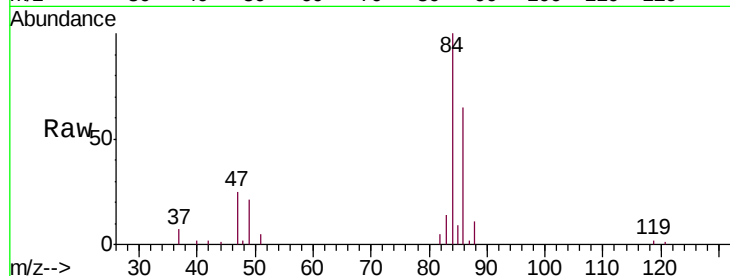




#25
Chloroform
Concen: 0.958 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010811.D
Acq: 10 May 2019 13:17

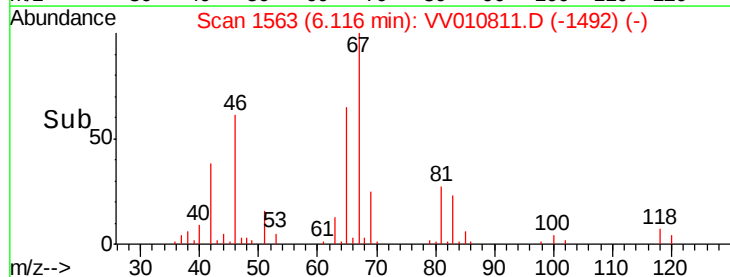
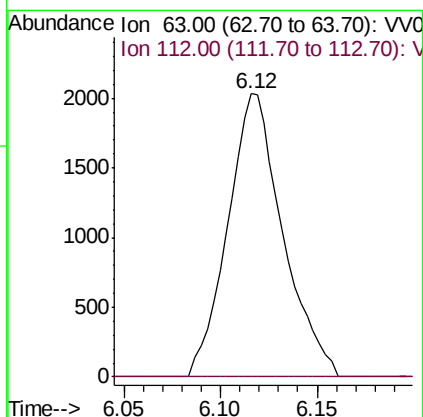
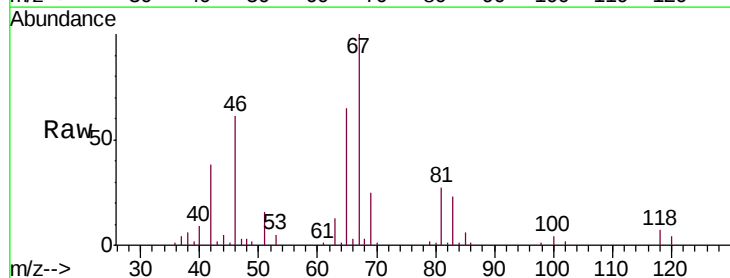
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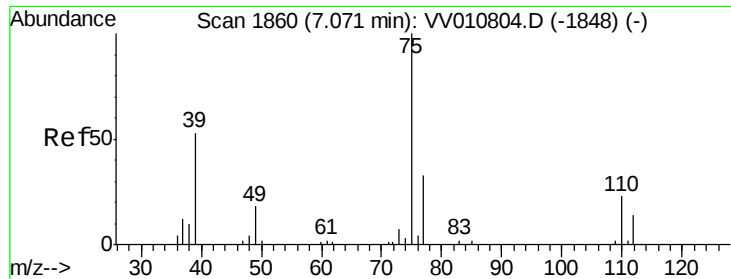
Tgt Ion: 83 Resp: 2411
Ion Ratio Lower Upper
83 100
85 45.3 44.6 82.8



#40
1,2-Dichloropropane
Concen: 3.301 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010811.D
Acq: 10 May 2019 13:17

Tgt Ion: 63 Resp: 4014
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



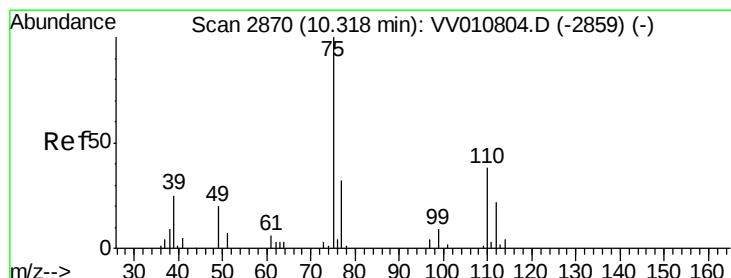
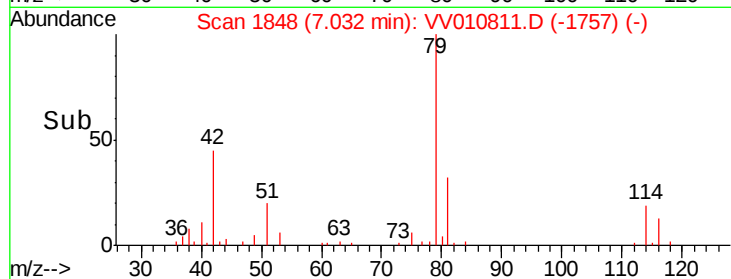
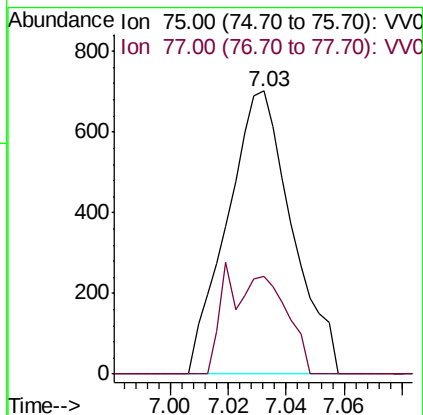
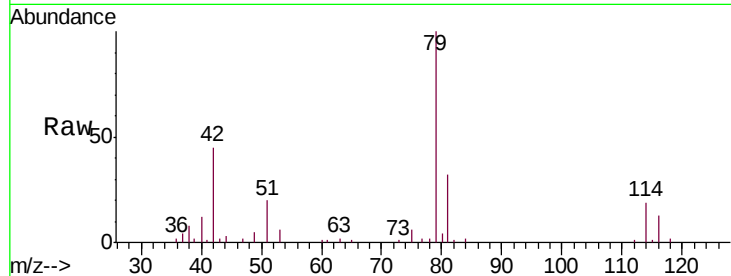


#42

cis-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010811.D
Acq: 10 May 2019 13:17

Instrument :
MSVOA_V
ClientSampleId :
BFH55

Tgt Ion: 75 Resp: 1088
Ion Ratio Lower Upper
75 100
77 34.6 22.3 41.3



#59

1,2,3-Trichloropropane
Concen: 4.517 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010811.D
Acq: 10 May 2019 13:17

Tgt Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
77 18.2 25.0 37.6#

