

Data File : VV013840.D
Acq On : 29 Nov 2019 11:25
Operator : SY/MD
Sample : PB125168TB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VLEB01

Quant Time: Nov 29 22:36:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 29 22:33:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	663101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	639944	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	289607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	213124	54.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.78%
7) Chloroethane-d5	1.58	69	193257	61.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.28%
11) 1,1-Dichloroethene-d2	2.13	63	300661	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
21) 2-Butanone-d5	3.92	46	292702	101.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.95%
24) Chloroform-d	4.40	84	422914	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
26) 1,2-Dichloroethane-d4	5.08	65	279403	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.09	84	872359	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
36) 1,2-Dichloropropane-d6	6.11	67	277260	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.36	98	832672	53.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.04%
43) trans-1,3-Dichloropropene-	7.66	79	128663	50.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.14%
47) 2-Hexanone-d5	8.13	63	224366	111.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.71%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	368981	53.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	316423	54.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.62%

Target Compounds

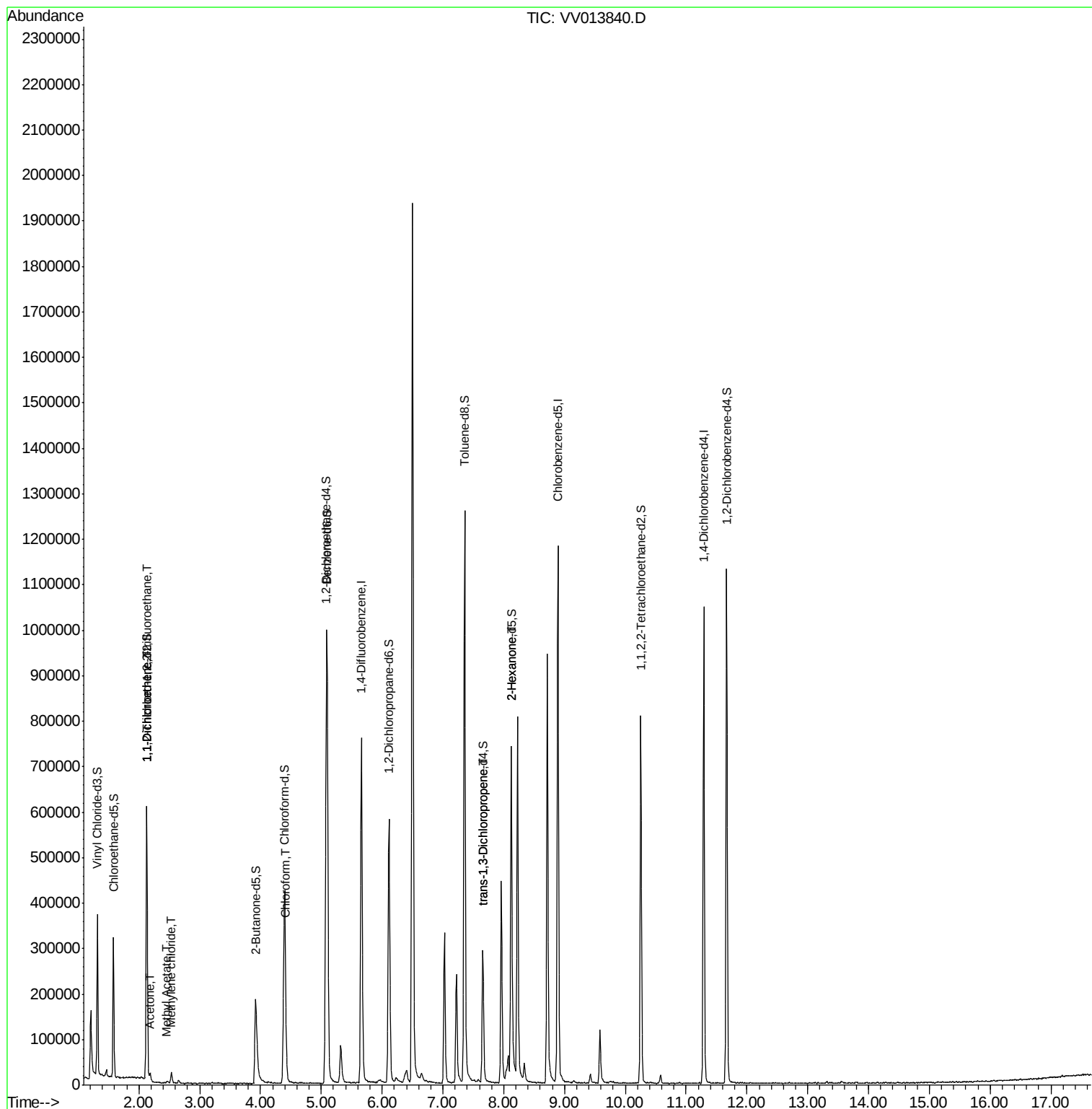
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3174	0.867	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2424	0.693	ug/L #	1
13) Acetone	2.19	43	9689	3.616	ug/L	95
15) Methyl Acetate	2.46	43	4147	0.848	ug/L	94
16) Methylene chloride	2.53	84	9755	2.062	ug/L	88
25) Chloroform	4.42	83	10540	1.234	ug/L	79
44) trans-1,3-Dichloropropene	7.66	75	5718	0.904	ug/L	94
48) 2-Hexanone	8.12	43	117610	24.155	ug/L #	47

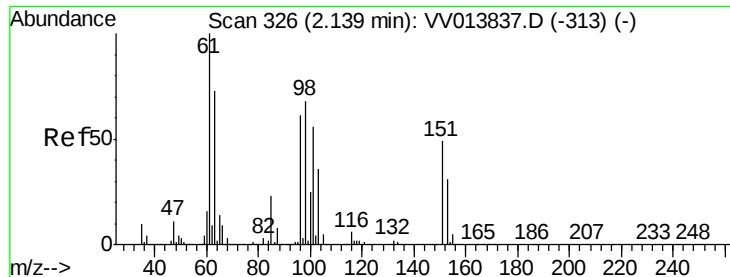
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.867 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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ClientSampleId :

VLEB01

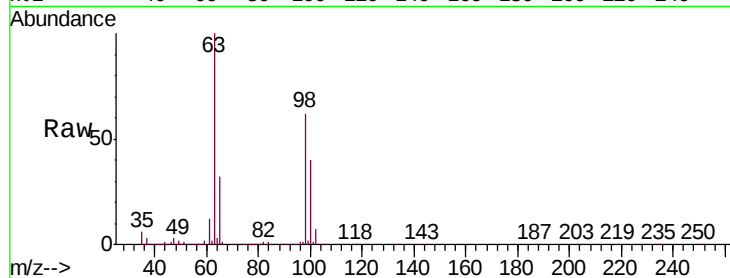
Tgt Ion:101 Resp: 3174

Ion Ratio Lower Upper

101 100

85 6.0 33.3 49.9#

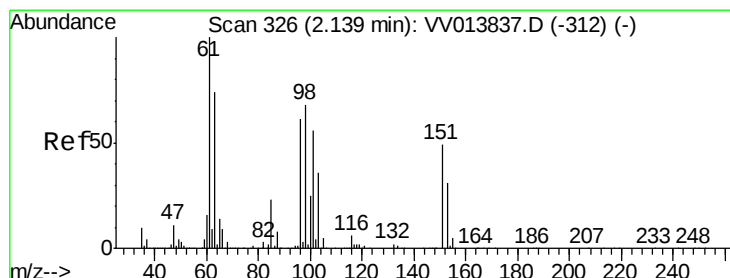
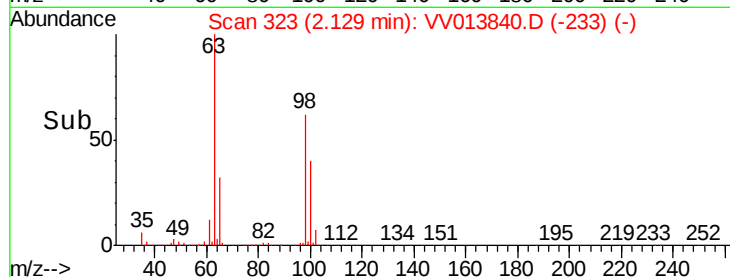
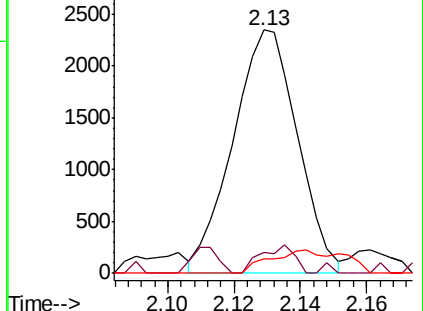
151 7.9 69.5 104.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.693 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013840.D

Acq: 29 Nov 2019 11:25

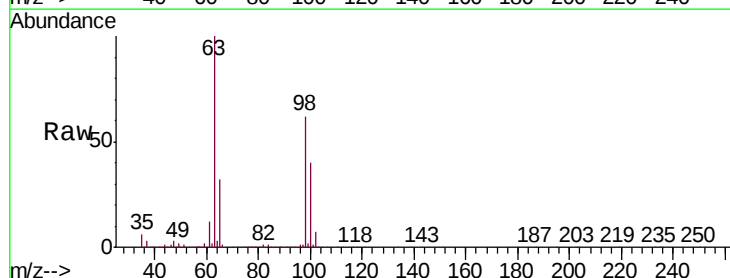
Tgt Ion: 96 Resp: 2424

Ion Ratio Lower Upper

96 100

61 1543.3 116.9 217.1#

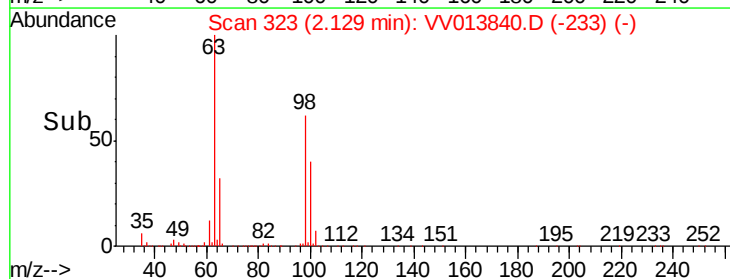
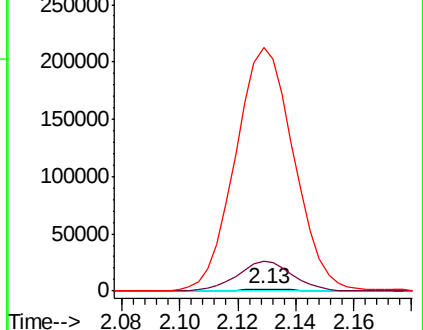
63 12753.9 91.5 169.9#

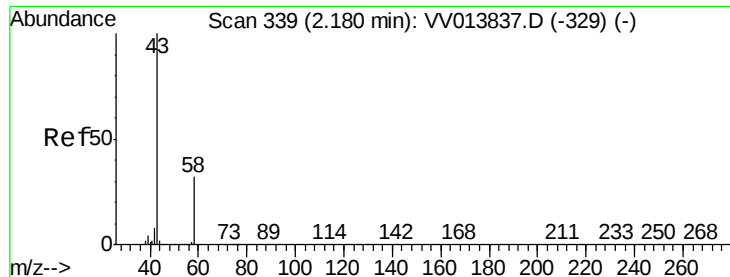


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.616 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

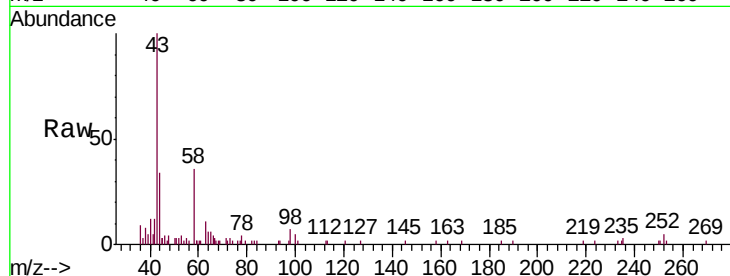
VLEB01

Tgt Ion: 43 Resp: 9689

Ion Ratio Lower Upper

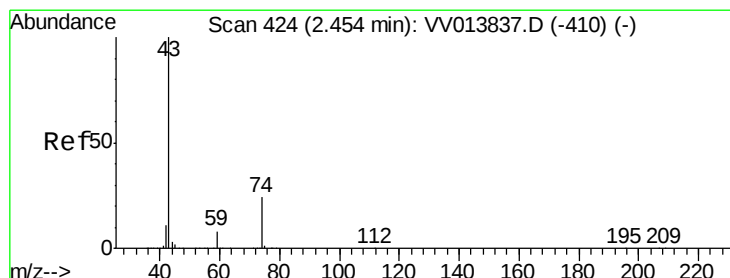
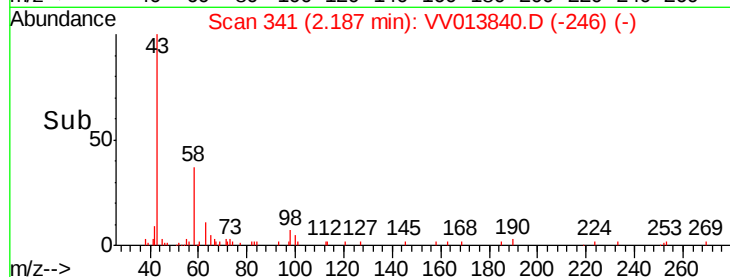
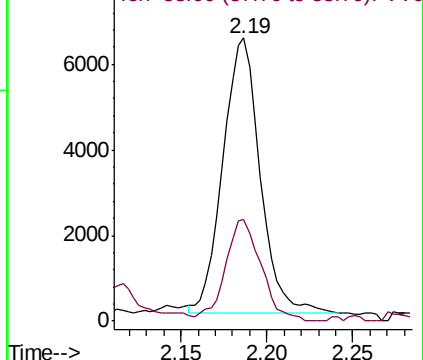
43 100

58 35.4 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#15

Methyl Acetate

Concen: 0.848 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV013840.D

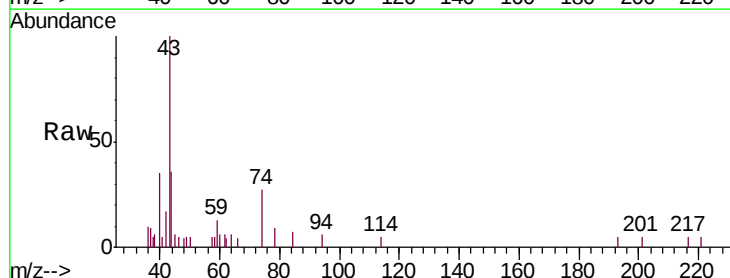
Acq: 29 Nov 2019 11:25

Tgt Ion: 43 Resp: 4147

Ion Ratio Lower Upper

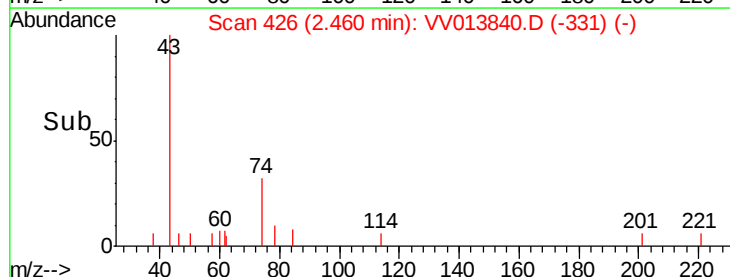
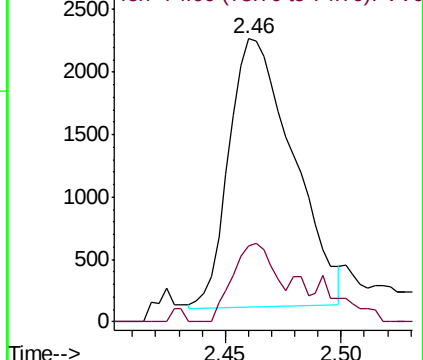
43 100

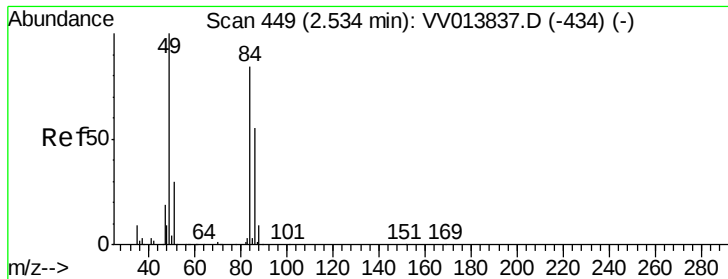
74 19.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

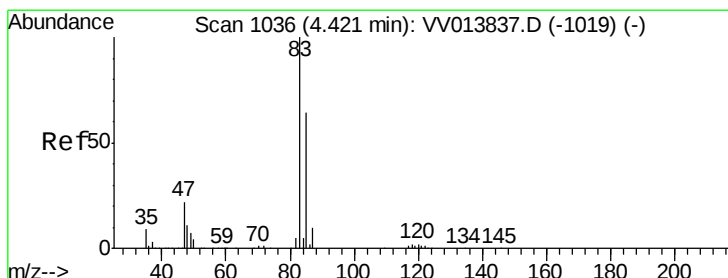
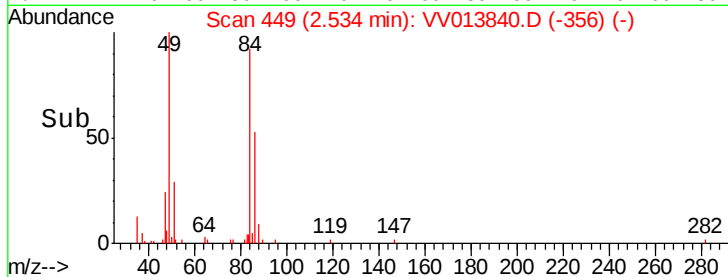
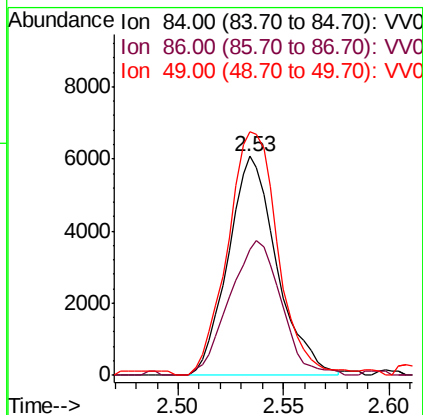
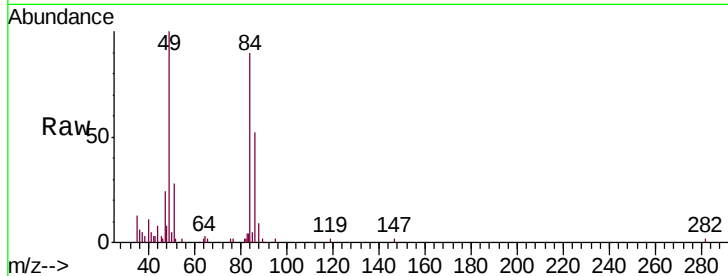




#16
Methylene chloride
Concen: 2.062 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV013840.D
Acq: 29 Nov 2019 11:25

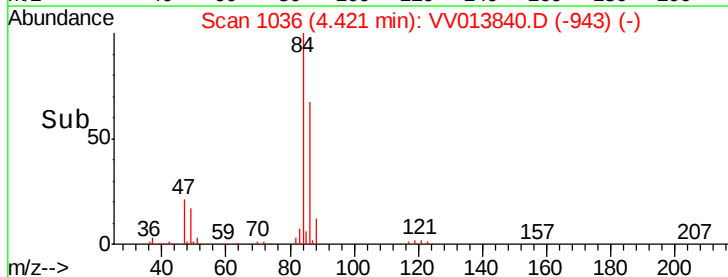
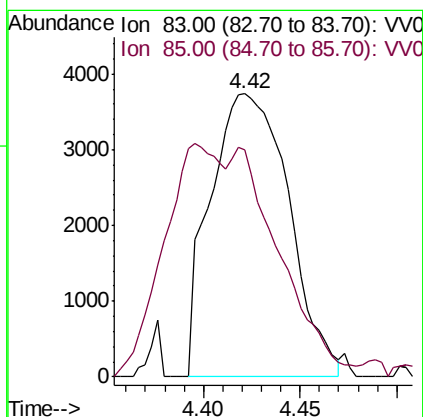
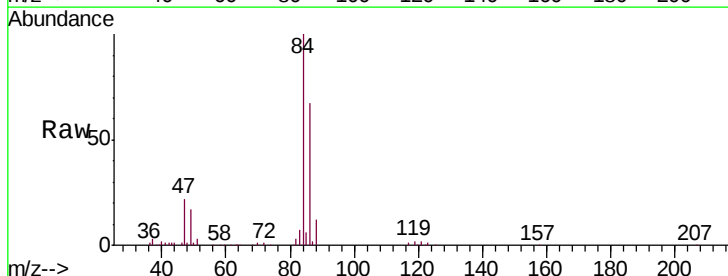
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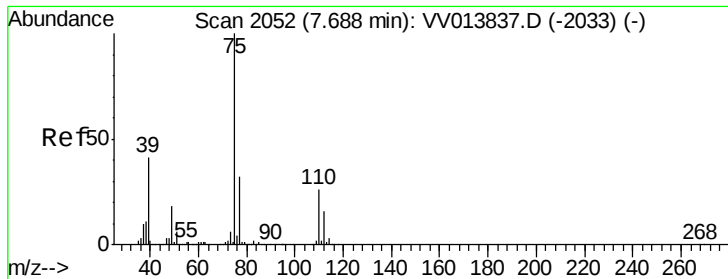
Tgt Ion: 84 Resp: 9755
Ion Ratio Lower Upper
84 100
86 57.5 44.7 83.1
49 111.3 89.2 165.8



#25
Chloroform
Concen: 1.234 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013840.D
Acq: 29 Nov 2019 11:25

Tgt Ion: 83 Resp: 10540
Ion Ratio Lower Upper
83 100
85 80.0 44.4 82.5





#44

trans-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013840.D

Acq: 29 Nov 2019 11:25

Instrument :

MSVOA_V

ClientSampleId :

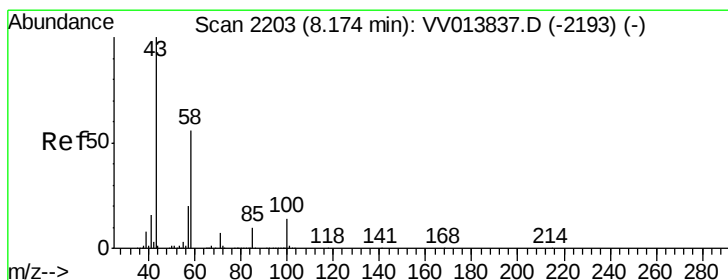
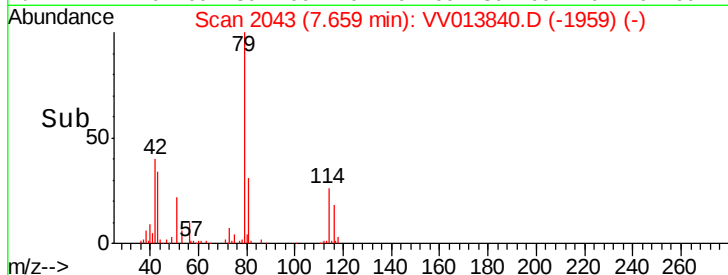
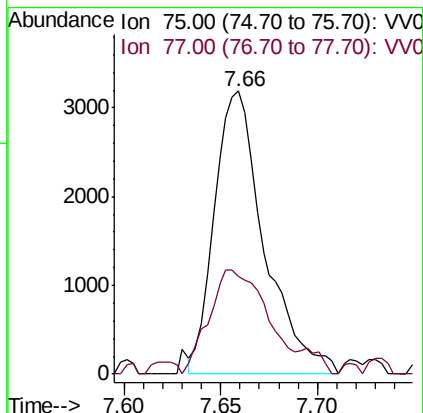
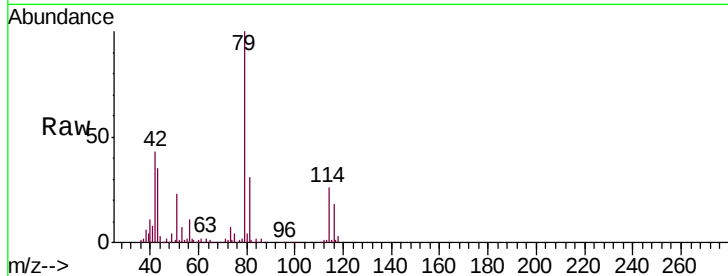
VLEB01

Tgt Ion: 75 Resp: 5718

Ion Ratio Lower Upper

75 100

77 34.7 22.0 41.0



#48

2-Hexanone

Concen: 24.155 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV013840.D

Acq: 29 Nov 2019 11:25

Tgt Ion: 43 Resp: 117610

Ion Ratio Lower Upper

43 100

58 7.1 43.4 65.0#

57 5.3 15.2 22.8#

100 0.1 9.9 14.9#

