

Data File : VV014613.D
Acq On : 19 Feb 2020 18:11
Operator : SY/MD
Sample : VV0219WBL02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK702

Quant Time: Feb 20 02:51:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 02:48:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	243631	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227231	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	110571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44334	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	34843	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.12	63	63894	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.95	46	99193	52.67	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	4.40	84	93653	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.07	65	71908	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	305836	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.11	67	86917	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.35	98	285728	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	35462	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.13	63	130207	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	63080	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
66) 1,2-Dichlorobenzene-d4	11.67	152	101538	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

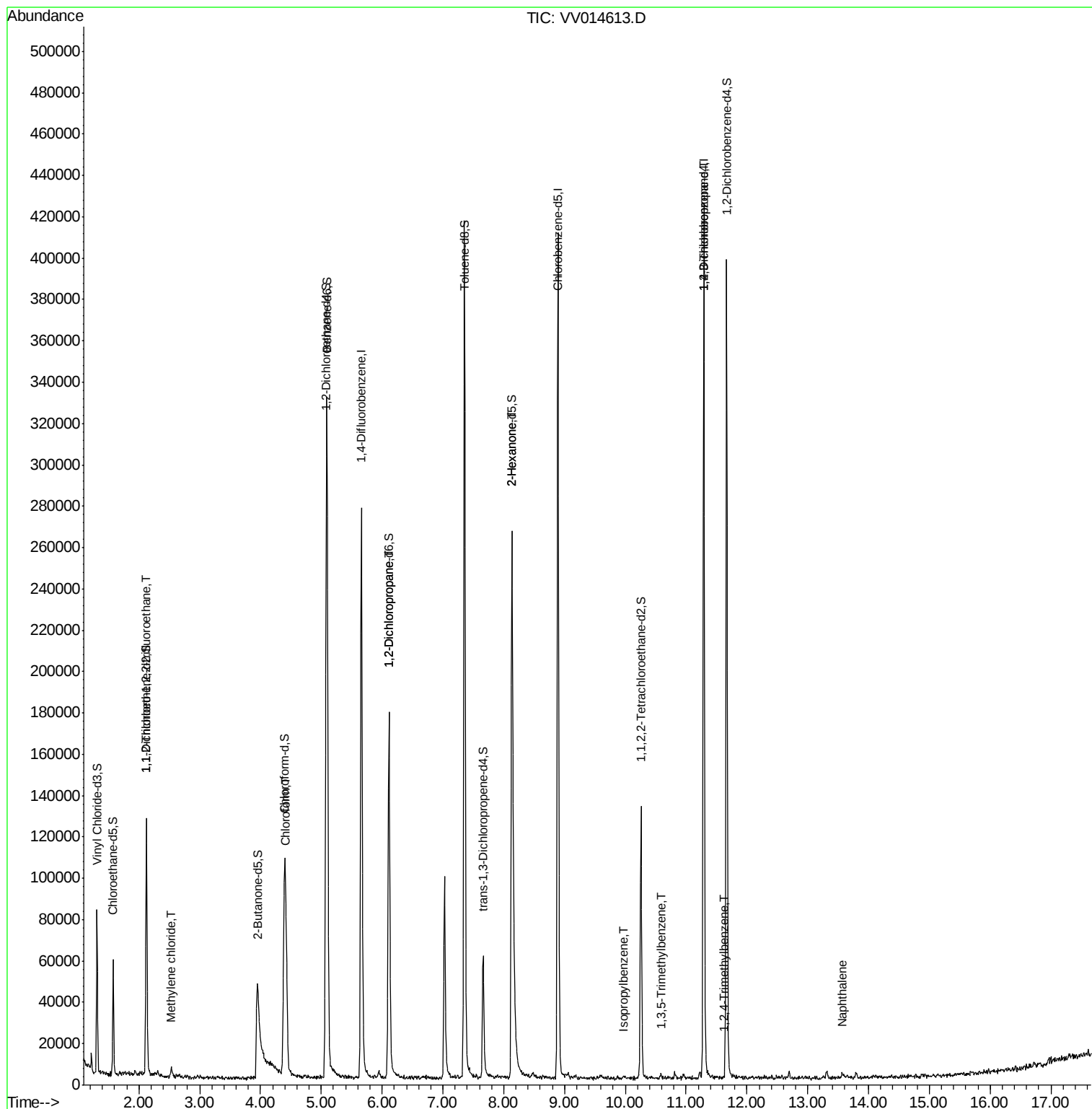
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	899	0.101 ug/L #	28
16) Methylene chloride	2.54	84	2262	0.136 ug/L	78
25) Chloroform	4.42	83	56762	1.476 ug/L	100
37) 1,2-Dichloropropane	6.11	63	9693	0.665 ug/L #	85
48) 2-Hexanone	8.13	43	14332	2.813 ug/L #	74
60) Isopropylbenzene	9.97	105	1076	0.014 ug/L #	73
61) 1,2,3-Trichloropropane	11.29	75	13027	1.491 ug/L #	63
62) 1,3,5-Trimethylbenzene	10.58	105	801	0.013 ug/L #	63
63) 1,2,4-Trimethylbenzene	11.61	105	52	0.001 ug/L	92
71) Naphthalene	13.57	128	2647	0.071 ug/L #	90

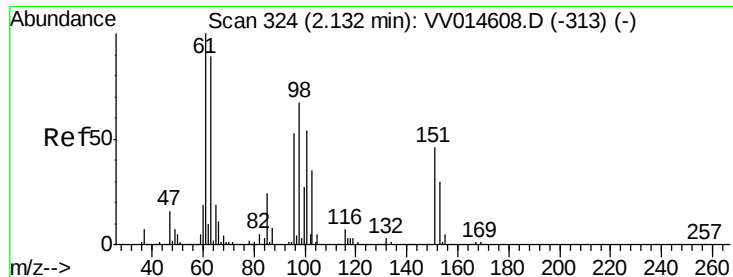
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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ClientSampleId :

VBLK702

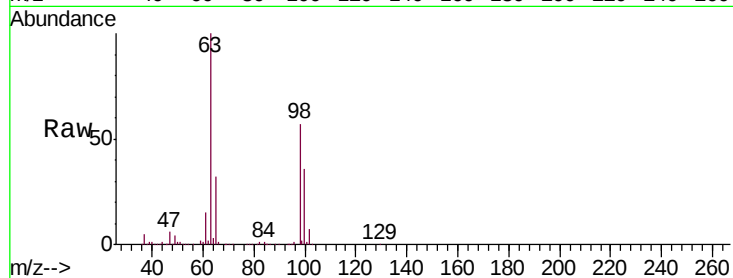
Tgt Ion: 101 Resp: 899

Ion Ratio Lower Upper

101 100

85 18.9 37.3 55.9#

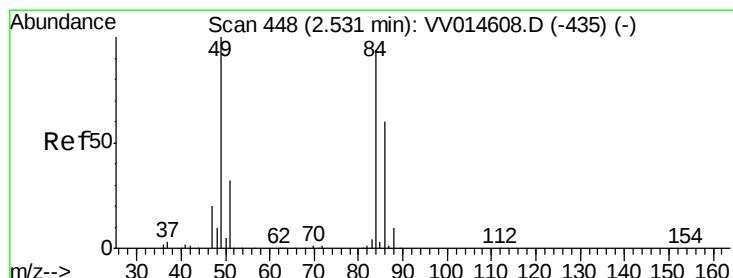
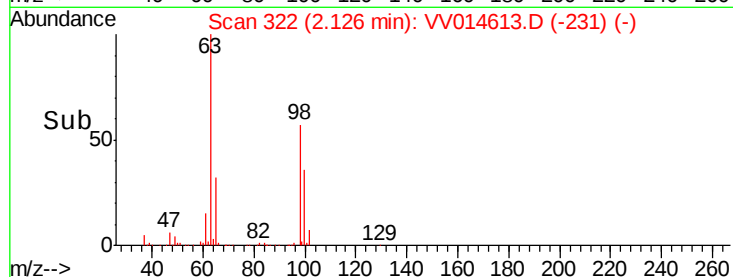
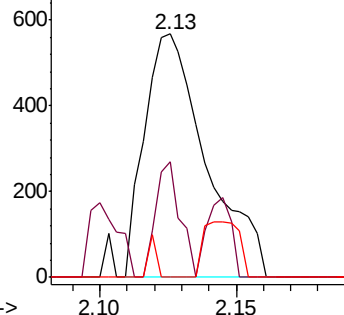
151 2.1 66.3 99.5#



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



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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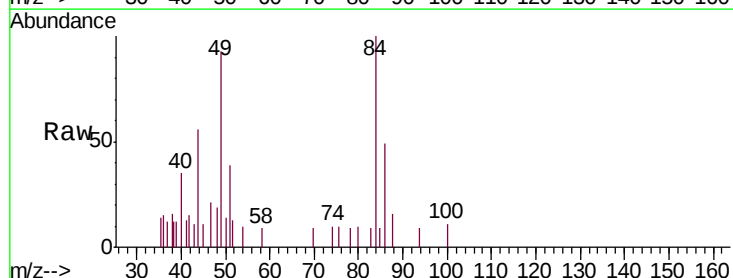
Tgt Ion: 84 Resp: 2262

Ion Ratio Lower Upper

84 100

86 45.4 44.8 83.2

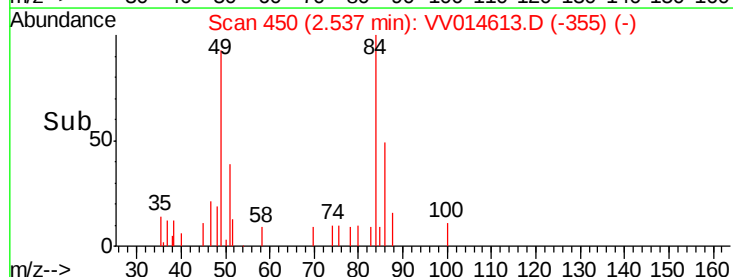
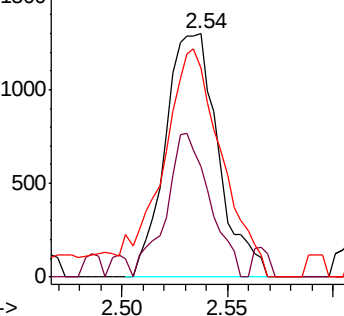
49 85.7 74.8 139.0

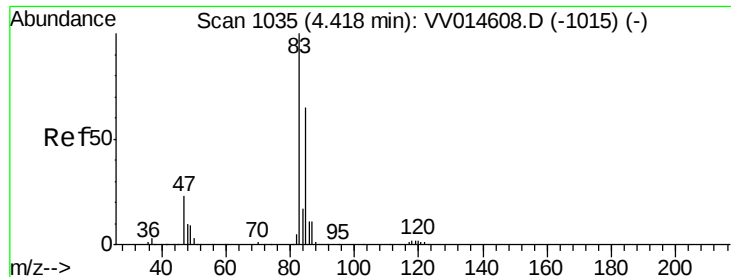


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 1.476 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

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ClientSampleId :

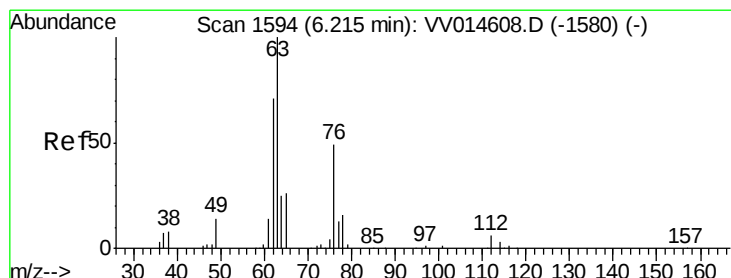
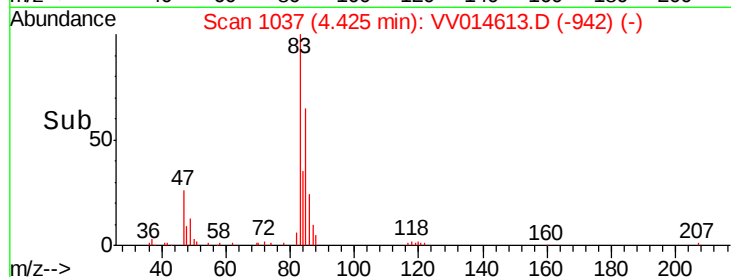
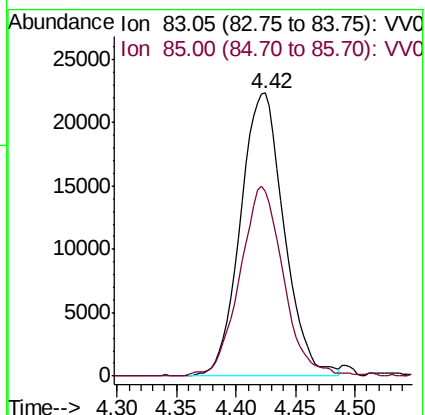
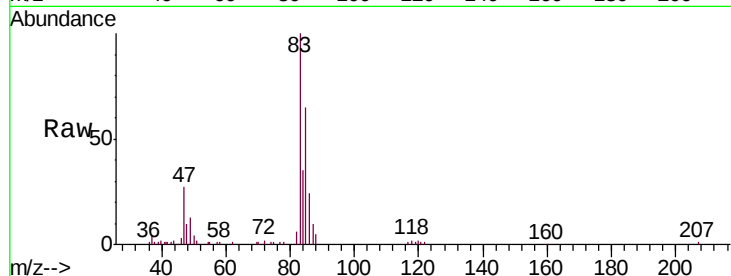
VBLK702

Tgt Ion: 83 Resp: 56762

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.2



#37

1,2-Dichloropropane

Concen: 0.665 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014613.D

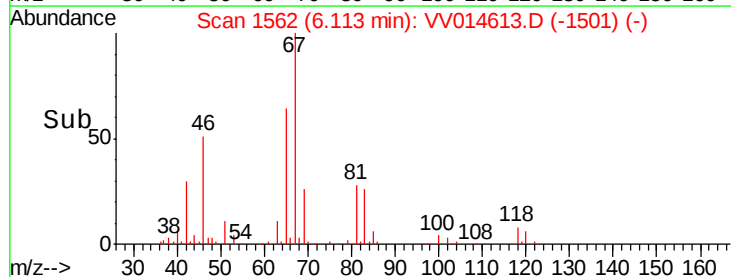
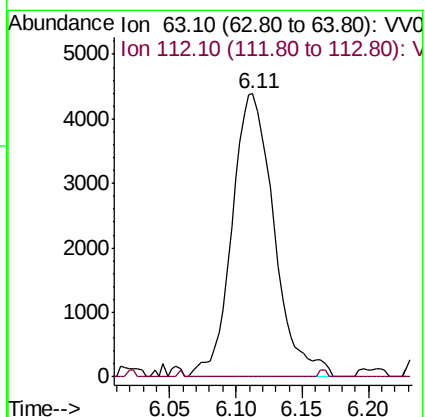
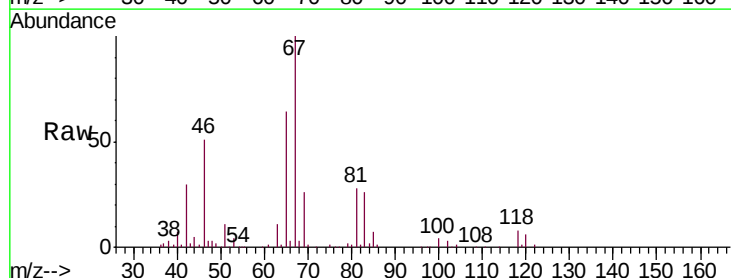
Acq: 19 Feb 2020 18:11

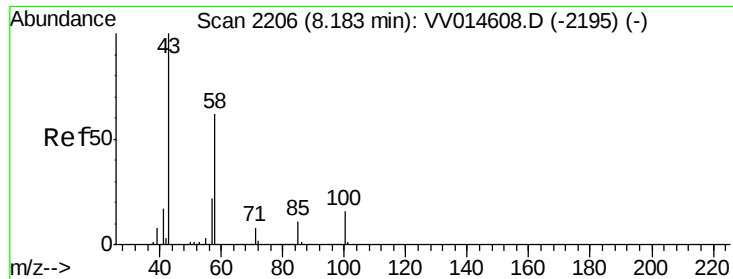
Tgt Ion: 63 Resp: 9693

Ion Ratio Lower Upper

63 100

112 0.4 4.3 6.5#

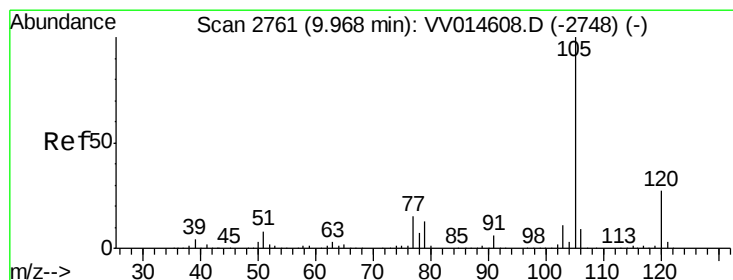
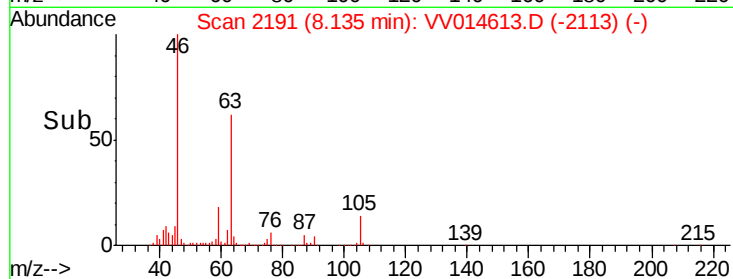
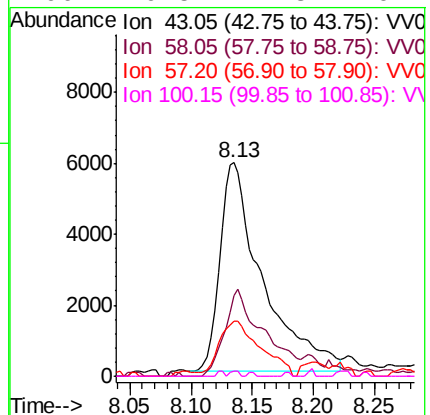
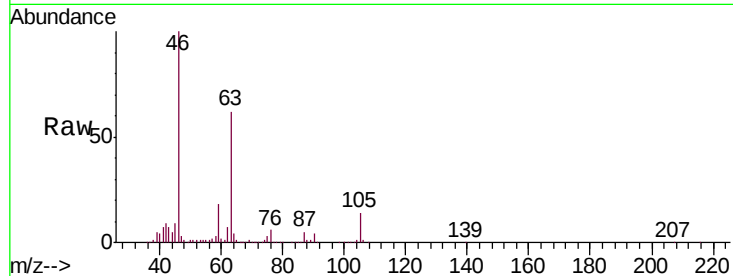




#48
2-Hexanone
Concen: 2.813 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014613.D
Acq: 19 Feb 2020 18:11

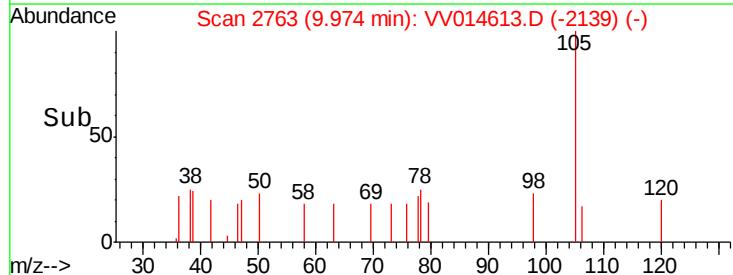
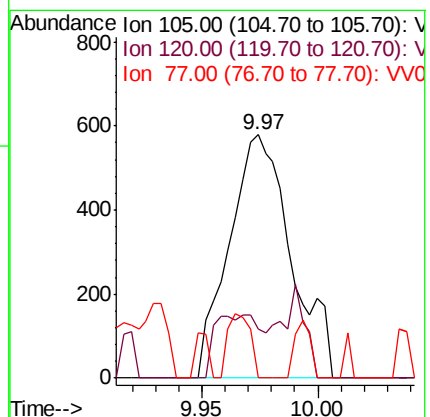
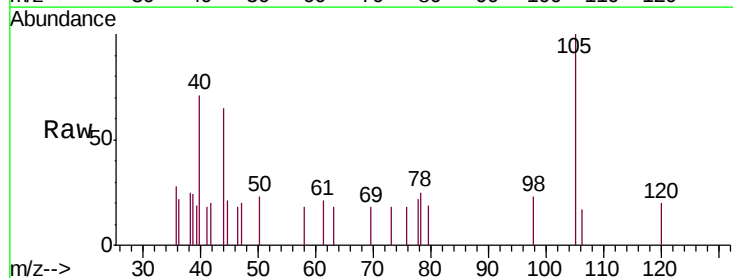
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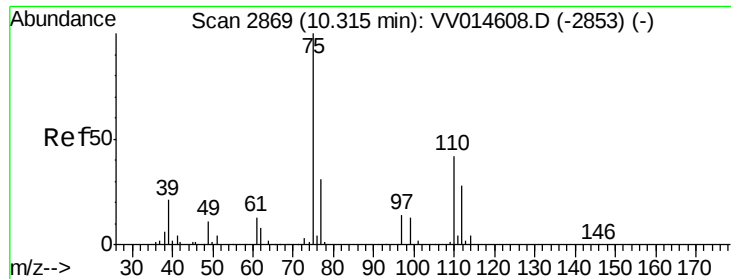
Tgt Ion: 43 Resp: 14332
Ion Ratio Lower Upper
43 100
58 38.2 48.6 73.0#
57 25.7 17.7 26.5
100 0.5 12.8 19.2#



#60
Isopropylbenzene
Concen: 0.014 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.01 min
Lab File: VV014613.D
Acq: 19 Feb 2020 18:11

Tgt Ion: 105 Resp: 1076
Ion Ratio Lower Upper
105 100
120 15.1 21.3 31.9#
77 0.0 12.2 18.4#





#61

1,2,3-Trichloropropane

Concen: 1.491 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV014613.D

Acq: 19 Feb 2020 18:11

Instrument :

MSVOA_V

ClientSampleId :

VBLK702

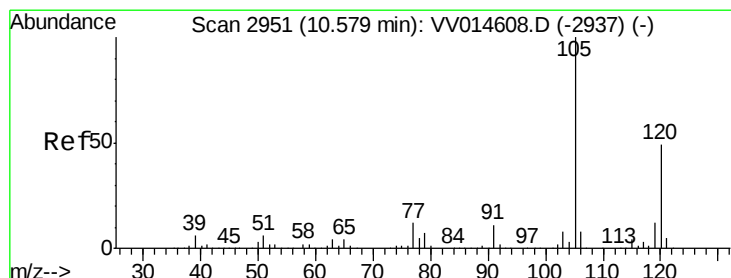
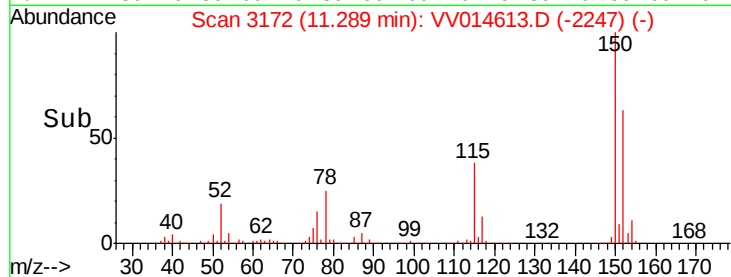
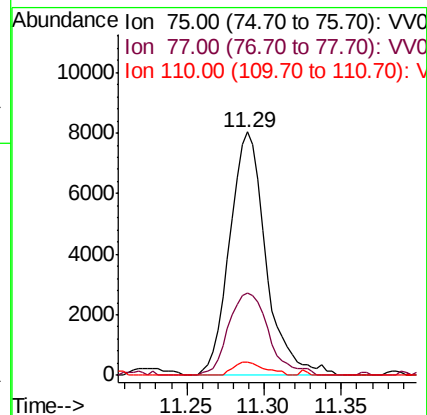
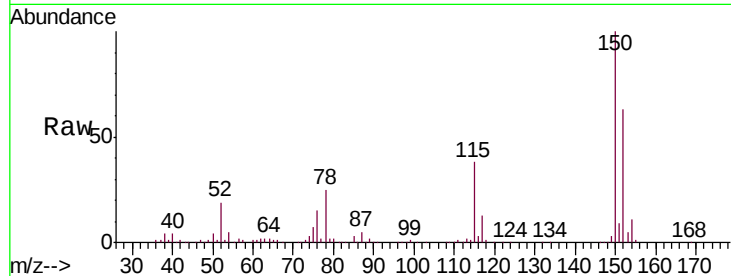
Tgt Ion: 75 Resp: 13027

Ion Ratio Lower Upper

75 100

77 37.8 26.3 39.5

110 4.7 33.6 50.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.013 ug/L

RT: 10.58 min Scan# 2952

Delta R.T. 0.00 min

Lab File: VV014613.D

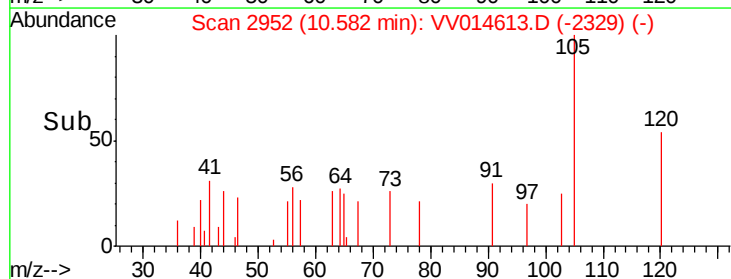
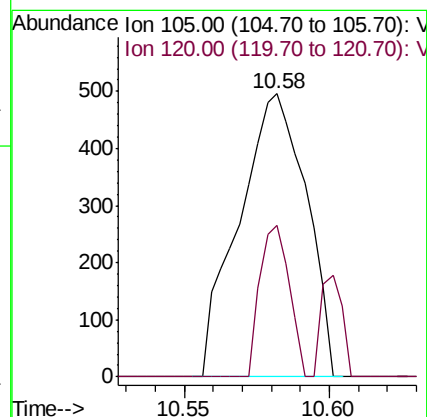
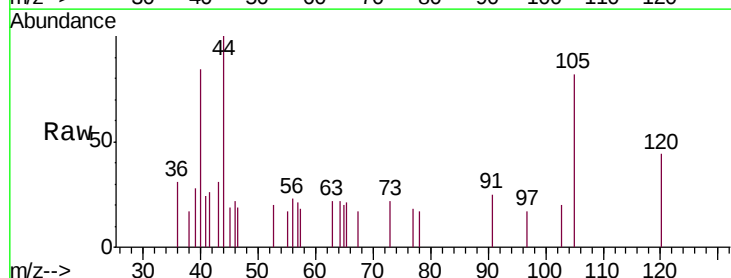
Acq: 19 Feb 2020 18:11

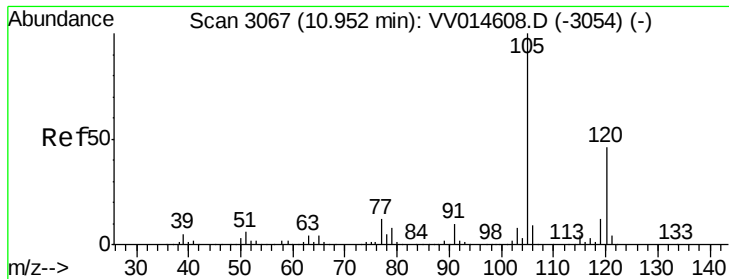
Tgt Ion: 105 Resp: 801

Ion Ratio Lower Upper

105 100

120 23.5 38.7 58.1#

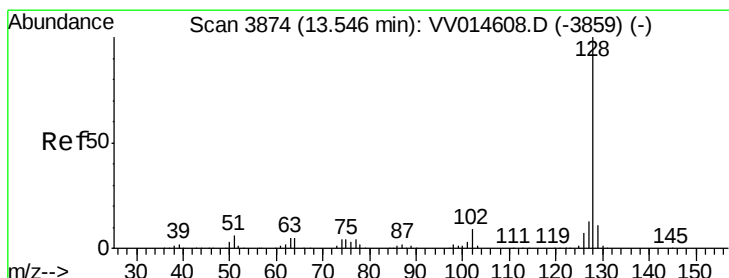
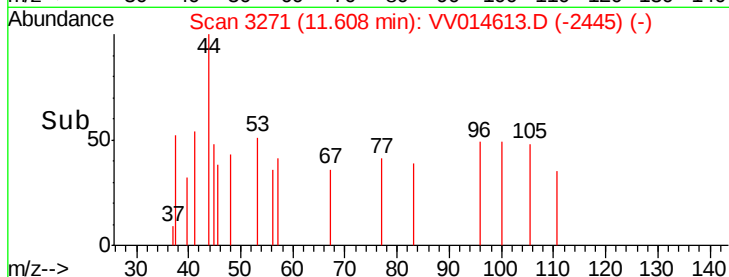
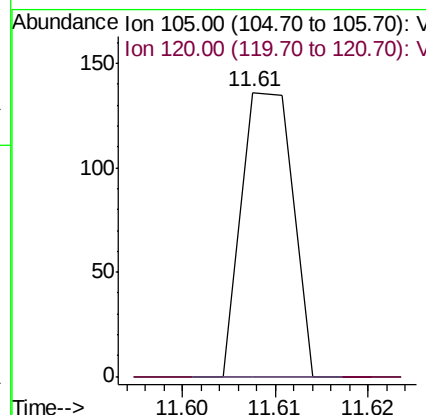
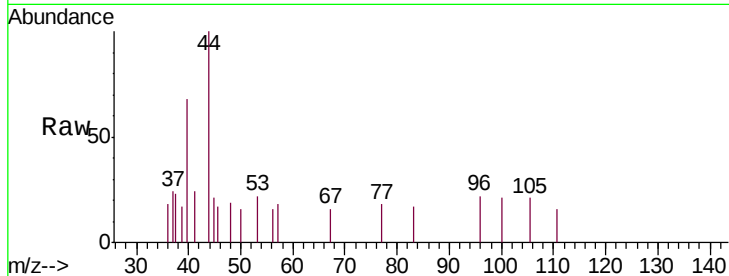




#63
 1,2,4-Trimethylbenzene
 Concen: 0.001 ug/L
 RT: 11.61 min Scan# 3271
 Delta R.T. 0.66 min
 Lab File: VV014613.D
 Acq: 19 Feb 2020 18:11

Instrument :
 MSVOA_V
 ClientSampled :
 VBLK702

Tgt Ion:105 Resp: 52
 Ion Ratio Lower Upper
 105 100
 120 40.4 36.5 54.7



#71
 Naphthalene
 Concen: 0.071 ug/L
 RT: 13.57 min Scan# 3882
 Delta R.T. 0.03 min
 Lab File: VV014613.D
 Acq: 19 Feb 2020 18:11

Tgt Ion:128 Resp: 2647
 Ion Ratio Lower Upper
 128 100
 129 8.3 8.7 13.1#
 127 8.2 10.4 15.6#

