

Data File : VV010440.D
Acq On : 23 Apr 2019 06:50
Operator : SY/MD
Sample : K2481-04
Misc : 5.09G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHT9

Quant Time: Apr 23 07:59:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	71397	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	68733	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26996	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7019	7.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	28.56%#
7) Chloroethane-d5	1.58	69	10544	13.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.12%
10) 1,1-Dichloroethene-d2	2.12	63	16414	8.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	35.76%#
20) 2-Butanone-d5	4.19	46	174	0.76	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.52%#
24) Chloroform-d	4.40	84	40422	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.08	65	28414	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.20%
29) Benzene-d6	5.10	84	67580	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	6.11	67	25607	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.44%
37) Toluene-d8	7.36	98	60504	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.04%
38) trans-1,3-Dichloropropene-	7.67	79	8359	18.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.52%
39) 2-Hexanone-d5	8.14	63	6500	34.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24425	26.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	24917	24.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.16%

Target Compounds

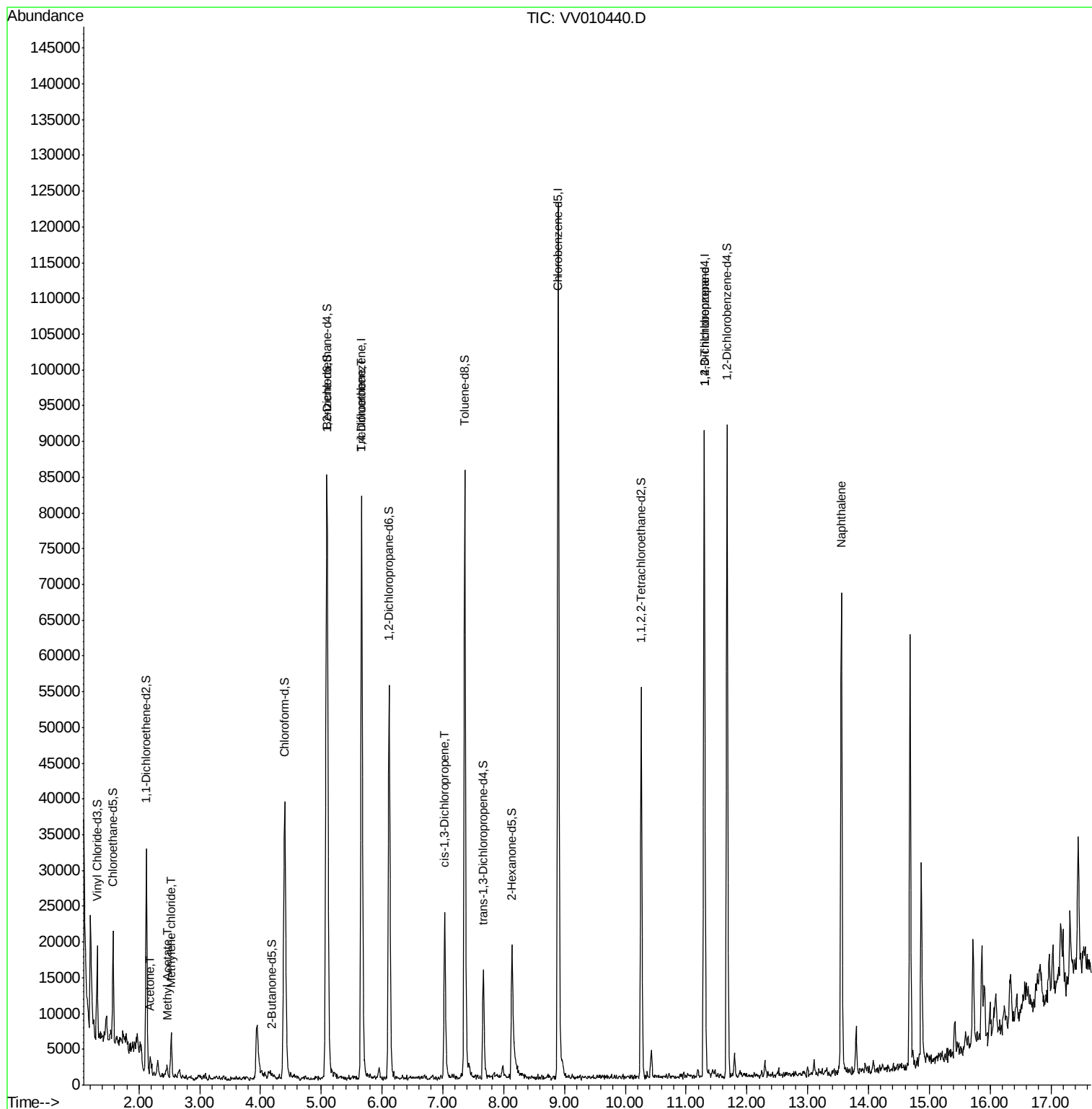
						Qvalue
13) Acetone	2.19	43	2746	11.139	ug/L	93
15) Methyl Acetate	2.46	43	1446	3.941	ug/L #	89
16) Methylene chloride	2.53	84	2336	2.231	ug/L #	74
35) Trichloroethene	5.66	95	2595	2.817	ug/L #	4
42) cis-1,3-Dichloropropene	7.03	75	801	0.649	ug/L	92
59) 1,2,3-Trichloropropane	11.29	75	2805	4.358	ug/L #	83
69) Naphthalene	13.55	128	54103	35.370	ug/L	99

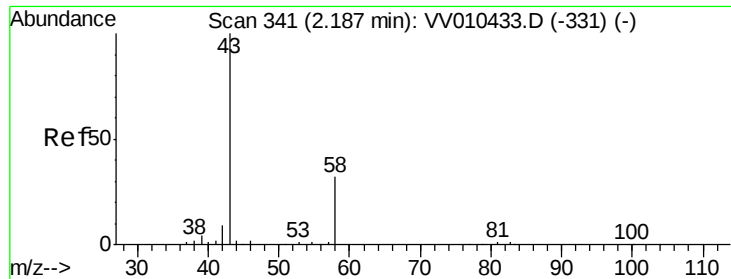
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.139 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010440.D

Acq: 23 Apr 2019 06:50

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MSVOA_V

ClientSampleId :

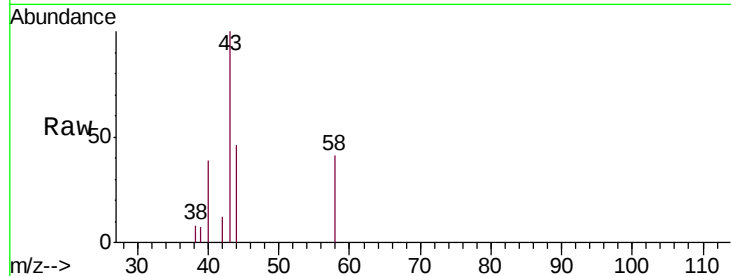
GAHT9

Tgt Ion: 43 Resp: 2746

Ion Ratio Lower Upper

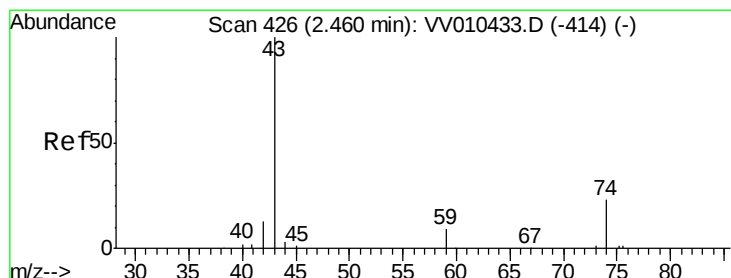
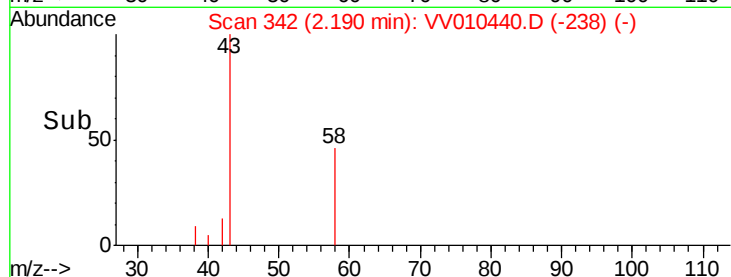
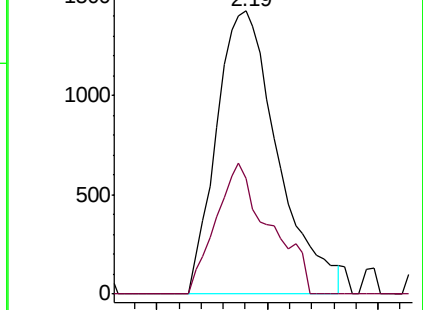
43 100

58 37.3 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV010433.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010433.D (-331) (-)



#15

Methyl Acetate

Concen: 3.941 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV010440.D

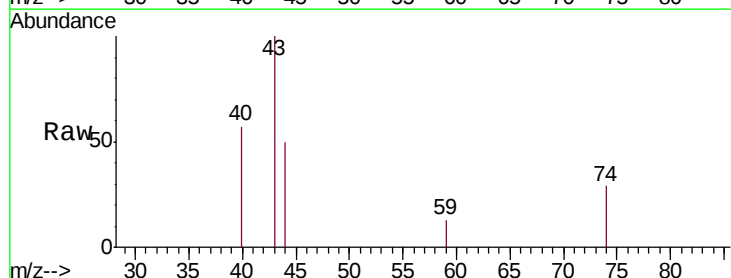
Acq: 23 Apr 2019 06:50

Tgt Ion: 43 Resp: 1446

Ion Ratio Lower Upper

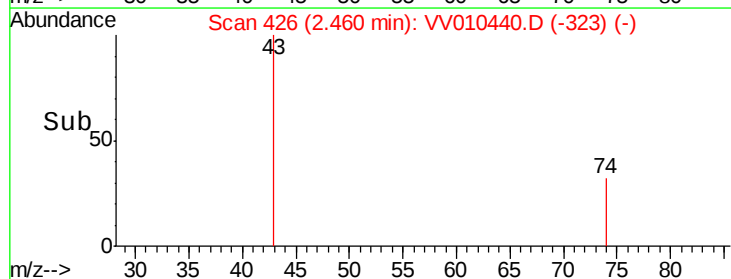
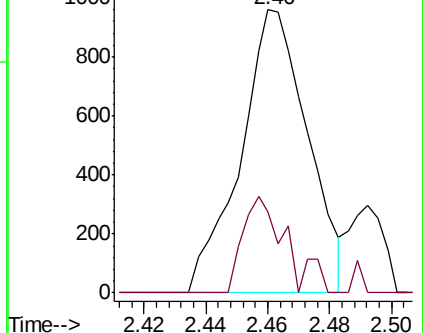
43 100

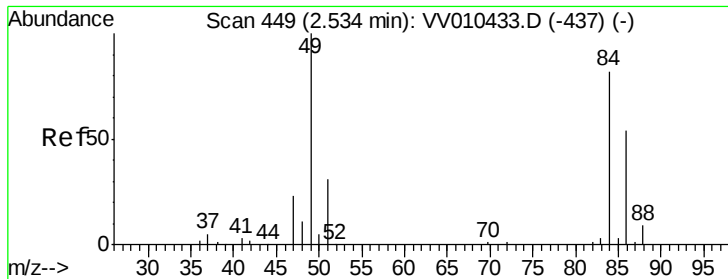
74 19.0 19.8 29.6#



Abundance Ion 43.00 (42.70 to 43.70): VV010433.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV010433.D (-414) (-)

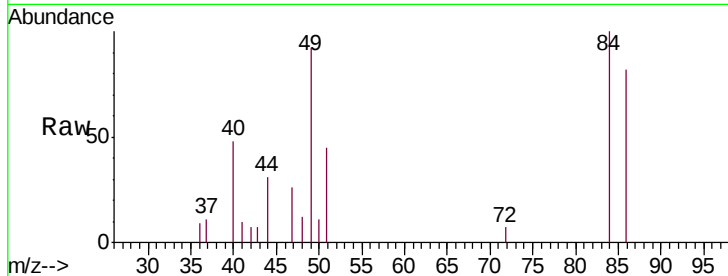




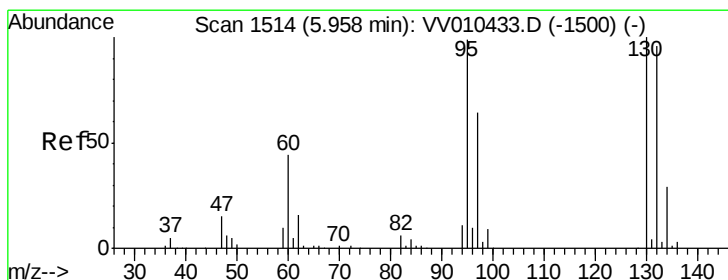
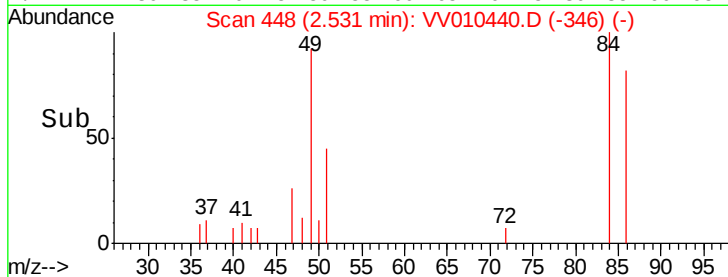
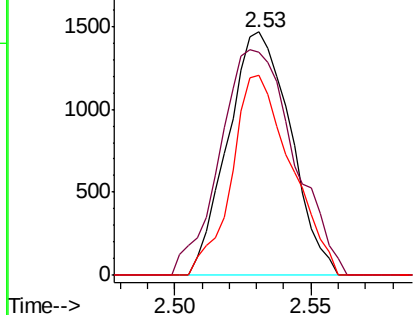
#16
Methylene chloride
Concen: 2.231 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010440.D
Acq: 23 Apr 2019 06:50

Instrument :
MSVOA_V
ClientSampleId :
GAHT9

Tgt Ion: 84 Resp: 2336
Ion Ratio Lower Upper
84 100
49 91.5 85.0 158.0
86 82.2 43.9 81.5#

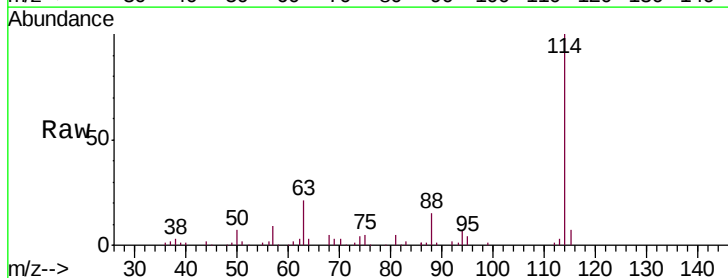


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

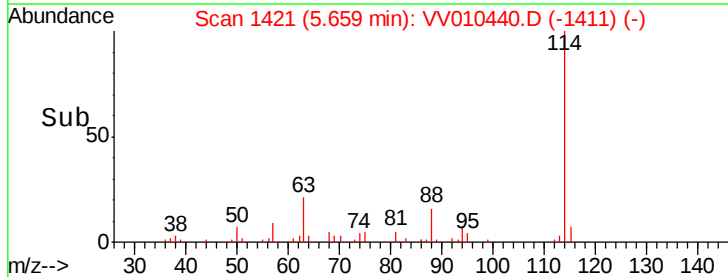
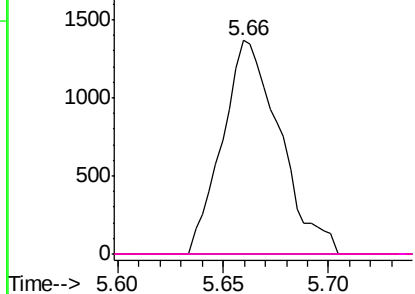


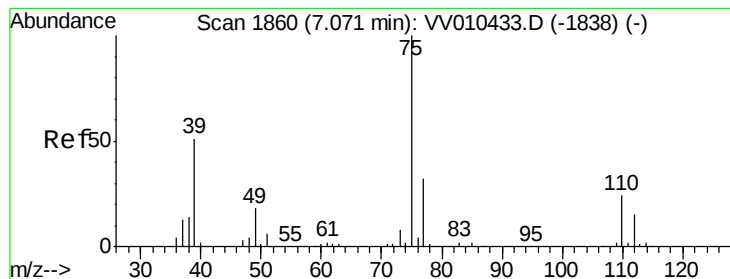
#35
Trichloroethene
Concen: 2.817 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010440.D
Acq: 23 Apr 2019 06:50

Tgt Ion: 95 Resp: 2595
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 69.0 128.1#
130 0.0 71.5 132.7#



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0



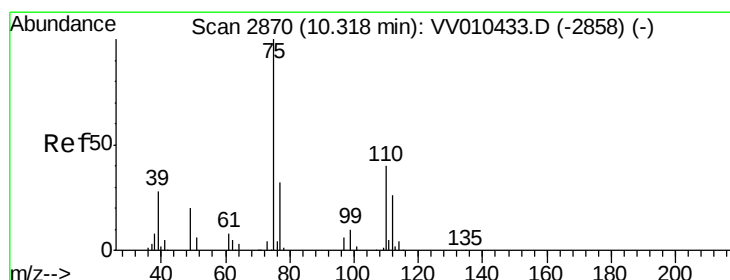
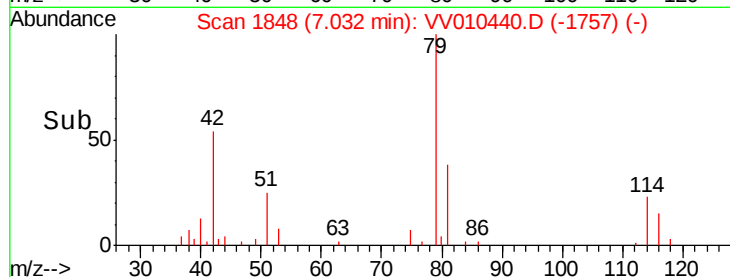
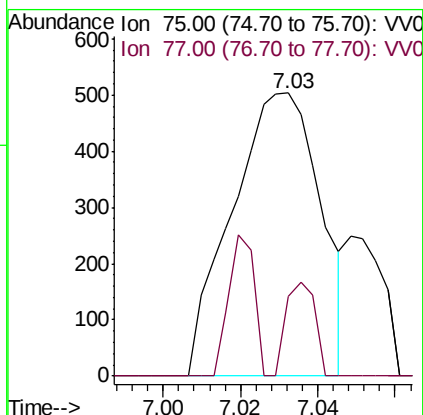
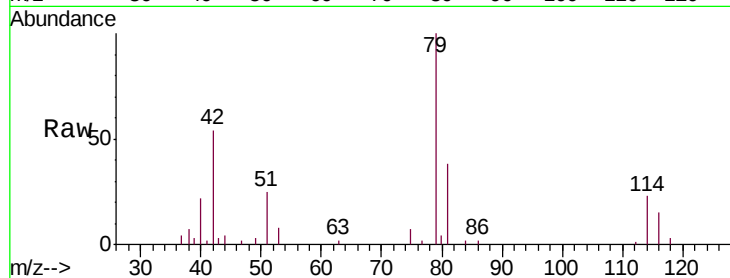


#42

cis-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010440.D
Acq: 23 Apr 2019 06:50

Instrument :
MSVOA_V
ClientSampled :
GAHT9

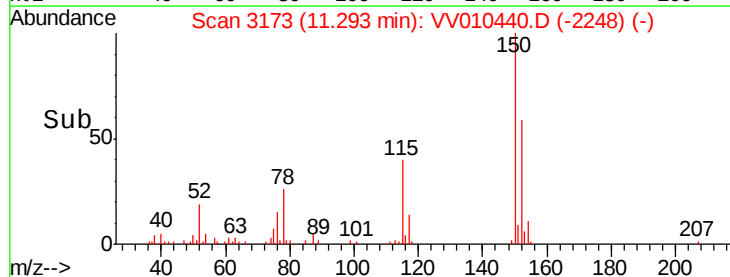
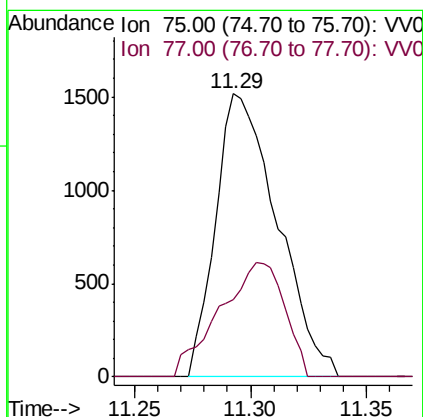
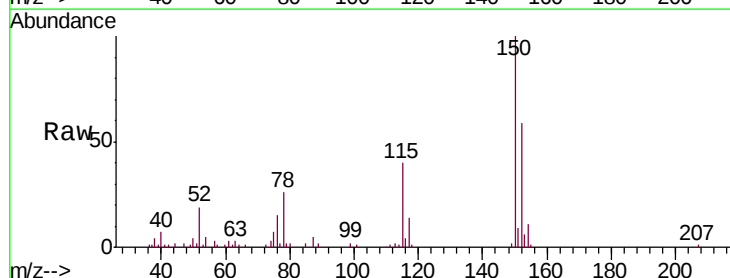
Tgt Ion: 75 Resp: 801
Ion Ratio Lower Upper
75 100
77 28.2 22.9 42.5

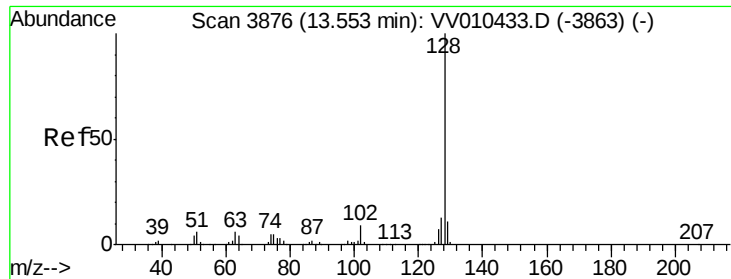


#59

1,2,3-Trichloropropane
Concen: 4.358 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010440.D
Acq: 23 Apr 2019 06:50

Tgt Ion: 75 Resp: 2805
Ion Ratio Lower Upper
75 100
77 42.5 26.2 39.2#





#69

Naphthalene

Concen: 35.370 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010440.D

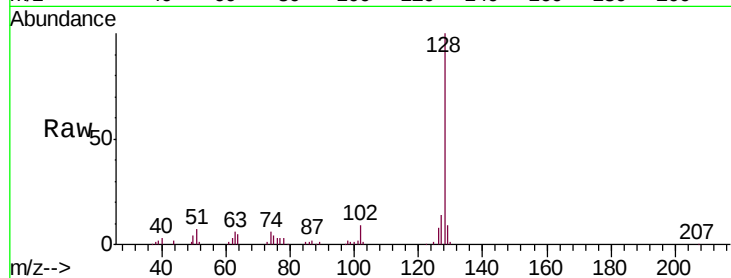
Acq: 23 Apr 2019 06:50

Instrument :

MSVOA_V

ClientSampleId :

GAHT9



Tgt Ion:128 Resp: 54103

Ion Ratio Lower Upper

128 100

129 10.0 8.4 12.6

127 13.3 10.2 15.2

