

Data File : VV014594.D
Acq On : 17 Feb 2020 15:33
Operator : SY/MD
Sample : VV0217MBL06
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK213

Quant Time: Feb 18 06:44:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 18 06:41:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	283948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	267887	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	128503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44846	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.86%
7) Chloroethane-d5	1.58	69	35250	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	63291	36.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.48%
21) 2-Butanone-d5	3.92	46	97556	106.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.01%
24) Chloroform-d	4.40	84	155626	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	103445	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.70%
32) Benzene-d6	5.10	84	313253	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
36) 1,2-Dichloropropane-d6	6.11	67	95205	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.76%
41) Toluene-d8	7.36	98	298337	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%
43) trans-1,3-Dichloropropene-	7.66	79	52471	50.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.84%
47) 2-Hexanone-d5	8.13	63	77320	105.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	136501	52.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.64%
66) 1,2-Dichlorobenzene-d4	11.67	152	117400	53.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

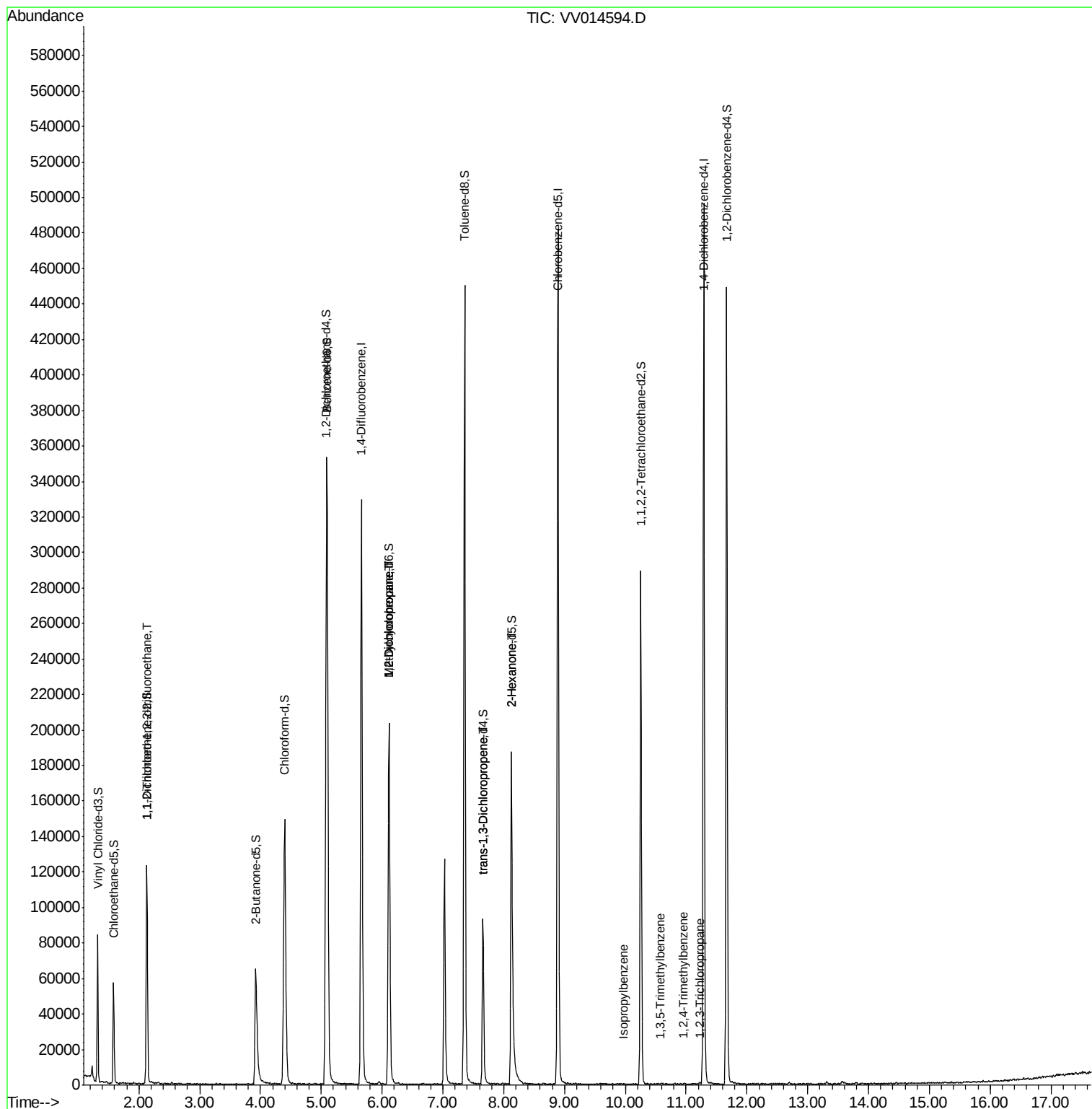
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	735	0.775	ug/L #	15
35) Methylcyclohexane	6.11	83	24725	8.422	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11283	6.722	ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	2275	0.820	ug/L	86
48) 2-Hexanone	8.13	43	8349	5.095	ug/L #	70
60) Isopropylbenzene	9.96	105	190	0.023	ug/L #	54
61) 1,2,3-Trichloropropane	11.22	75	56	0.026	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.58	105	232	0.033	ug/L #	83
63) 1,2,4-Trimethylbenzene	10.95	105	377	0.055	ug/L	89

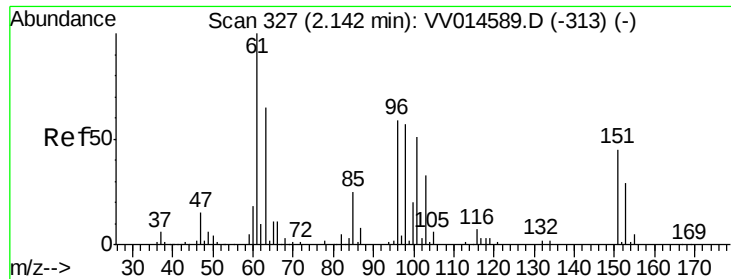
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.775 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

Lab File: VV014594.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK213

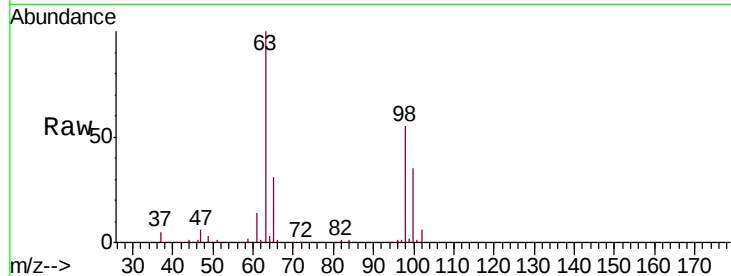
Tgt Ion: 101 Resp: 735

Ion Ratio Lower Upper

101 100

85 0.0 37.9 56.9#

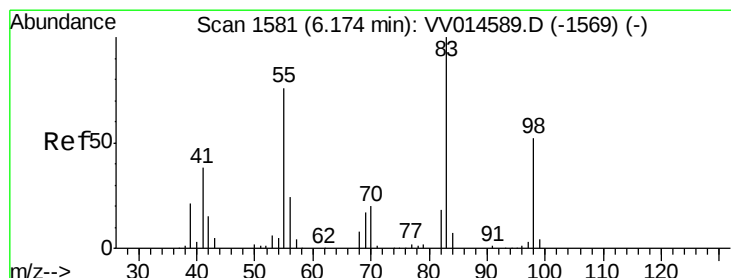
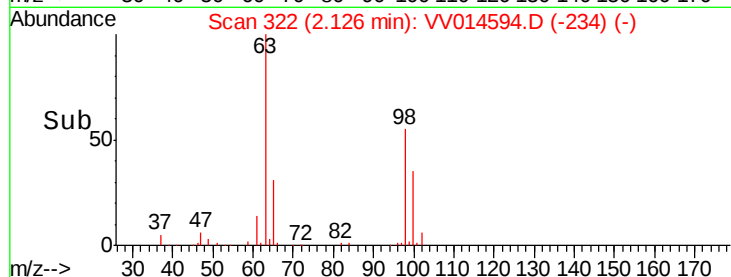
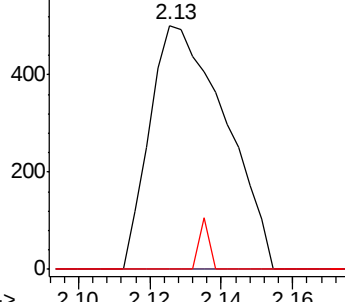
151 0.0 67.7 101.5#



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



#35

Methylcyclohexane

Concen: 8.422 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014594.D

Acq: 17 Feb 2020 15:33

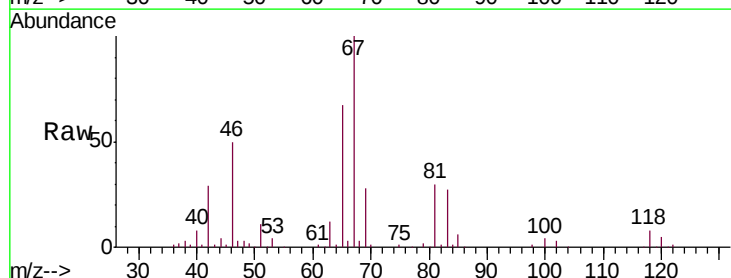
Tgt Ion: 83 Resp: 24725

Ion Ratio Lower Upper

83 100

55 0.5 57.4 86.2#

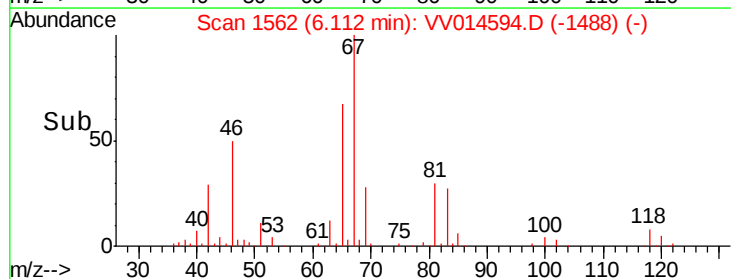
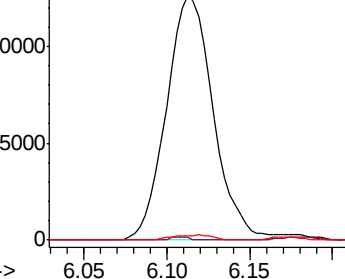
98 0.9 40.4 60.6#

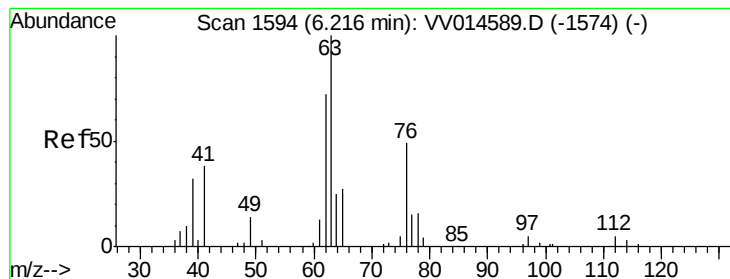


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 6.722 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014594.D

Acq: 17 Feb 2020 15:33

Instrument :

MSVOA_V

ClientSampleId :

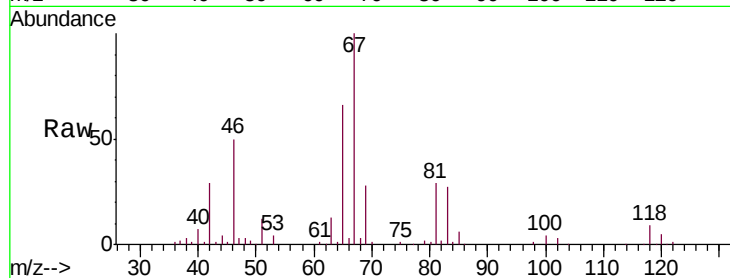
VBLK213

Tgt Ion: 63 Resp: 11283

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VV014589.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV014589.D (-1574) (-)

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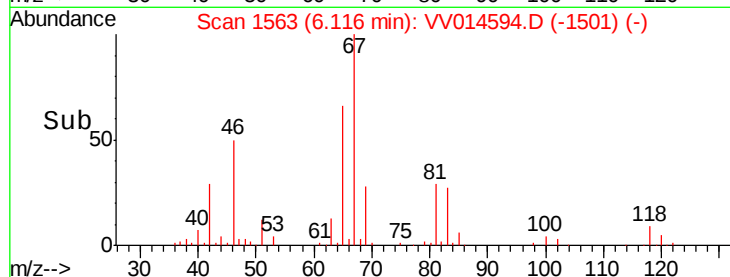
6.12

6.12

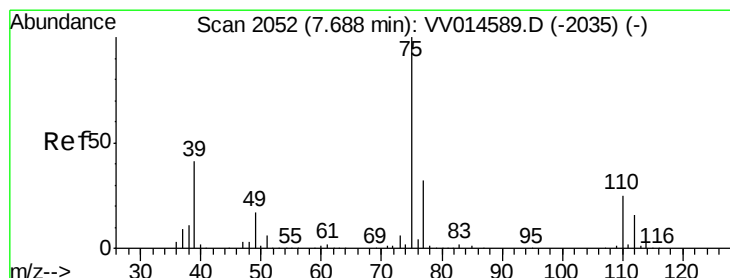
6.12

6.12

6.12



Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014594.D

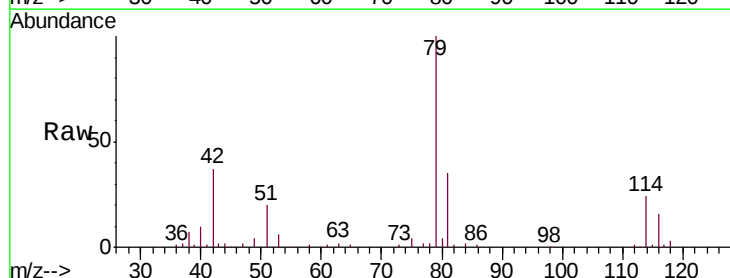
Acq: 17 Feb 2020 15:33

Tgt Ion: 75 Resp: 2275

Ion Ratio Lower Upper

75 100

77 40.2 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV014589.D (-2035) (-)

Ion 77.00 (76.70 to 77.70): VV014589.D (-2035) (-)

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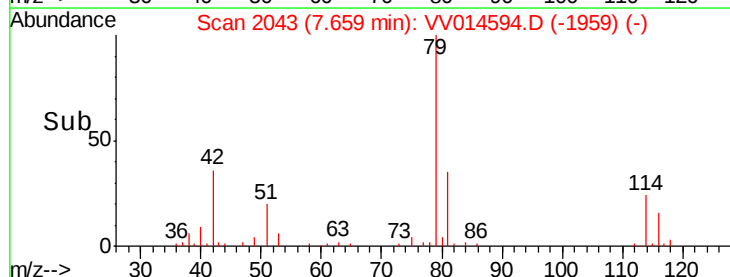
7.66

7.66

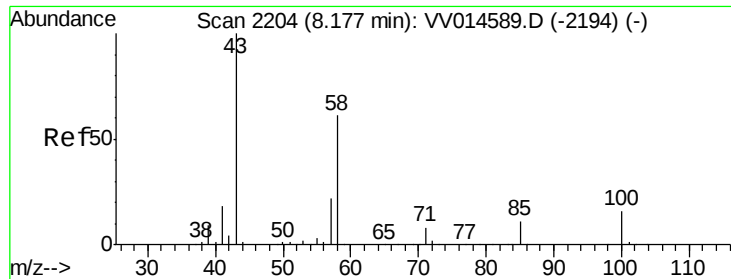
7.66

7.66

7.66



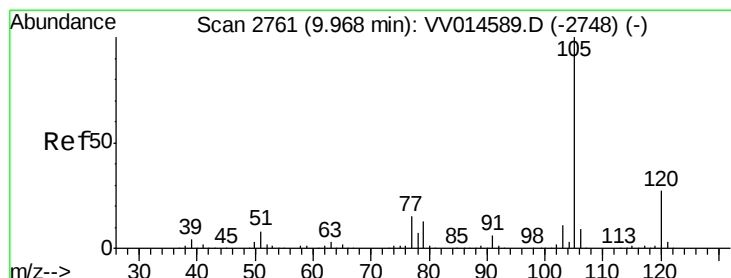
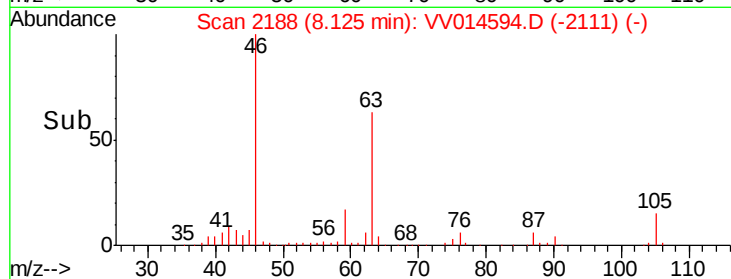
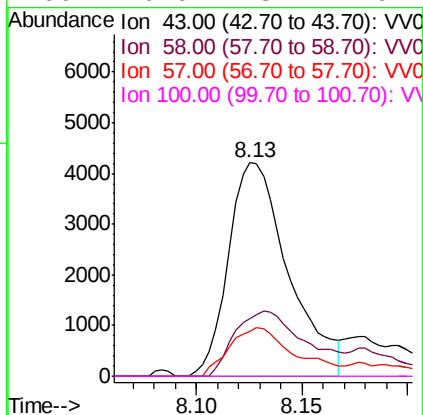
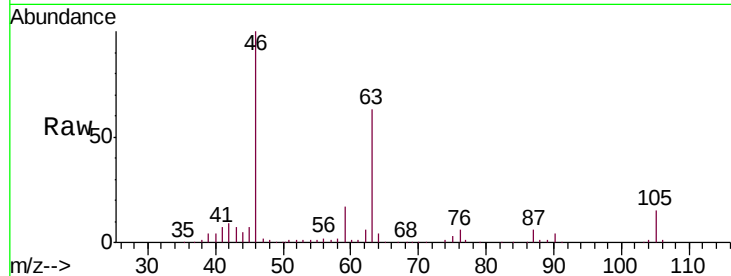
Time-->



#48
2-Hexanone
Concen: 5.095 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV014594.D
Acq: 17 Feb 2020 15:33

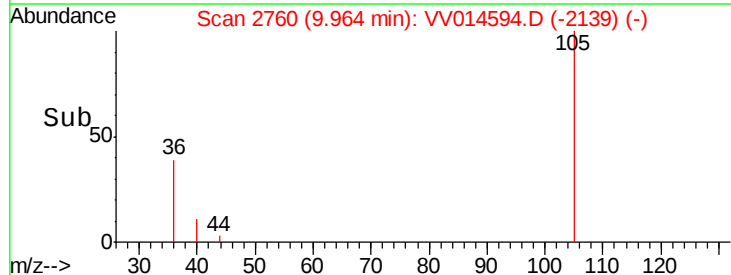
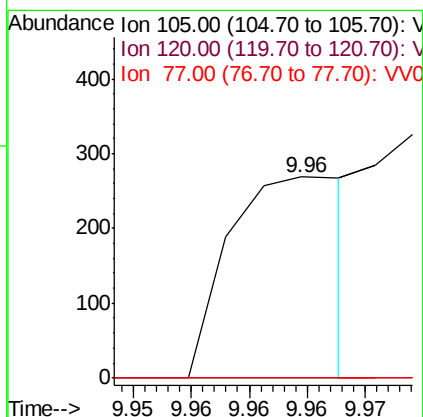
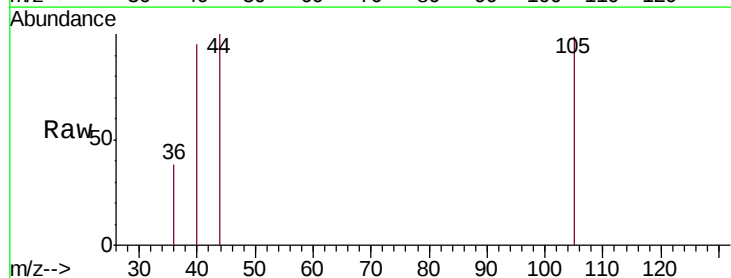
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MSVOA_V
ClientSampleId :
VBLK213

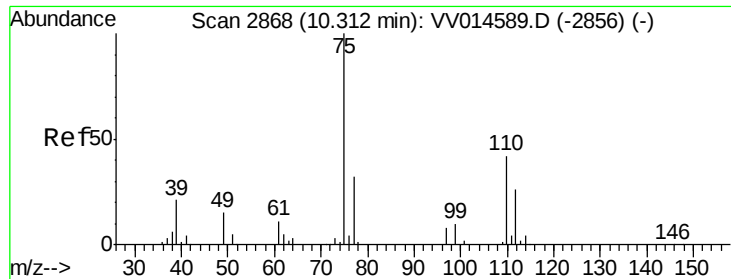
Tgt Ion:	43	Resp:	8349
Ion	Ratio	Lower	Upper
43	100		
58	33.3	49.8	74.6#
57	22.0	17.0	25.6
100	0.0	13.4	20.2#



#60
Isopropylbenzene
Concen: 0.023 ug/L
RT: 9.96 min Scan# 2760
Delta R.T. -0.00 min
Lab File: VV014594.D
Acq: 17 Feb 2020 15:33

Tgt Ion:	105	Resp:	190
Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.4	32.0#
77	0.0	12.2	18.2#

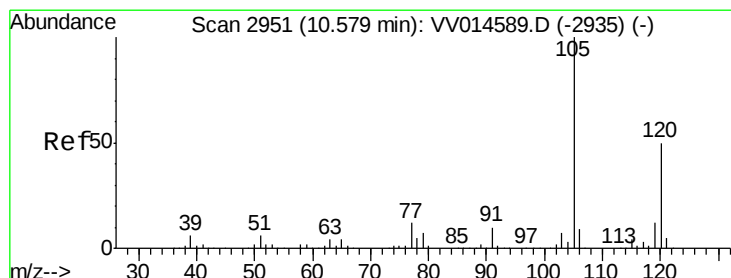
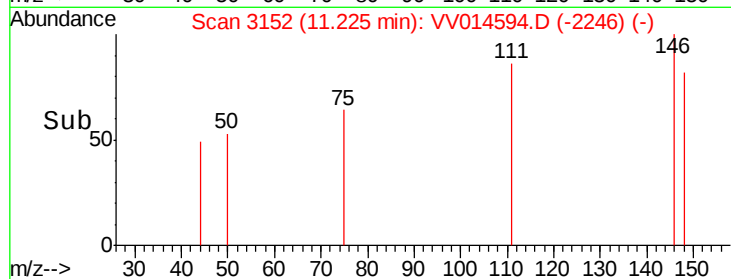
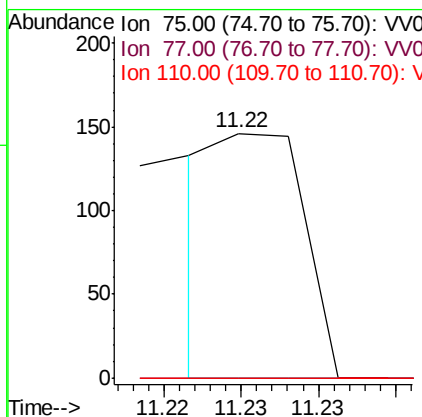
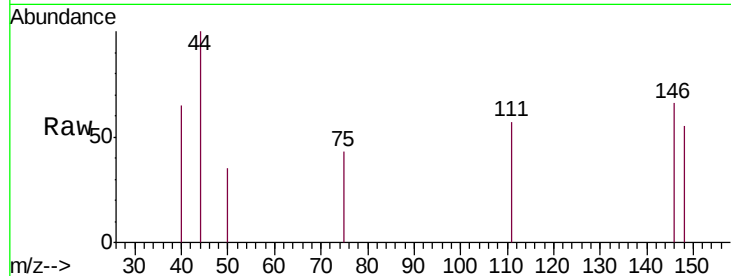




#61
 1,2,3-Trichloropropane
 Concen: 0.026 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. 0.91 min
 Lab File: VV014594.D
 Acq: 17 Feb 2020 15:33

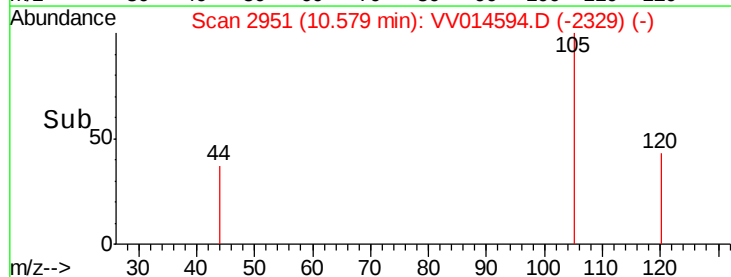
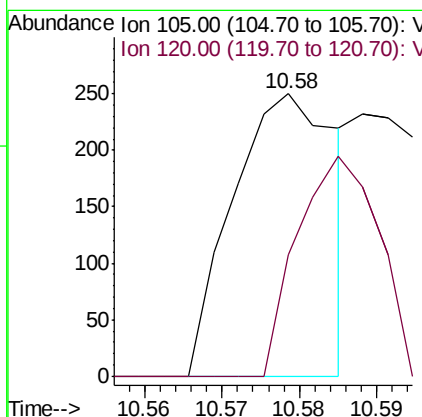
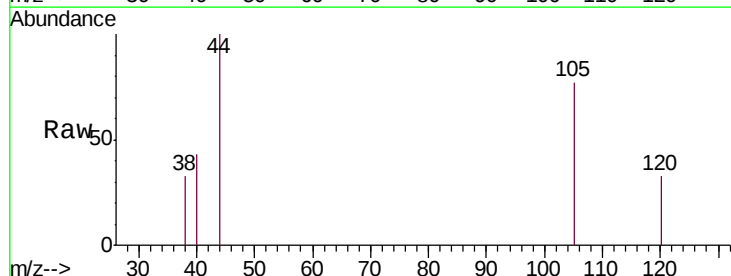
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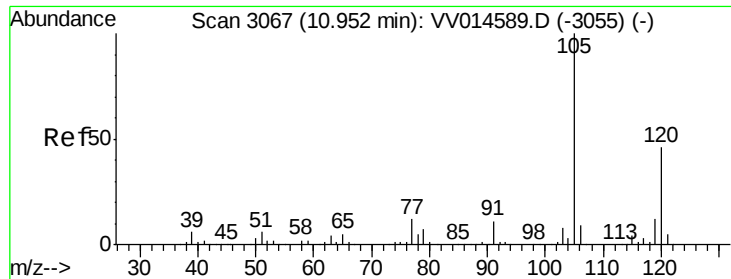
Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 0.0 33.4 50.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.58 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VV014594.D
 Acq: 17 Feb 2020 15:33

Tgt Ion: 105 Resp: 232
 Ion Ratio Lower Upper
 105 100
 120 61.2 39.8 59.6#





#63

1,2,4-Trimethylbenzene

Concen: 0.055 ug/L

RT: 10.95 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VV014594.D

Acq: 17 Feb 2020 15:33

Instrument :

MSVOA_V

ClientSampleId :

VBLK213

Tgt Ion:105 Resp: 377

Ion Ratio Lower Upper

105 100

120 38.7 36.6 55.0

