

Data File : VV014534.D
Acq On : 07 Feb 2020 13:21
Operator : SY/MD
Sample : VV0208MBL02
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK206

Quant Time: Feb 08 00:05:42 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	329776	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	308532	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	153551	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76277	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.30%
7) Chloroethane-d5	1.58	69	53618	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.13	63	91066	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.92	46	141823	102.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.73%
24) Chloroform-d	4.40	84	194572	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
26) 1,2-Dichloroethane-d4	5.08	65	125737	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.10	84	414327	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	129090	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.36	98	386260	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	68241	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.16%
47) 2-Hexanone-d5	8.13	63	115978	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	172492	50.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	11.67	152	149427	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

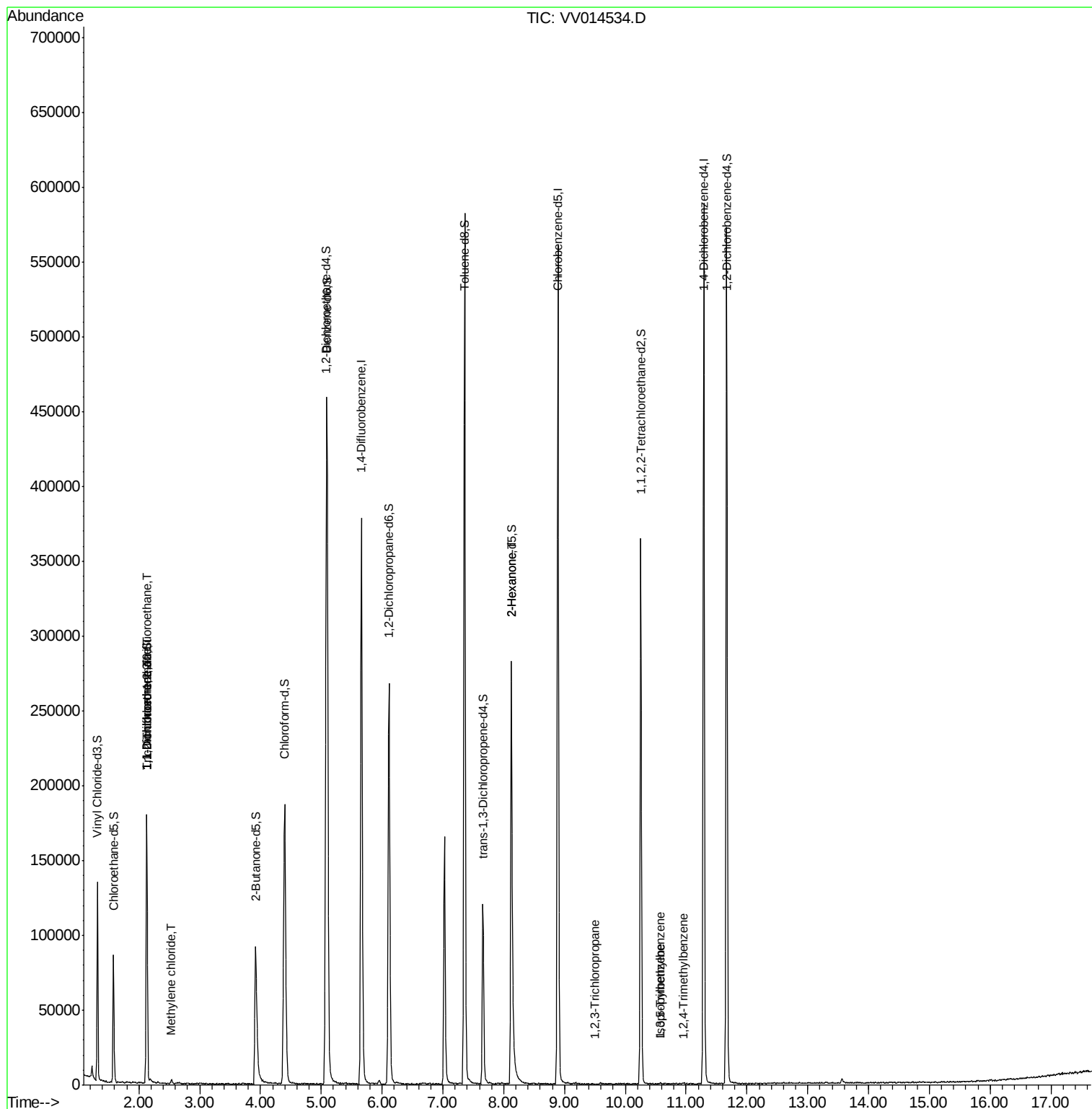
						Qvalue
9) Trichlorofluoromethane	2.13	101	1000	0.362	ug/L #	28
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1000	0.755	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	860	0.679	ug/L #	1
16) Methylene chloride	2.54	84	782	0.325	ug/L	96
48) 2-Hexanone	8.13	43	12197	5.307	ug/L #	66
60) Isopropylbenzene	10.59	105	302	0.029	ug/L	92
61) 1,2,3-Trichloropropane	9.51	75	41	0.015	ug/L #	12
62) 1,3,5-Trimethylbenzene	10.59	105	302	0.034	ug/L #	61
63) 1,2,4-Trimethylbenzene	10.94	105	76	0.009	ug/L #	31

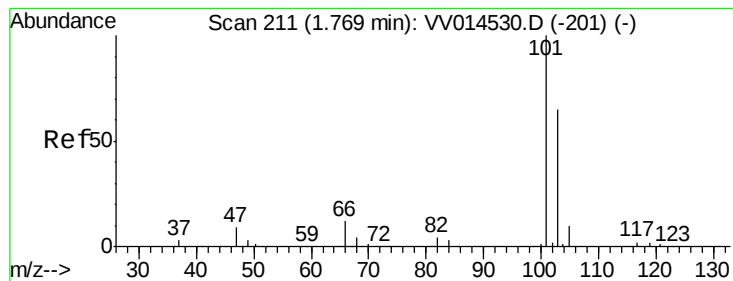
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.362 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

Instrument :

MSVOA_V

ClientSampleId :

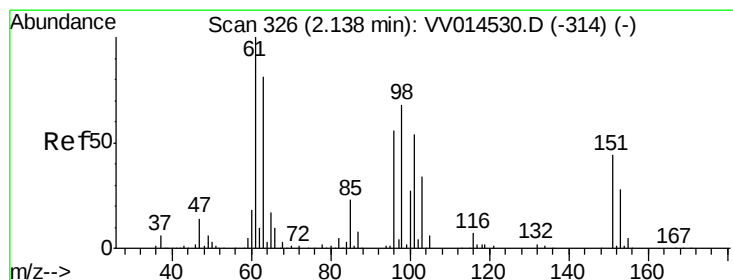
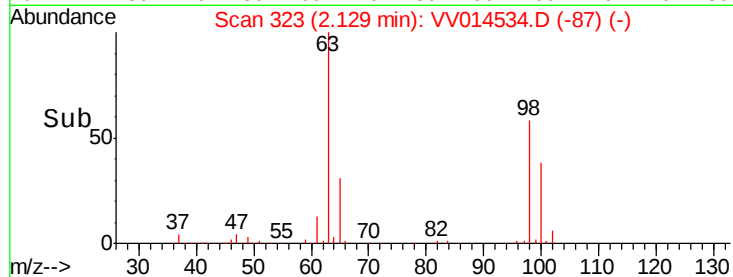
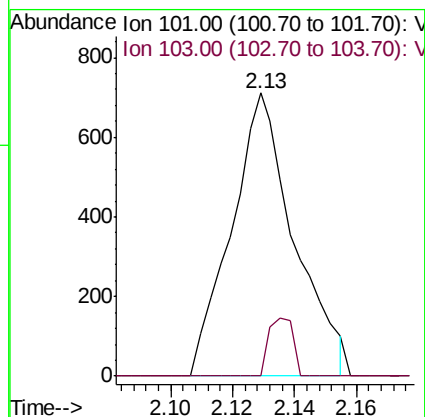
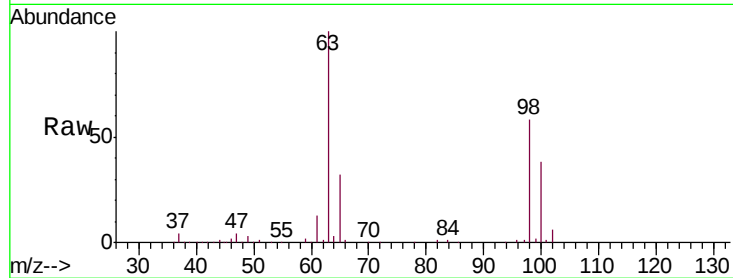
VBLK206

Tgt Ion:101 Resp: 1000

Ion Ratio Lower Upper

101 100

103 7.9 51.8 77.8#



#10

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

Concen: 0.755 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

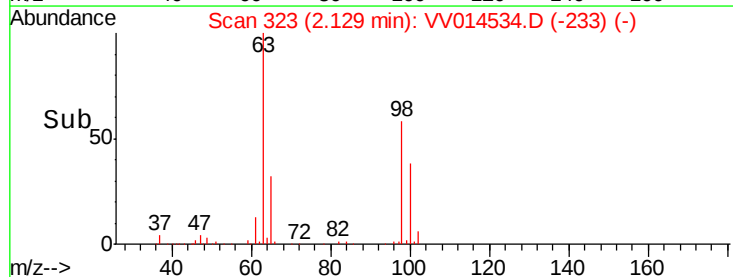
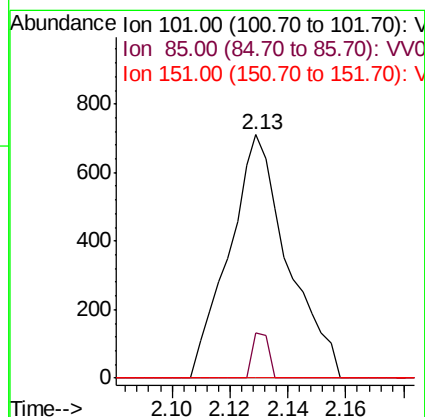
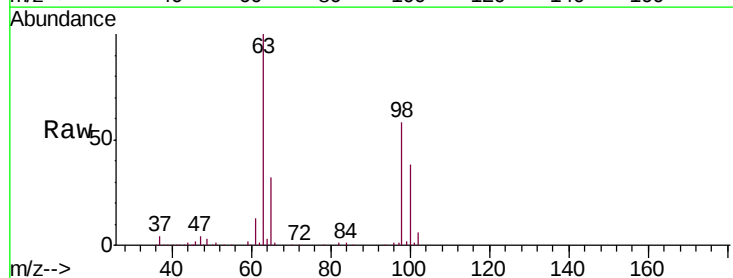
Tgt Ion:101 Resp: 1000

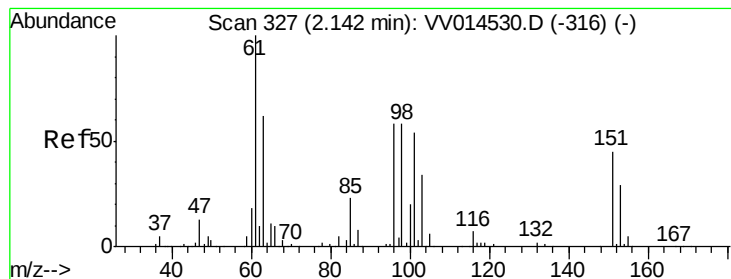
Ion Ratio Lower Upper

101 100

85 5.0 35.0 52.6#

151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 0.679 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

Instrument :

MSVOA_V

ClientSampled :

VBLK206

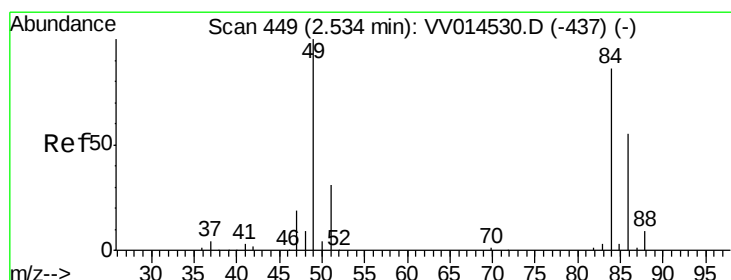
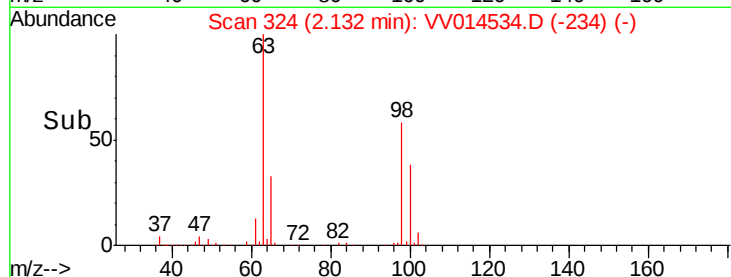
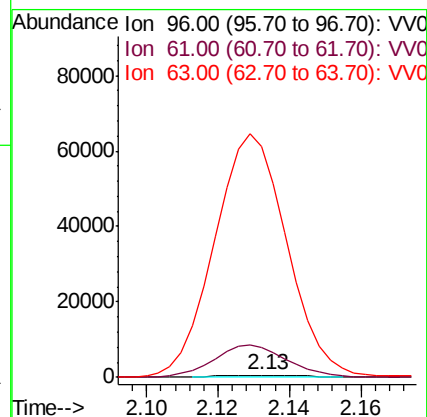
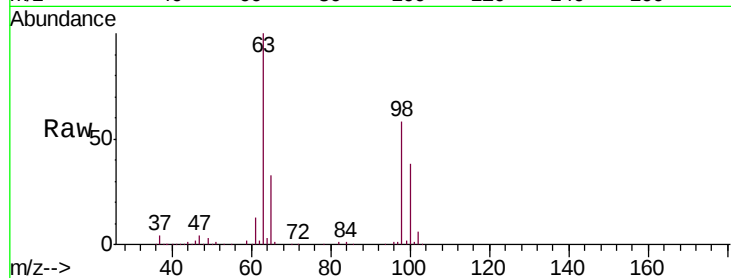
Tgt Ion: 96 Resp: 860

Ion Ratio Lower Upper

96 100

61 1377.3 125.0 232.2#

63 10620.8 101.6 188.6#



#16

Methylene chloride

Concen: 0.325 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

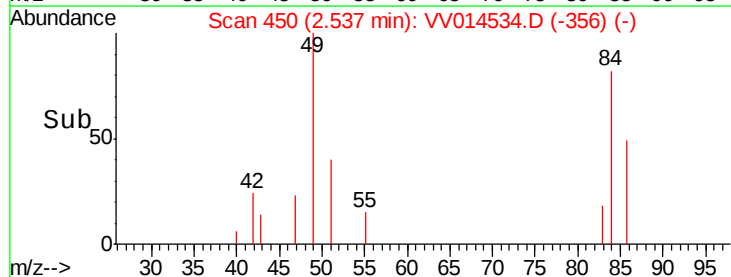
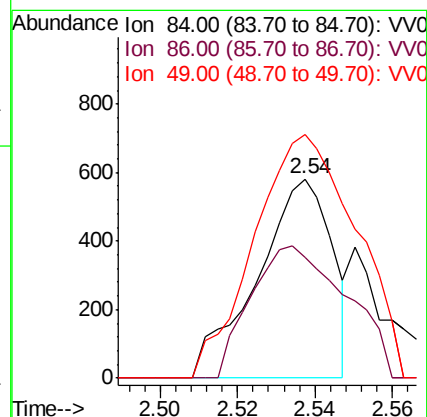
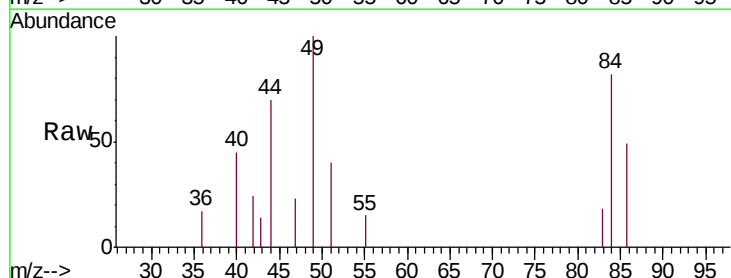
Tgt Ion: 84 Resp: 782

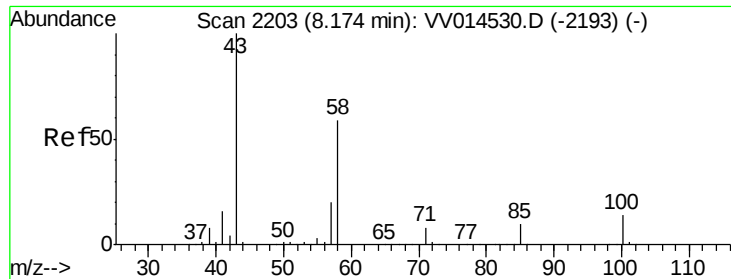
Ion Ratio Lower Upper

84 100

86 60.4 44.6 82.8

49 122.4 83.2 154.4

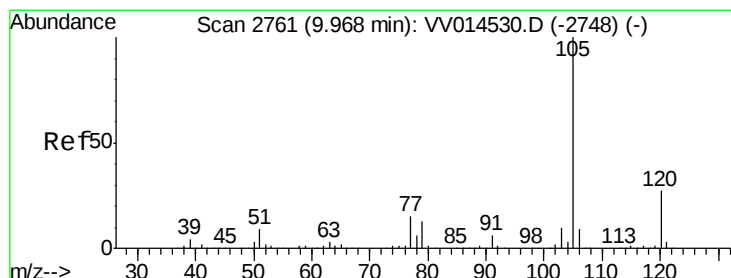
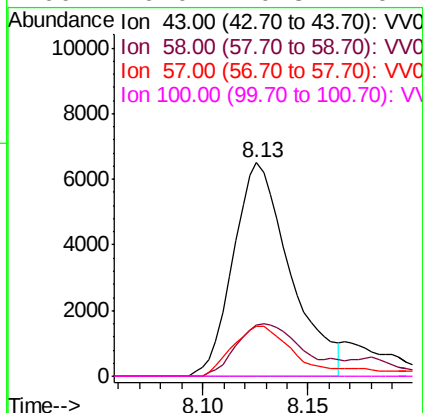
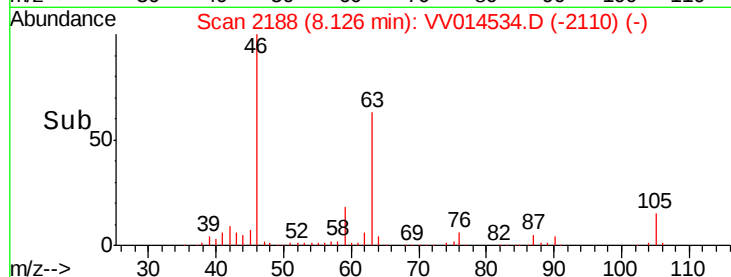
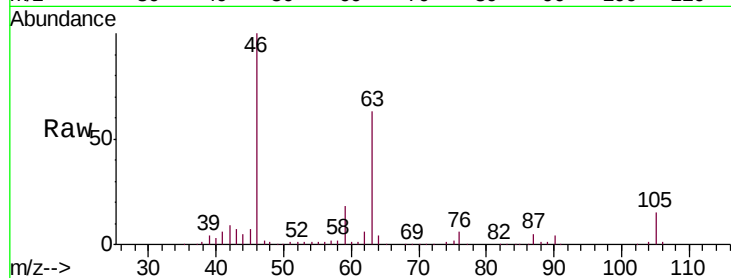




#48
2-Hexanone
Concen: 5.307 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014534.D
Acq: 07 Feb 2020 13:21

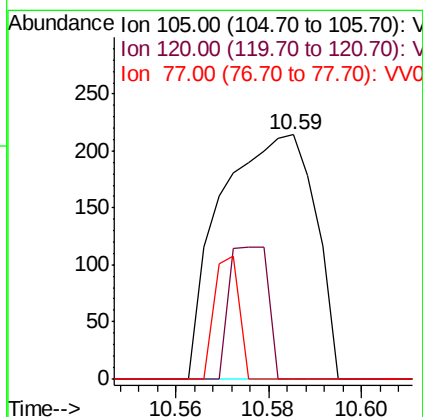
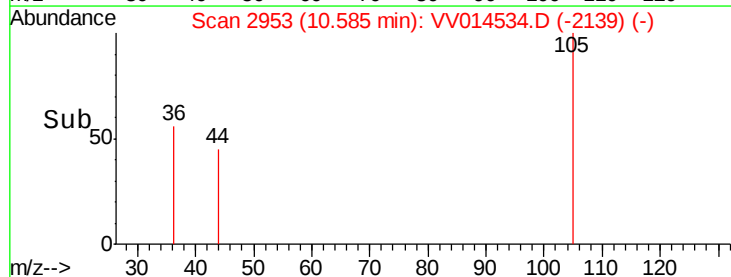
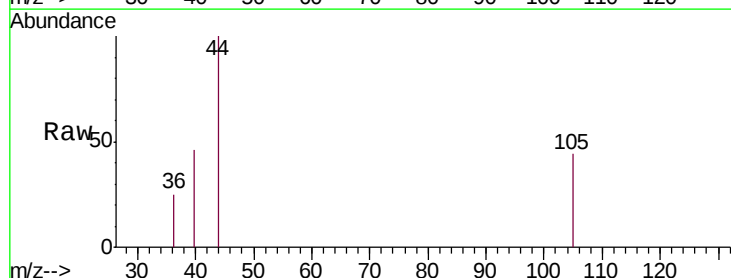
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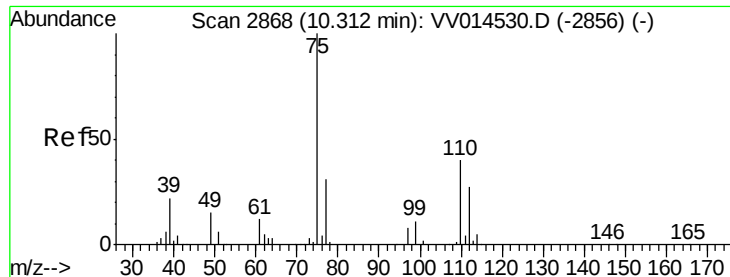
Tgt Ion:	43	Resp:	12197
Ion	Ratio	Lower	Upper
43	100		
58	26.1	45.5	68.3#
57	24.7	15.8	23.6#
100	0.0	10.8	16.2#



#60
Isopropylbenzene
Concen: 0.029 ug/L
RT: 10.59 min Scan# 2953
Delta R.T. 0.62 min
Lab File: VV014534.D
Acq: 07 Feb 2020 13:21

Tgt Ion:	105	Resp:	302
Ion	Ratio	Lower	Upper
105	100		
120	22.2	21.5	32.3
77	13.2	12.2	18.4





#61

1,2,3-Trichloropropane

Concen: 0.015 ug/L

RT: 9.51 min Scan# 2620

Delta R.T. -0.80 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

Instrument :

MSVOA_V

ClientSampled :

VBK206

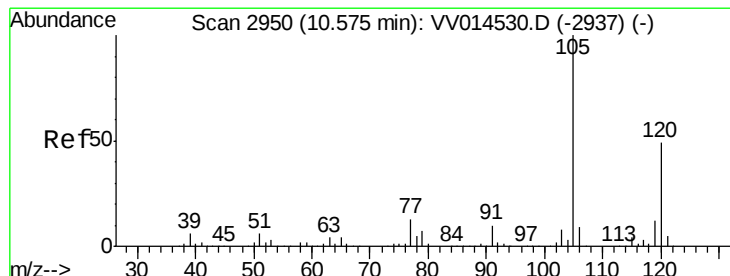
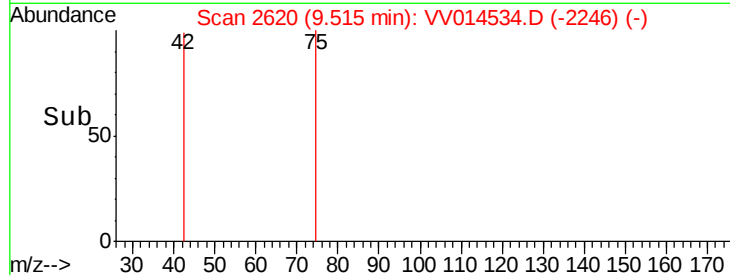
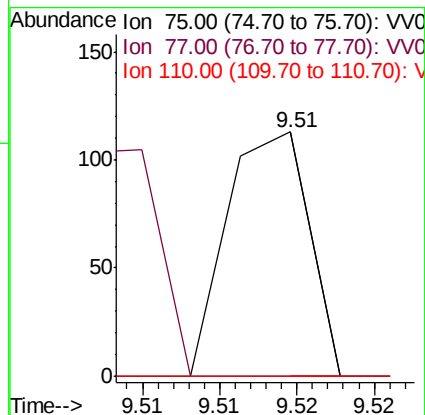
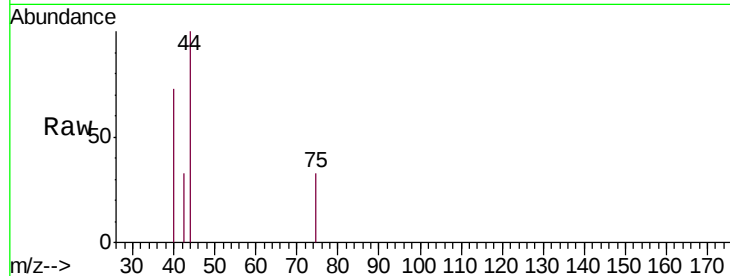
Tgt Ion: 75 Resp: 41

Ion Ratio Lower Upper

75 100

77 97.6 25.8 38.8#

110 0.0 32.4 48.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.034 ug/L

RT: 10.59 min Scan# 2953

Delta R.T. 0.01 min

Lab File: VV014534.D

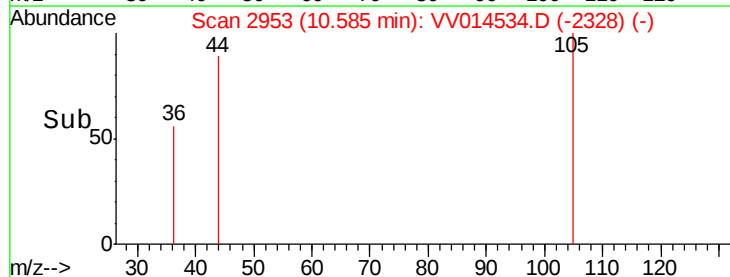
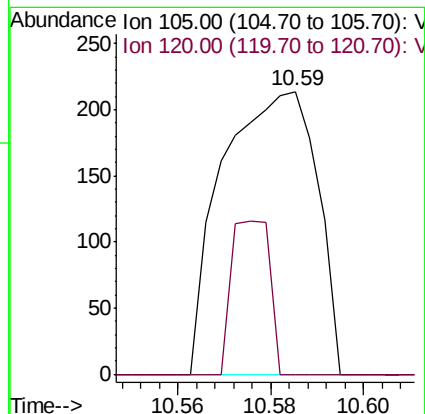
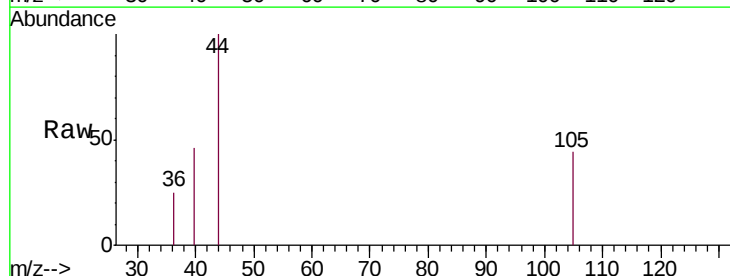
Acq: 07 Feb 2020 13:21

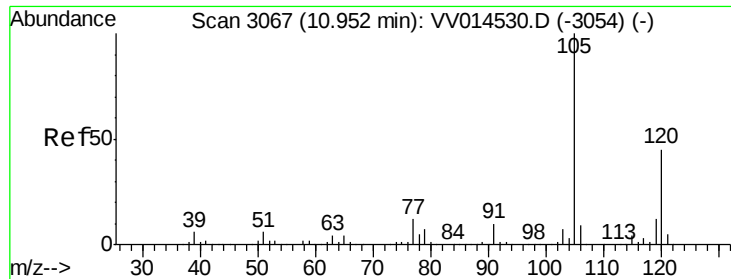
Tgt Ion: 105 Resp: 302

Ion Ratio Lower Upper

105 100

120 22.2 39.0 58.6#





#63

1,2,4-Trimethylbenzene

Concen: 0.009 ug/L

RT: 10.94 min Scan# 3064

Delta R.T. -0.01 min

Lab File: VV014534.D

Acq: 07 Feb 2020 13:21

Instrument :

MSVOA_V

ClientSampleId :

VBLK206

Tgt Ion:105 Resp: 76

Ion Ratio Lower Upper

105 100

120 0.0 36.2 54.4#

