

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003729.D
 Acq On : 11 Dec 2020 15:44
 Operator : SY/MD
 Sample : VY1211SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK88

Quant Time: Dec 12 01:41:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	220480	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	212314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	103535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	68039	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
7) Chloroethane-d5	2.77	69	55781	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
10) 1,1-Dichloroethene-d2	3.86	63	104050	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	6.91	46	47337	42.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.18%
24) Chloroform-d	7.48	84	136216	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.15	65	78539	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.40%
29) Benzene-d6	8.12	84	291402	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.12	67	86604	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	10.18	98	266955	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.43	79	42577	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.96%
39) 2-Hexanone-d5	10.79	63	38231	41.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.90%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78890	24.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.36%
61) 1,2-Dichlorobenzene-d4	13.72	152	99839	26.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.16%

Target Compounds

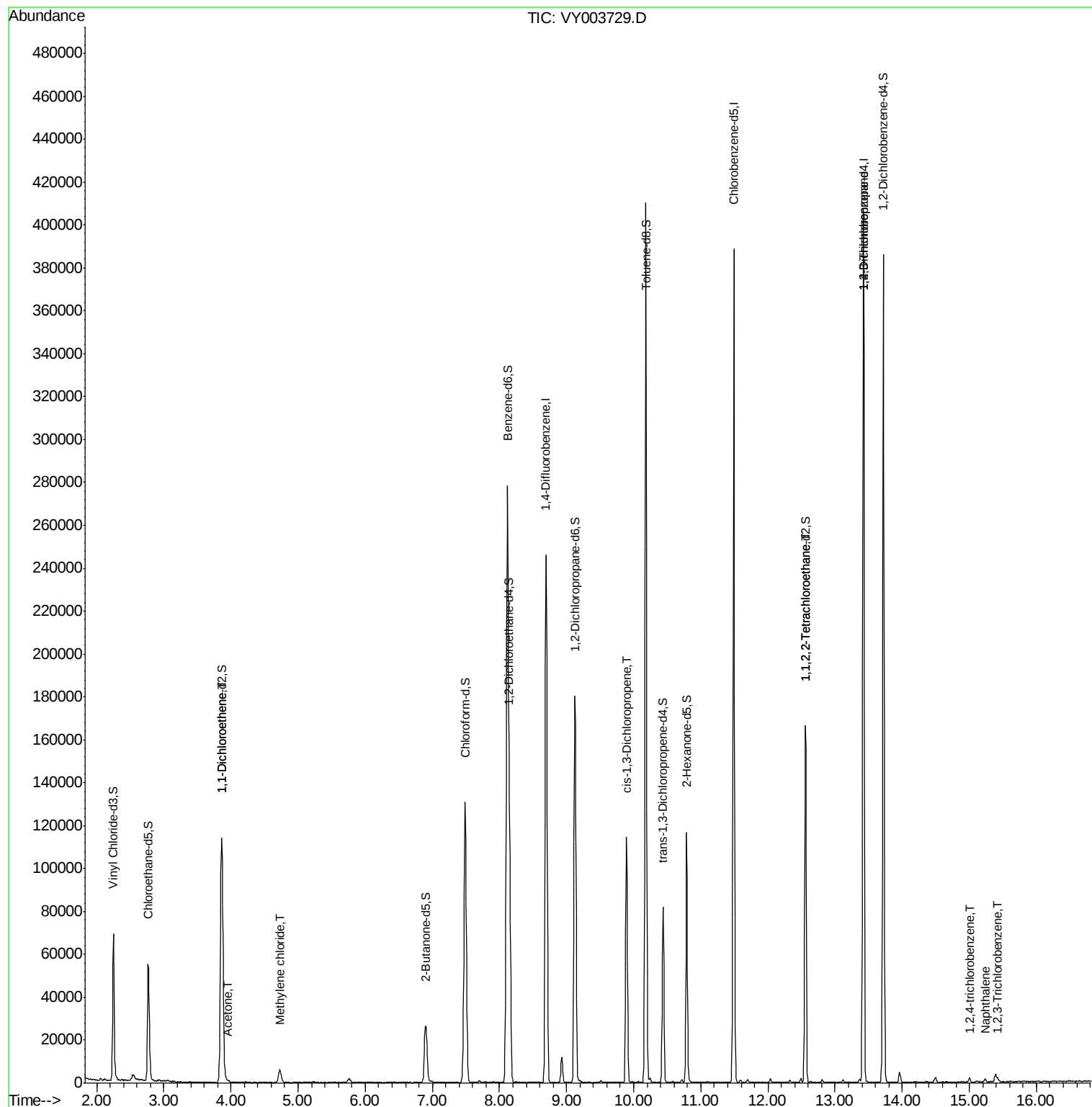
					Ovalue
12) 1,1-Dichloroethene	3.86	96	1187	0.450 ug/L #	1
13) Acetone	3.96	43	863	1.059 ug/L	72
16) Methylene chloride	4.73	84	4445	1.148 ug/L	93
42) cis-1,3-Dichloropropene	9.89	75	3477	0.725 ug/L #	65
58) 1,1,2,2-Tetrachloroethane	12.56	83	709	0.252 ug/L #	1
59) 1,2,3-Trichloropropane	13.42	75	12511	4.970 ug/L	97
68) 1,2,4-trichlorobenzene	15.00	180	866	0.233 ug/L #	79
69) Naphthalene	15.23	128	1764	0.226 ug/L #	89
70) 1,2,3-Trichlorobenzene	15.42	180	757	0.223 ug/L	91

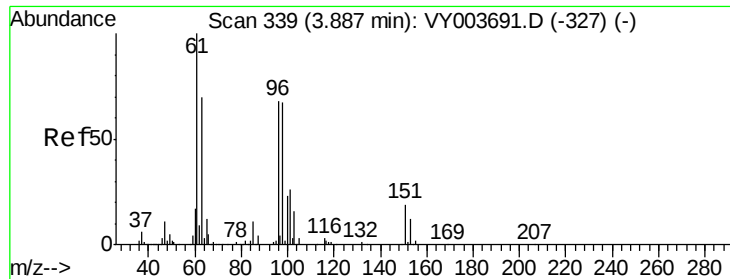
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK88

Quant Time: Dec 12 01:41:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.450 ug/L

RT: 3.86 min Scan# 334

Delta R.T. -0.03 min

Lab File: VY003729.D

Acq: 11 Dec 2020 15:44

Instrument :

MSVOA_Y

ClientSampled :

VBLK88

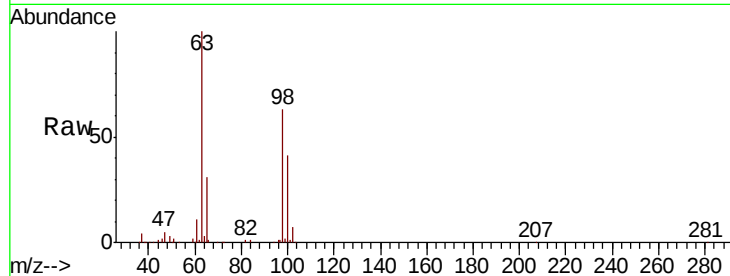
Tot Ion: 96 Resp: 1187

Ion Ratio Lower Upper

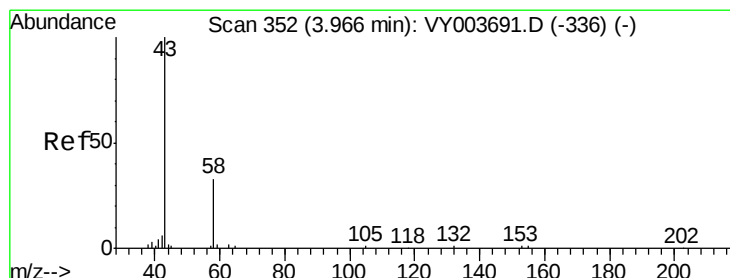
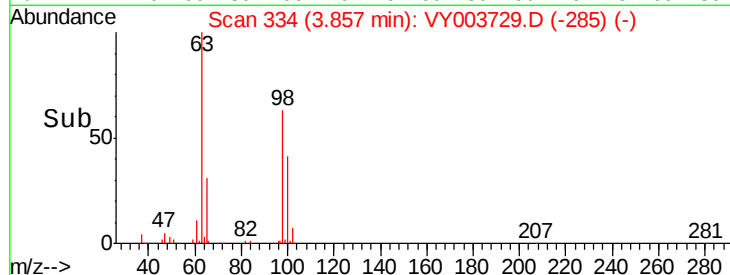
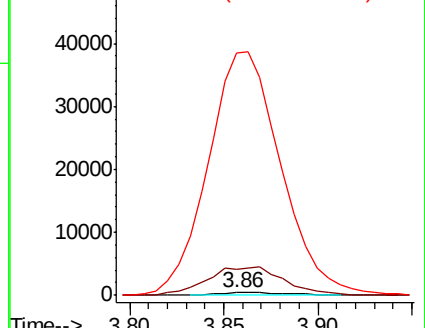
96 100

61 950.1 108.5 201.5#

63 8711.5 87.8 163.0#



Abundance Ion 96.00 (95.70 to 96.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 63.00 (62.70 to 63.70): VY0



#13

Acetone

Concen: 1.059 ug/L

RT: 3.96 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003729.D

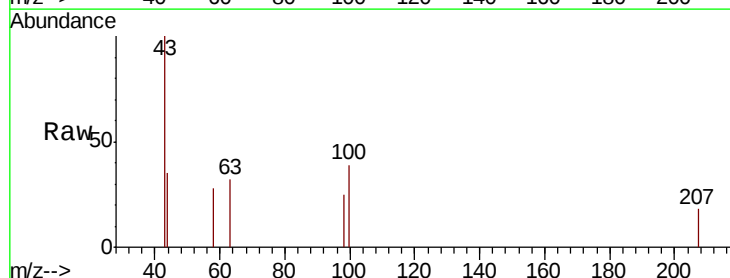
Acq: 11 Dec 2020 15:44

Tgt Ion: 43 Resp: 863

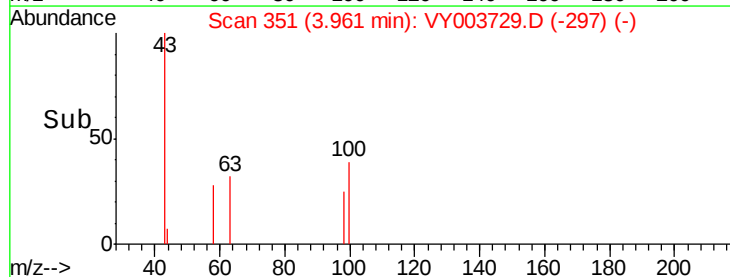
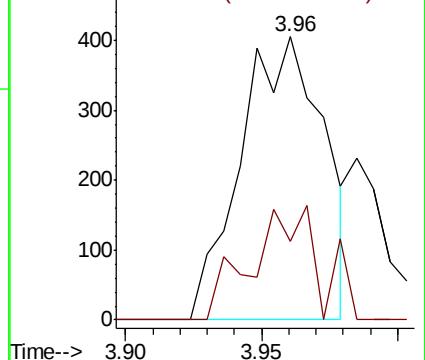
Ion Ratio Lower Upper

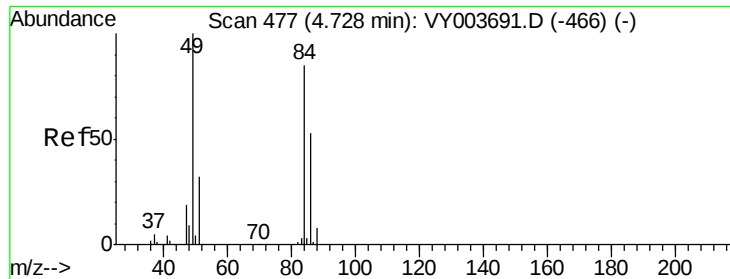
43 100

58 18.3 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

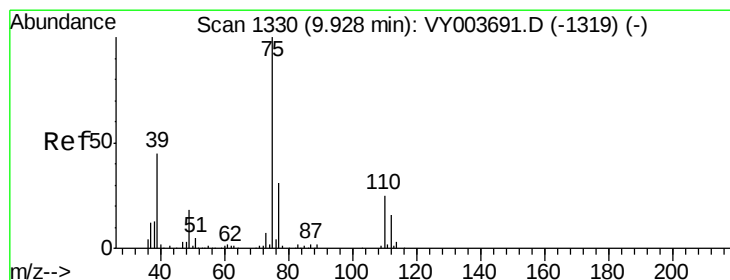
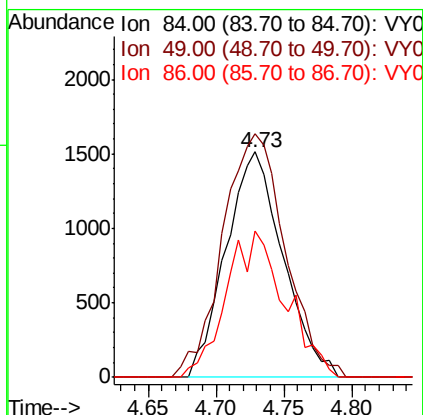
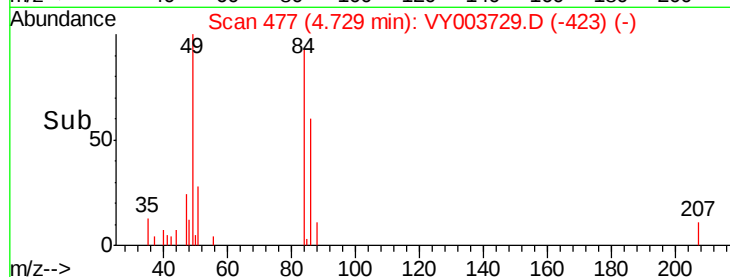
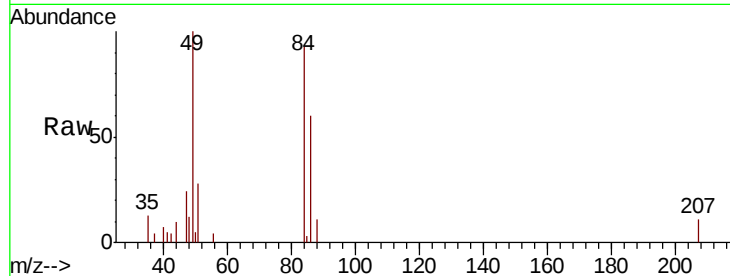




#16
Methylene chloride
Concen: 1.148 ug/L
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VY003729.D
Acq: 11 Dec 2020 15:44

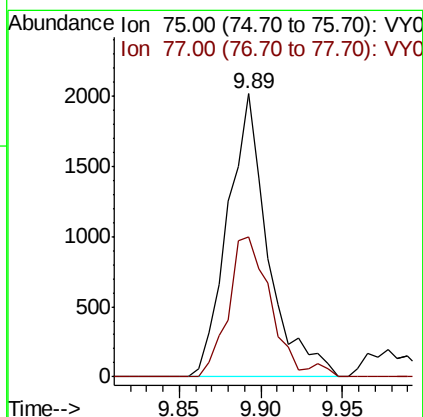
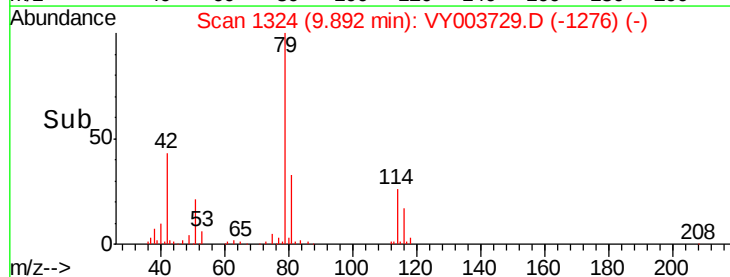
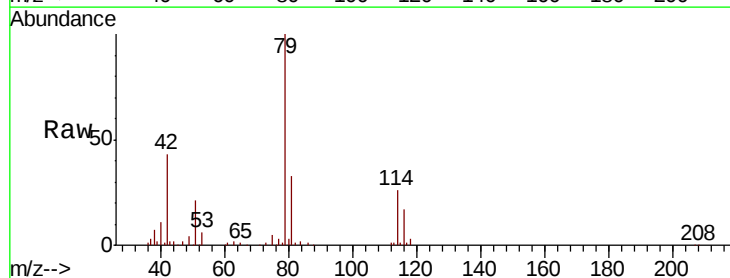
Instrument :
MSVOA_Y
ClientSampleId :
VBLK88

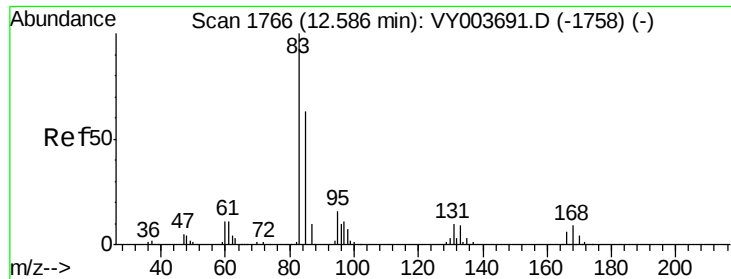
Tot Ion: 84 Resp: 4445
Ion Ratio Lower Upper
84 100
49 107.9 83.7 155.4
86 65.1 45.0 83.6



#42
cis-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003729.D
Acq: 11 Dec 2020 15:44

Tgt Ion: 75 Resp: 3477
Ion Ratio Lower Upper
75 100
77 49.6 21.3 39.6#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.252 ug/L

RT: 12.56 min Scan# 1762

Delta R.T. -0.02 min

Lab File: VY003729.D

Acq: 11 Dec 2020 15:44

Instrument :

MSVOA_Y

ClientSampled :

VBLK88

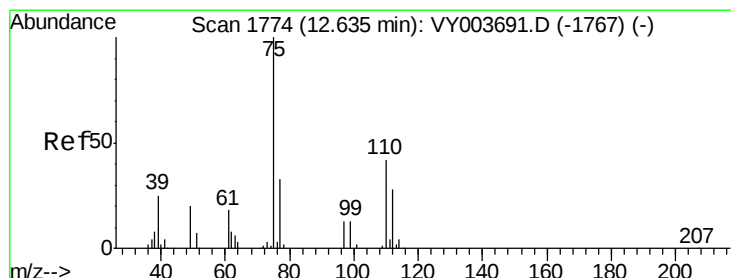
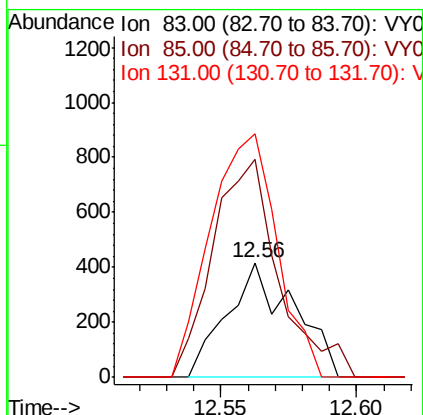
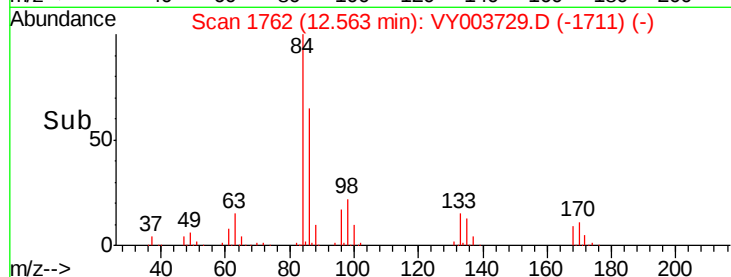
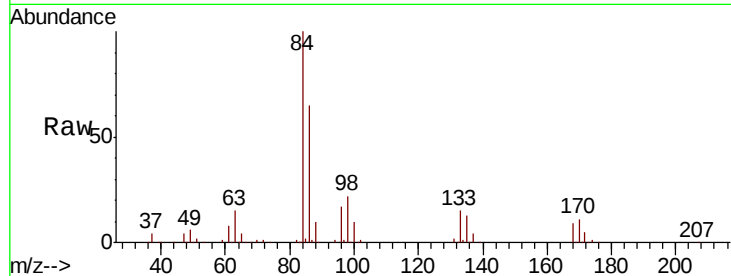
Tot Ion: 83 Resp: 709

Ion Ratio Lower Upper

83 100

85 189.7 47.2 87.6#

131 212.5 8.4 12.6#



#59

1,2,3-Trichloropropane

Concen: 4.970 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003729.D

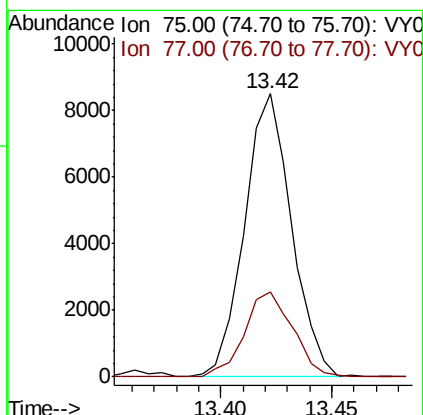
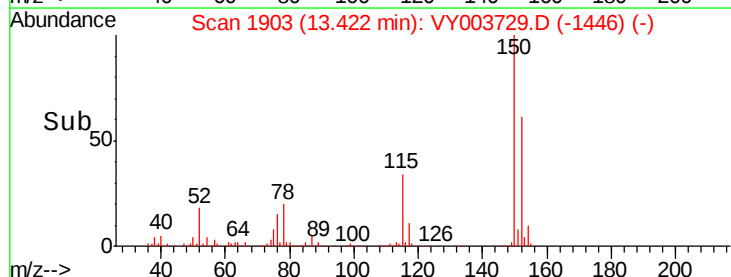
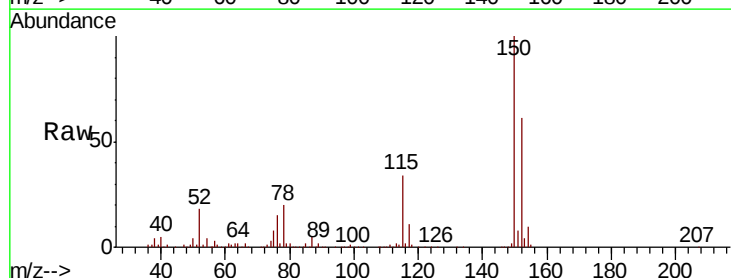
Acq: 11 Dec 2020 15:44

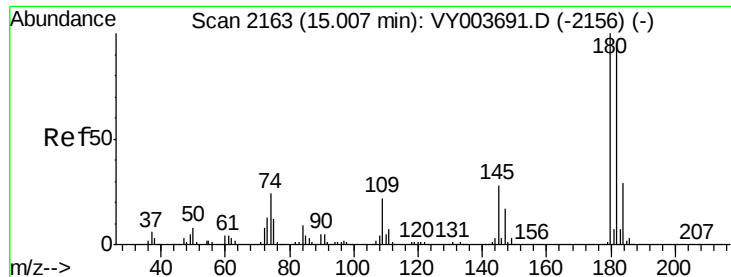
Tgt Ion: 75 Resp: 12511

Ion Ratio Lower Upper

75 100

77 30.9 25.9 38.9





#68

1,2,4-trichlorobenzene

Concen: 0.233 ug/L

RT: 15.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: VY003729.D

Acq: 11 Dec 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VBLK88

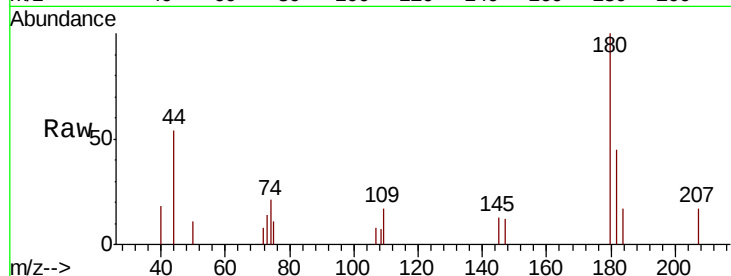
Tot Ion:180 Resp: 866

Ion Ratio Lower Upper

180 100

182 78.1 76.5 114.7

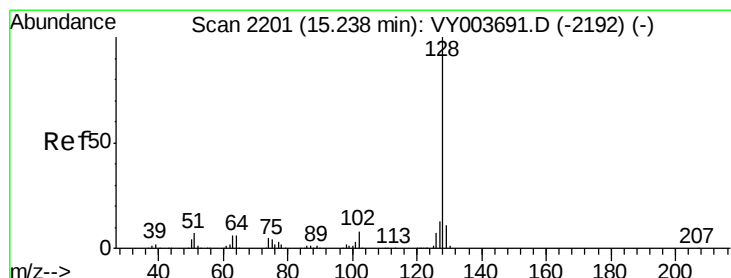
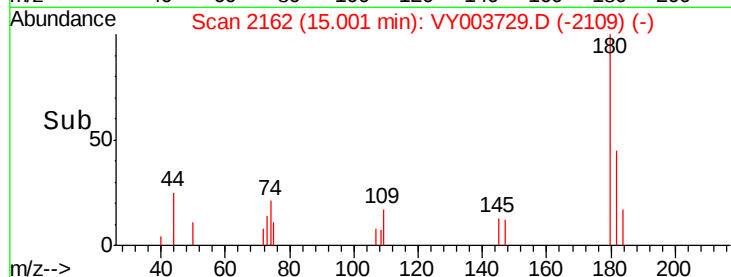
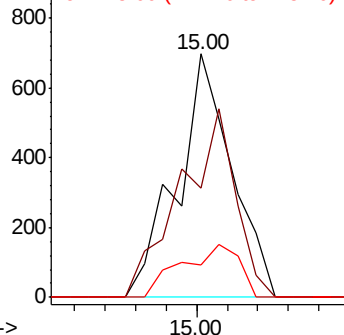
145 11.3 22.2 33.4#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#69

Naphthalene

Concen: 0.226 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.01 min

Lab File: VY003729.D

Acq: 11 Dec 2020 15:44

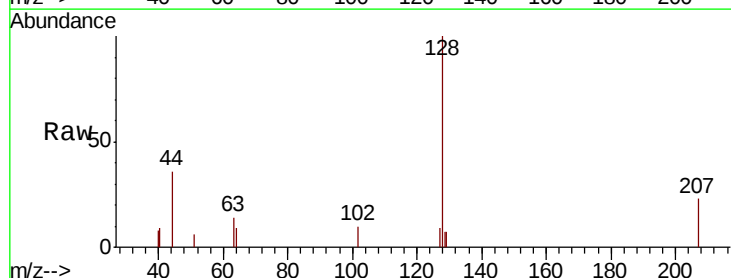
Tgt Ion:128 Resp: 1764

Ion Ratio Lower Upper

128 100

129 5.6 8.7 13.1#

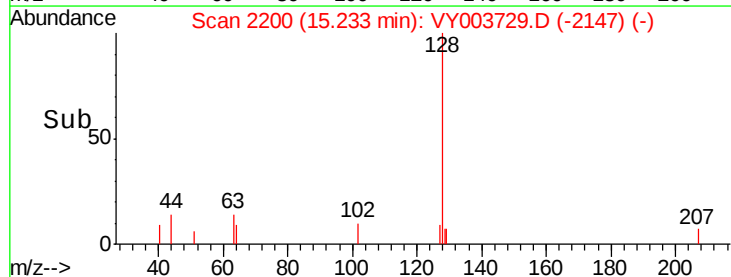
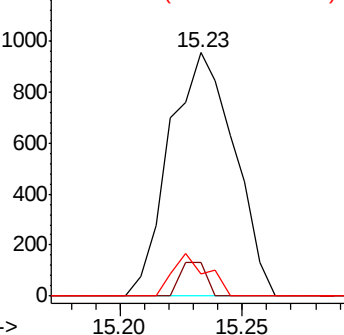
127 9.3 10.2 15.4#

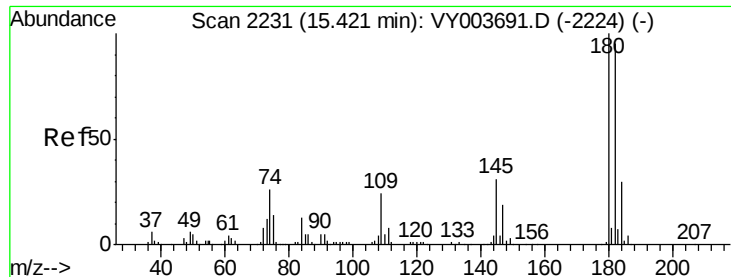


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/L
 RT: 15.42 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: VY003729.D
 Acq: 11 Dec 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK88

Tot Ion:180	Resp:	757
Ion	Ratio	Lower Upper
180	100	
182	104.9	76.9 115.3
145	25.4	24.2 36.4

