

Data File : VV010754.D
Acq On : 09 May 2019 06:43
Operator : SY/MD
Sample : K2693-04
Misc : 5.74G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHD1

Quant Time: May 09 08:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5811	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	5958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1370	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1272	14.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.36%
7) Chloroethane-d5	1.58	69	1831	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
10) 1,1-Dichloroethene-d2	2.13	63	2238	11.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.72%
20) 2-Butanone-d5	3.94	46	242	8.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.86%#
24) Chloroform-d	4.40	84	5253	33.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.64%
26) 1,2-Dichloroethane-d4	5.08	65	3855	38.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	155.84%#
29) Benzene-d6	5.10	84	8926	28.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.84%
33) 1,2-Dichloropropane-d6	6.12	67	3520	35.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	140.92%#
37) Toluene-d8	7.36	98	6916	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	7.67	79	955	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	8.14	63	420	20.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2569	27.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	1489	28.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.24%

Target Compounds

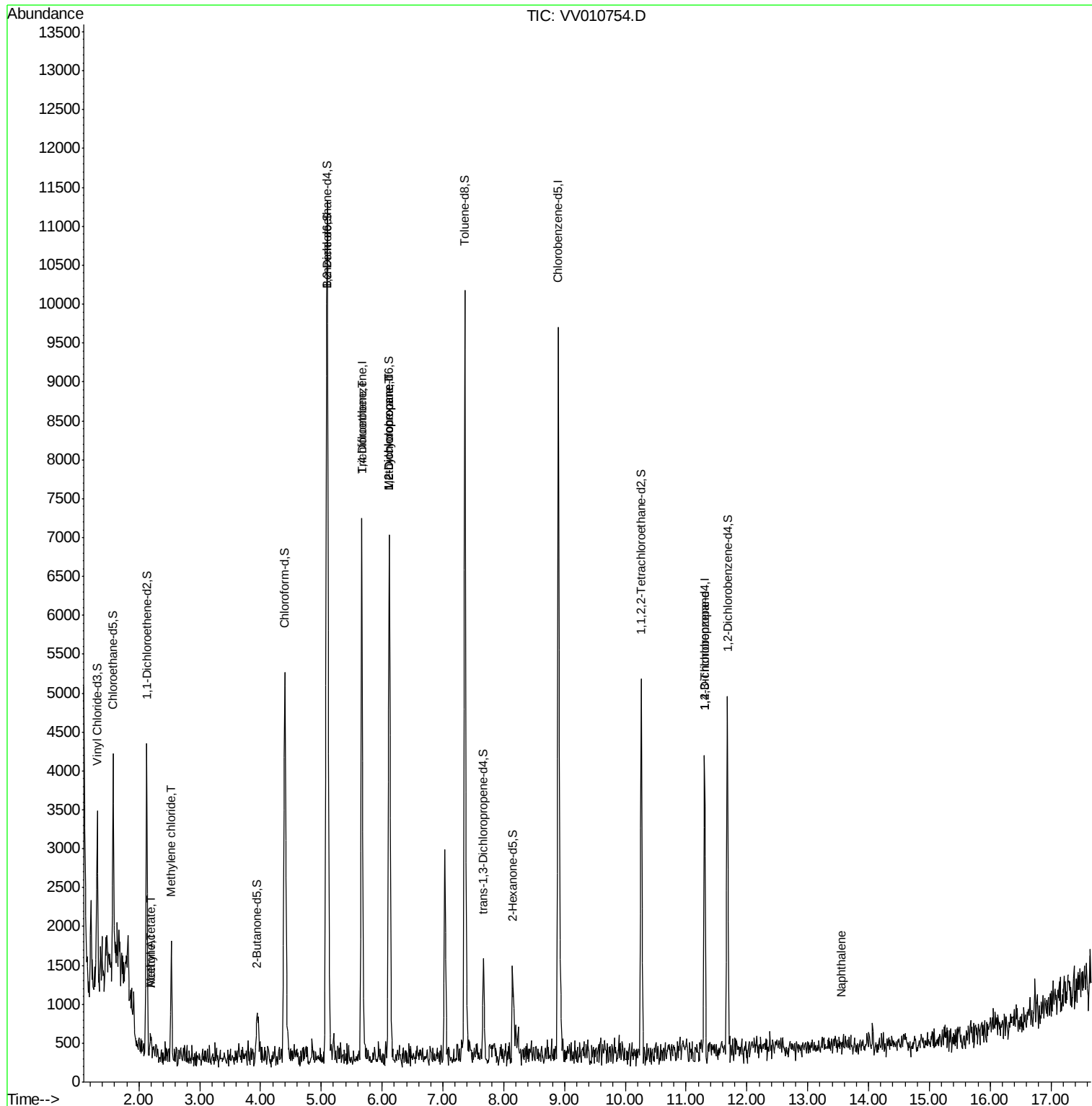
						Qvalue
13) Acetone	2.18	43	78	1.860	ug/L #	43
15) Methyl Acetate	2.20	43	199	3.972	ug/L #	55
16) Methylene chloride	2.53	84	520	5.787	ug/L	98
35) Trichloroethene	5.67	95	163	1.664	ug/L #	7
36) Methylcyclohexane	6.13	83	873	5.560	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	266	2.859	ug/L #	87
59) 1,2,3-Trichloropropane	11.31	75	68	0.870	ug/L #	43
69) Naphthalene	13.56	128	84	0.738	ug/L #	69

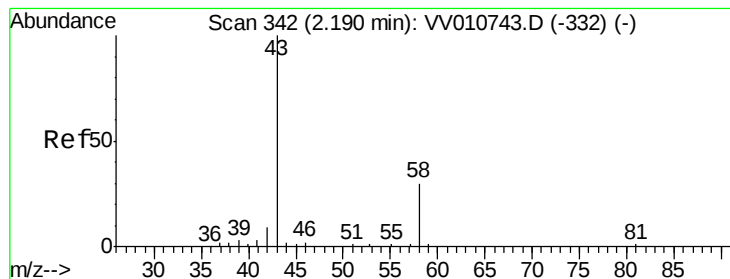
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.860 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Acq: 09 May 2019 06:43

Instrument :

MSVOA_V

ClientSampled :

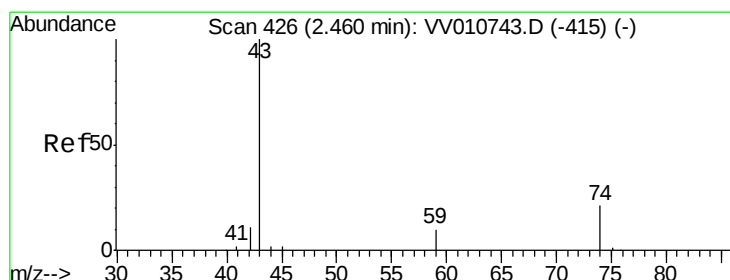
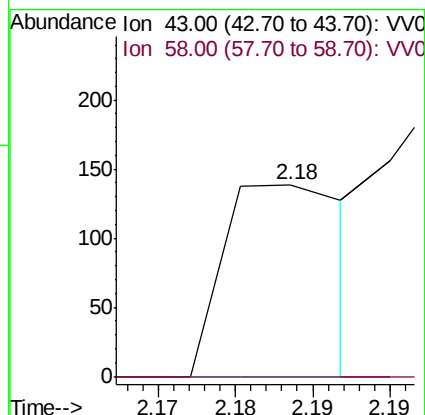
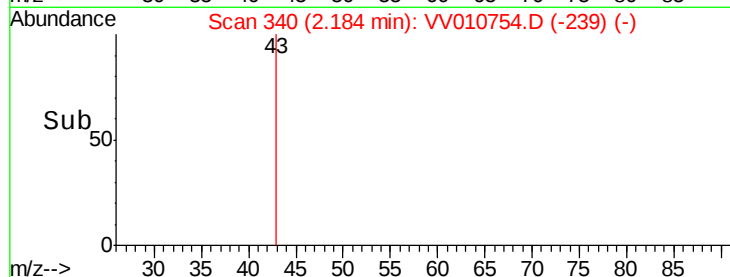
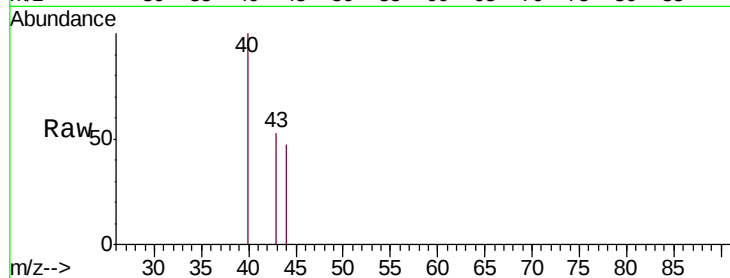
BFHD1

Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



#15

Methyl Acetate

Concen: 3.972 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.26 min

Lab File: VV010754.D

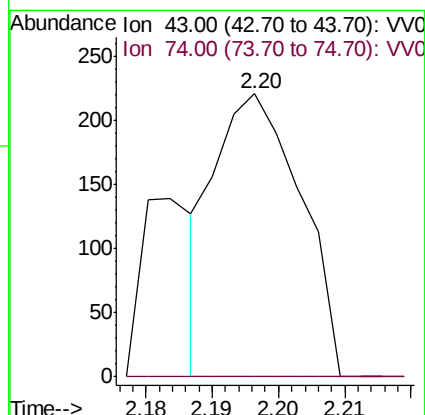
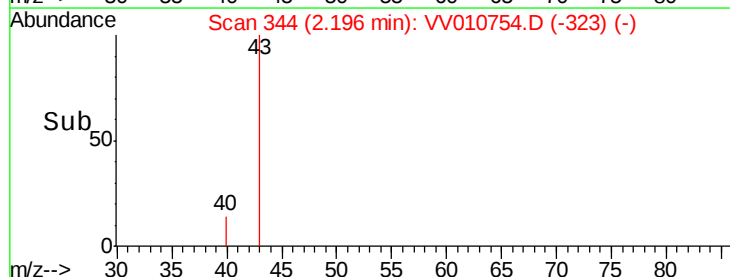
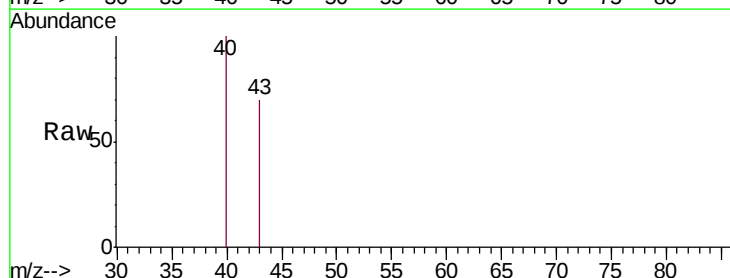
Acq: 09 May 2019 06:43

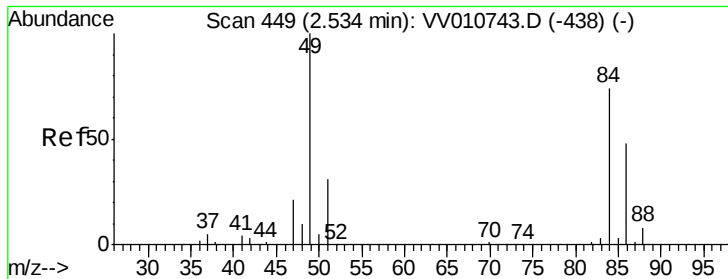
Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#

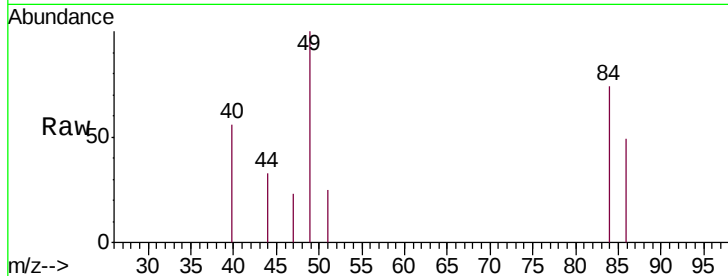




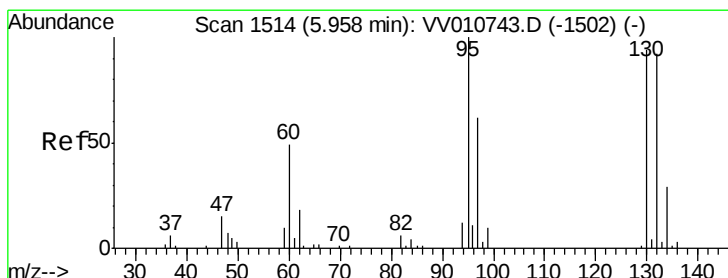
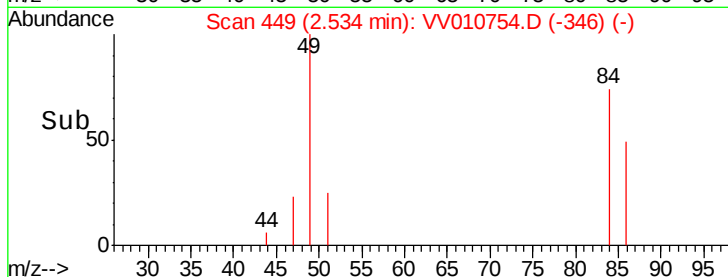
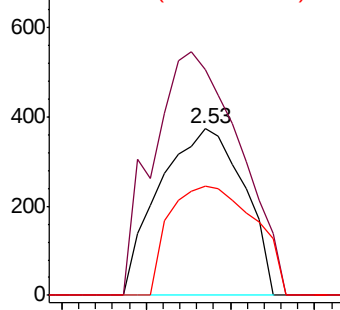
#16
Methylene chloride
Concen: 5.787 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010754.D
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Instrument :
MSVOA_V
ClientSampleId :
BFHD1

Tgt Ion: 84 Resp: 520
Ion Ratio Lower Upper
84 100
49 135.4 92.9 172.5
86 66.0 46.5 86.5

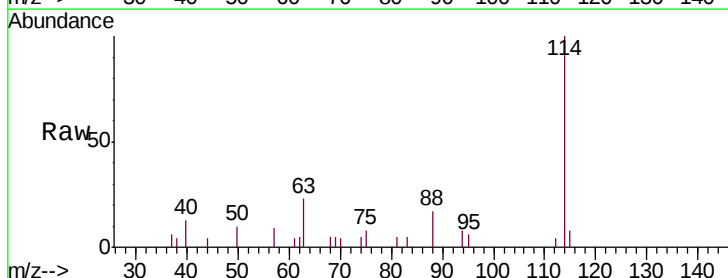


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

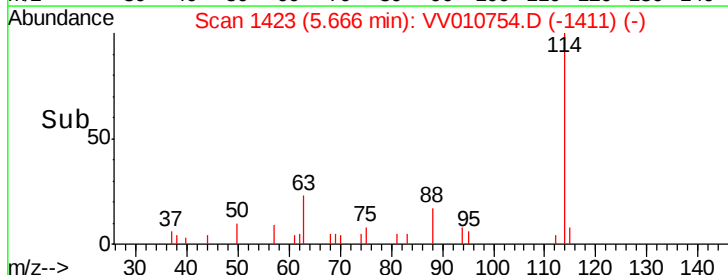
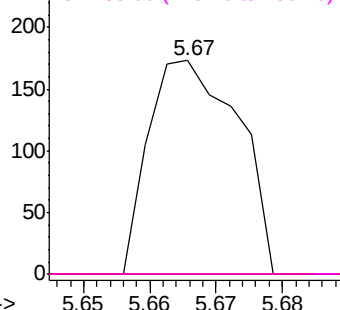


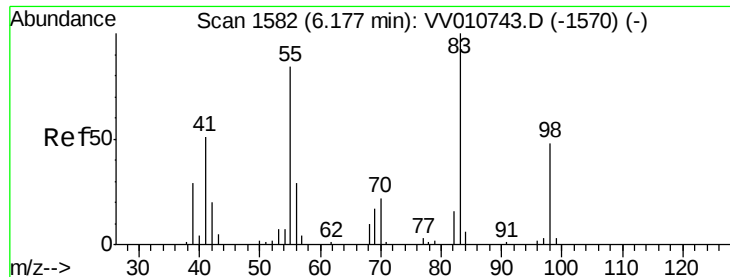
#35
Trichloroethene
Concen: 1.664 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010754.D
Acq: 09 May 2019 06:43

Tgt Ion: 95 Resp: 163
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#



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

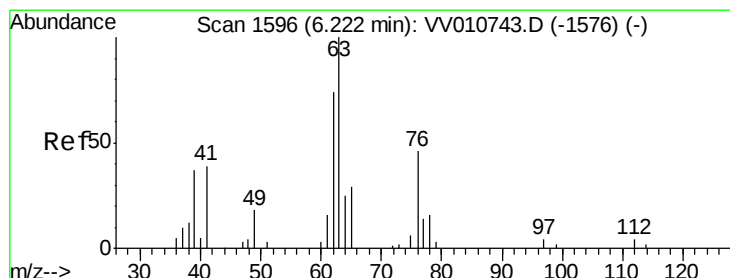
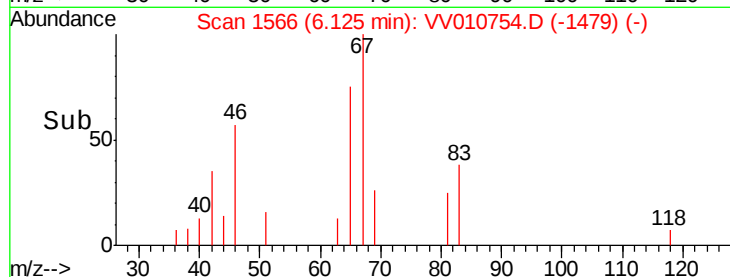
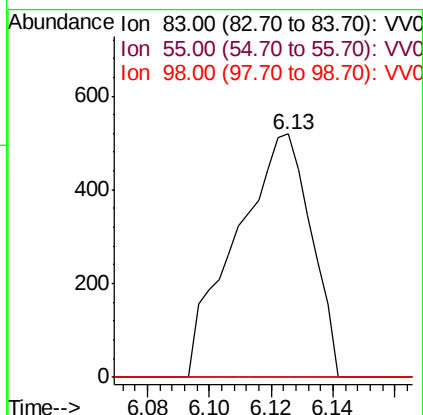
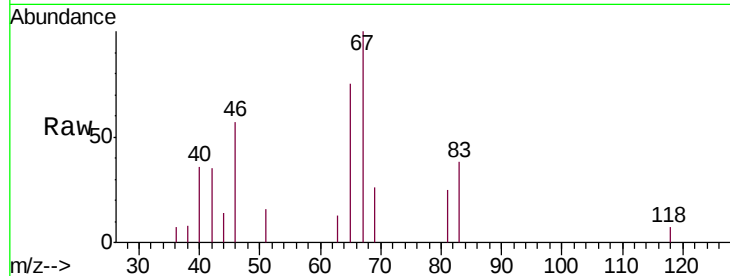




#36
Methylcyclohexane
Concen: 5.560 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV010754.D
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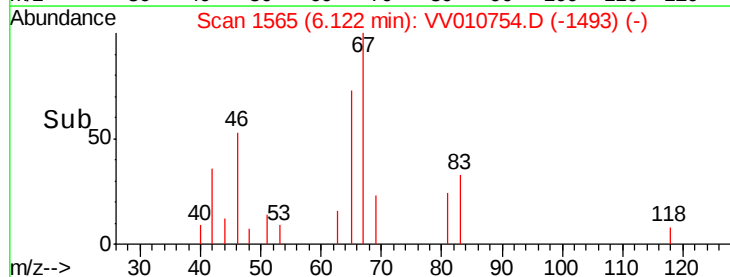
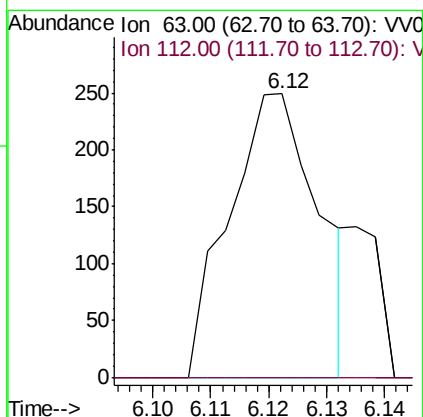
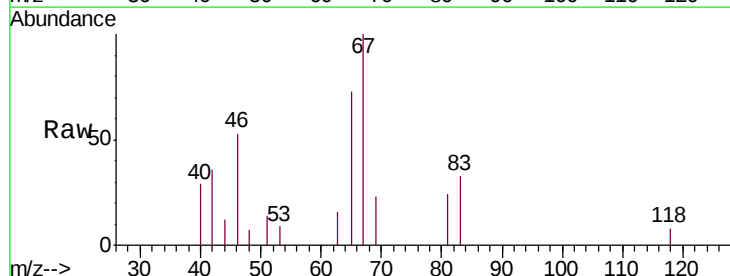
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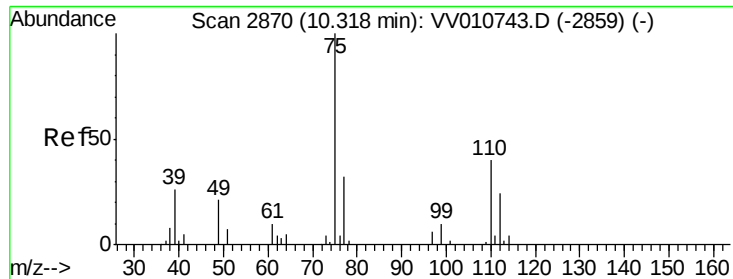
Tgt Ion: 83 Resp: 873
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.0 37.7 56.5#



#40
1,2-Dichloropropane
Concen: 2.859 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010754.D
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Tgt Ion: 63 Resp: 266
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

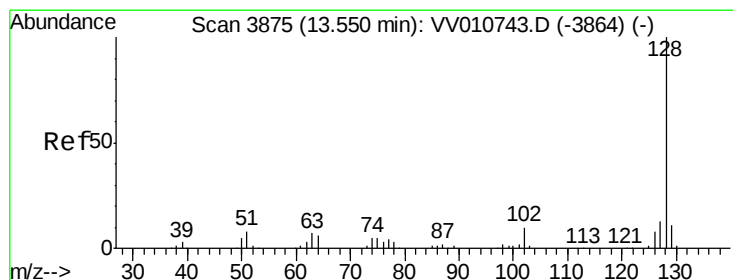
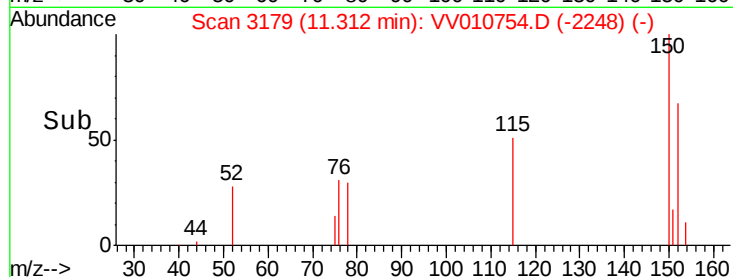
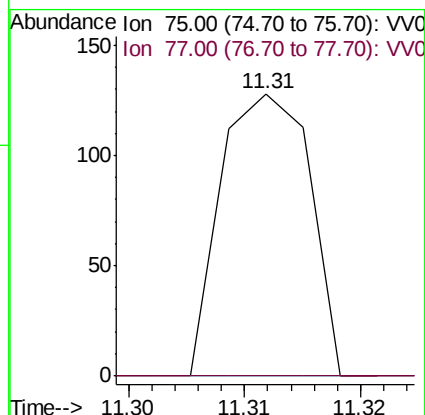
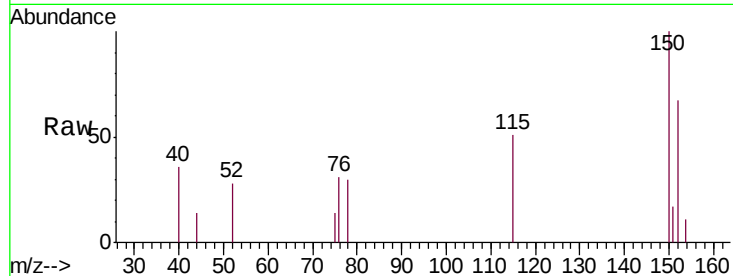




#59
 1,2,3-Trichloropropane
 Concen: 0.870 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.99 min
 Lab File: VV010754.D
 Acq: 09 May 2019 06:43

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHD1

Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#



#69
 Naphthalene
 Concen: 0.738 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV010754.D
 Acq: 09 May 2019 06:43

Tgt Ion: 128 Resp: 84
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 0.0 10.8 16.2#

