

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018430.D
 Acq On : 24 Sep 2020 15:36
 Operator : SY/MD
 Sample : VIBLK50
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

Quant Time: Sep 25 04:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	245361	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124380	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109430	54.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.46%
7) Chloroethane-d5	1.58	69	86843	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.16%
11) 1,1-Dichloroethene-d2	2.12	63	150858	41.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.26%
21) 2-Butanone-d5	3.91	46	127131	103.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.87%
24) Chloroform-d	4.38	84	176121	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
26) 1,2-Dichloroethane-d4	5.06	65	116718	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
32) Benzene-d6	5.08	84	373963	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.16%
36) 1,2-Dichloropropane-d6	6.09	67	116636	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.14%
41) Toluene-d8	7.34	98	340775	55.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.14%
43) trans-1,3-Dichloropropene-	7.64	79	57697	52.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.26%
47) 2-Hexanone-d5	8.11	63	77195	94.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135445	50.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	142503	55.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.58%

Target Compounds

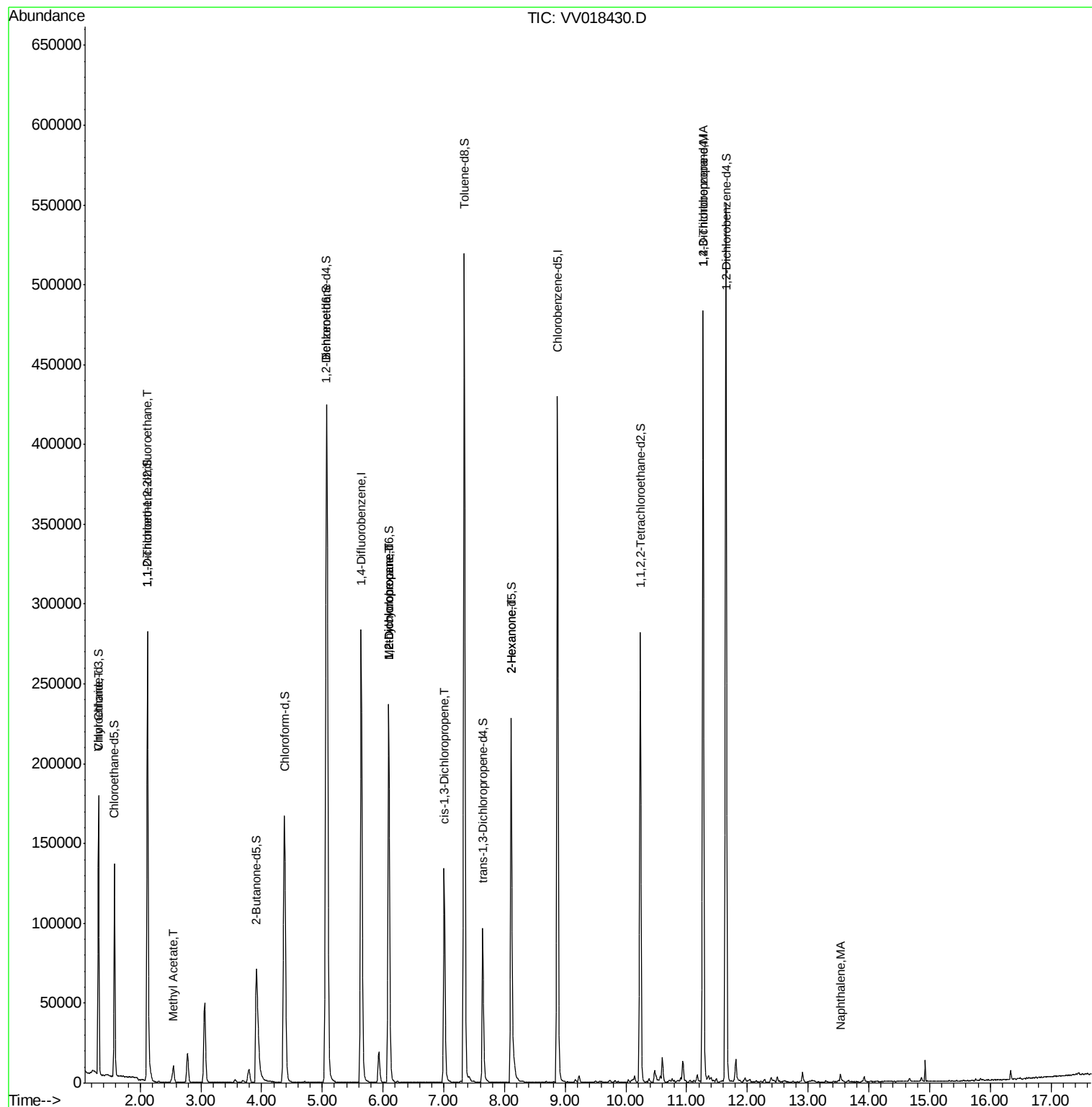
					Ovalue
8) Chloroethane	1.32	64	1466	1.168 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1313	0.793 ug/L #	19
15) Methyl Acetate	2.55	43	6880	3.906 ug/L #	53
35) Methylcyclohexane	6.09	83	28322	10.183 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12294	6.842 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3122	1.128 ug/L #	69
48) 2-Hexanone	8.11	43	9454	5.501 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	14272	6.753 ug/L	97
69) Naphthalene	13.53	128	4794	0.730 ug/L	96

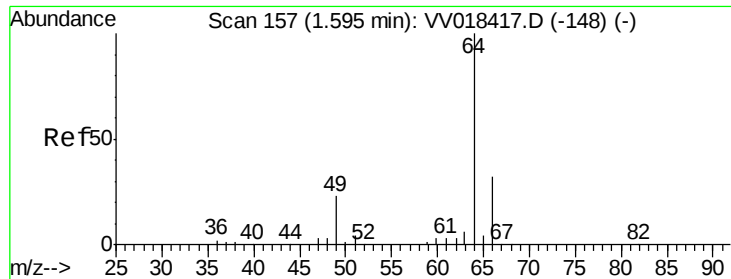
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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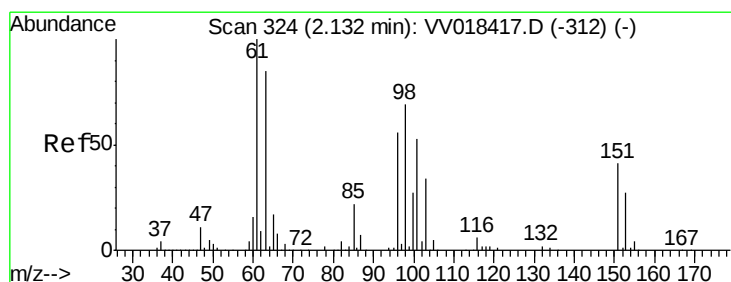
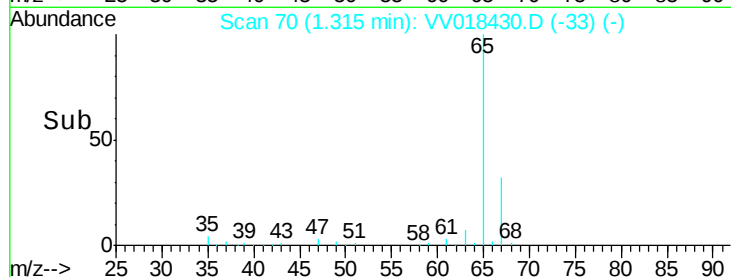
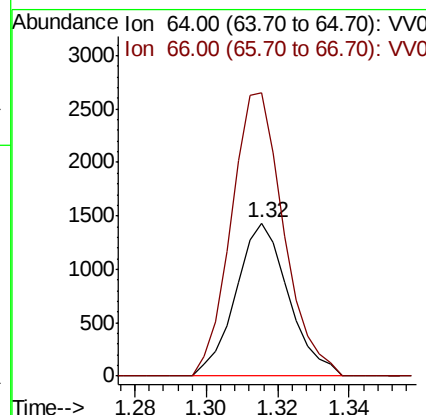
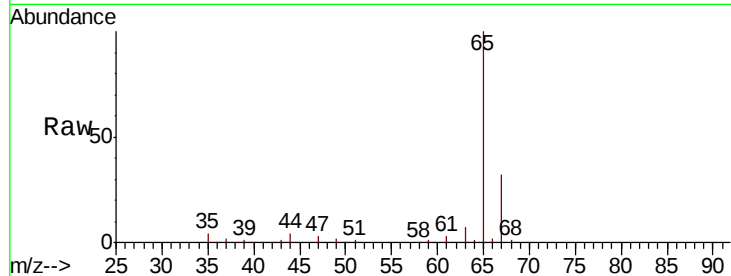




#8
Chloroethane
Concen: 1.168 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV018430.D
Acq: 24 Sep 2020 15:36

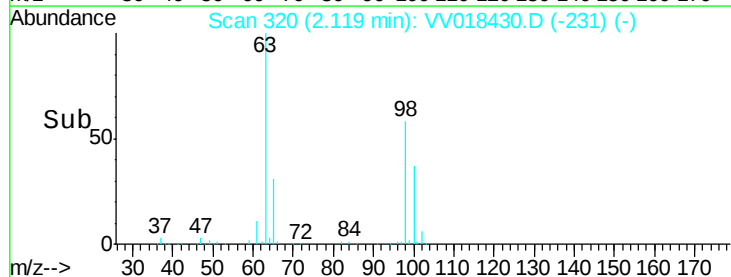
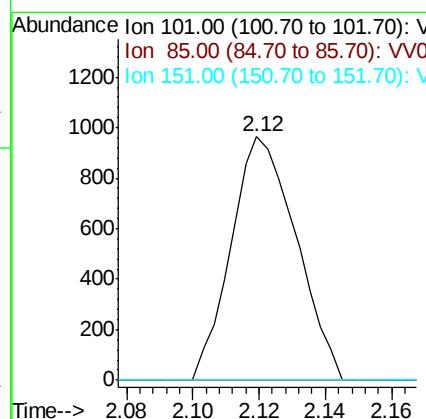
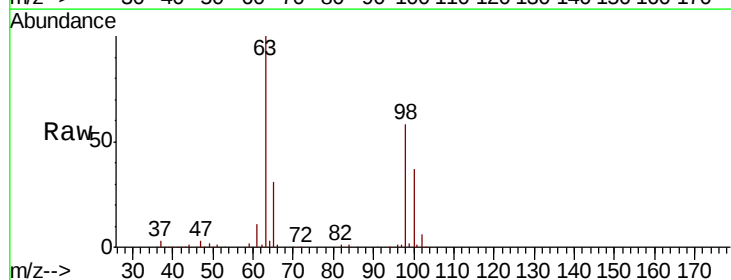
Instrument :
MSVOA_V
ClientSampled :
VIBLK50

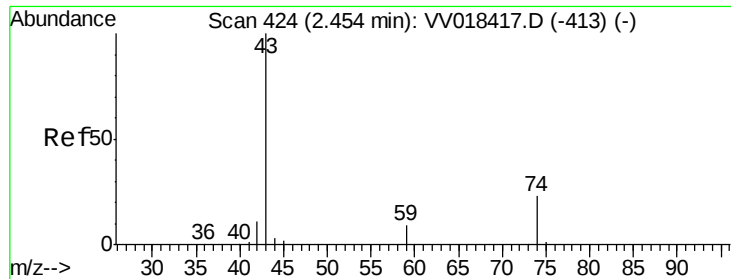
Tot Ion: 64 Resp: 1466
Ion Ratio Lower Upper
64 100
66 185.2 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.793 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV018430.D
Acq: 24 Sep 2020 15:36

Tgt Ion: 101 Resp: 1313
Ion Ratio Lower Upper
101 100
85 0.0 33.5 50.3#
151 0.0 62.2 93.2#





#15

Methvl Acetate

Concen: 3.906 ug/L

RT: 2.55 min Scan# 454

Delta R.T. 0.10 min

Lab File: VV018430.D

Acq: 24 Sep 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

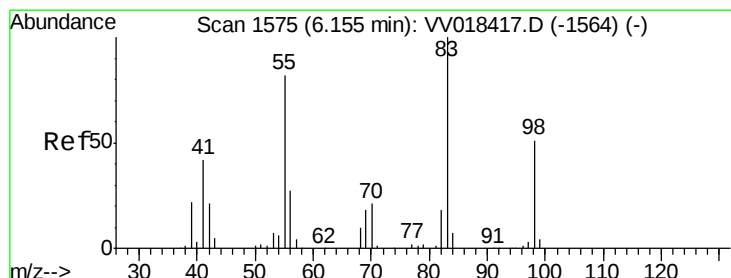
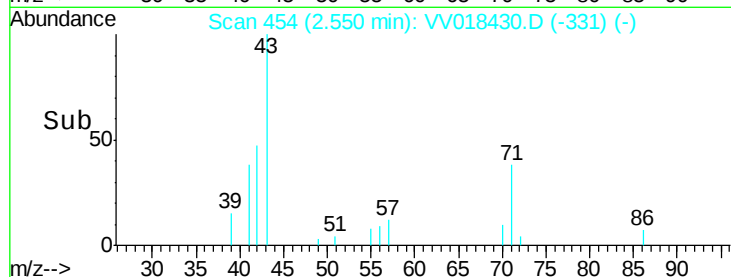
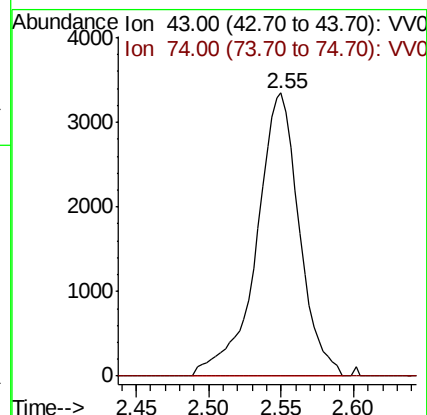
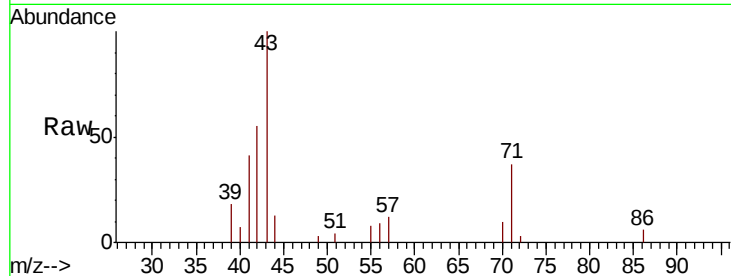
VIBLK50

Tot Ion: 43 Resp: 6880

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#



#35

Methylcyclohexane

Concen: 10.183 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018430.D

Acq: 24 Sep 2020 15:36

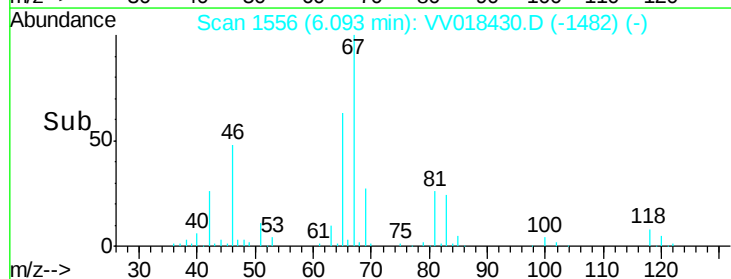
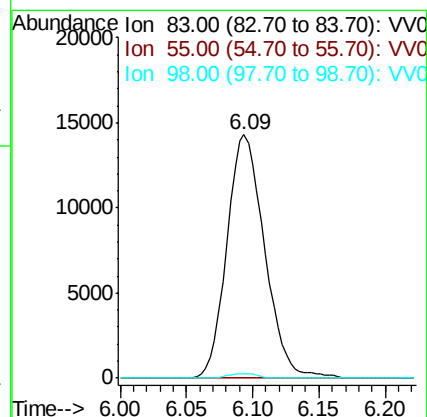
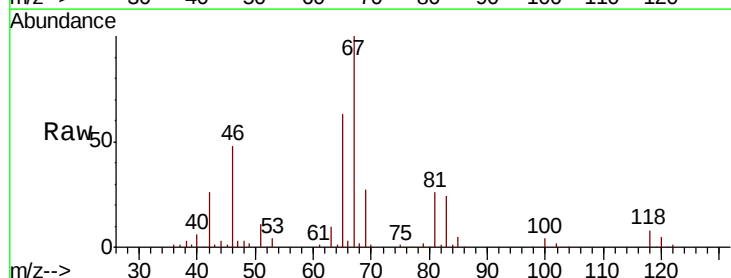
Tgt Ion: 83 Resp: 28322

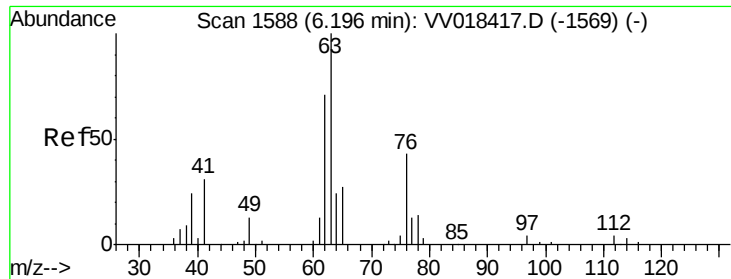
Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

98 1.3 38.8 58.2#

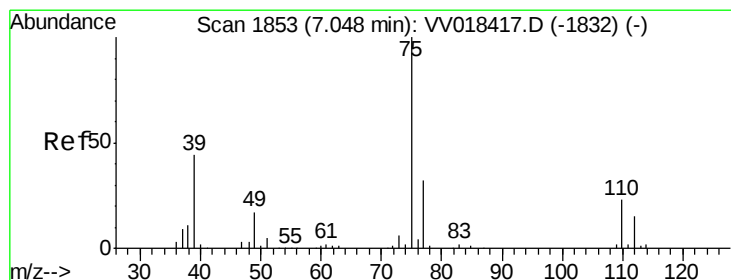
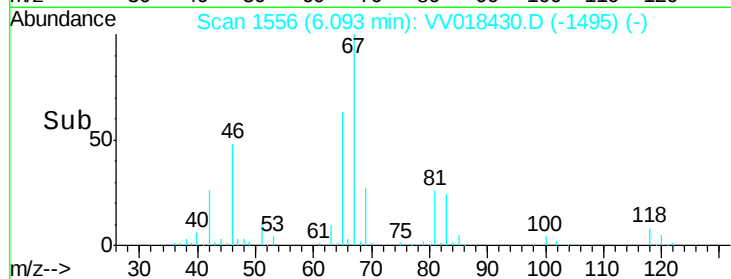
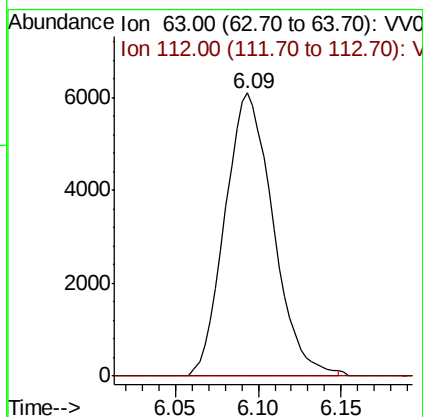
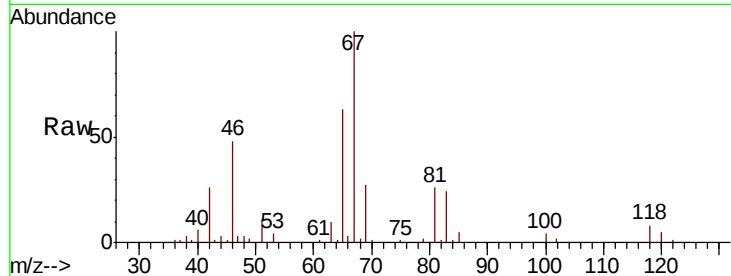




#37
 1,2-Dichloropropane
 Concen: 6.842 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018430.D
 Acq: 24 Sep 2020 15:36

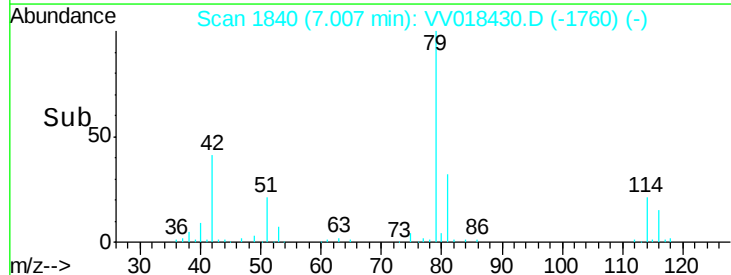
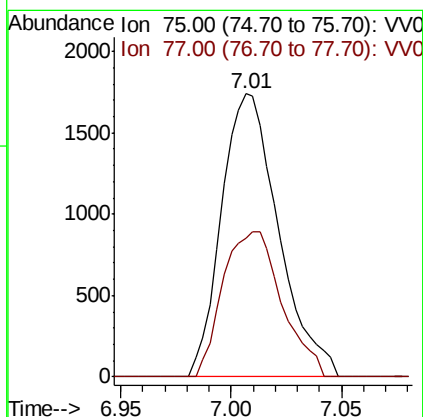
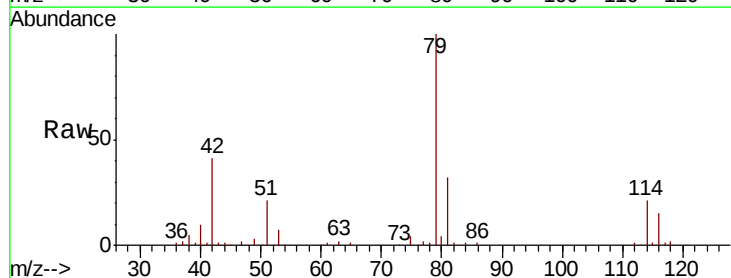
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK50

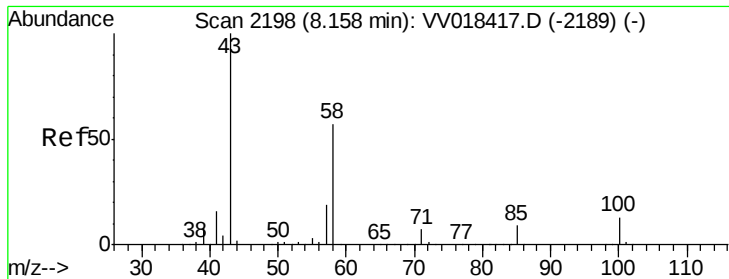
Tot Ion: 63 Resp: 12294
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.128 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018430.D
 Acq: 24 Sep 2020 15:36

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.3 41.3#





#48

2-Hexanone

Concen: 5.501 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV018430.D

Acq: 24 Sep 2020 15:36

Instrument :

MSVOA_V

ClientSampleId :

VIBLK50

Tot Ion: 43 Resp: 9454

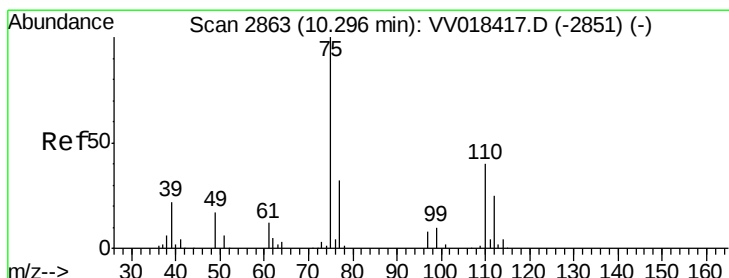
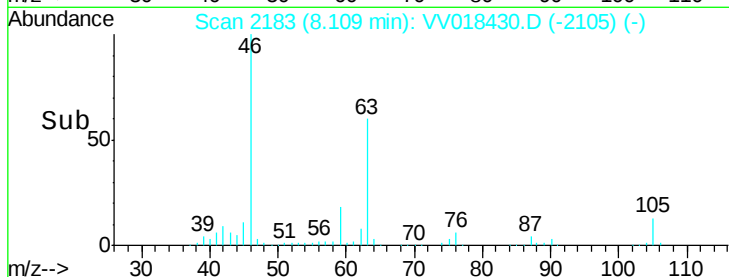
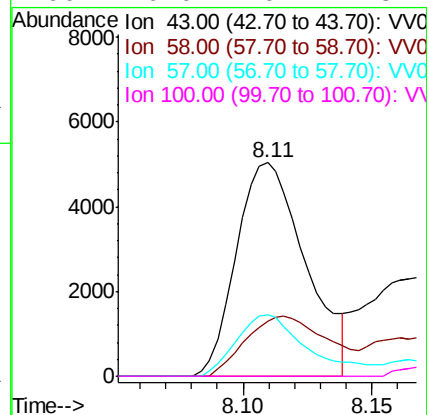
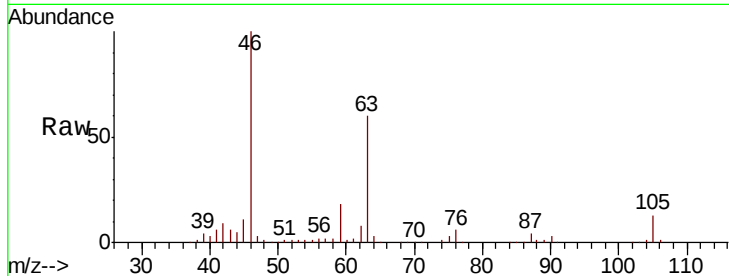
Ion Ratio Lower Upper

43 100

58 33.8 44.8 67.2#

57 29.8 15.8 23.6#

100 0.0 10.2 15.4#



#59

1,2,3-Trichloropropane

Concen: 6.753 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018430.D

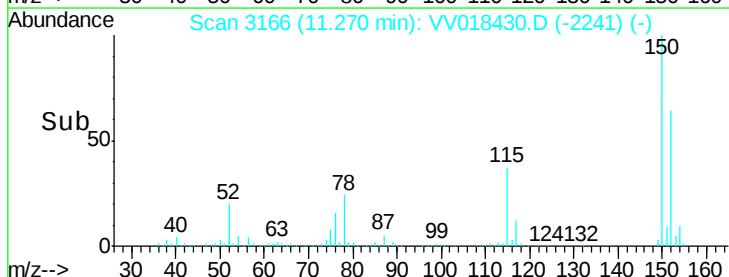
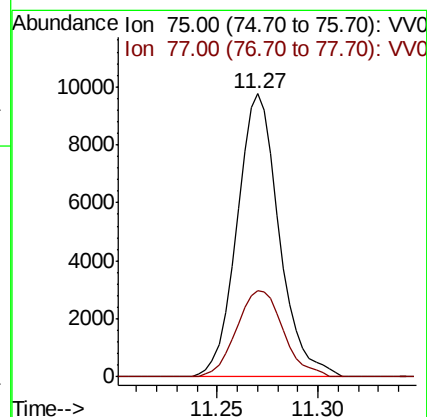
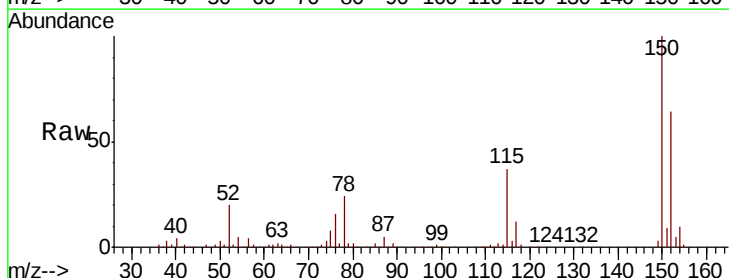
Acq: 24 Sep 2020 15:36

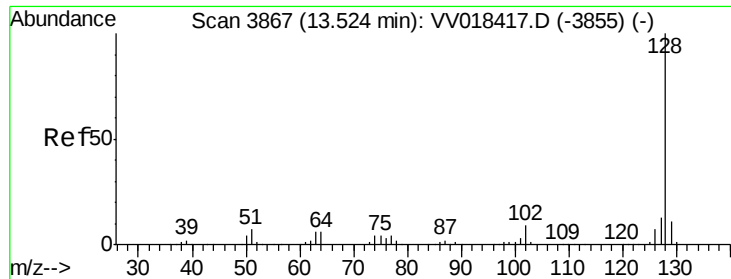
Tgt Ion: 75 Resp: 14272

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.6





#69

Naphthalene

Concen: 0.730 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018430.D

Acq: 24 Sep 2020 15:36

Instrument :

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ClientSampleId :

VIBLK50

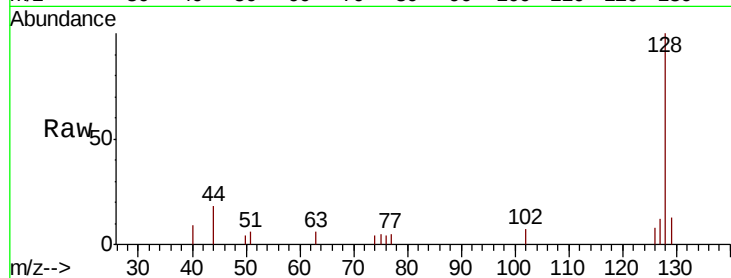
Tot Ion:128 Resp: 4794

Ion Ratio Lower Upper

128 100

127 10.8 10.6 15.8

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

