

Data File : VY001262.D
Acq On : 16 Jan 2020 15:03
Operator : SY/MD
Sample : VYS0116BL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK777

Quant Time: Jan 17 03:16:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	315750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	286969	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	131507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	106282	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
7) Chloroethane-d5	2.76	69	101365	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.32%
11) 1,1-Dichloroethene-d2	3.85	63	150700	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.72%
21) 2-Butanone-d5	6.90	46	112412	58.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.68%
24) Chloroform-d	7.49	84	193154	27.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.96%
26) 1,2-Dichloroethane-d4	8.15	65	114570	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.72%
32) Benzene-d6	8.11	84	437305	28.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.04%
36) 1,2-Dichloropropane-d6	9.13	67	135048	28.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.40%
41) Toluene-d8	10.18	98	397284	28.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.52%
43) trans-1,3-Dichloropropene-	10.44	79	64689	27.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.60%
47) 2-Hexanone-d5	10.79	63	93253	57.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.12%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	138798	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.32%
66) 1,2-Dichlorobenzene-d4	13.72	152	134584	28.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.96%

Target Compounds

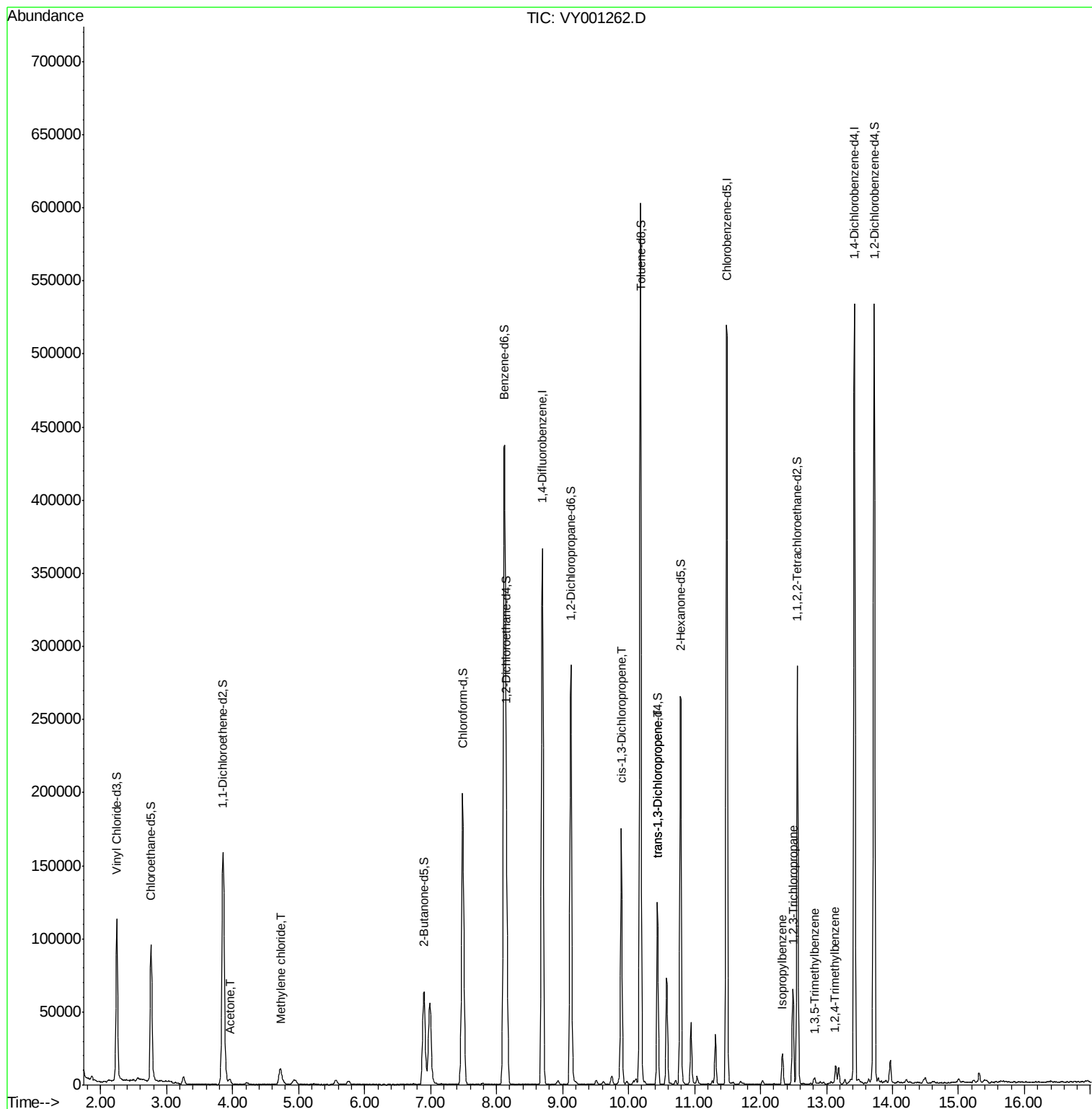
					Qvalue
13) Acetone	3.96	43	5187	2.353 ug/L	96
16) Methylene chloride	4.72	84	7935	1.504 ug/L	94
39) cis-1,3-Dichloropropene	9.89	75	4300	0.551 ug/L	85
44) trans-1,3-Dichloropropene	10.44	75	3130	0.471 ug/L	83
60) Isopropylbenzene	12.33	105	1445	0.069 ug/L #	1
61) 1,2,3-Trichloropropane	12.49	75	803	0.196 ug/L #	91
62) 1,3,5-Trimethylbenzene	12.81	105	834	0.048 ug/L #	49
63) 1,2,4-Trimethylbenzene	13.12	105	1737	0.101 ug/L #	71

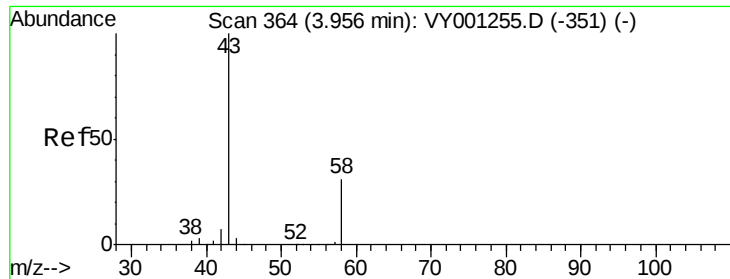
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 17 03:10:21 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.353 ug/L

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY001262.D

Acq: 16 Jan 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

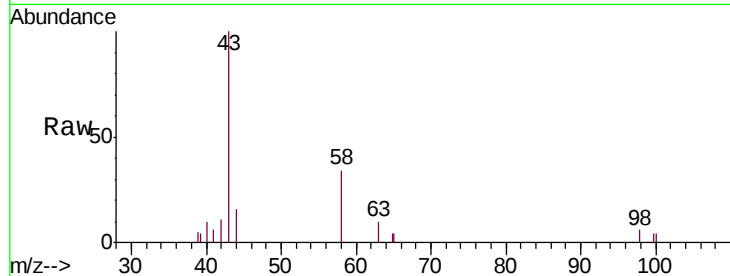
VBLK777

Tgt Ion: 43 Resp: 5187

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VY001255.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001255.D (-351) (-)

3.96

1500

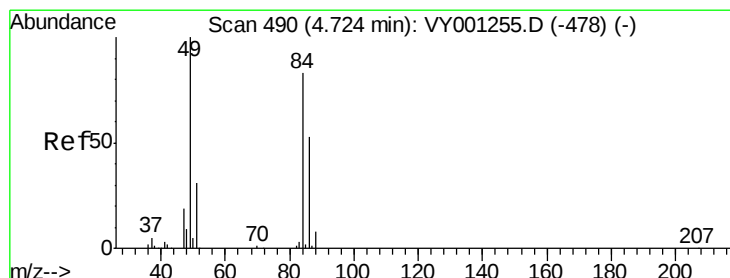
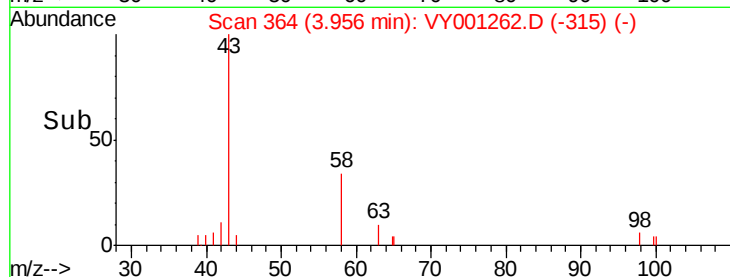
1000

500

0

3.85 3.90 3.95 4.00 4.05

Time-->



#16

Methylene chloride

Concen: 1.504 ug/L

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY001262.D

Acq: 16 Jan 2020 15:03

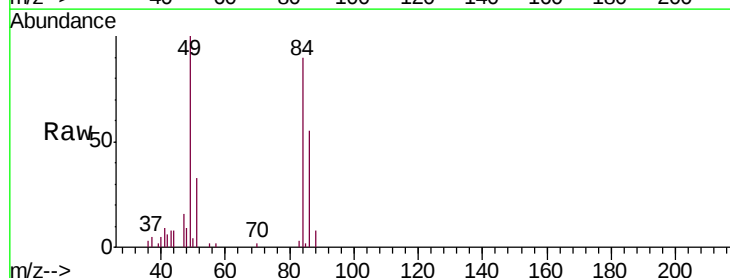
Tgt Ion: 84 Resp: 7935

Ion Ratio Lower Upper

84 100

86 61.6 44.6 82.8

49 111.2 84.4 156.7



Abundance Ion 84.00 (83.70 to 84.70): VY001255.D (-478) (-)

Ion 86.00 (85.70 to 86.70): VY001255.D (-478) (-)

Ion 49.00 (48.70 to 49.70): VY001255.D (-478) (-)

4.72

4000

3000

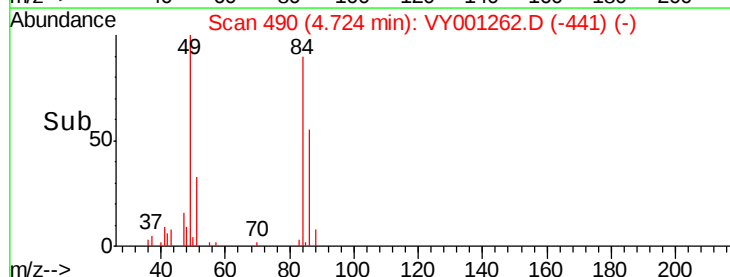
2000

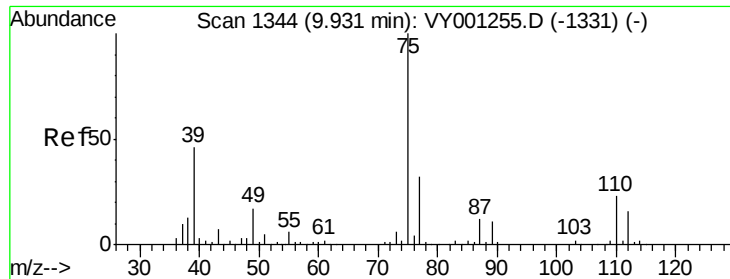
1000

0

4.65 4.70 4.75 4.80

Time-->



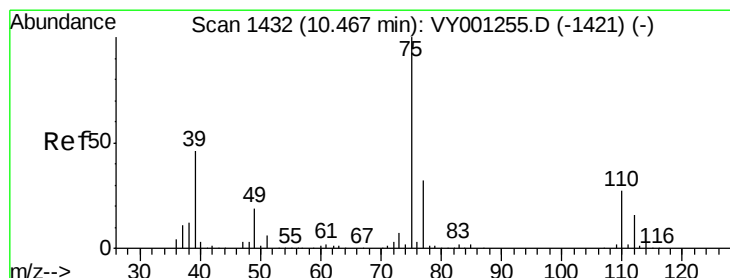
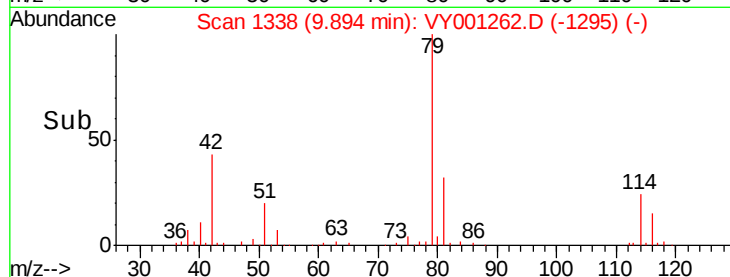
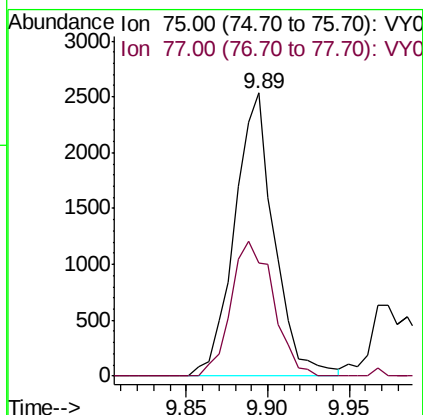
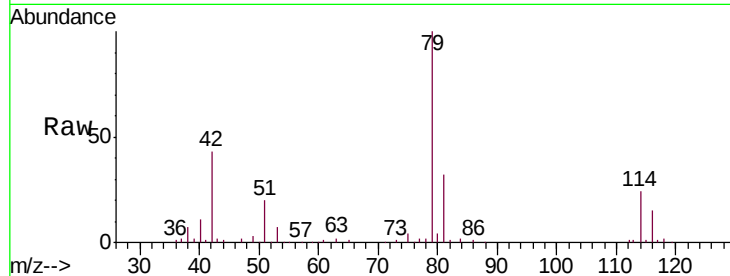


#39

cis-1,3-Dichloropropene
Concen: 0.551 ug/L
RT: 9.89 min Scan# 1338
Delta R.T. -0.04 min
Lab File: VY001262.D
Acq: 16 Jan 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VBLK777

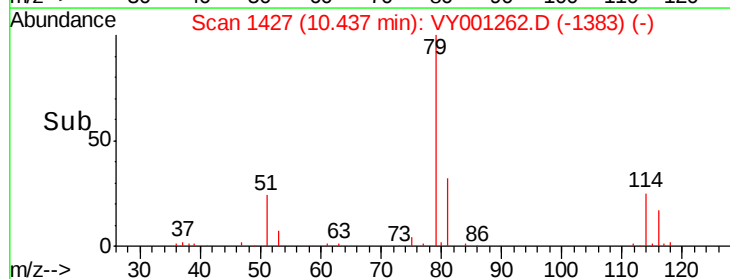
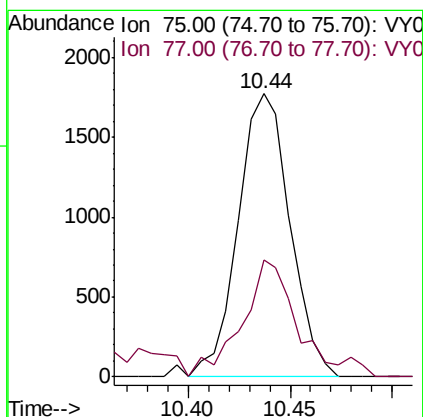
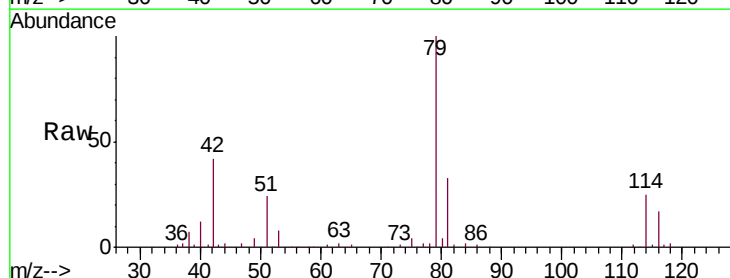
Tgt Ion: 75 Resp: 4300
Ion Ratio Lower Upper
75 100
77 40.0 22.1 41.1

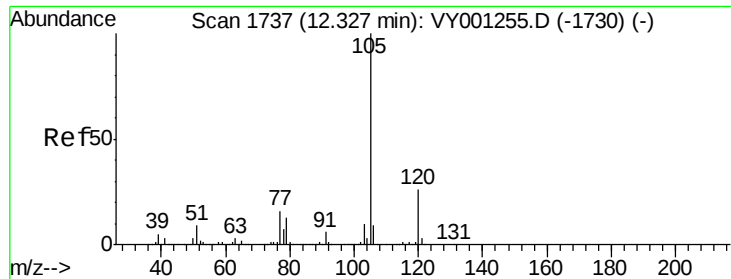


#44

trans-1,3-Dichloropropene
Concen: 0.471 ug/L
RT: 10.44 min Scan# 1427
Delta R.T. -0.03 min
Lab File: VY001262.D
Acq: 16 Jan 2020 15:03

Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
77 41.3 22.5 41.7





#60

Isopropylbenzene

Concen: 0.069 ug/L

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY001262.D

Acq: 16 Jan 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VBLK777

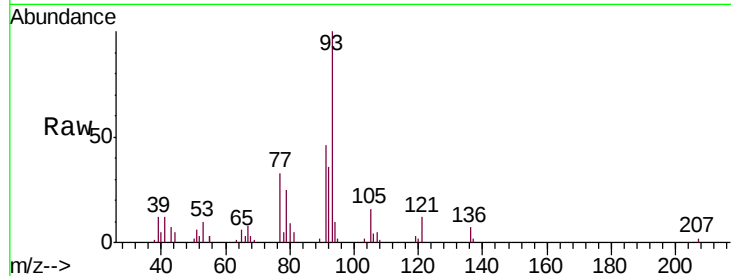
Tgt Ion: 105 Resp: 1445

Ion Ratio Lower Upper

105 100

120 0.0 21.4 32.2#

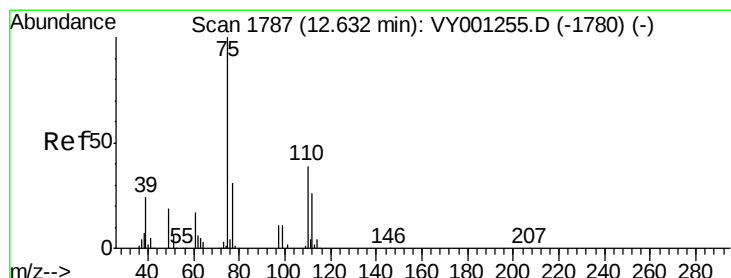
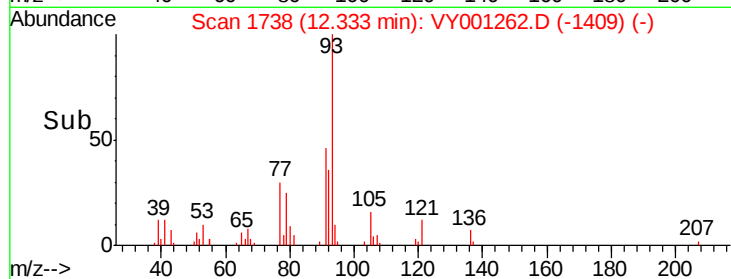
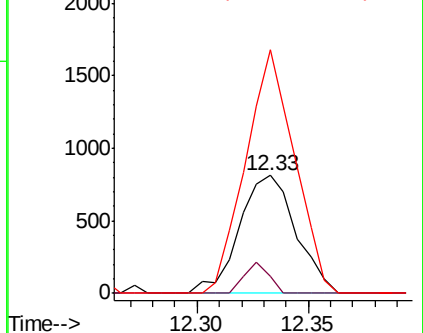
77 177.1 12.3 18.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 0.196 ug/L

RT: 12.49 min Scan# 1764

Delta R.T. -0.14 min

Lab File: VY001262.D

Acq: 16 Jan 2020 15:03

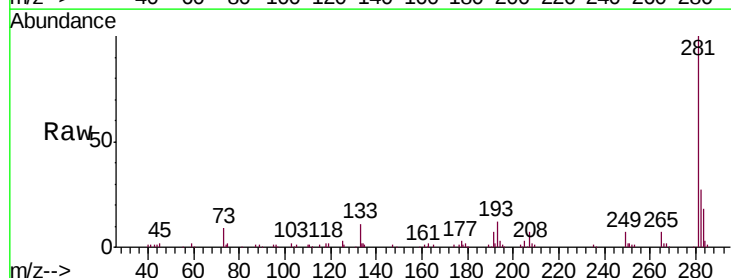
Tgt Ion: 75 Resp: 803

Ion Ratio Lower Upper

75 100

77 38.9 25.1 37.7#

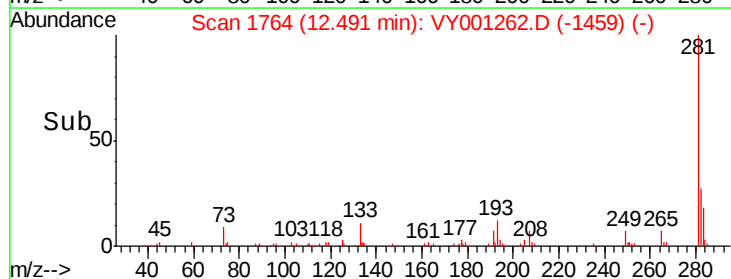
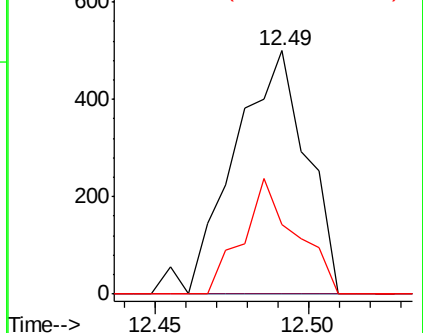
110 35.6 31.4 47.2

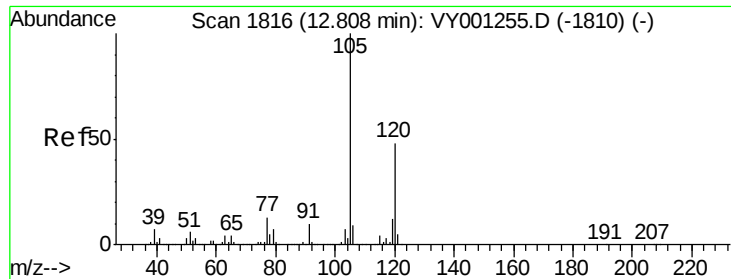


Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

Ion 110.00 (109.70 to 110.70): V

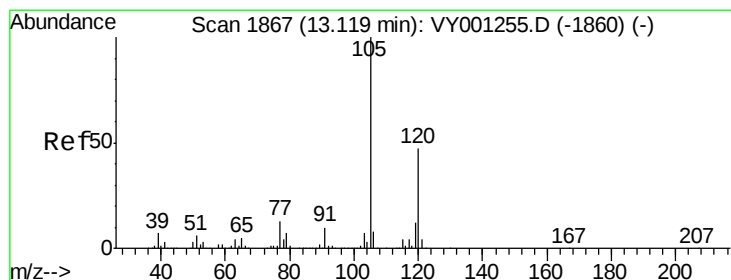
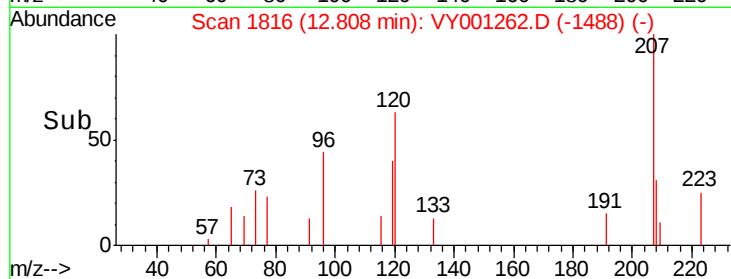
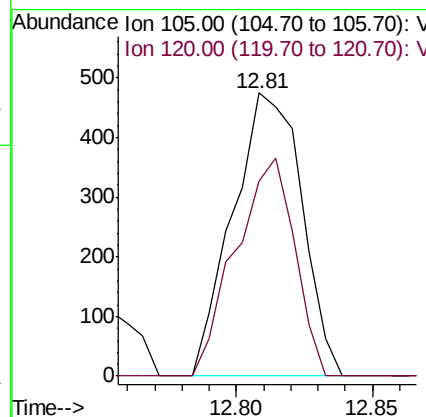
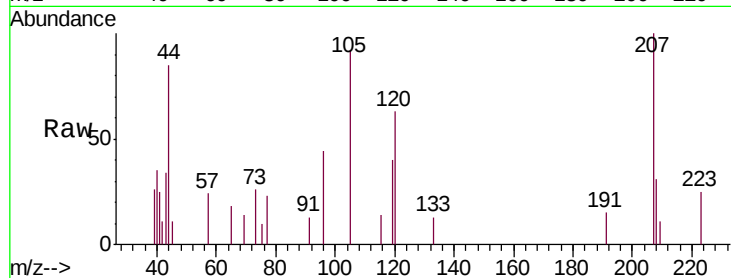




#62
 1,3,5-Trimethylbenzene
 Concen: 0.048 ug/L
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001262.D
 Acq: 16 Jan 2020 15:03

Instrument :
 MSVOA_Y
 ClientSampled :
 VBLK777

Tgt Ion:105 Resp: 834
 Ion Ratio Lower Upper
 105 100
 120 65.8 0.2 0.2#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.101 ug/L
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY001262.D
 Acq: 16 Jan 2020 15:03

Tgt Ion:105 Resp: 1737
 Ion Ratio Lower Upper
 105 100
 120 26.8 37.0 55.6#

