

Data File : VV013957.D
Acq On : 09 Dec 2019 12:54
Operator : SY/MD
Sample : K6146-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBL1

Quant Time: Dec 10 04:32:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 04:29:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	702035	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	699400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	270192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191380	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.26%
7) Chloroethane-d5	1.57	69	201771	47.61	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.13	63	325575	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.52%
21) 2-Butanone-d5	3.92	46	268811	94.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.06%
24) Chloroform-d	4.40	84	375213	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	237308	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.09	84	763700	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.28%
36) 1,2-Dichloropropane-d6	6.11	67	238609	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.35	98	655923	39.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.40%#
43) trans-1,3-Dichloropropene-	7.66	79	102291	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.28%
47) 2-Hexanone-d5	8.13	63	202572	99.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.72%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	317832	40.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.70%
64) 1,2-Dichlorobenzene-d4	11.67	152	259747	48.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.90%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3656	0.692 ug/L #	31
13) Acetone	2.18	43	25377	6.059 ug/L	92
15) Methyl Acetate	2.46	43	7074	1.371 ug/L	94
16) Methylene chloride	2.53	84	10844	2.042 ug/L	94
35) Methylcyclohexane	6.11	83	60406	7.207 ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	6384	0.804 ug/L #	78
40) 4-Methyl-2-pentanone	7.27	43	7072	1.079 ug/L #	96

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

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ALS Vial      : 7      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
DBBL1

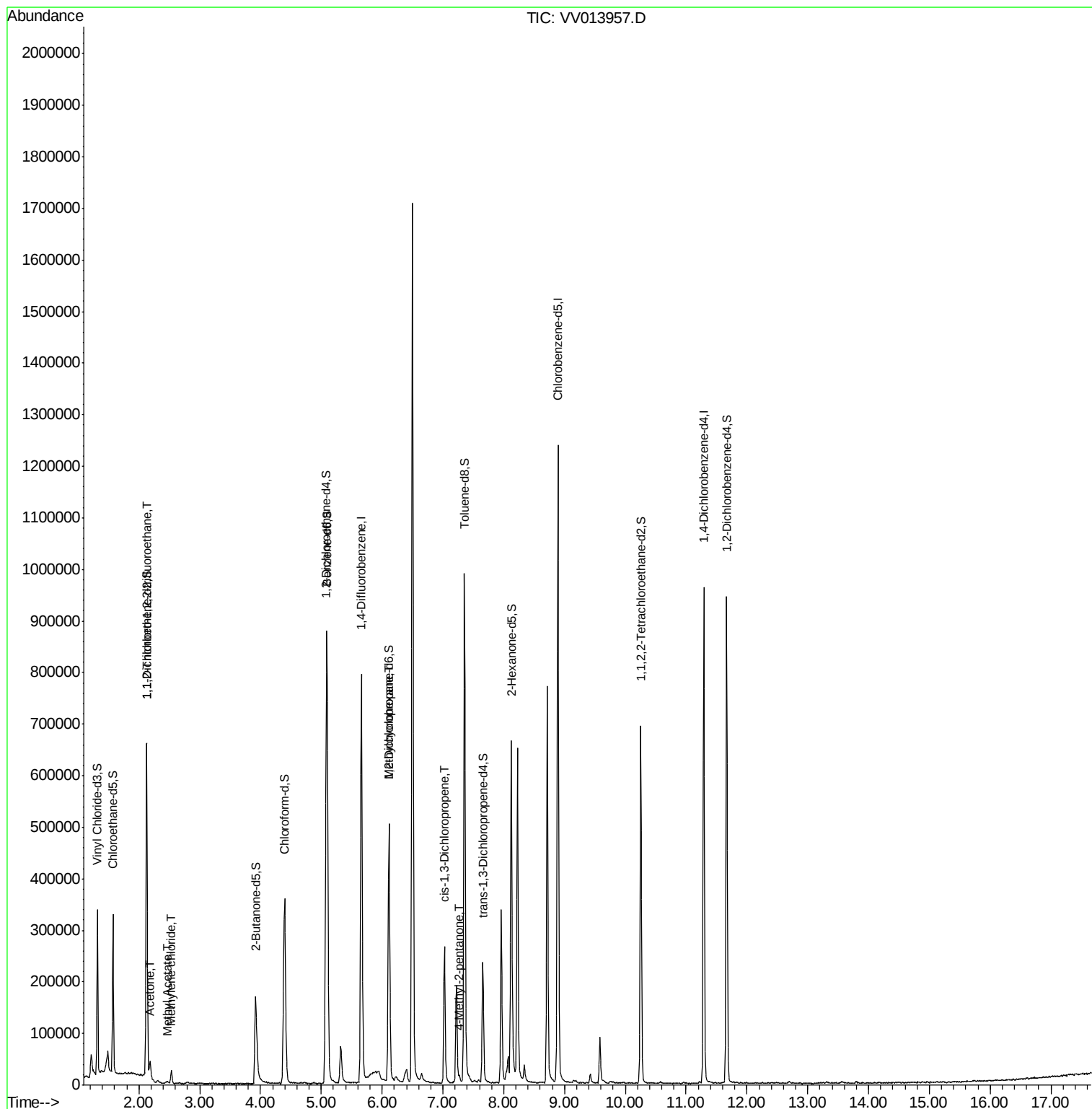
Quant Time: Dec 10 04:32:28 2019

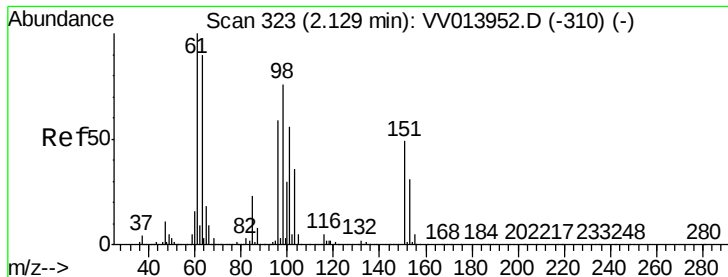
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM120219WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Dec 10 04:29:32 2019

Response via : Initial Calibration





#10

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

Concen: 0.692 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV013957.D

Acq: 09 Dec 2019 12:54

Instrument :

MSVOA_V

ClientSampleId :

DBBL1

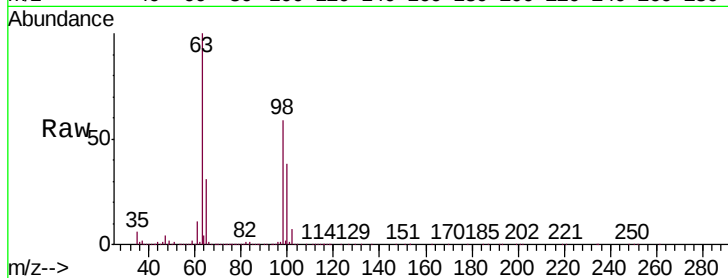
Tgt Ion:101 Resp: 3656

Ion Ratio Lower Upper

101 100

85 9.3 32.5 48.7#

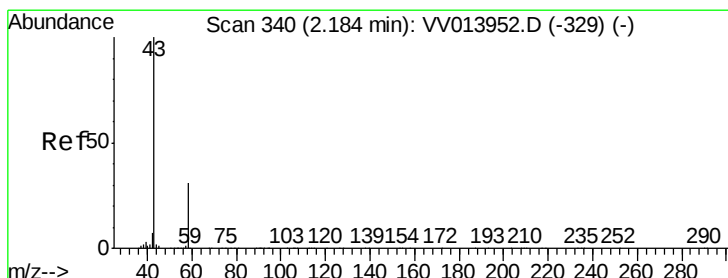
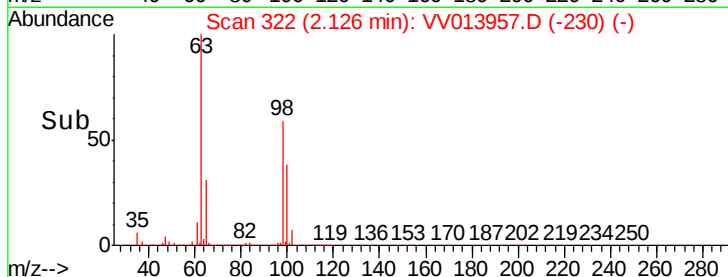
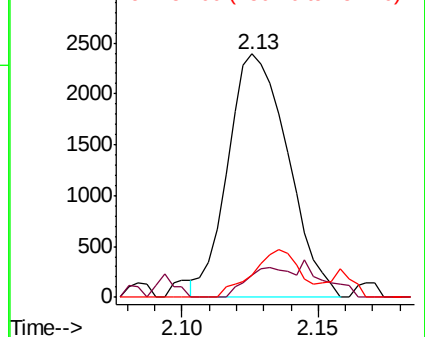
151 15.2 69.8 104.6#



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



#13

Acetone

Concen: 6.059 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013957.D

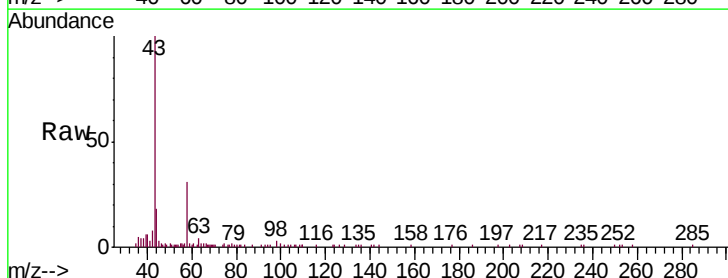
Acq: 09 Dec 2019 12:54

Tgt Ion: 43 Resp: 25377

Ion Ratio Lower Upper

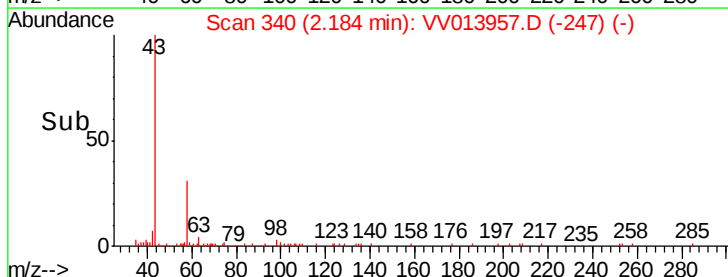
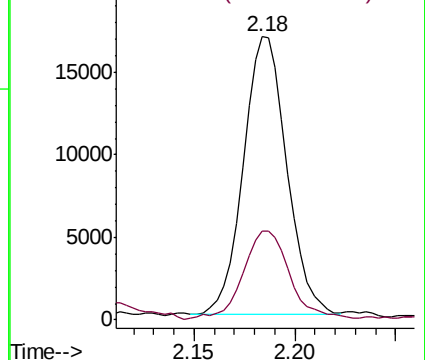
43 100

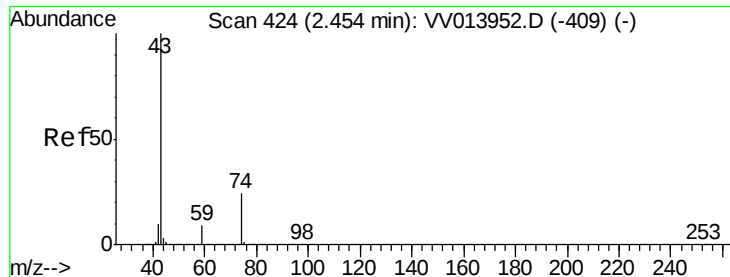
58 35.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#15

Methyl Acetate

Concen: 1.371 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

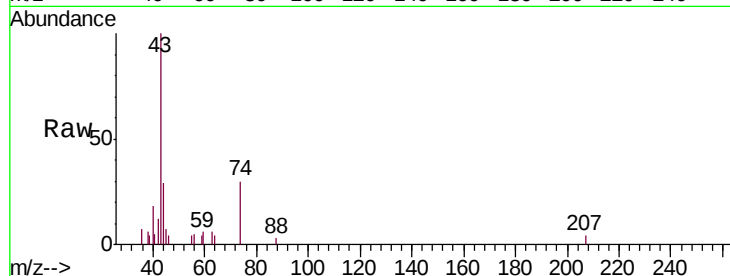
DBBL1

Tgt Ion: 43 Resp: 7074

Ion Ratio Lower Upper

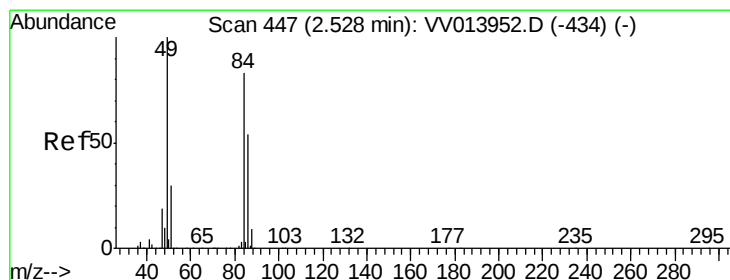
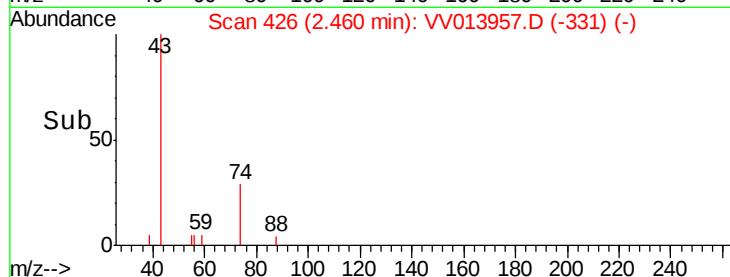
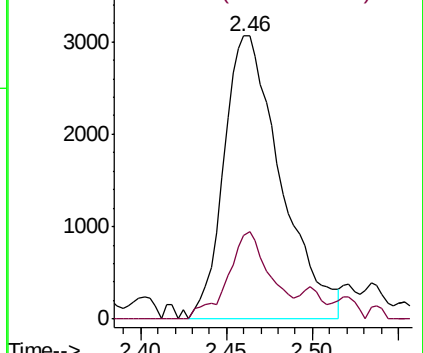
43 100

74 20.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 2.042 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV013957.D

Acq: 09 Dec 2019 12:54

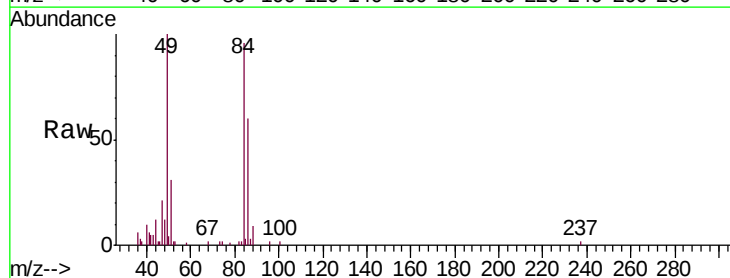
Tgt Ion: 84 Resp: 10844

Ion Ratio Lower Upper

84 100

86 62.4 43.9 81.5

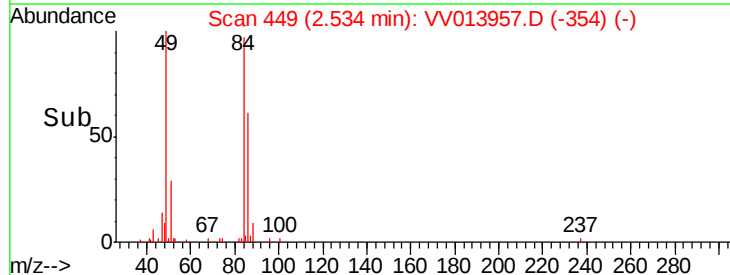
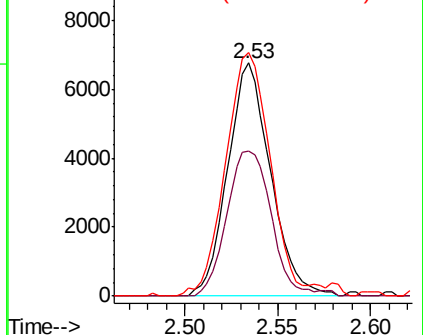
49 104.5 79.7 147.9

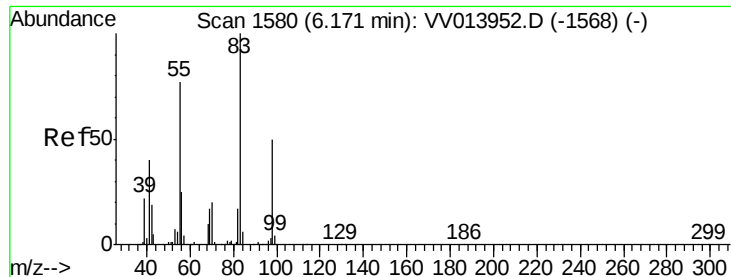


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

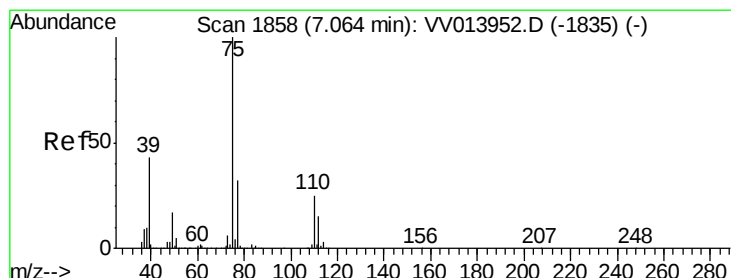
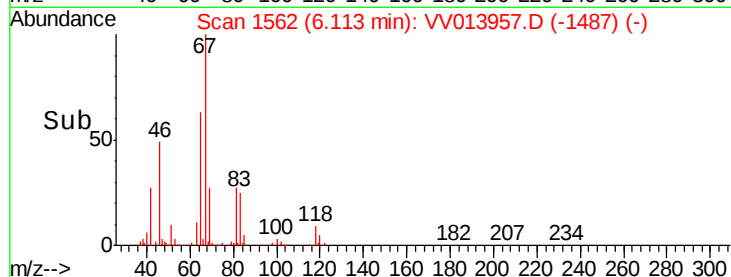
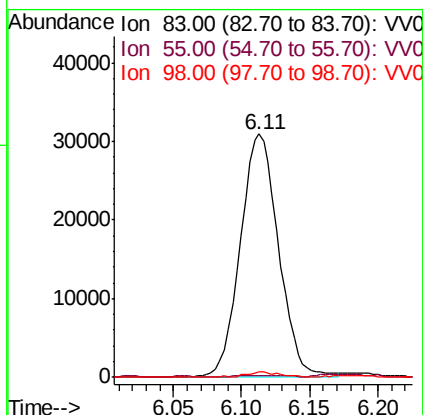
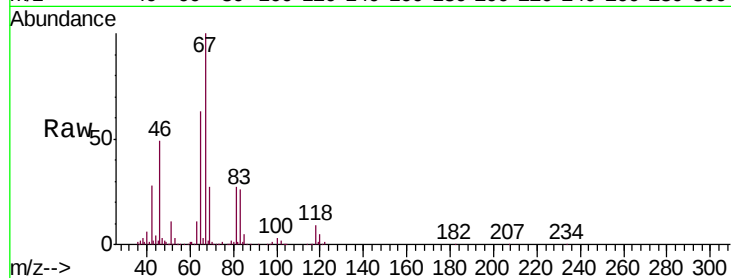




#35
Methylcyclohexane
Concen: 7.207 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013957.D
Acq: 09 Dec 2019 12:54

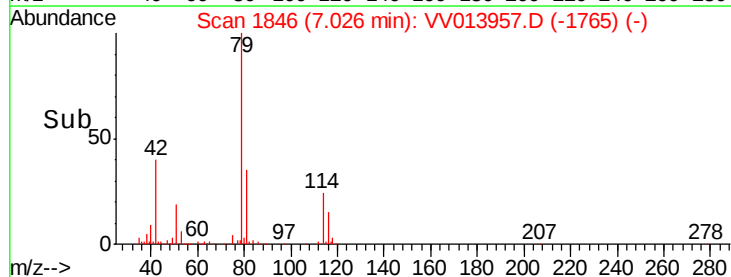
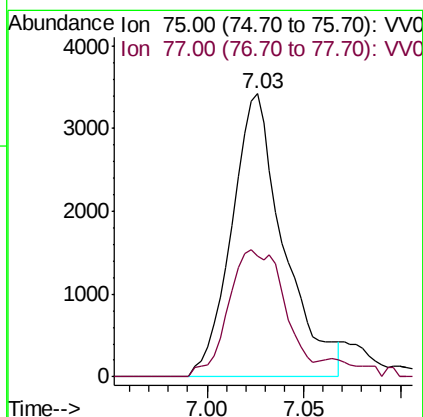
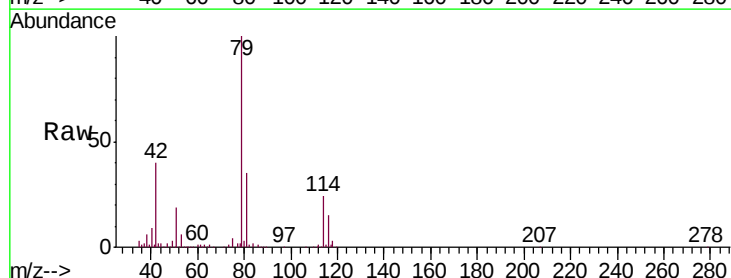
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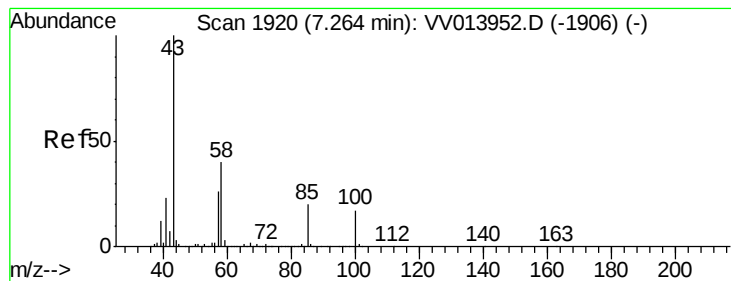
Tgt Ion: 83 Resp: 60406
Ion Ratio Lower Upper
83 100
55 0.7 61.0 91.4#
98 1.3 39.6 59.4#



#39
cis-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013957.D
Acq: 09 Dec 2019 12:54

Tgt Ion: 75 Resp: 6384
Ion Ratio Lower Upper
75 100
77 42.9 21.6 40.2#





#40

4-Methyl-2-pentanone

Concen: 1.079 ug/L

RT: 7.27 min Scan# 1921

Delta R.T. 0.00 min

Lab File: VV013957.D

Acq: 09 Dec 2019 12:54

Instrument :

MSVOA_V

ClientSampleId :

DBBL1

Tgt Ion: 43 Resp: 7072

Ion Ratio Lower Upper

43 100

58 38.8 31.9 47.9

100 21.5 13.7 20.5#

