

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016584.D
 Acq On : 18 Sep 2020 14:30
 Operator : SY/VA
 Sample : VW0918SBL03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK103

Quant Time: Sep 19 00:20:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 13:07:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	595663	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	526314	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	253039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	163007	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
7) Chloroethane-d5	2.90	69	129746	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	4.03	63	245936	17.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.08%
21) 2-Butanone-d5	7.09	46	75959	50.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.96%
24) Chloroform-d	7.65	84	344052	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.31	65	184051	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
32) Benzene-d6	8.28	84	681460	25.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	9.28	67	186969	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
41) Toluene-d8	10.33	98	642934	24.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	10.58	79	88728	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.96%
47) 2-Hexanone-d5	10.93	63	60814	52.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.54%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	148096	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
66) 1,2-Dichlorobenzene-d4	13.86	152	238645	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

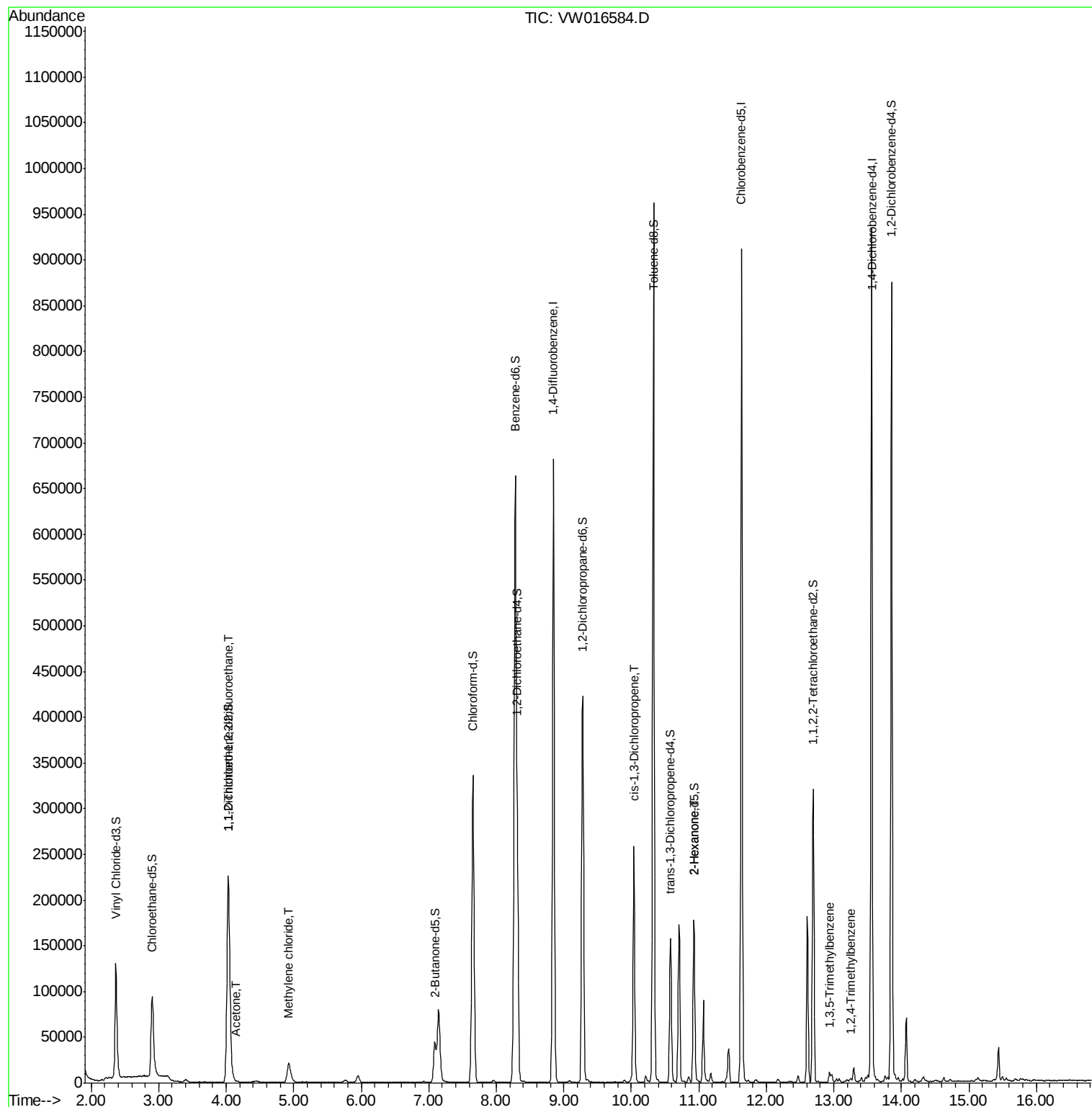
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2885	0.376 ug/L #	17
13) Acetone	4.15	43	1831	1.804 ug/L	88
16) Methylene chloride	4.93	84	18306	2.097 ug/L	96
39) cis-1,3-Dichloropropene	10.04	75	7530	0.664 ug/L #	79
48) 2-Hexanone	10.93	43	7487	3.232 ug/L #	66
62) 1,3,5-Trimethylbenzene	12.94	105	1874	0.062 ug/L	90
63) 1,2,4-Trimethylbenzene	13.25	105	2786	0.092 ug/L #	84

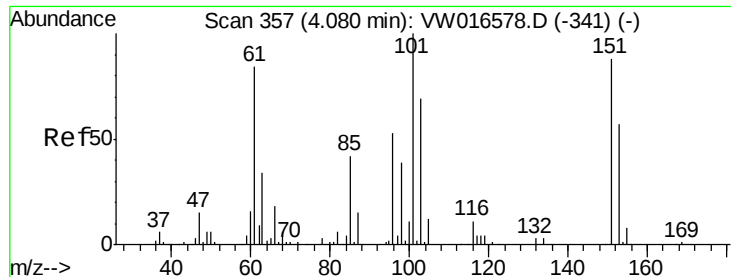
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK103

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Quant Title : SFAM01.0
QLast Update : Fri Sep 18 13:07:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.376 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.05 min

Lab File: VW016584.D

Acq: 18 Sep 2020 14:30

Instrument :

MSVOA_W

ClientSampled :

VBLK103

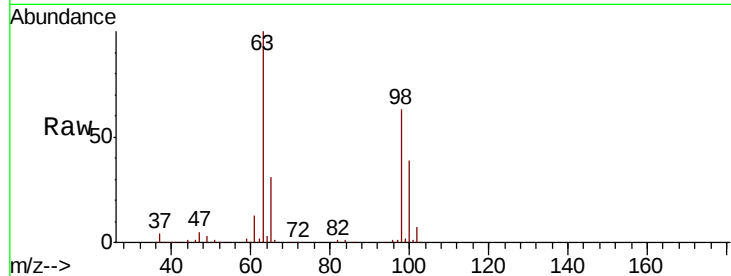
Tot Ion:101 Resp: 2885

Ion Ratio Lower Upper

101 100

85 1.1 32.2 48.2#

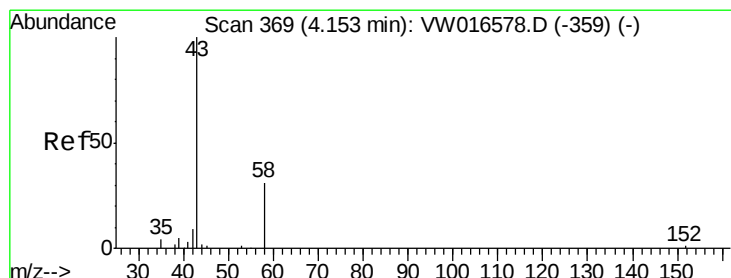
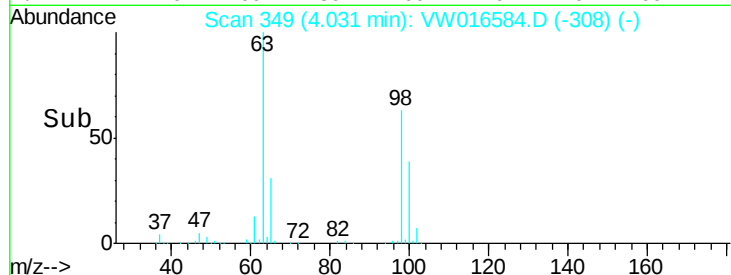
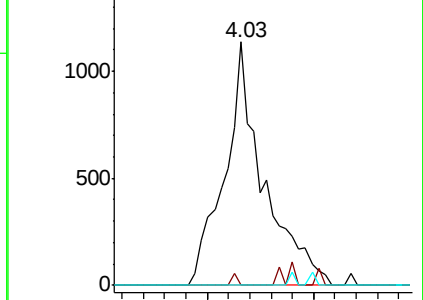
151 0.0 66.8 100.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.804 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW016584.D

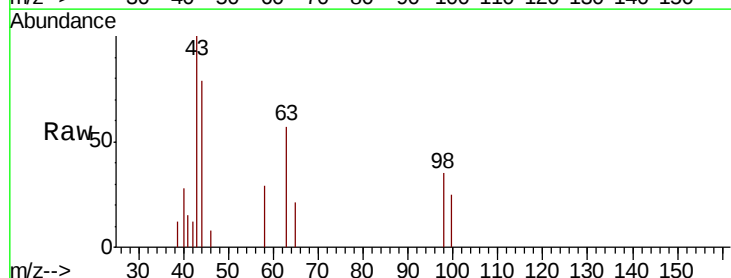
Acq: 18 Sep 2020 14:30

Tgt Ion: 43 Resp: 1831

Ion Ratio Lower Upper

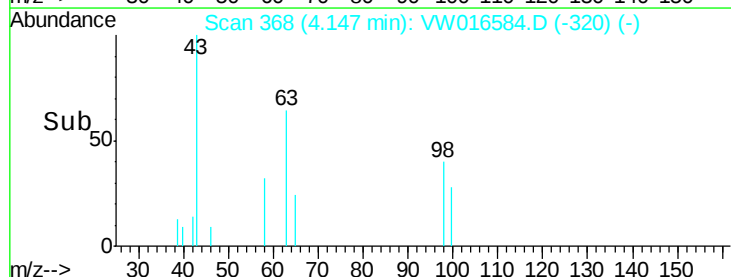
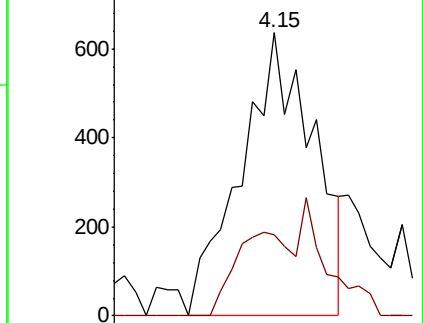
43 100

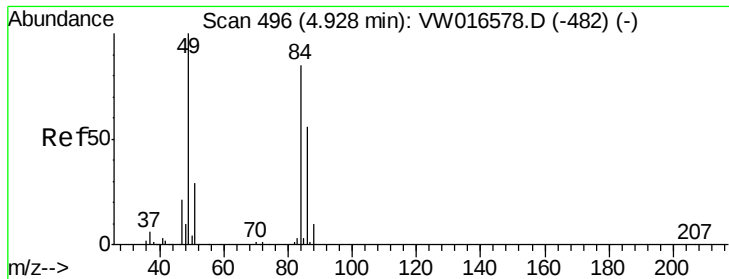
58 23.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

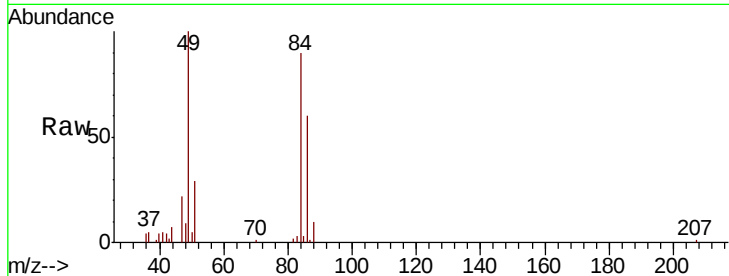




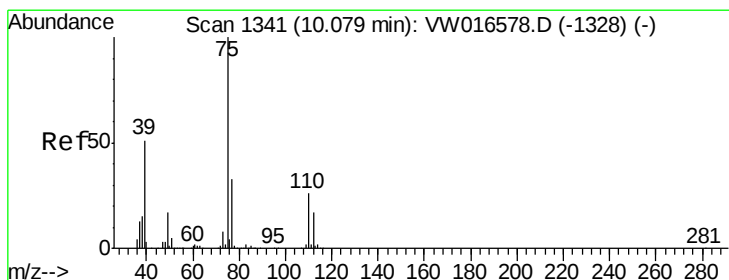
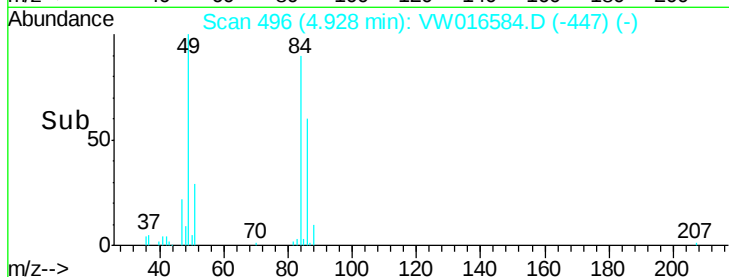
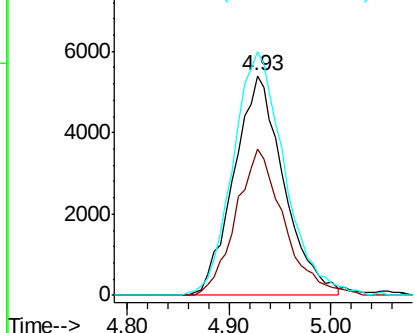
#16
Methylene chloride
Concen: 2.097 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016584.D
Acq: 18 Sep 2020 14:30

Instrument :
MSVOA_W
ClientSampled :
VBLK103

Tot Ion: 84 Resp: 18306
Ion Ratio Lower Upper
84 100
86 66.4 46.2 85.8
49 111.0 82.8 153.8

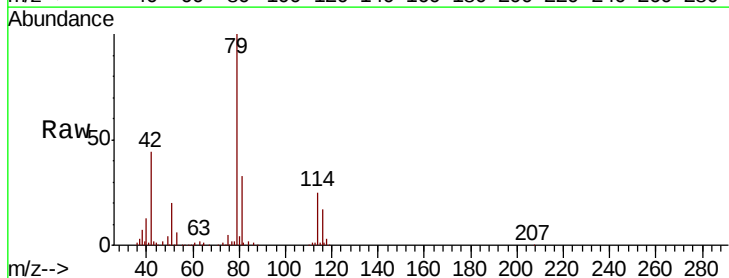


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 86.00 (85.70 to 86.70): VW
Ion 49.00 (48.70 to 49.70): VW

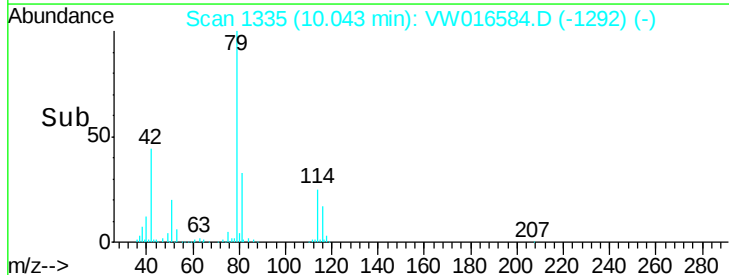
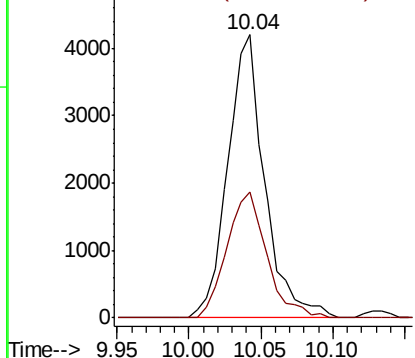


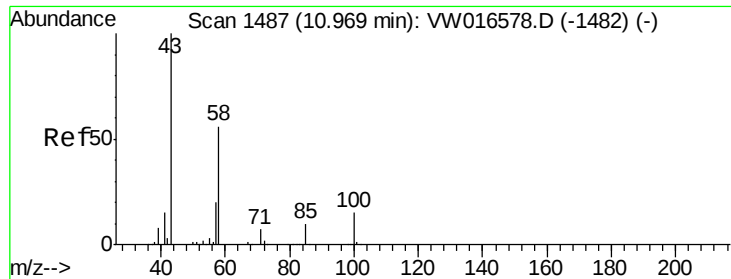
#39
cis-1,3-Dichloropropene
Concen: 0.664 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.04 min
Lab File: VW016584.D
Acq: 18 Sep 2020 14:30

Tgt Ion: 75 Resp: 7530
Ion Ratio Lower Upper
75 100
77 44.4 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

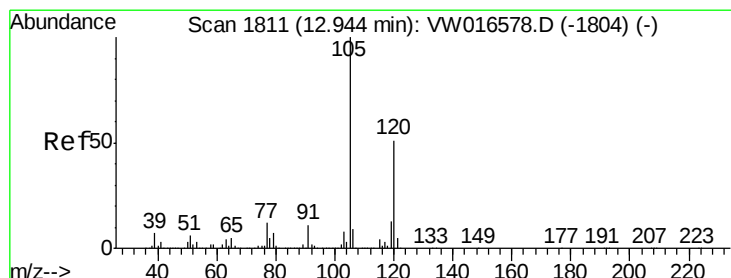
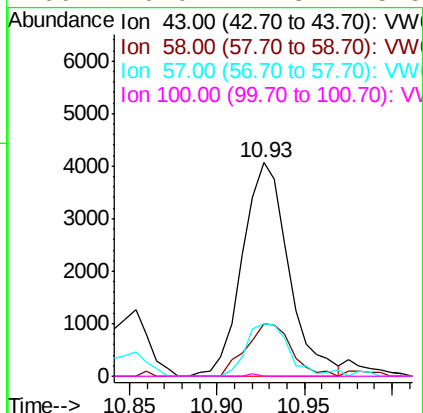
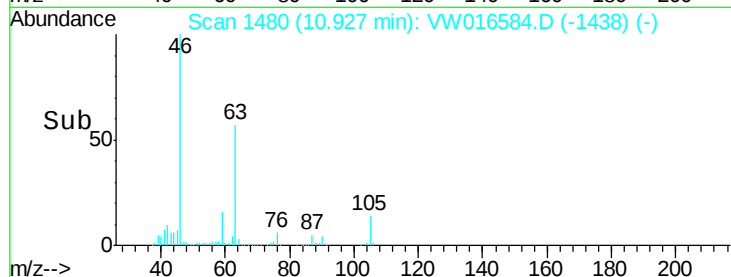
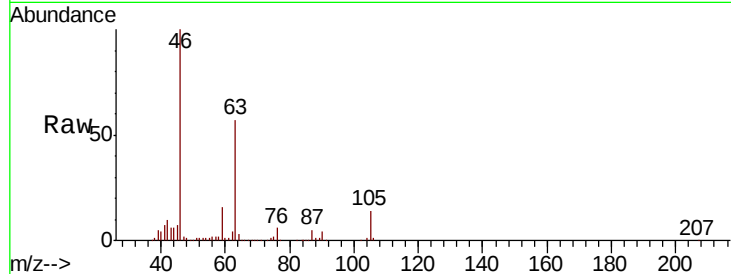




#48
2-Hexanone
Concen: 3.232 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016584.D
Acq: 18 Sep 2020 14:30

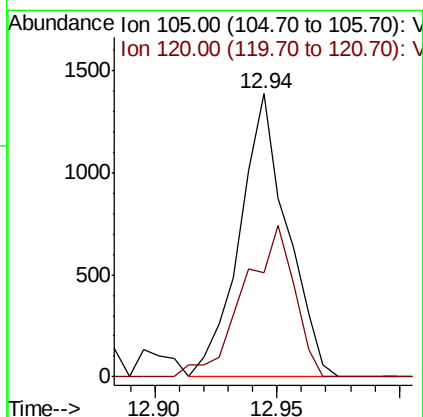
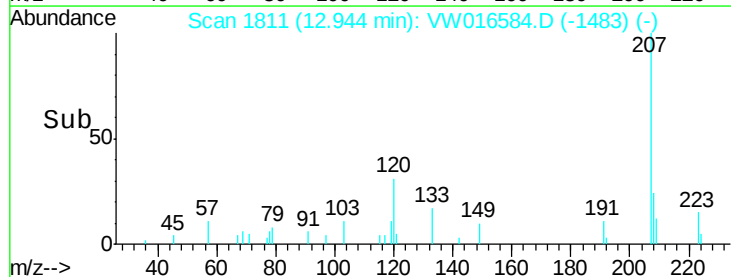
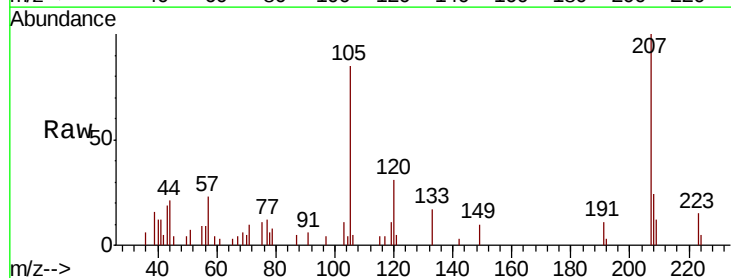
Instrument :
MSVOA_W
ClientSampleId :
VBLK103

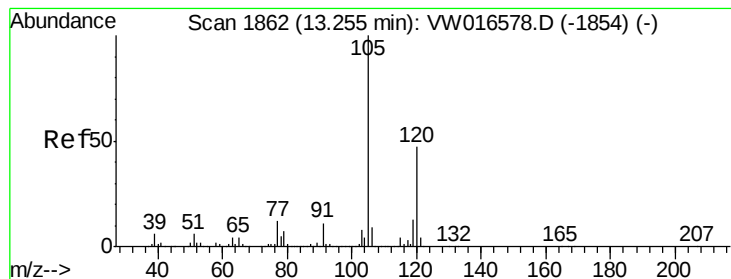
Tot Ion: 43 Resp: 7487
Ion Ratio Lower Upper
43 100
58 24.1 45.9 68.9#
57 22.2 16.6 24.8
100 0.0 12.3 18.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.062 ug/L
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016584.D
Acq: 18 Sep 2020 14:30

Tgt Ion: 105 Resp: 1874
Ion Ratio Lower Upper
105 100
120 56.6 39.8 59.8





#63

1,2,4-Trimethylbenzene

Concen: 0.092 ug/L

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW016584.D

Acq: 18 Sep 2020 14:30

Instrument :

MSVOA_W

ClientSampleId :

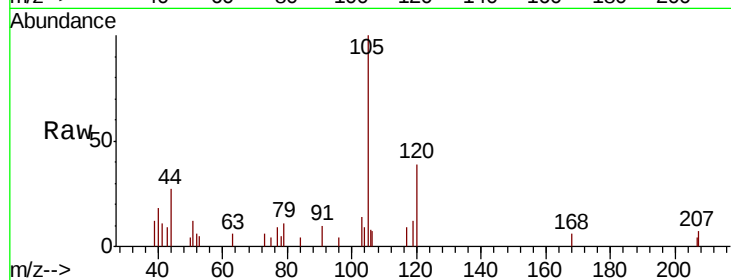
VBLK103

Tot Ion:105 Resp: 2786

Ion Ratio Lower Upper

105 100

120 34.7 36.4 54.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

