

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010134.D
 Acq On : 05 Apr 2019 16:38
 Operator : SY/MD
 Sample : K2168-08
 Misc : 5.48G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF673

Quant Time: Apr 05 23:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	220529	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	217911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49502	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	1.57	69	53734	14.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.60%
10) 1,1-Dichloroethene-d2	2.12	63	96848	13.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.00%
20) 2-Butanone-d5	3.93	46	8242	9.81	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.62%#
24) Chloroform-d	4.40	84	153573	27.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	5.08	65	109740	35.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.20%#
29) Benzene-d6	5.10	84	309495	27.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.56%
33) 1,2-Dichloropropane-d6	6.12	67	106368	31.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.56%#
37) Toluene-d8	7.36	98	278143	25.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.20%
38) trans-1,3-Dichloropropene-	7.66	79	36239	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.68%
39) 2-Hexanone-d5	8.13	63	7795	11.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	91110	27.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	88098	28.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.44%

Target Compounds

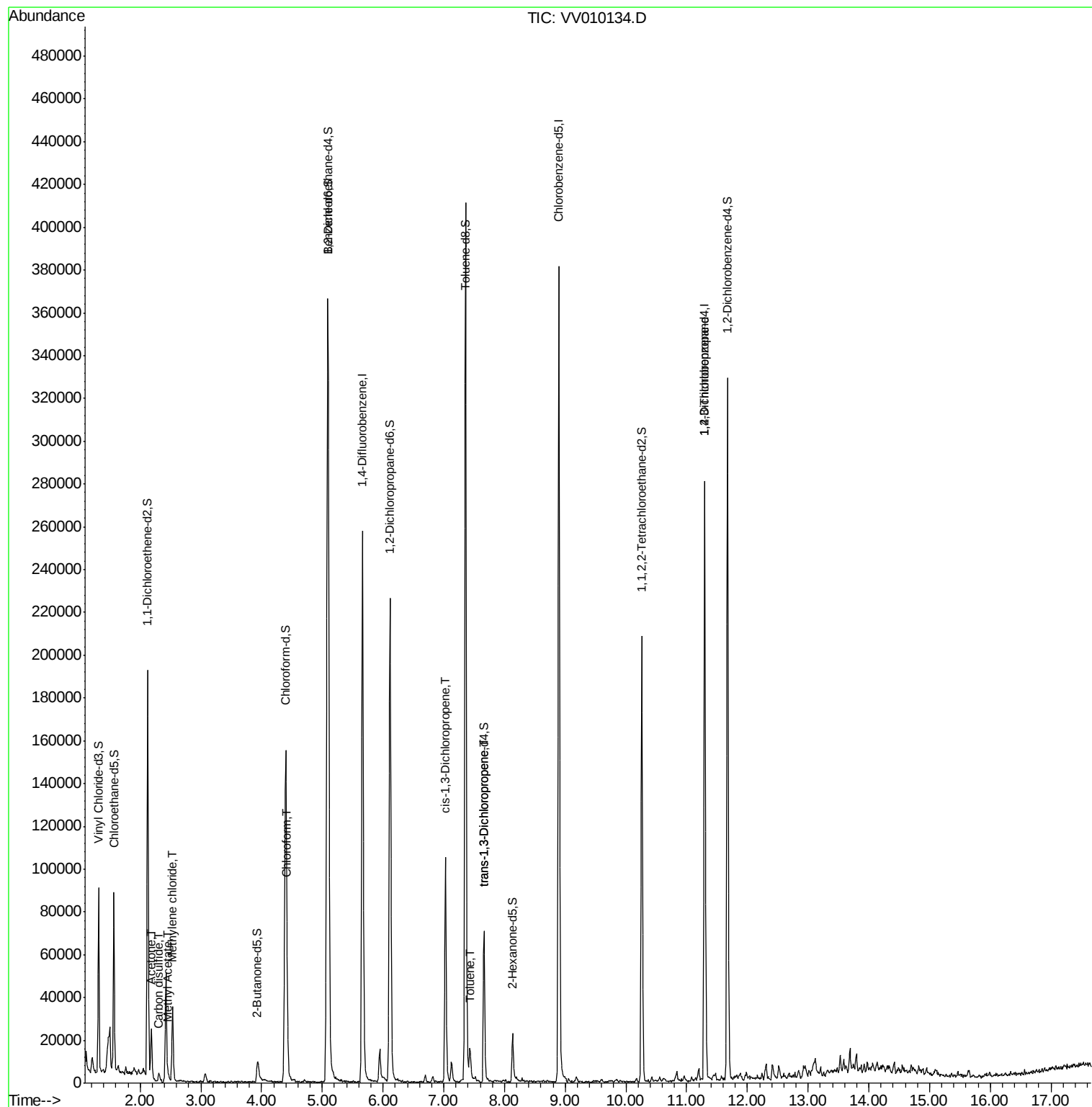
					Qvalue
13) Acetone	2.18	43	22101	26.609 ug/L	96
14) Carbon disulfide	2.32	76	2189	0.350 ug/L #	89
15) Methyl Acetate	2.46	43	3103	2.335 ug/L #	79
16) Methylene chloride	2.53	84	14235	3.674 ug/L	95
25) Chloroform	4.43	83	5901	1.177 ug/L #	48
42) cis-1,3-Dichloropropene	7.03	75	3173	0.814 ug/L	94
44) Toluene	7.43	91	9912	0.829 ug/L	86
45) trans-1,3-Dichloropropene	7.66	75	1832	0.553 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	9516	4.328 ug/L	92

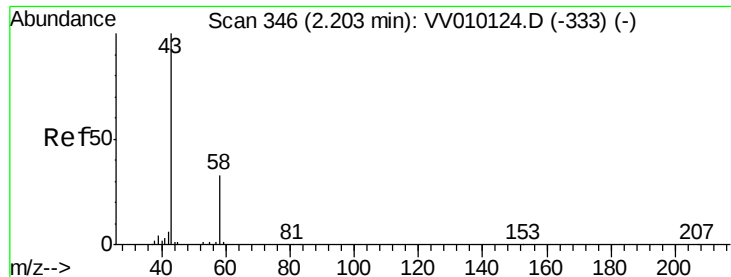
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.609 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV010134.D

Acq: 05 Apr 2019 16:38

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MSVOA_V

ClientSampleId :

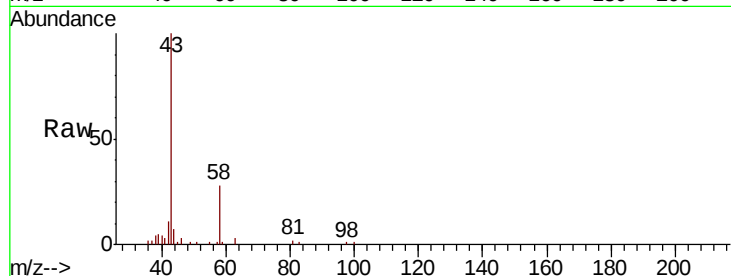
BF673

Tgt Ion: 43 Resp: 22101

Ion Ratio Lower Upper

43 100

58 30.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010134.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010134.D (-333) (-)

15000

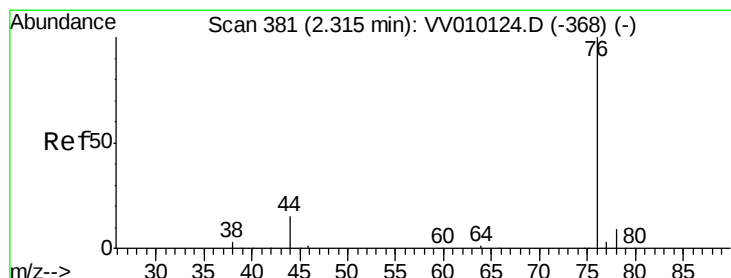
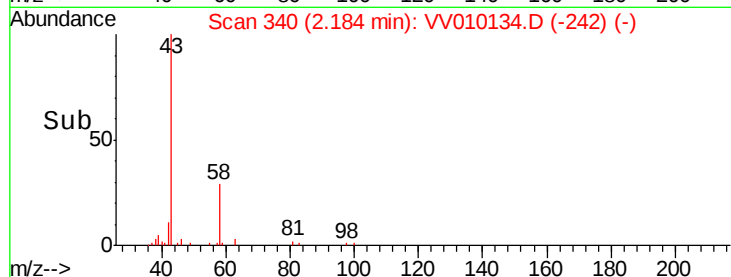
10000

5000

0

2.10 2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 0.350 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010134.D

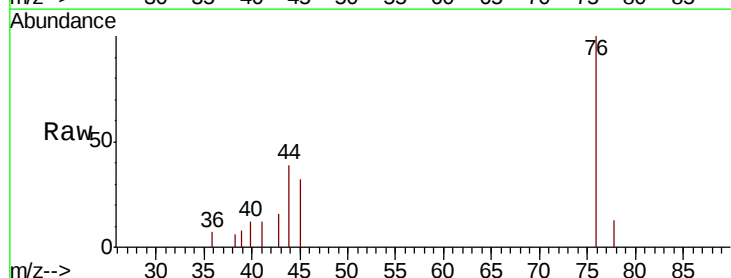
Acq: 05 Apr 2019 16:38

Tgt Ion: 76 Resp: 2189

Ion Ratio Lower Upper

76 100

78 13.0 7.1 10.7#



Abundance Ion 76.00 (75.70 to 76.70): VV010134.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV010134.D (-368) (-)

1500

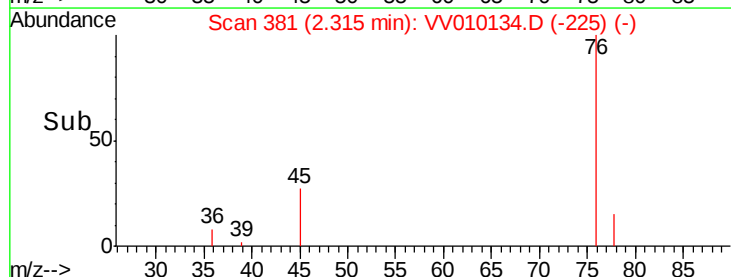
1000

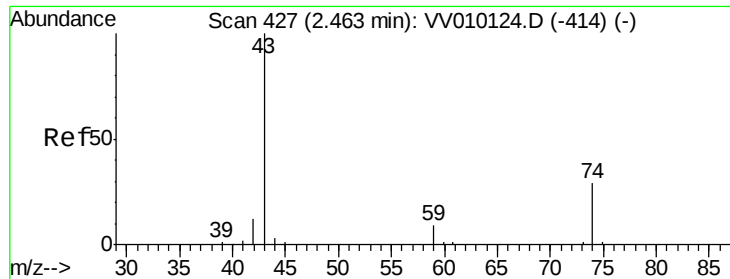
500

0

2.28 2.30 2.32 2.34

Time-->

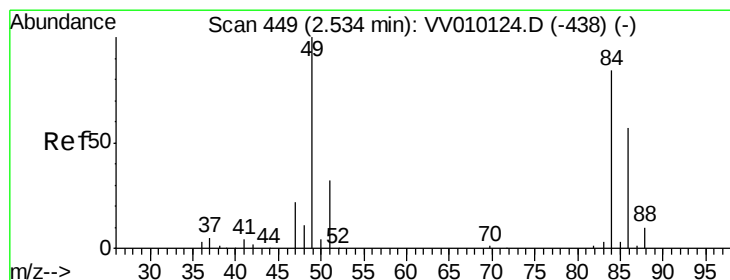
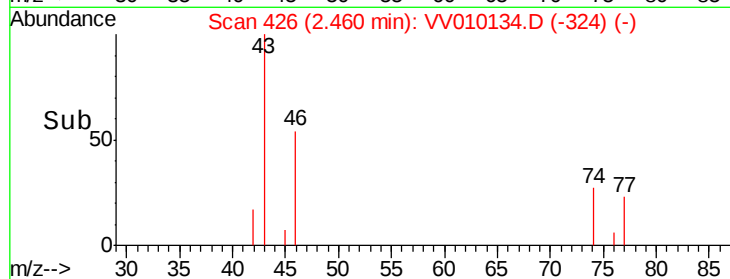
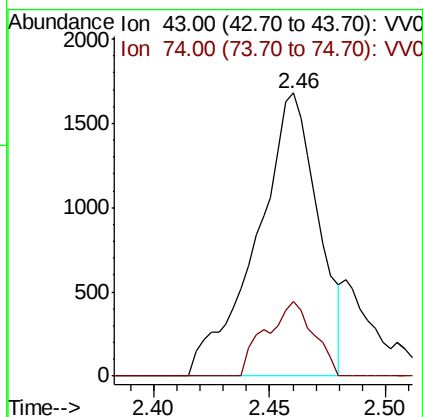
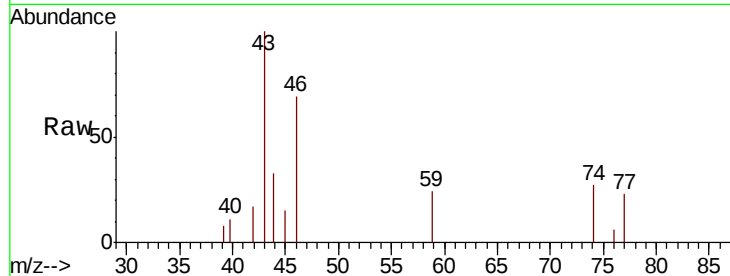




#15
Methyl Acetate
Concen: 2.335 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VV010134.D
Acq: 05 Apr 2019 16:38

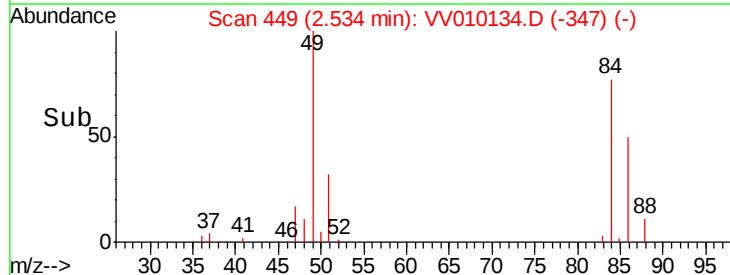
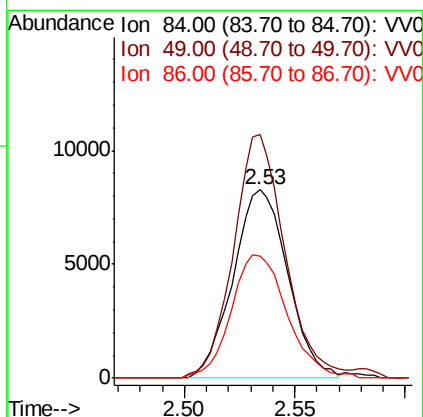
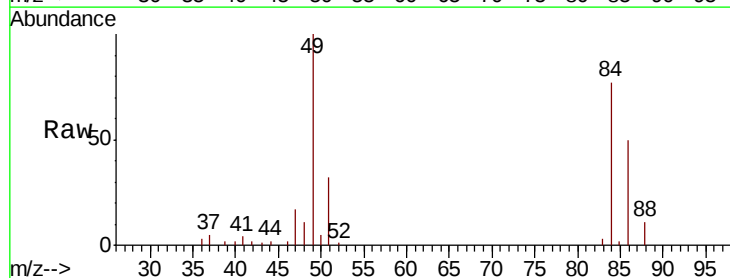
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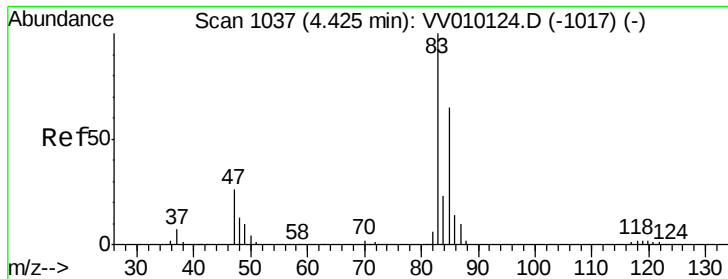
Tgt Ion: 43 Resp: 3103
Ion Ratio Lower Upper
43 100
74 14.7 20.0 30.0#



#16
Methylene chloride
Concen: 3.674 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010134.D
Acq: 05 Apr 2019 16:38

Tgt Ion: 84 Resp: 14235
Ion Ratio Lower Upper
84 100
49 129.4 84.3 156.5
86 65.0 45.4 84.2

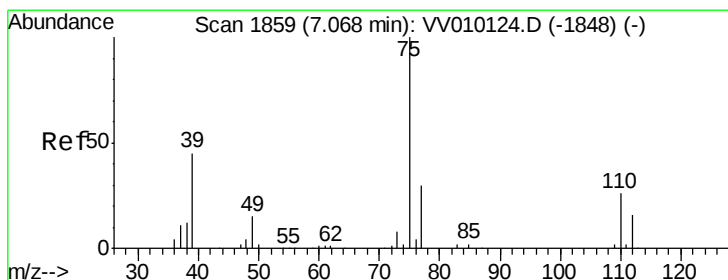
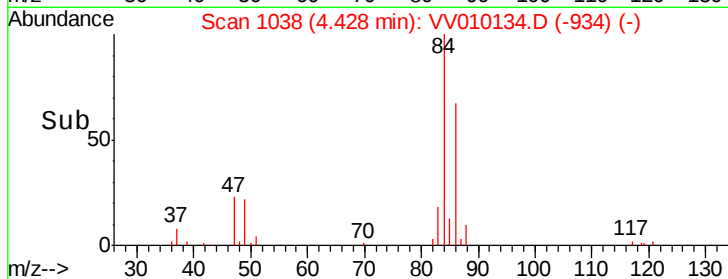
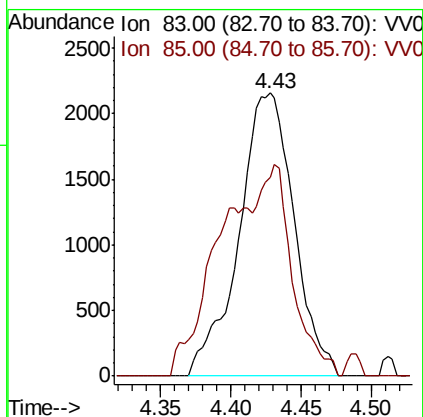
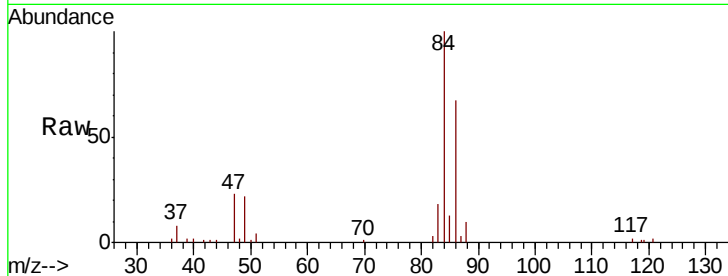




#25
Chloroform
Concen: 1.177 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010134.D
Acq: 05 Apr 2019 16:38

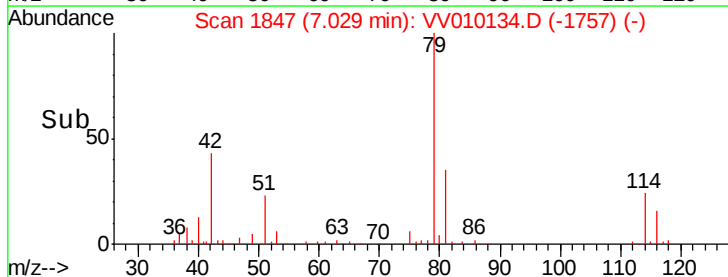
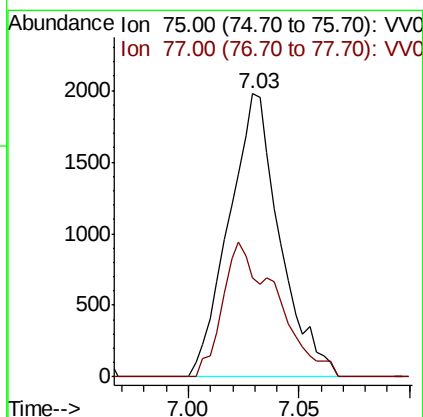
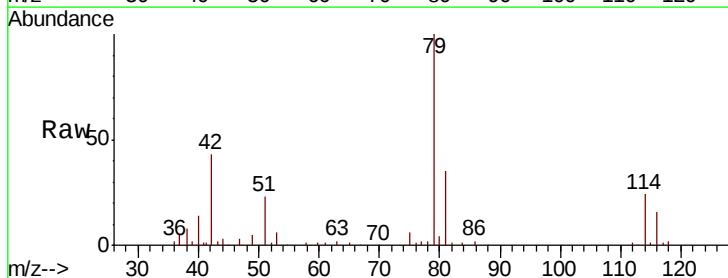
Instrument :
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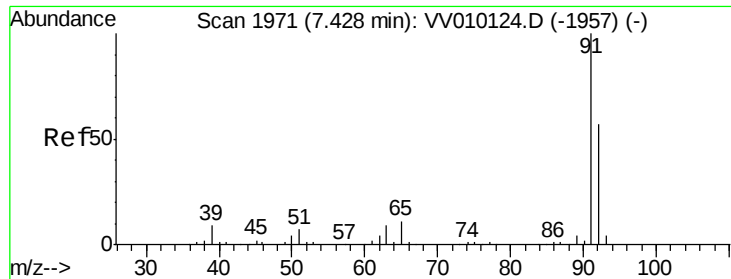
Tgt Ion: 83 Resp: 5901
Ion Ratio Lower Upper
83 100
85 24.7 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.814 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010134.D
Acq: 05 Apr 2019 16:38

Tgt Ion: 75 Resp: 3173
Ion Ratio Lower Upper
75 100
77 35.0 22.1 41.1





#44

Toluene

Concen: 0.829 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010134.D

Acq: 05 Apr 2019 16:38

Instrument :

MSVOA_V

ClientSampleId :

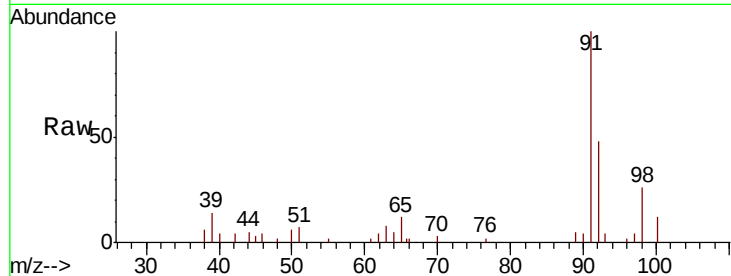
BF673

Tgt Ion: 91 Resp: 9912

Ion Ratio Lower Upper

91 100

92 47.8 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

6000

5000

4000

3000

2000

1000

0

7.35

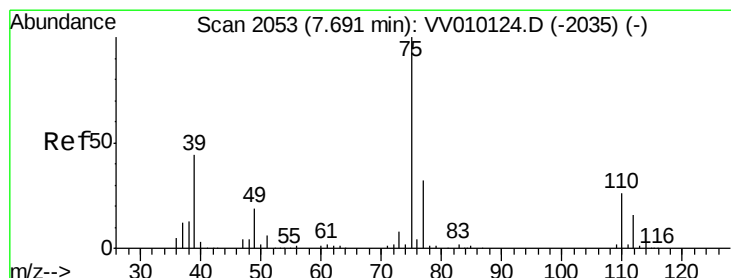
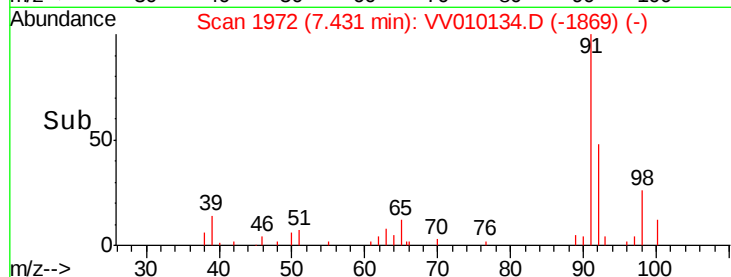
7.40

7.43

7.45

7.50

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV010134.D

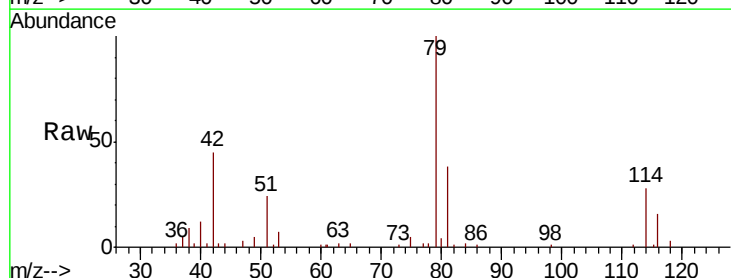
Acq: 05 Apr 2019 16:38

Tgt Ion: 75 Resp: 1832

Ion Ratio Lower Upper

75 100

77 38.1 23.5 43.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

1200

1000

800

600

400

200

0

7.62

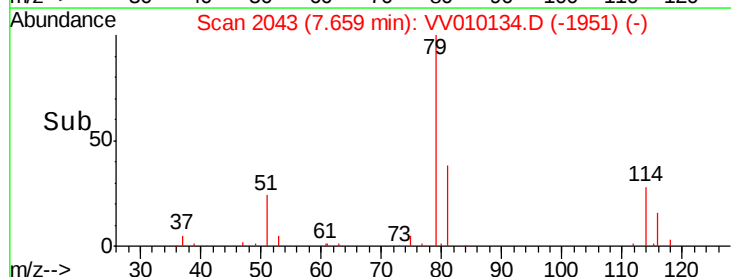
7.64

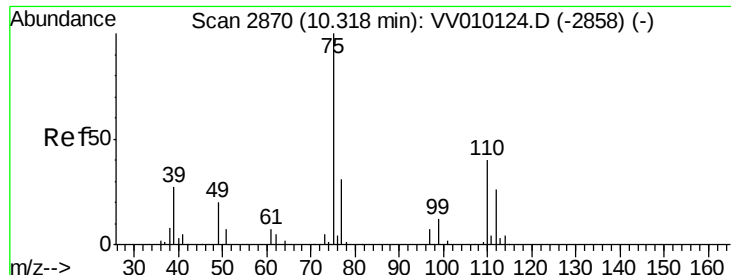
7.66

7.68

7.70

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.328 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010134.D

Acq: 05 Apr 2019 16:38

Instrument :

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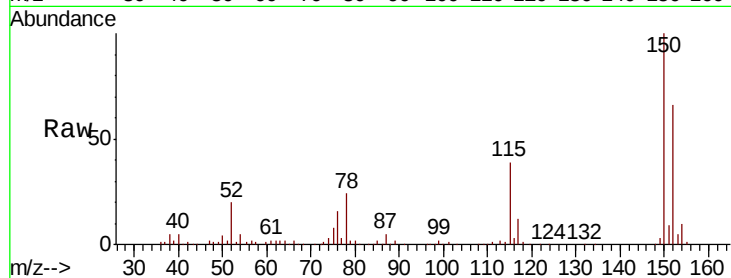
BF673

Tgt Ion: 75 Resp: 9516

Ion Ratio Lower Upper

75 100

77 37.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

