

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003750.D
 Acq On : 14 Dec 2020 15:39
 Operator : SY/MD
 Sample : VY1214SBL01
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK89

Quant Time: Dec 15 03:41:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	333682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	310629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	152855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	120726	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.04%
7) Chloroethane-d5	2.77	69	91966	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.36%
10) 1,1-Dichloroethene-d2	3.86	63	189891	19.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.40%
20) 2-Butanone-d5	6.90	46	102935	51.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.74%
24) Chloroform-d	7.49	84	224037	25.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	8.15	65	132042	26.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.80%
29) Benzene-d6	8.12	84	479993	26.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.80%
33) 1,2-Dichloropropane-d6	9.12	67	149325	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	10.18	98	432778	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.40%
38) trans-1,3-Dichloropropene-	10.44	79	71667	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.04%
39) 2-Hexanone-d5	10.79	63	80774	52.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.64%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	127972	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.72	152	153815	28.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.08%

Target Compounds

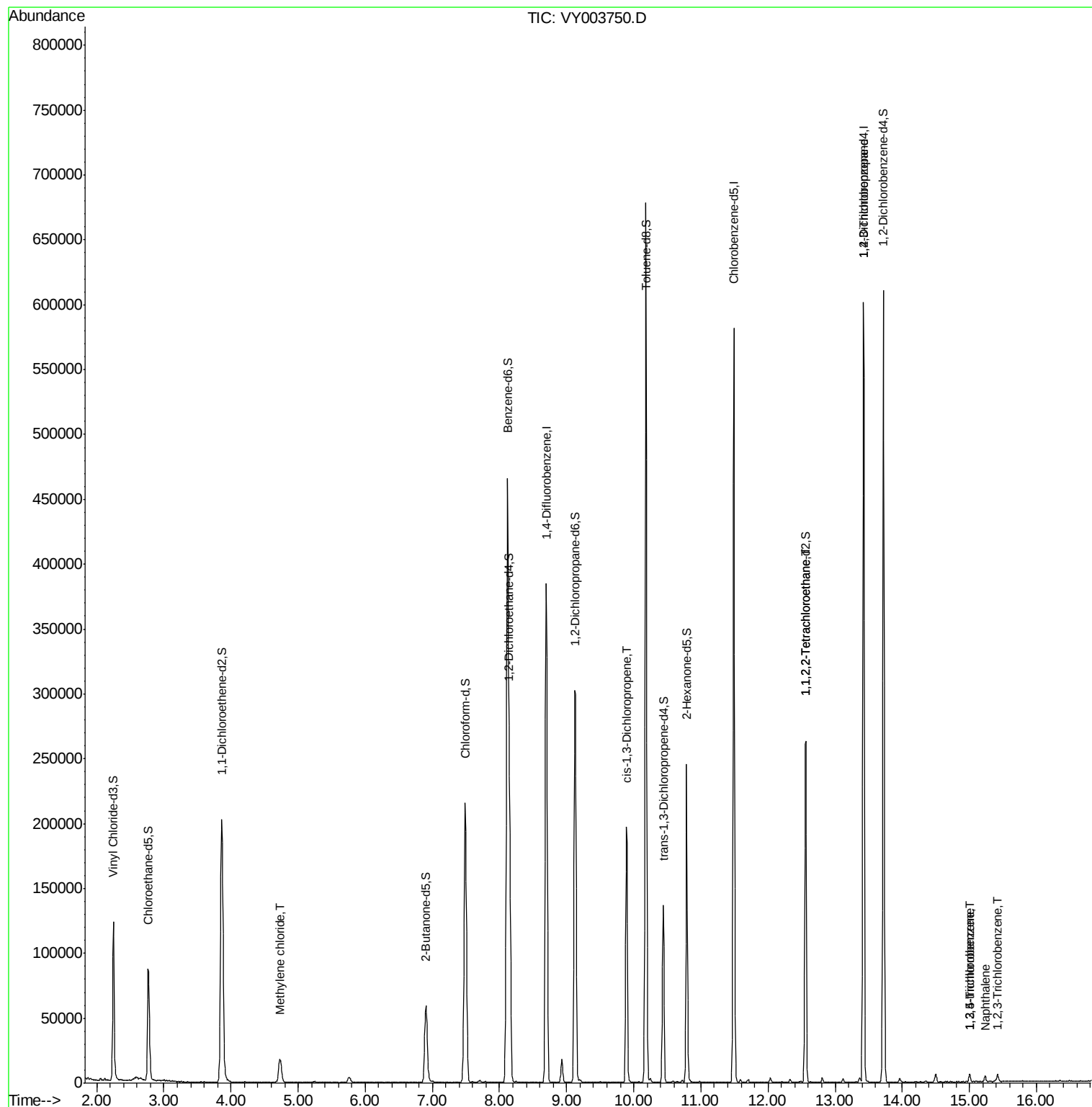
					Ovalue
16) Methylene chloride	4.73	84	13559	2.263 ug/L	94
42) cis-1,3-Dichloropropene	9.89	75	4994	0.614 ug/L #	62
58) 1,1,2,2-Tetrachloroethane	12.56	83	836	0.172 ug/L #	1
59) 1,2,3-Trichloropropane	13.42	75	19602	4.794 ug/L	97
67) 1,3,5-Trichlorobenzene	15.01	180	2069	0.301 ug/L	98
68) 1,2,4-trichlorobenzene	15.01	180	2069	0.353 ug/L	97
69) Naphthalene	15.23	128	4152	0.310 ug/L #	89
70) 1,2,3-Trichlorobenzene	15.42	180	1909	0.358 ug/L	88

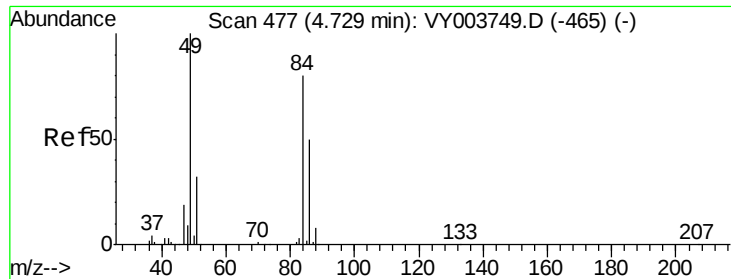
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003750.D
Acq On : 14 Dec 2020 15:39
Operator : SY/MD
Sample : VY1214SBL01
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VBLK89

Quant Time: Dec 15 03:41:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration

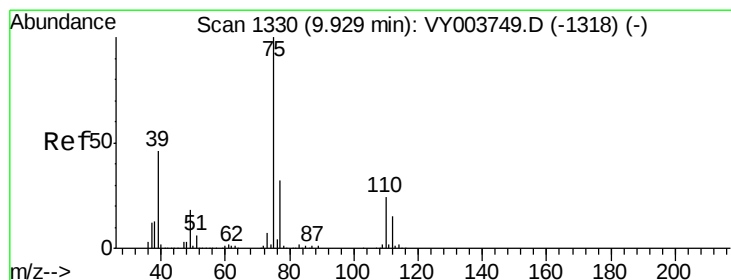
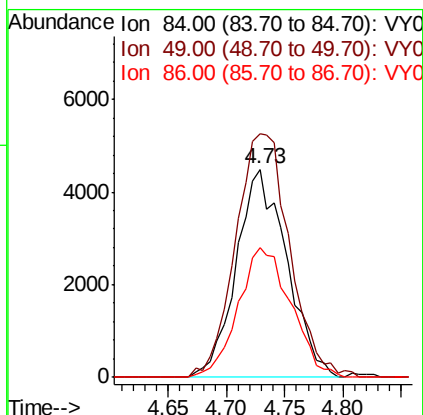
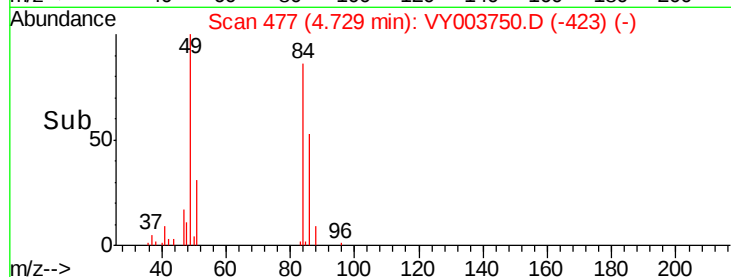
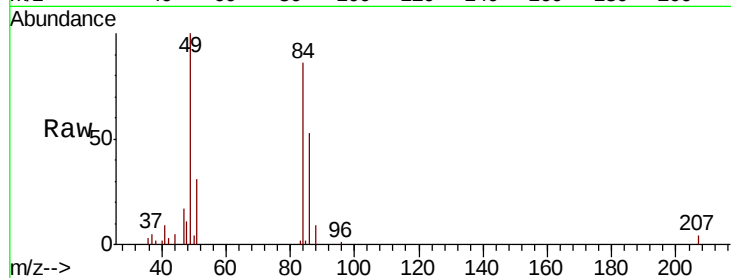




#16
Methvlene chloride
Concen: 2.263 ug/L
RT: 4.73 min Scan# 477
Delta R.T. -0.00 min
Lab File: VY003750.D
Acq: 14 Dec 2020 15:39

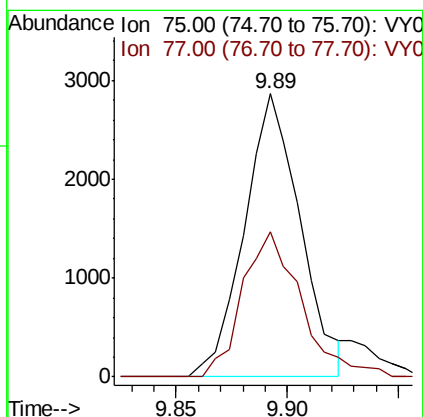
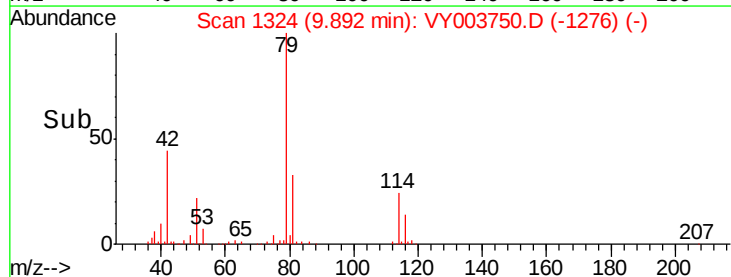
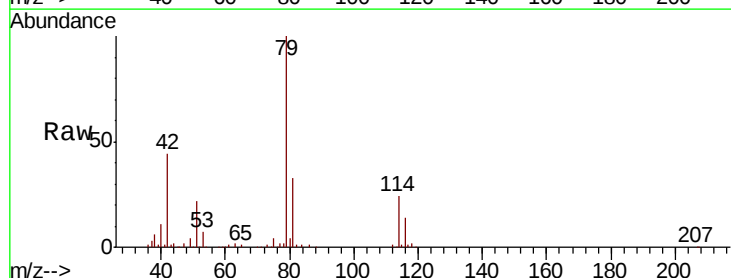
Instrument :
MSVOA_Y
ClientSampleId :
VBLK89

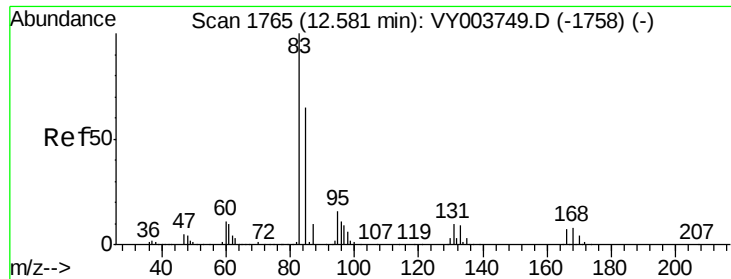
Tot Ion: 84 Resp: 13559
Ion Ratio Lower Upper
84 100
49 116.9 88.2 163.8
86 62.4 43.0 79.8



#42
cis-1,3-Dichloropropene
Concen: 0.614 ug/L
RT: 9.89 min Scan# 1324
Delta R.T. -0.04 min
Lab File: VY003750.D
Acq: 14 Dec 2020 15:39

Tgt Ion: 75 Resp: 4994
Ion Ratio Lower Upper
75 100
77 51.2 21.3 39.6#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.172 ug/L

RT: 12.56 min Scan# 1762

Delta R.T. -0.02 min

Lab File: VY003750.D

Acq: 14 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VBLK89

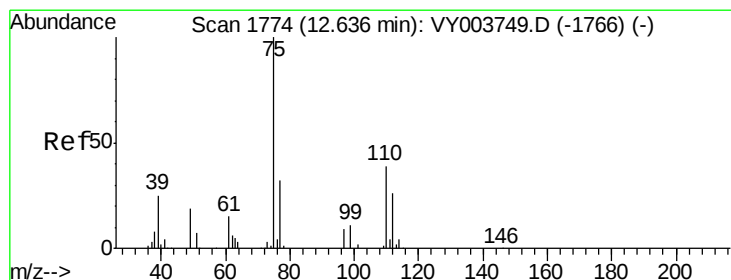
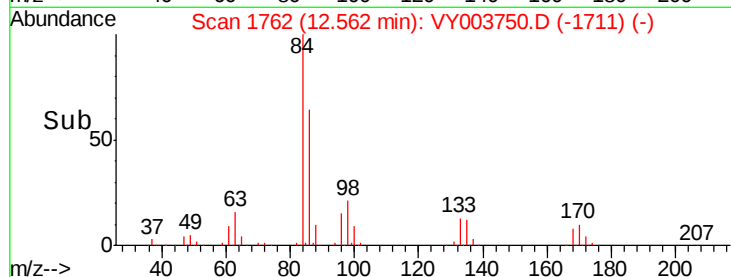
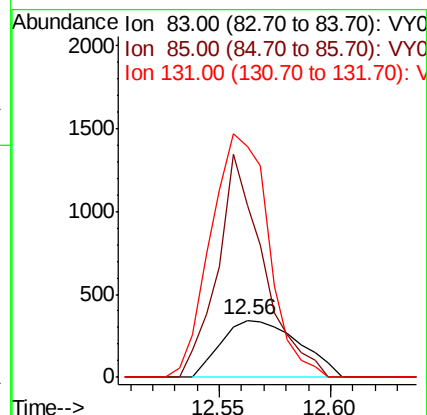
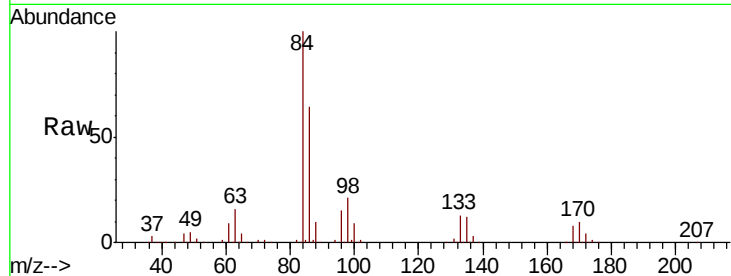
Tot Ion: 83 Resp: 836

Ion Ratio Lower Upper

83 100

85 300.9 43.9 81.5#

131 403.2 7.8 11.8#



#59

1,2,3-Trichloropropane

Concen: 4.794 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003750.D

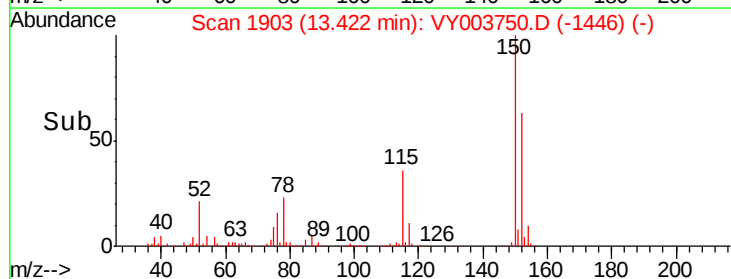
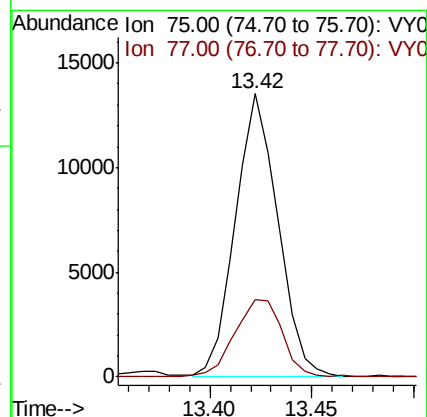
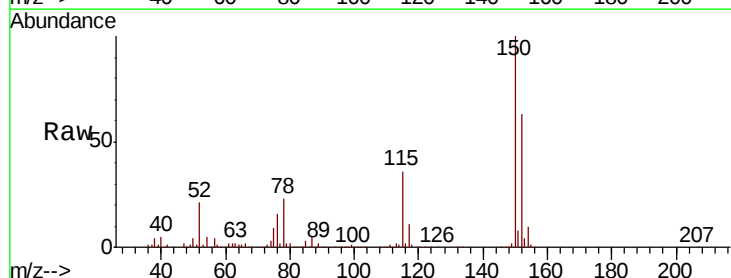
Acq: 14 Dec 2020 15:39

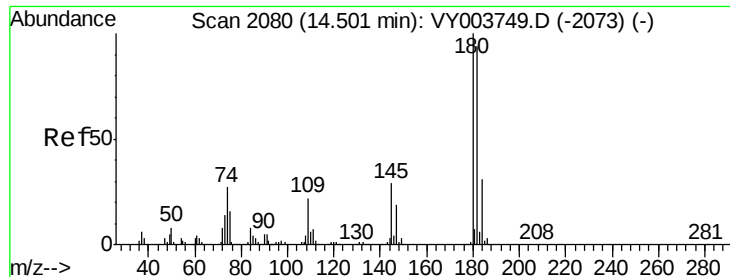
Tgt Ion: 75 Resp: 19602

Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3

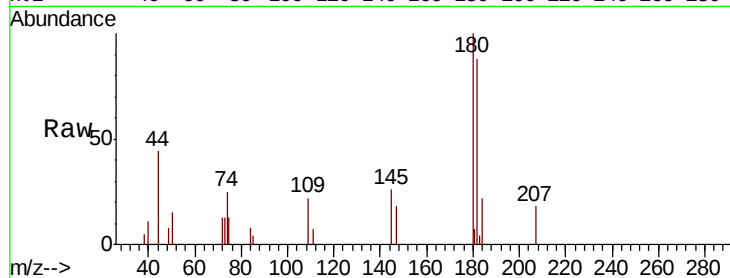




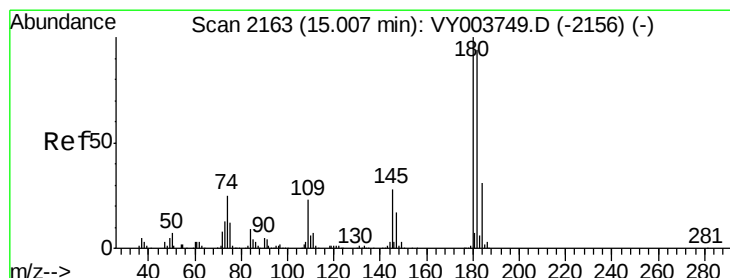
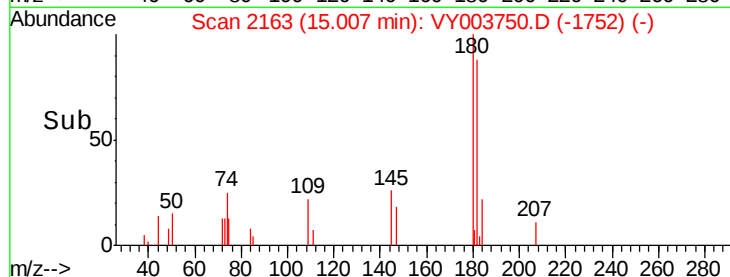
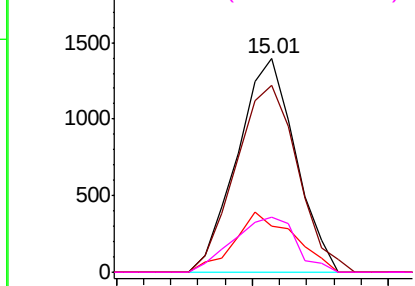
#67
 1,3,5-Trichlorobenzene
 Concen: 0.301 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. 0.51 min
 Lab File: VY003750.D
 Acq: 14 Dec 2020 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VBLK89

Tot Ion:180 Resp: 2069
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.7 113.5
 184 29.0 24.2 36.4
 145 28.0 22.9 34.3

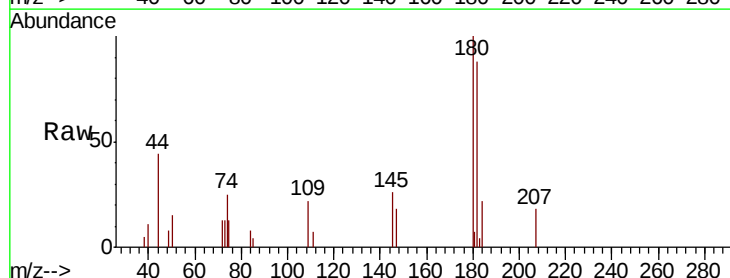


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

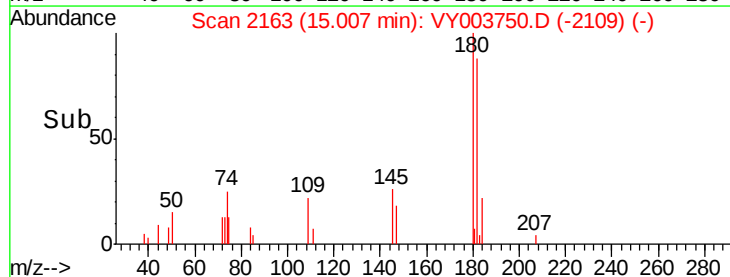
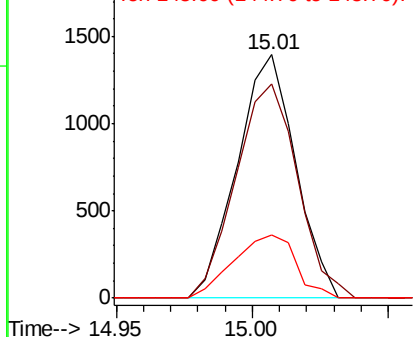


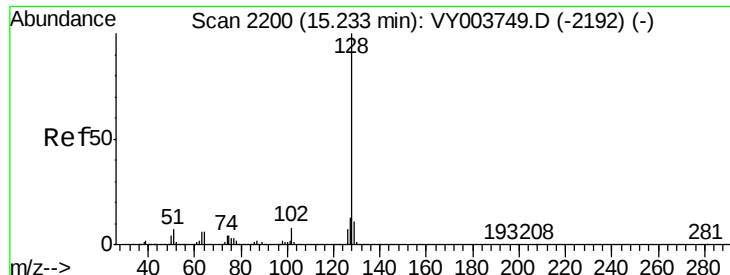
#68
 1,2,4-trichlorobenzene
 Concen: 0.353 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VY003750.D
 Acq: 14 Dec 2020 15:39

Tgt Ion:180 Resp: 2069
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.8 115.2
 145 28.0 23.7 35.5



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: 0.310 ug/L

RT: 15.23 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VY003750.D

Acq: 14 Dec 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VBLK89

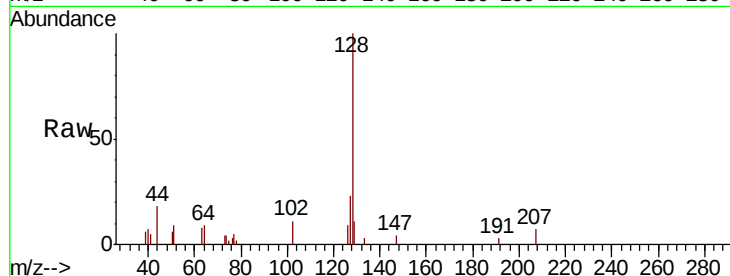
Tot Ion:128 Resp: 4152

Ion Ratio Lower Upper

128 100

129 6.6 8.6 12.8#

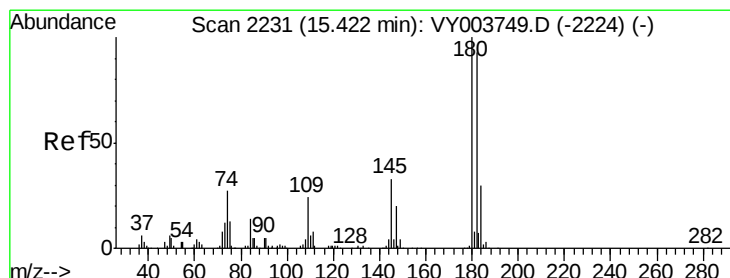
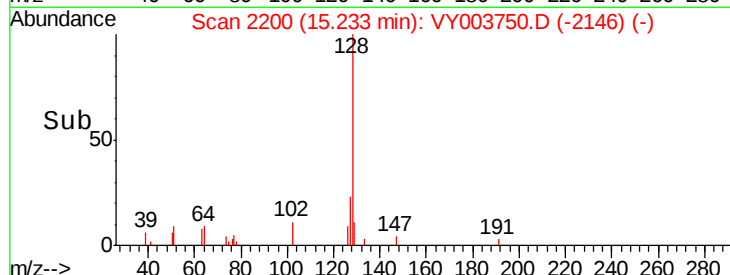
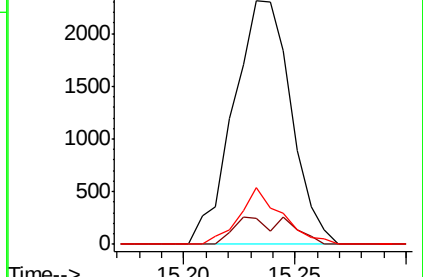
127 17.6 10.2 15.4#



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: 0.358 ug/L

RT: 15.42 min Scan# 2231

Delta R.T. -0.00 min

Lab File: VY003750.D

Acq: 14 Dec 2020 15:39

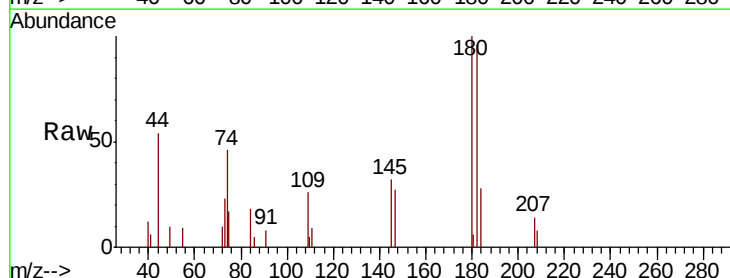
Tgt Ion:180 Resp: 1909

Ion Ratio Lower Upper

180 100

182 108.7 77.0 115.6

145 36.1 25.0 37.6



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

