

Data File : VV014531.D
Acq On : 07 Feb 2020 12:09
Operator : SY/MD
Sample : VV0208WBL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK203

Quant Time: Feb 08 00:05:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 00:03:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	358469	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338080	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	167159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87126	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.59	69	61325	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.13	63	102831	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.92	46	152667	101.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.40	84	212303	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.08	65	137993	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.10	84	462505	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.11	67	144357	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.58%
41) Toluene-d8	7.36	98	429046	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%
43) trans-1,3-Dichloropropene-	7.66	79	73932	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.13	63	123921	101.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.47%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	190426	51.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.16%
66) 1,2-Dichlorobenzene-d4	11.67	152	166041	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

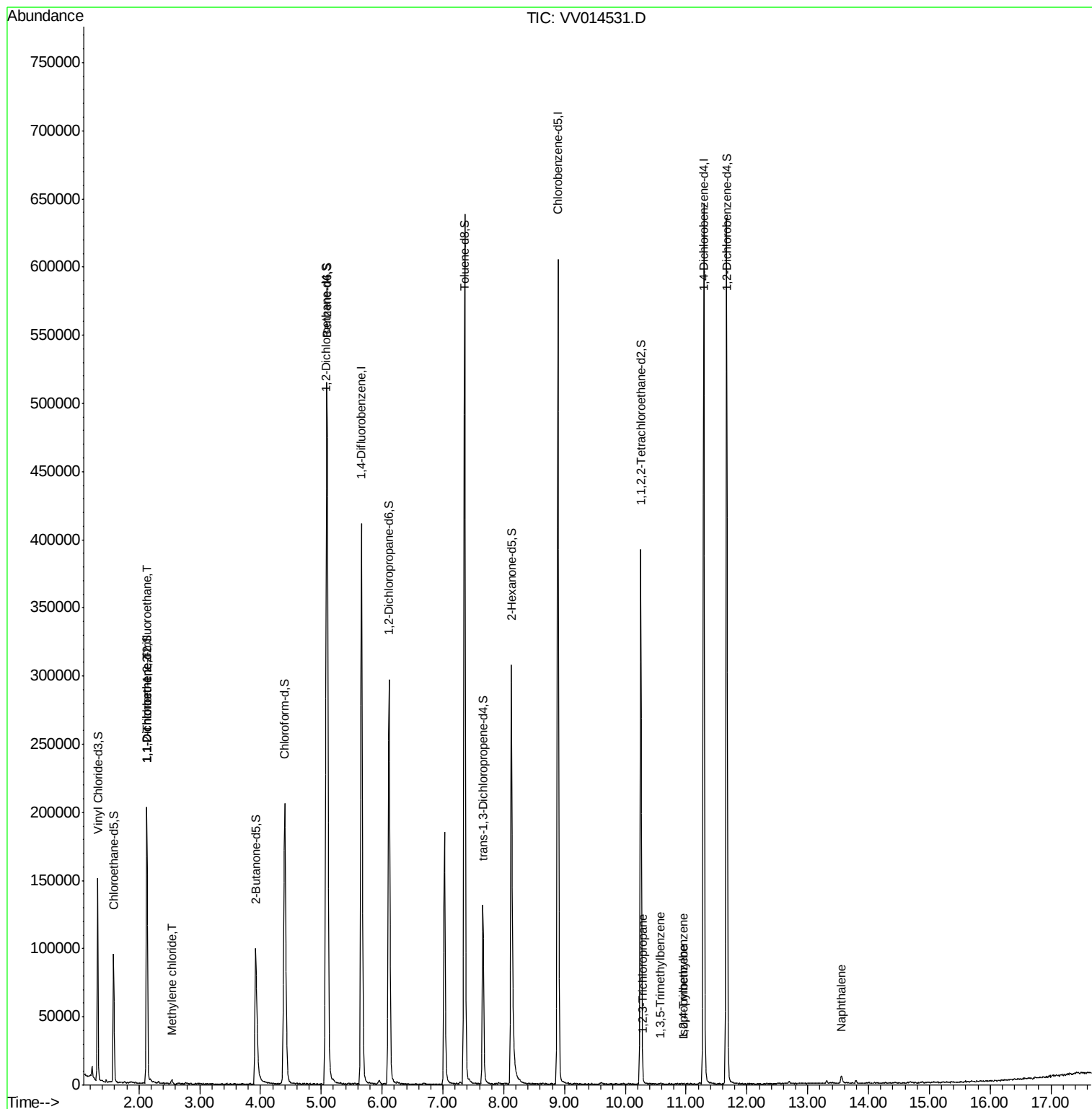
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1151	0.799 ug/L #	22
12) 1,1-Dichloroethene	2.14	96	921	0.668 ug/L #	1
16) Methylene chloride	2.54	84	1144	0.437 ug/L	83
60) Isopropylbenzene	10.95	105	570	0.050 ug/L	98
61) 1,2,3-Trichloropropane	10.30	75	43	0.015 ug/L #	1
62) 1,3,5-Trimethylbenzene	10.58	105	419	0.043 ug/L #	64
63) 1,2,4-Trimethylbenzene	10.95	105	570	0.060 ug/L #	74
71) Naphthalene	13.55	128	5840	0.515 ug/L #	90

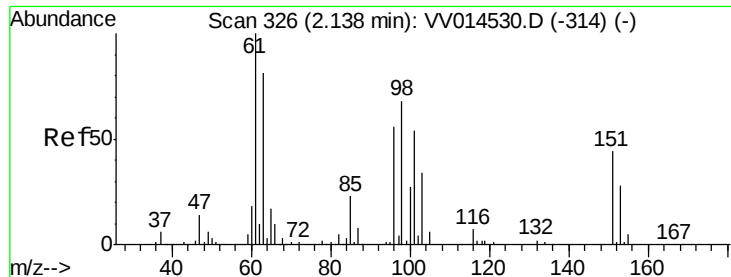
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.799 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014531.D

Acq: 07 Feb 2020 12:09

Instrument :

MSVOA_V

ClientSampled :

VBLK203

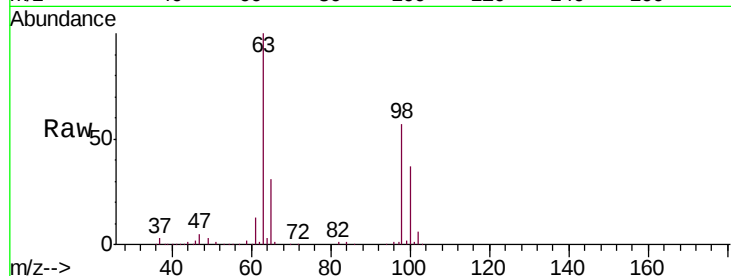
Tgt Ion: 101 Resp: 1151

Ion Ratio Lower Upper

101 100

85 8.9 35.0 52.6#

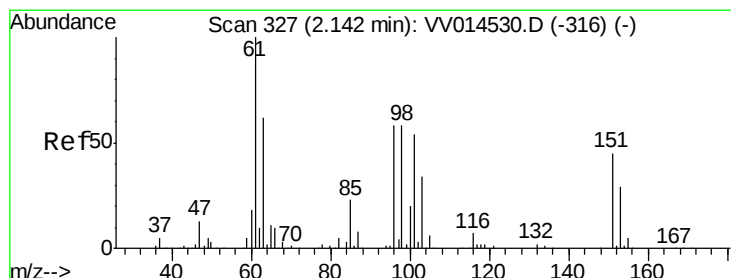
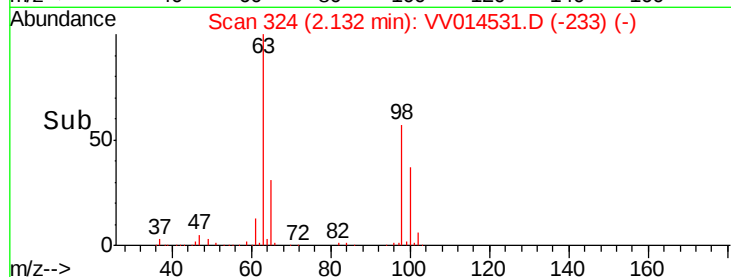
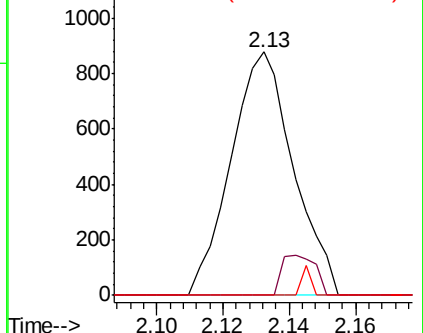
151 0.0 64.4 96.6#



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



#12

1,1-Dichloroethene

Concen: 0.668 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV014531.D

Acq: 07 Feb 2020 12:09

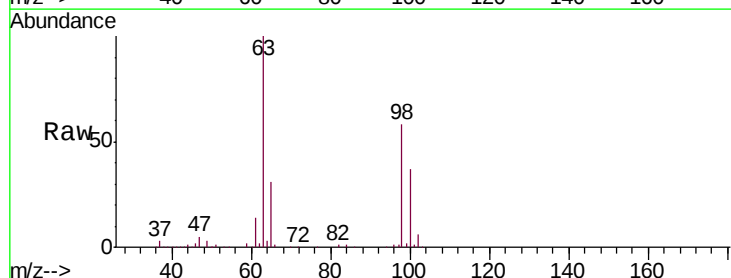
Tgt Ion: 96 Resp: 921

Ion Ratio Lower Upper

96 100

61 1607.4 125.0 232.2#

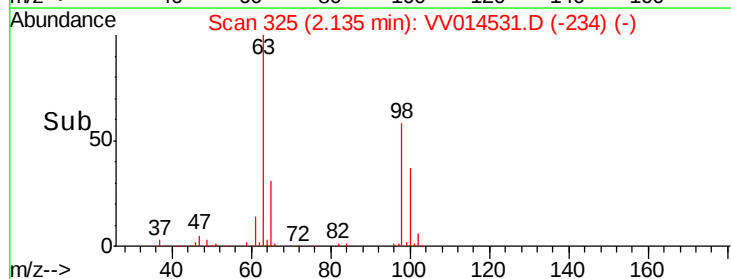
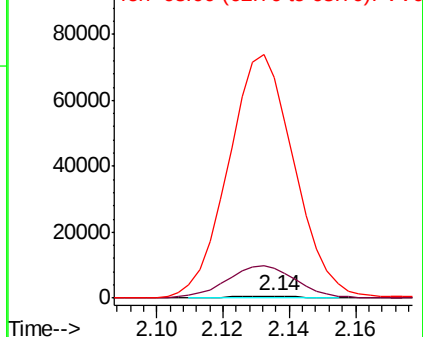
63 11793.3 101.6 188.6#

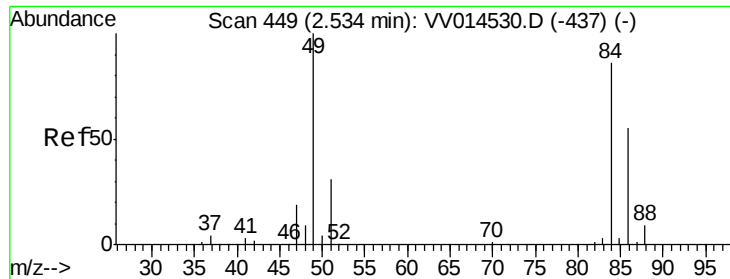


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

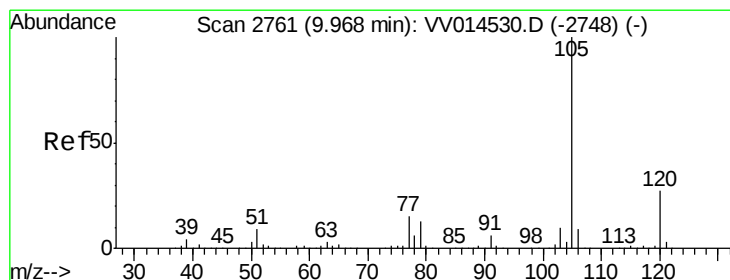
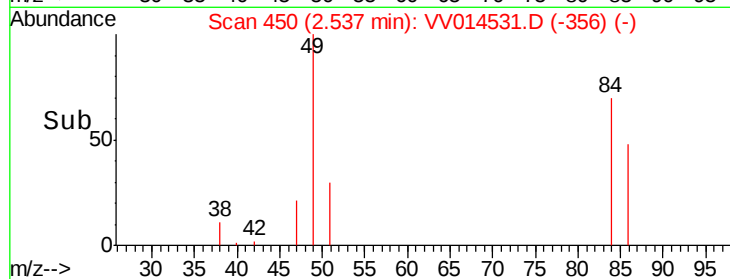
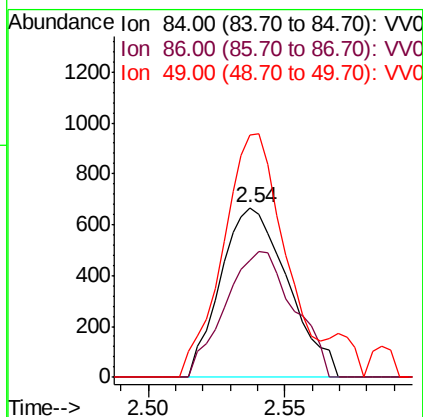
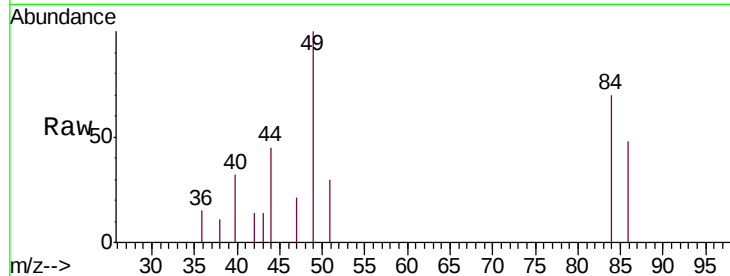




#16
Methylene chloride
Concen: 0.437 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014531.D
Acq: 07 Feb 2020 12:09

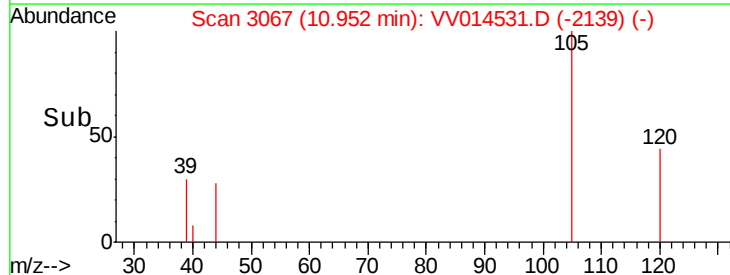
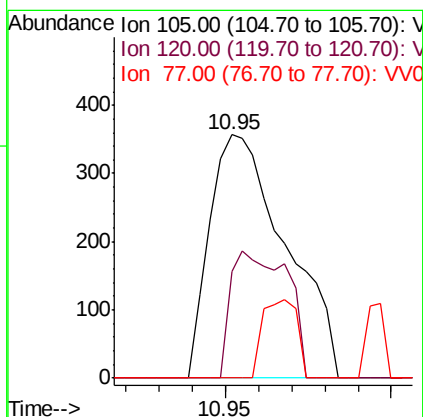
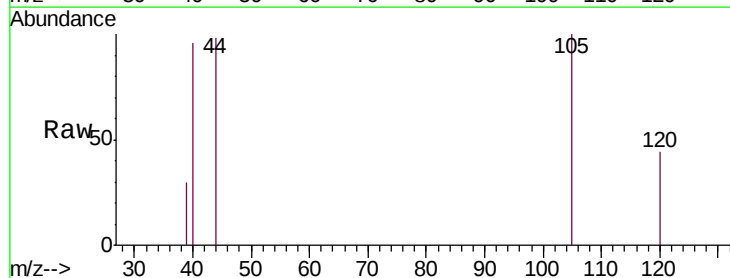
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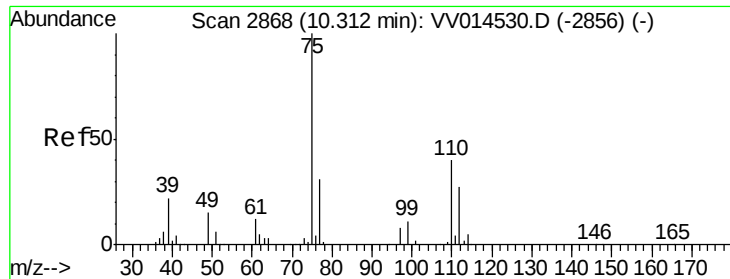
Tgt Ion: 84 Resp: 1144
Ion Ratio Lower Upper
84 100
86 69.2 44.6 82.8
49 143.2 83.2 154.4



#60
Isopropylbenzene
Concen: 0.050 ug/L
RT: 10.95 min Scan# 3067
Delta R.T. 0.98 min
Lab File: VV014531.D
Acq: 07 Feb 2020 12:09

Tgt Ion: 105 Resp: 570
Ion Ratio Lower Upper
105 100
120 28.2 21.5 32.3
77 14.4 12.2 18.4

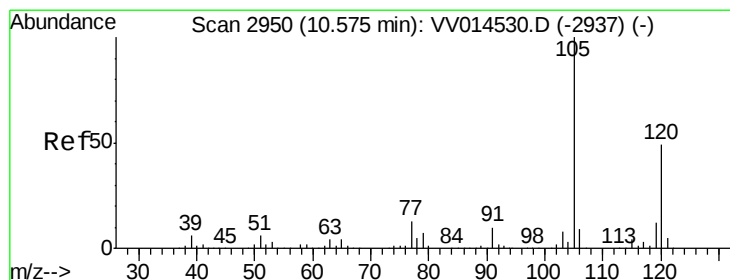
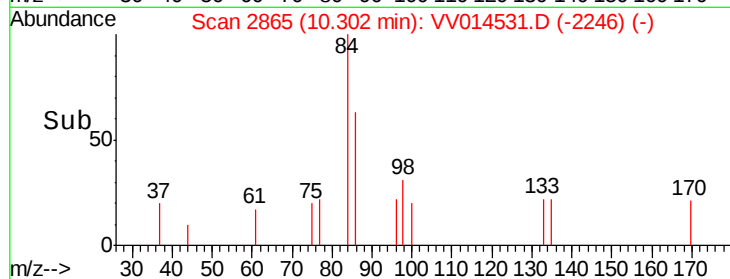
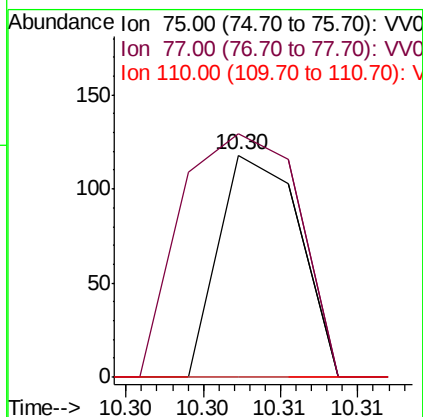
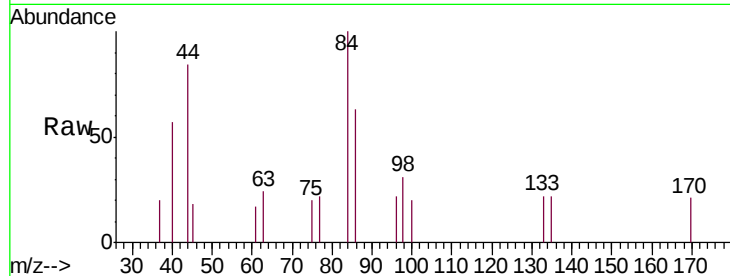




#61
 1,2,3-Trichloropropane
 Concen: 0.015 ug/L
 RT: 10.30 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: VV014531.D
 Acq: 07 Feb 2020 12:09

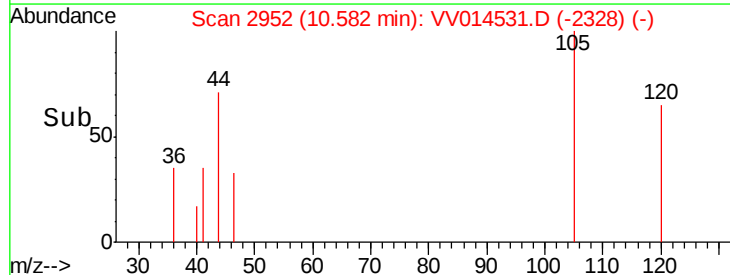
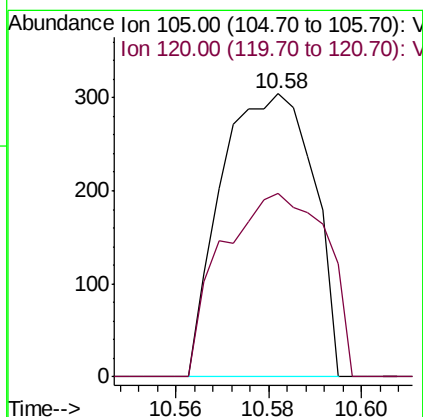
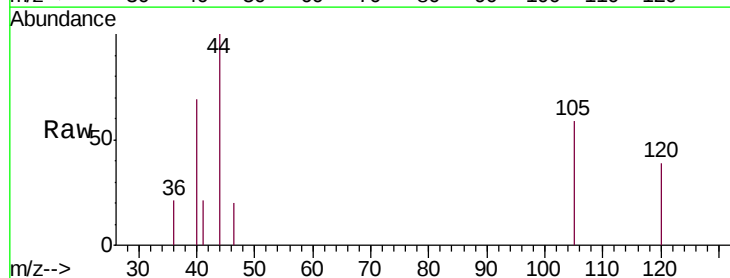
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 MSVOA_V
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 VBLK203

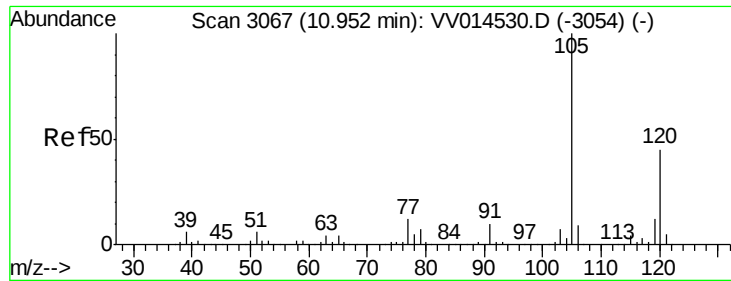
Tgt Ion: 75 Resp: 43
 Ion Ratio Lower Upper
 75 100
 77 158.1 25.8 38.8#
 110 0.0 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.043 ug/L
 RT: 10.58 min Scan# 2952
 Delta R.T. 0.01 min
 Lab File: VV014531.D
 Acq: 07 Feb 2020 12:09

Tgt Ion: 105 Resp: 419
 Ion Ratio Lower Upper
 105 100
 120 73.3 39.0 58.6#

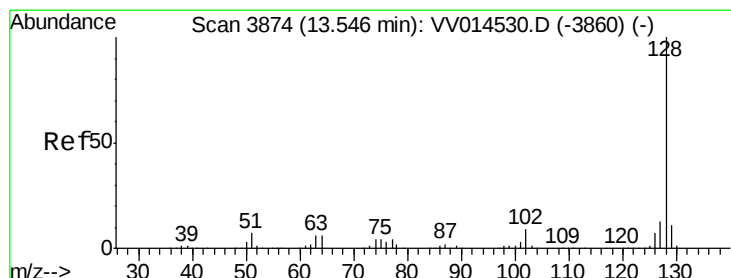
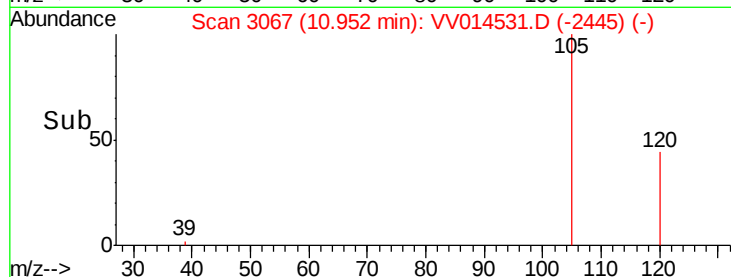
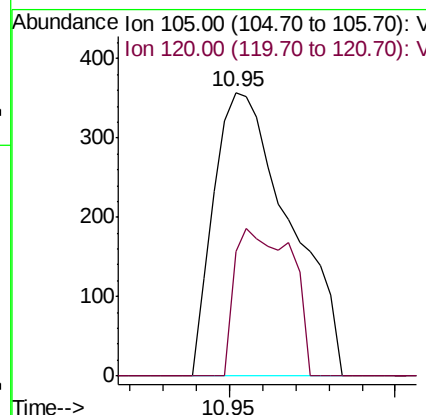
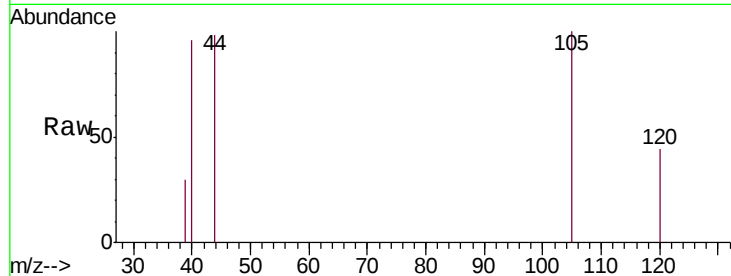




#63
 1,2,4-Trimethylbenzene
 Concen: 0.060 ug/L
 RT: 10.95 min Scan# 3067
 Delta R.T. 0.00 min
 Lab File: VV014531.D
 Acq: 07 Feb 2020 12:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK203

Tgt Ion:105 Resp: 570
 Ion Ratio Lower Upper
 105 100
 120 28.2 36.2 54.4#



#71
 Naphthalene
 Concen: 0.515 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.01 min
 Lab File: VV014531.D
 Acq: 07 Feb 2020 12:09

Tgt Ion:128 Resp: 5840
 Ion Ratio Lower Upper
 128 100
 127 9.3 10.3 15.5#
 129 7.1 8.7 13.1#

