

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122920\
 Data File : VV019864.D
 Acq On : 29 Dec 2020 15:16
 Operator : SY/MD
 Sample : VV1229WBL03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

Quant Time: Dec 30 04:49:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 30 04:48:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	298492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	280560	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	130443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	98427	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.56	69	82414	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.10	63	152167	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.94	46	200591	44.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.35	84	168030	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.04	65	89765	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.05	84	352569	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.07	67	105646	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.32	98	302215	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.63	79	34992	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.10	63	133347	41.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.28%
56) 1,1,2,2-Tetrachloroethane-	10.22	84	58989	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
66) 1,2-Dichlorobenzene-d4	11.63	152	96476	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

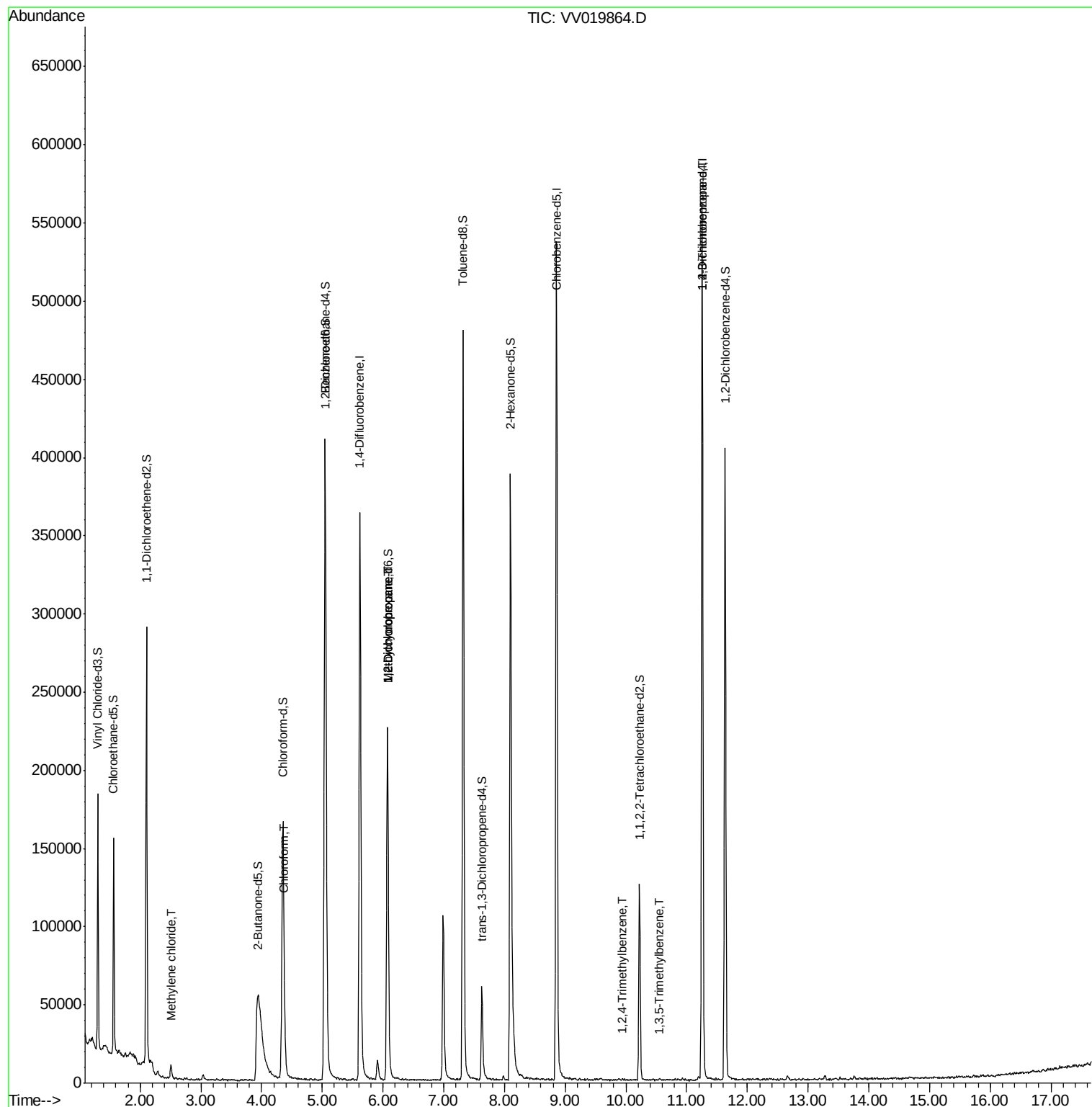
					Ovalue
16) Methylene chloride	2.51	84	4151	0.165 ug/L	98
25) Chloroform	4.38	83	10164	0.226 ug/L	98
35) Methylcyclohexane	6.07	83	25765	0.686 ug/L #	16
37) 1,2-Dichloropropane	6.07	63	13371	0.568 ug/L #	87
61) 1,2,3-Trichloropropane	11.25	75	18910	1.499 ug/L #	65
62) 1,3,5-Trimethylbenzene	10.56	105	421	0.005 ug/L #	78
63) 1,2,4-Trimethylbenzene	9.94	105	328	0.004 ug/L	91

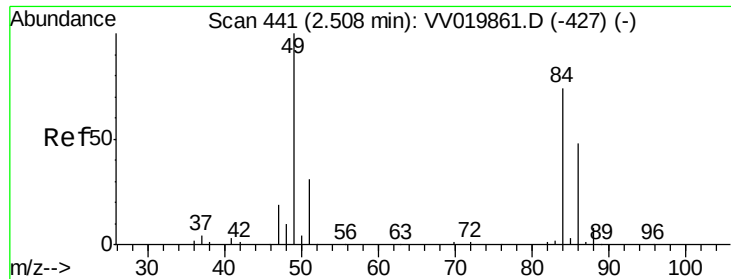
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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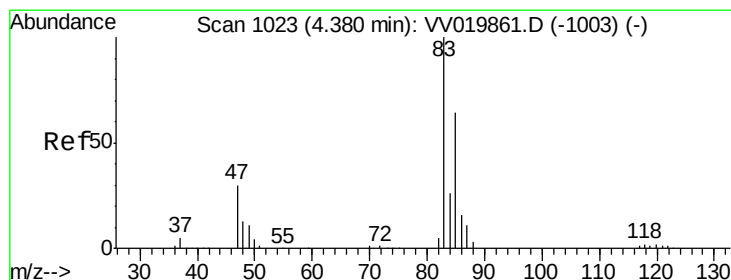
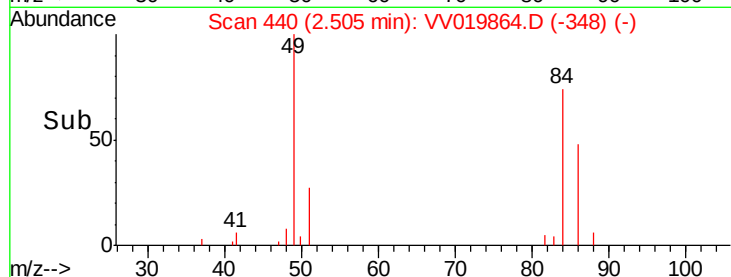
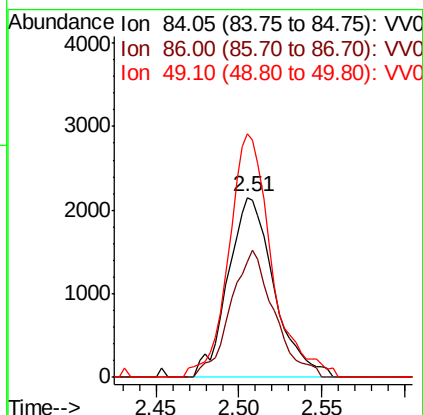
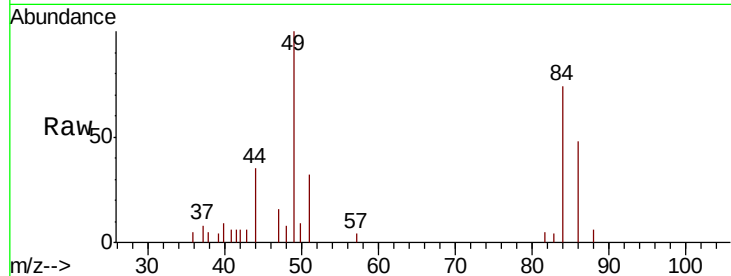




#16
Methylene chloride
Concen: 0.165 ug/L
RT: 2.51 min Scan# 440
Delta R.T. -0.00 min
Lab File: VV019864.D
Acq: 29 Dec 2020 15:16

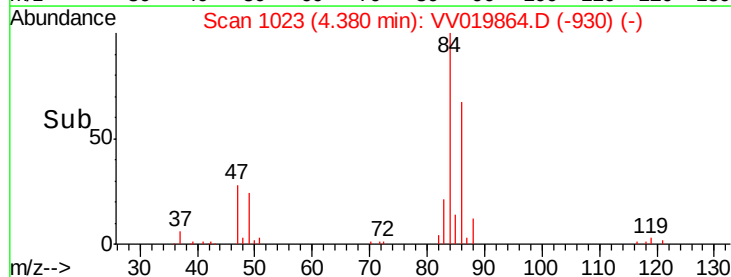
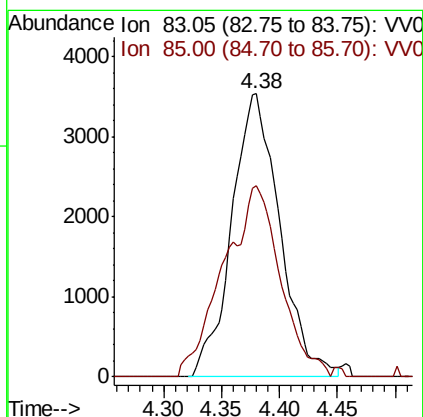
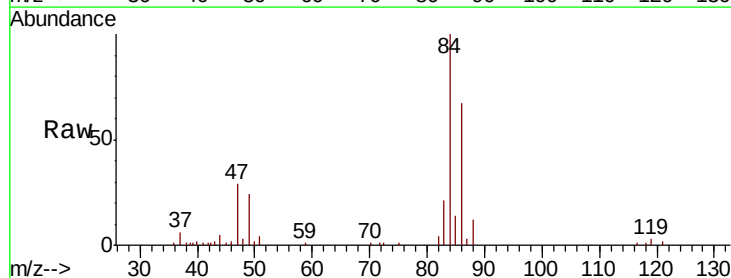
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

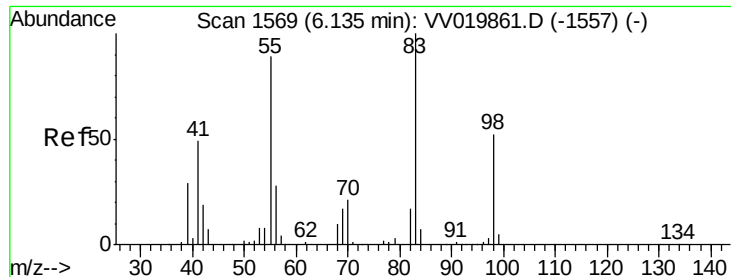
Tot Ion: 84 Resp: 4151
Ion Ratio Lower Upper
84 100
86 64.6 42.8 79.4
49 135.5 93.9 174.3



#25
Chloroform
Concen: 0.226 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VV019864.D
Acq: 29 Dec 2020 15:16

Tgt Ion: 83 Resp: 10164
Ion Ratio Lower Upper
83 100
85 67.6 46.4 86.2





#35

Methvlcvclohexane

Concen: 0.686 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019864.D

Acq: 29 Dec 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK303

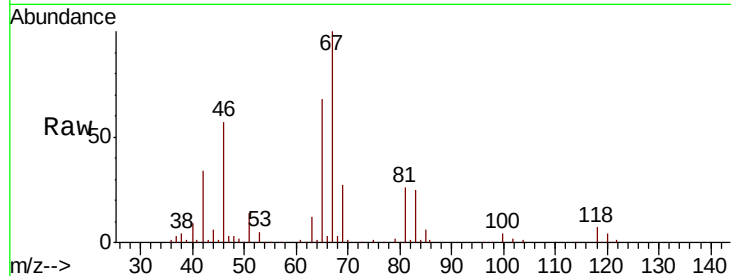
Tot Ion: 83 Resp: 25765

Ion Ratio Lower Upper

83 100

55 0.5 67.5 101.3#

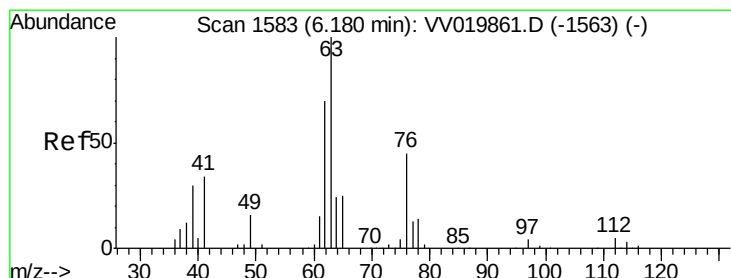
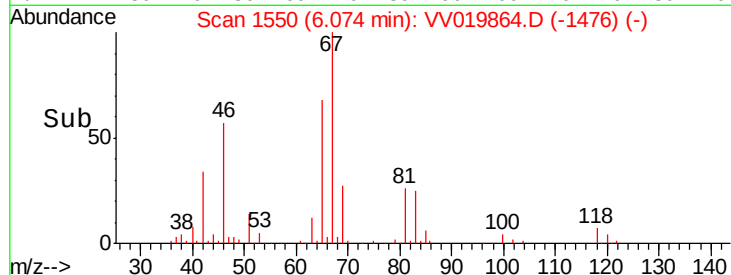
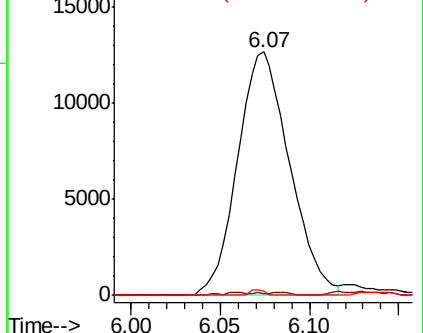
98 0.6 38.6 58.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.11 min

Lab File: VV019864.D

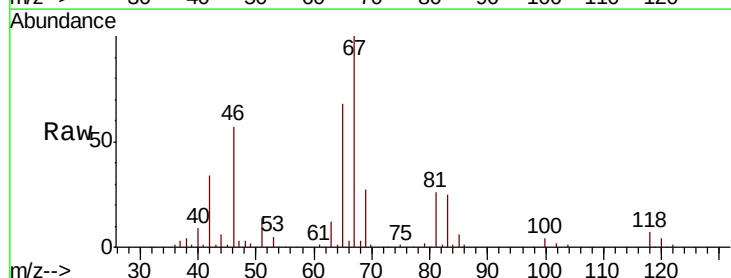
Acq: 29 Dec 2020 15:16

Tgt Ion: 63 Resp: 13371

Ion Ratio Lower Upper

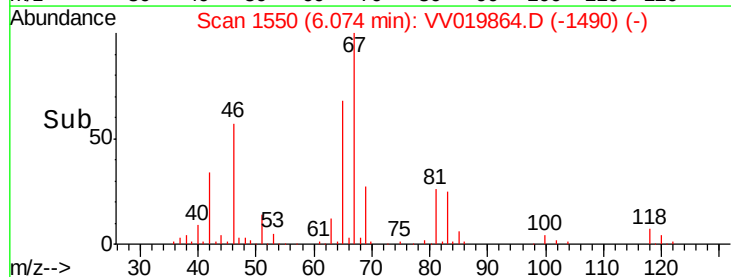
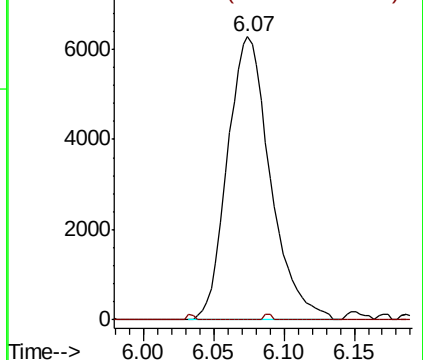
63 100

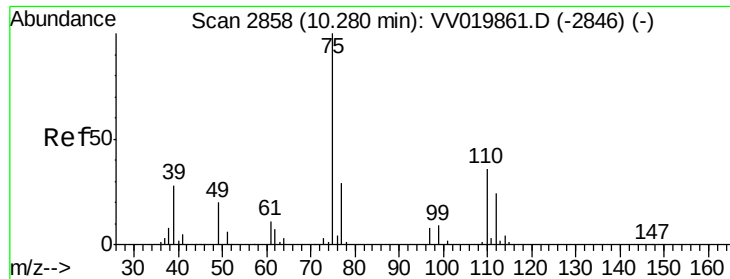
112 0.4 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#61

1,2,3-Trichloropropane

Concen: 1.499 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019864.D

Acq: 29 Dec 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK303

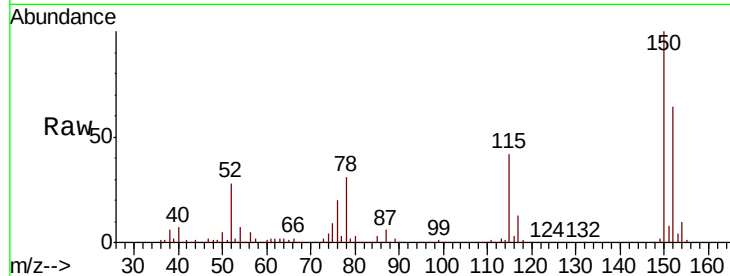
Tot Ion: 75 Resp: 18910

Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4

110 2.8 30.5 45.7#

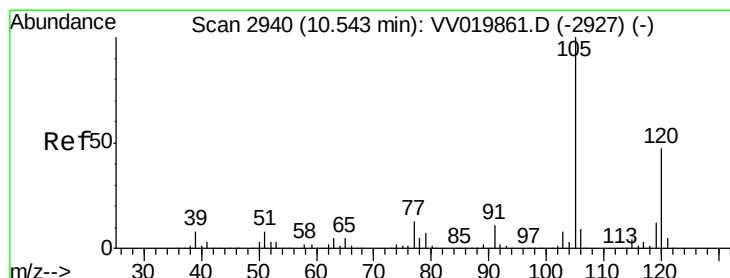
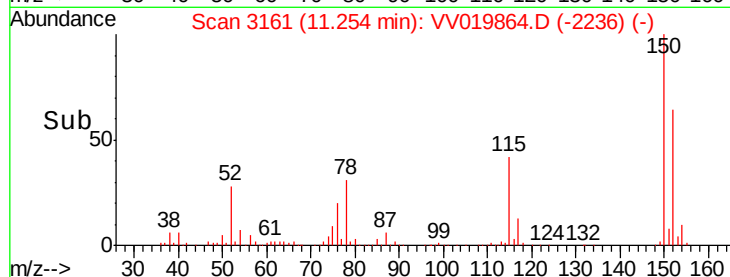
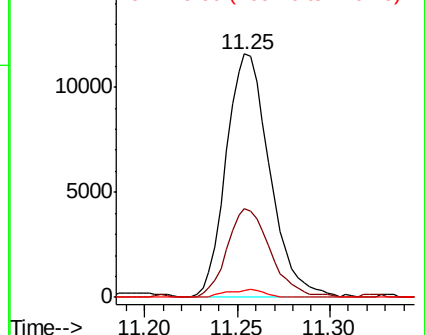


Abundance

Ion 75.00 (74.70 to 75.70): VV019861.D (-2846) (-)

Ion 77.00 (76.70 to 77.70): VV019861.D (-2846) (-)

Ion 110.00 (109.70 to 110.70): VV019861.D (-2846) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 10.56 min Scan# 2944

Delta R.T. 0.01 min

Lab File: VV019864.D

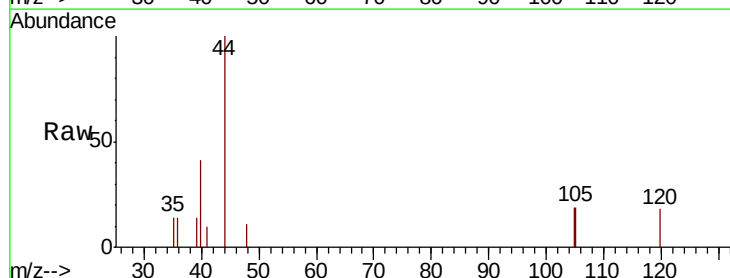
Acq: 29 Dec 2020 15:16

Tgt Ion: 105 Resp: 421

Ion Ratio Lower Upper

105 100

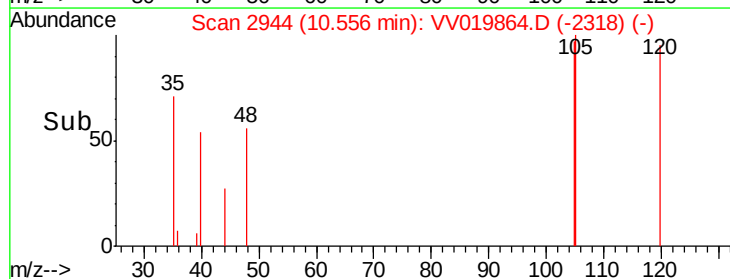
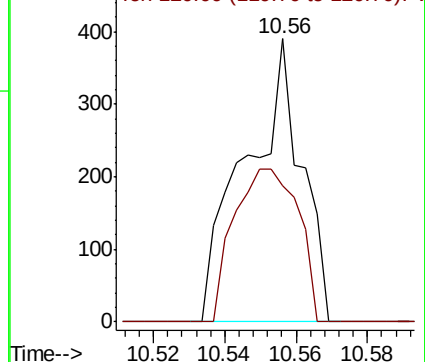
120 62.0 37.8 56.6#

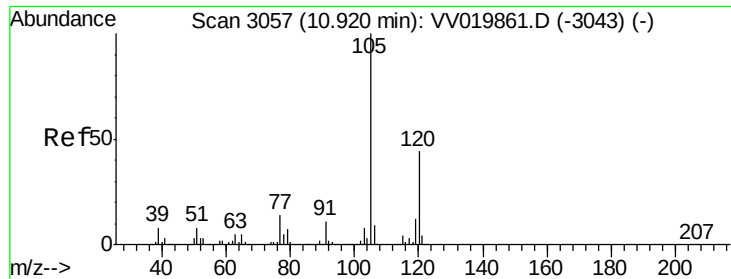


Abundance

Ion 105.00 (104.70 to 105.70): VV019861.D (-2927) (-)

Ion 120.00 (119.70 to 120.70): VV019861.D (-2927) (-)





#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 9.94 min Scan# 2751
 Delta R.T. -0.98 min
 Lab File: VV019864.D
 Acq: 29 Dec 2020 15:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

Tot Ion	Ratio	Lower	Upper
105	100		
120	38.1	34.9	52.3

