

Data File : VV010753.D
Acq On : 09 May 2019 06:16
Operator : SY/MD
Sample : K2693-03
Misc : 4.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH63

Quant Time: May 09 08:12:51 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	5.66	114	75424	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	63199	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15394	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21889	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	1.56	69	21779	22.59	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	2.12	63	39682	15.61	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.44%
20) 2-Butanone-d5	3.93	46	9932	28.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.50%
24) Chloroform-d	4.39	84	48524	23.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.07	65	34212	26.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.56%
29) Benzene-d6	5.09	84	92618	27.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.36%
33) 1,2-Dichloropropane-d6	6.11	67	30772	29.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.12%
37) Toluene-d8	7.36	98	75459	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.76%
38) trans-1,3-Dichloropropene-	7.66	79	9216	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.28%
39) 2-Hexanone-d5	8.13	63	6396	28.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	22370	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	13932	23.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.48%

Target Compounds

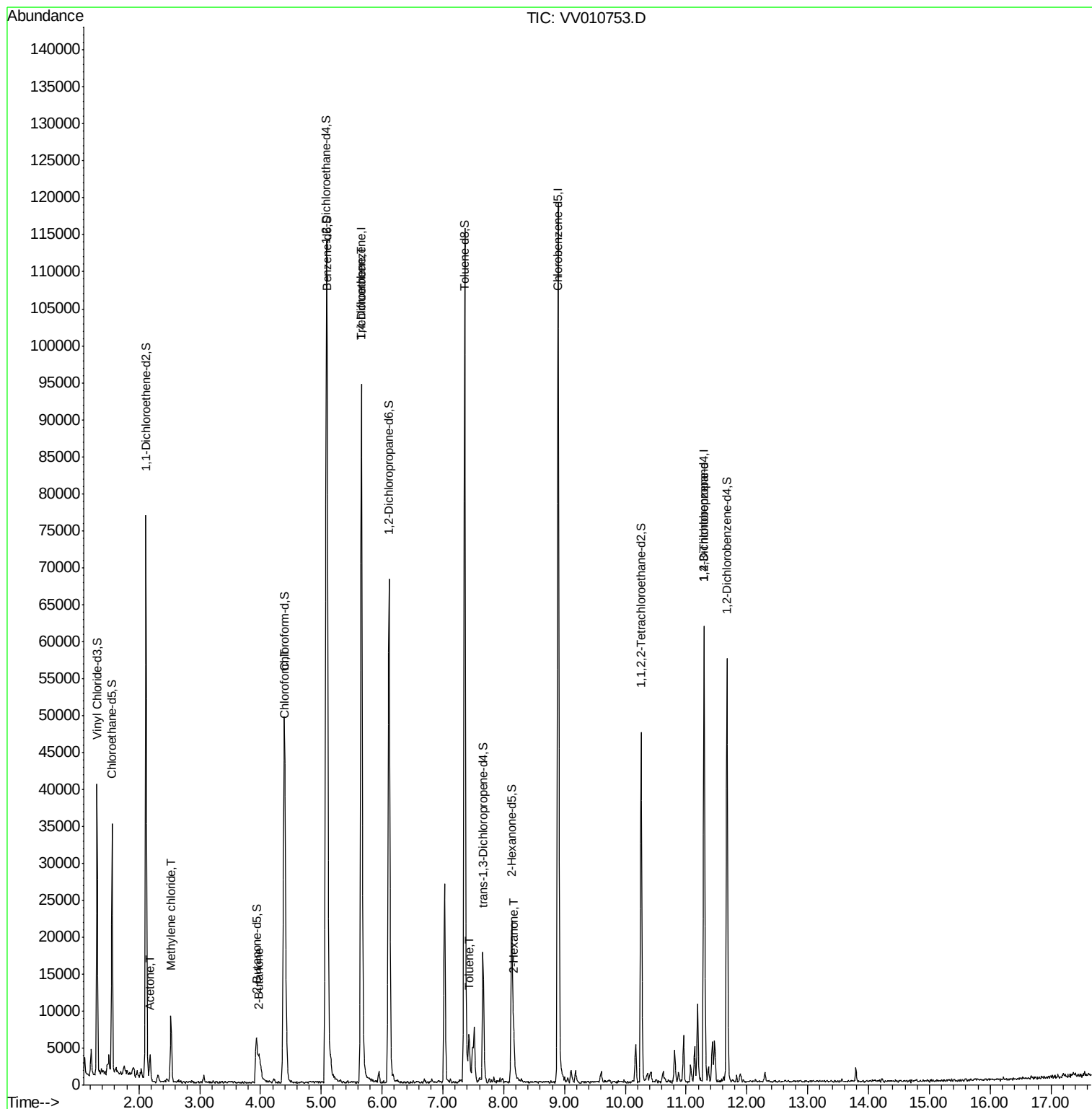
					Qvalue
13) Acetone	2.19	43	3467	6.369 ug/L	95
16) Methylene chloride	2.53	84	3753	3.218 ug/L	91
21) 2-Butanone	3.99	43	2899	5.619 ug/L #	53
25) Chloroform	4.41	83	1724	0.755 ug/L #	1
35) Trichloroethene	5.66	95	2324	2.236 ug/L #	7
44) Toluene	7.43	91	4054	0.962 ug/L	90
49) 2-Hexanone	8.17	43	3414	5.405 ug/L #	44
59) 1,2,3-Trichloropropane	11.30	75	2115	2.551 ug/L #	88

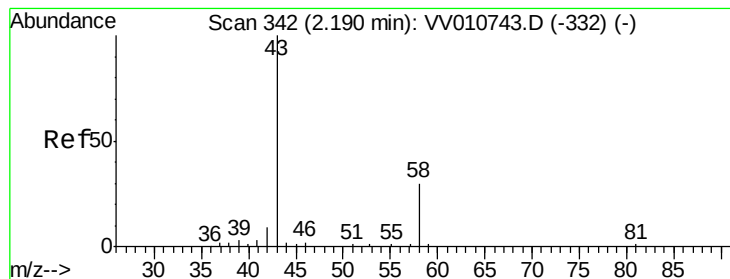
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.369 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 09 May 2019 06:16

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MSVOA_V

ClientSampleId :

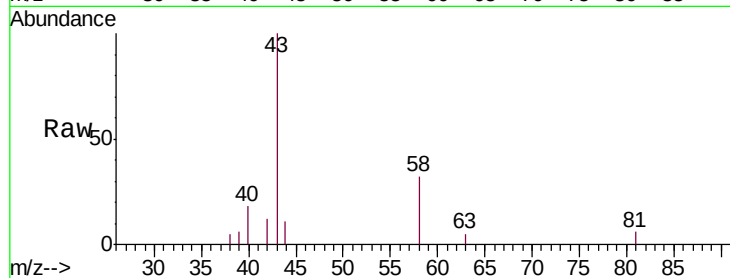
BFH63

Tgt Ion: 43 Resp: 3467

Ion Ratio Lower Upper

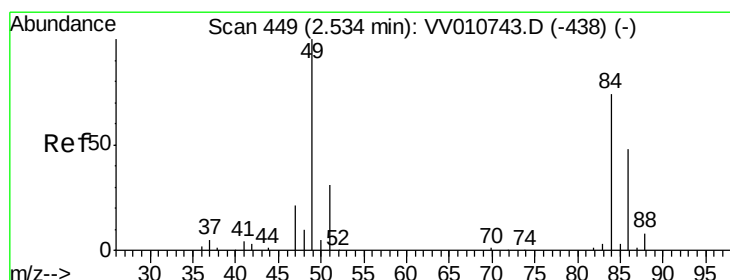
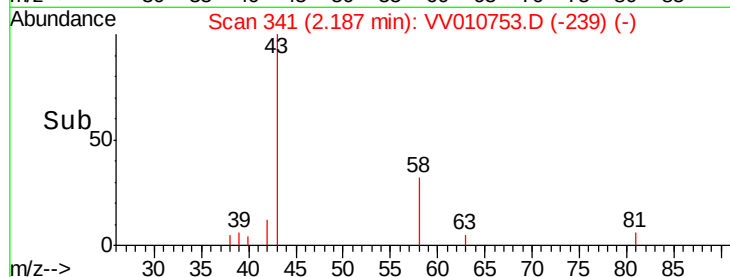
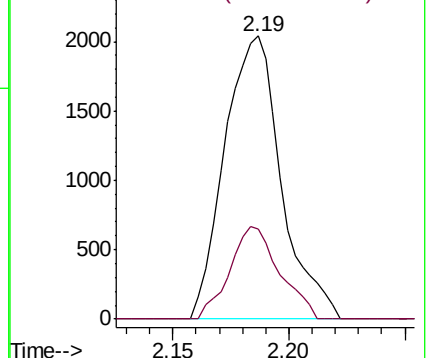
43 100

58 28.7 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.218 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010753.D

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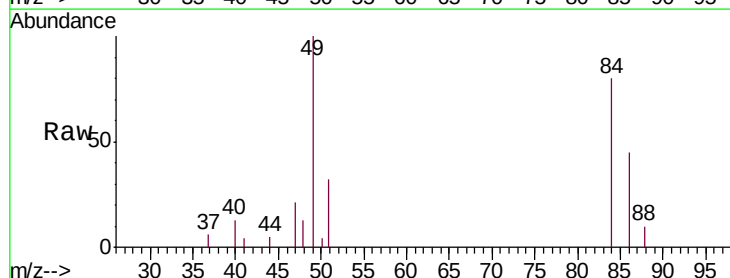
Tgt Ion: 84 Resp: 3753

Ion Ratio Lower Upper

84 100

49 124.8 92.9 172.5

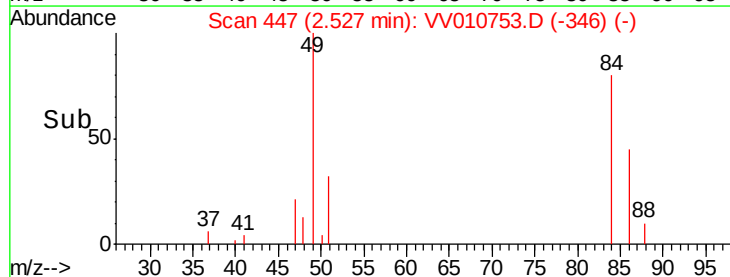
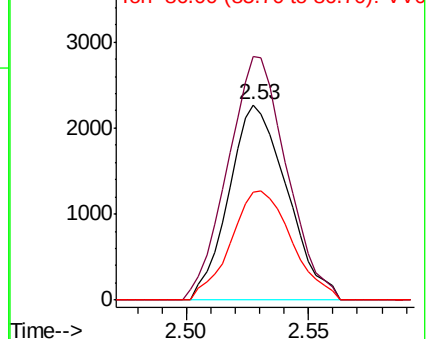
86 55.6 46.5 86.5

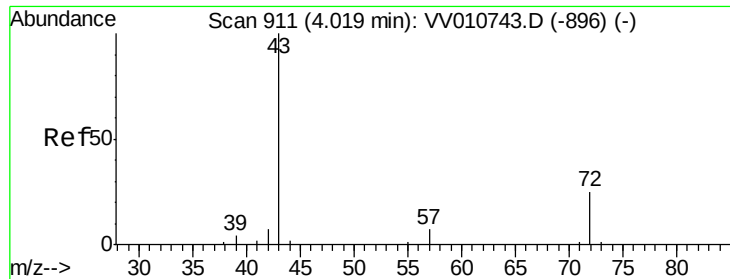


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#21

2-Butanone

Concen: 5.619 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.03 min

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ClientSampleId :

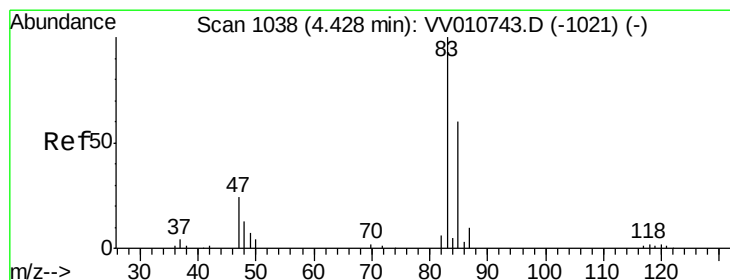
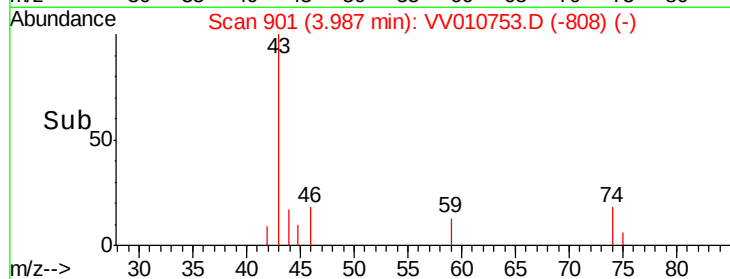
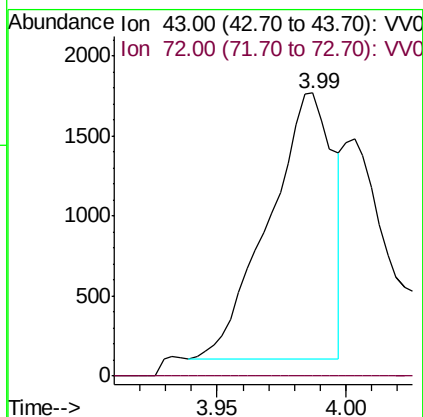
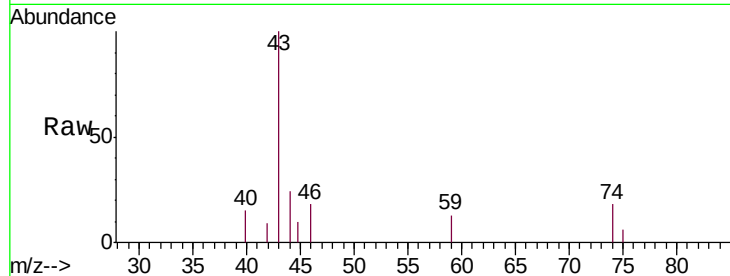
BFH63

Tgt Ion: 43 Resp: 2899

Ion Ratio Lower Upper

43 100

72 0.0 11.2 33.6#



#25

Chloroform

Concen: 0.755 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. -0.02 min

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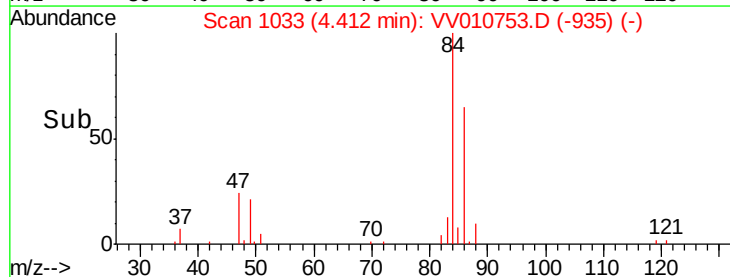
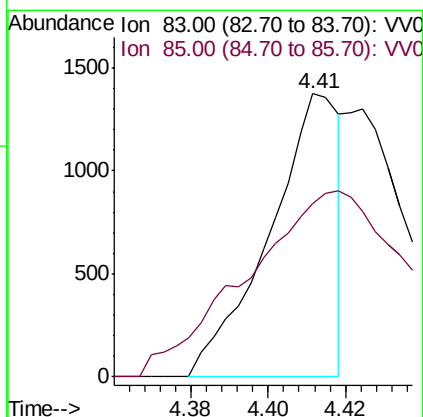
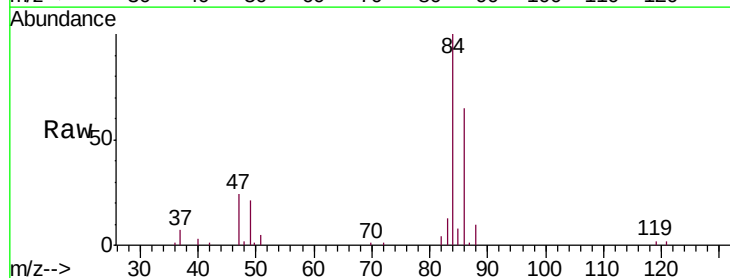
Acq: 09 May 2019 06:16

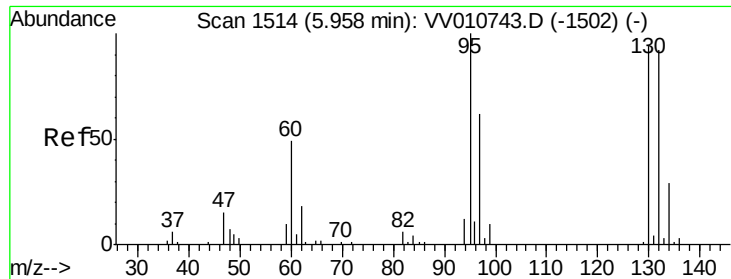
Tgt Ion: 83 Resp: 1724

Ion Ratio Lower Upper

83 100

85 153.2 44.6 82.8#

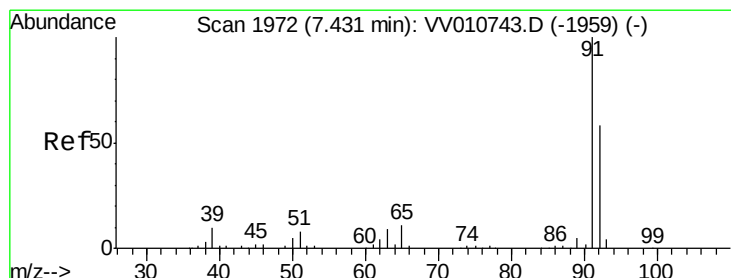
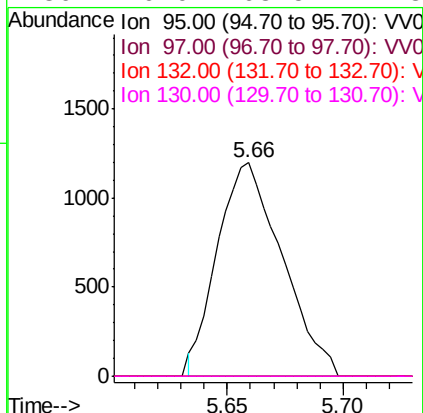
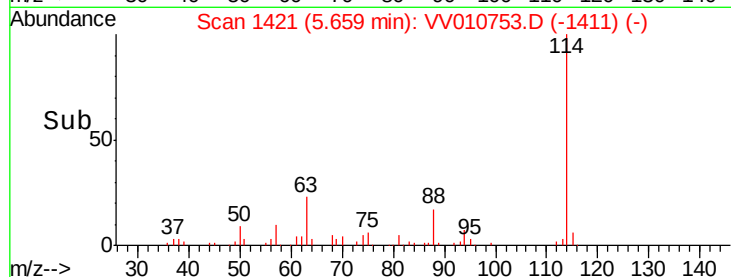
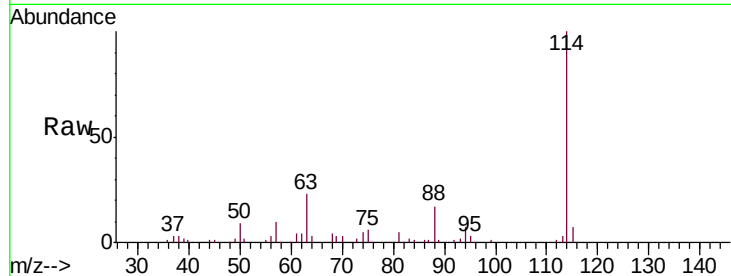




#35
 Trichloroethene
 Concen: 2.236 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
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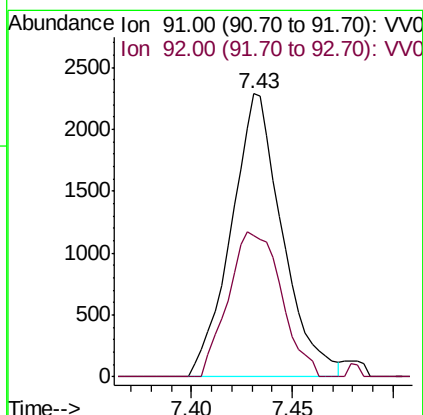
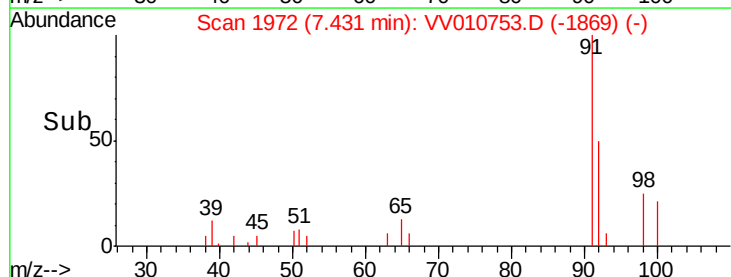
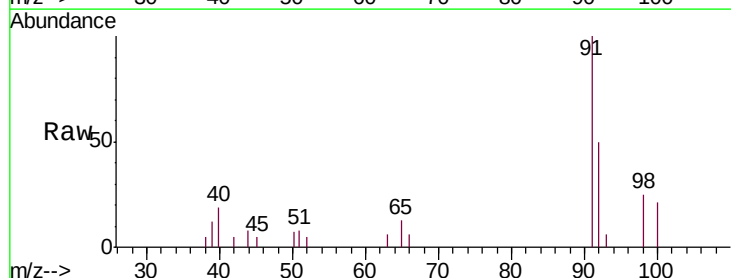
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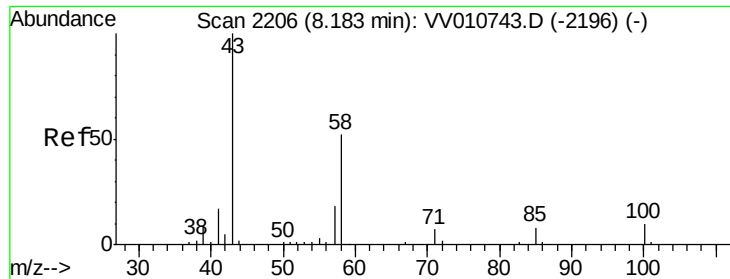
Tgt Ion: 95 Resp: 2324
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 62.4 115.8#
 130 0.0 68.5 127.3#



#44
 Toluene
 Concen: 0.962 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV010753.D
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Tgt Ion: 91 Resp: 4054
 Ion Ratio Lower Upper
 91 100
 92 50.0 40.1 74.5

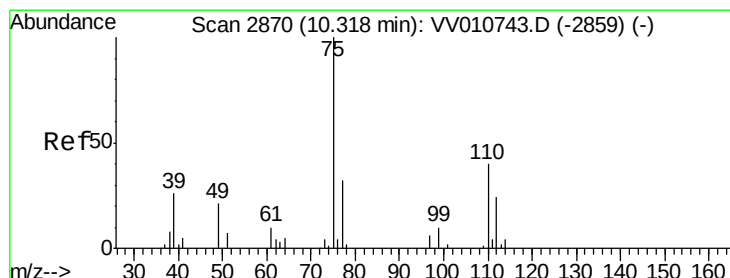
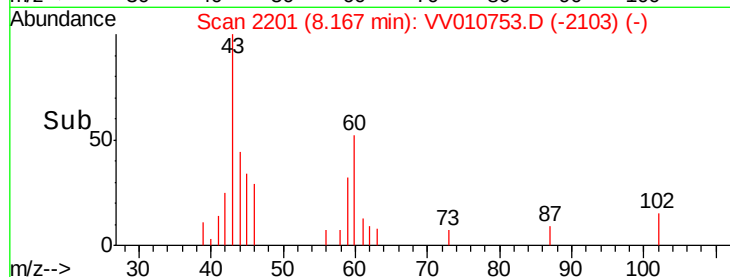
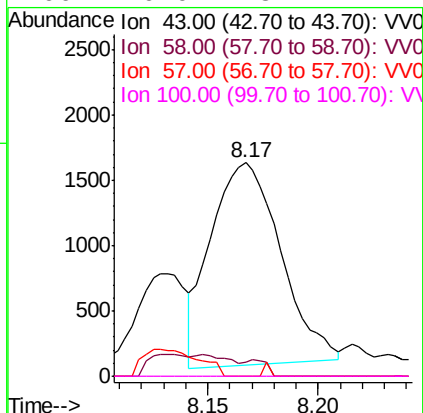
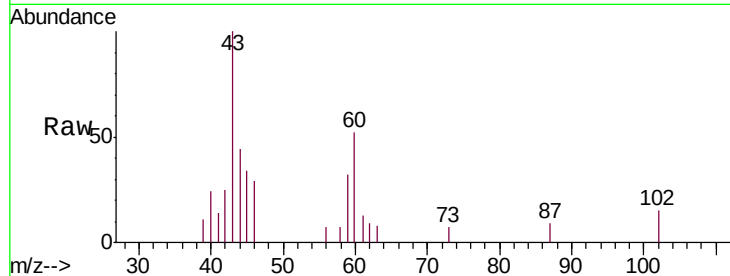




#49
2-Hexanone
Concen: 5.405 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. -0.02 min
Lab File: VV010753.D
Acq: 09 May 2019 06:16

Instrument :
MSVOA_V
ClientSampleId :
BFH63

Tgt Ion:	43	Resp:	3414
Ion	Ratio	Lower	Upper
43	100		
58	2.6	39.4	59.0#
57	0.0	14.2	21.4#
100	0.0	8.2	12.2#



#59
1,2,3-Trichloropropane
Concen: 2.551 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010753.D
Acq: 09 May 2019 06:16

Tgt Ion:	75	Resp:	2115
Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.0	37.6#

