

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003752.D
 Acq On : 14 Dec 2020 16:55
 Operator : SY/MD
 Sample : VIBLK62
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

Quant Time: Dec 15 03:41:43 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	345935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	329397	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	175228	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	121249	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
7) Chloroethane-d5	2.77	69	90014	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
10) 1,1-Dichloroethene-d2	3.86	63	186028	18.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.00%
20) 2-Butanone-d5	6.90	46	118562	57.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.26%
24) Chloroform-d	7.48	84	219167	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	8.15	65	131918	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.88%
29) Benzene-d6	8.12	84	477298	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.12	67	148065	24.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.76%
37) Toluene-d8	10.18	98	438497	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.64%
38) trans-1,3-Dichloropropene-	10.43	79	75254	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.00%
39) 2-Hexanone-d5	10.79	63	95009	58.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.06%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	139587	26.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	165660	26.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.28%

Target Compounds

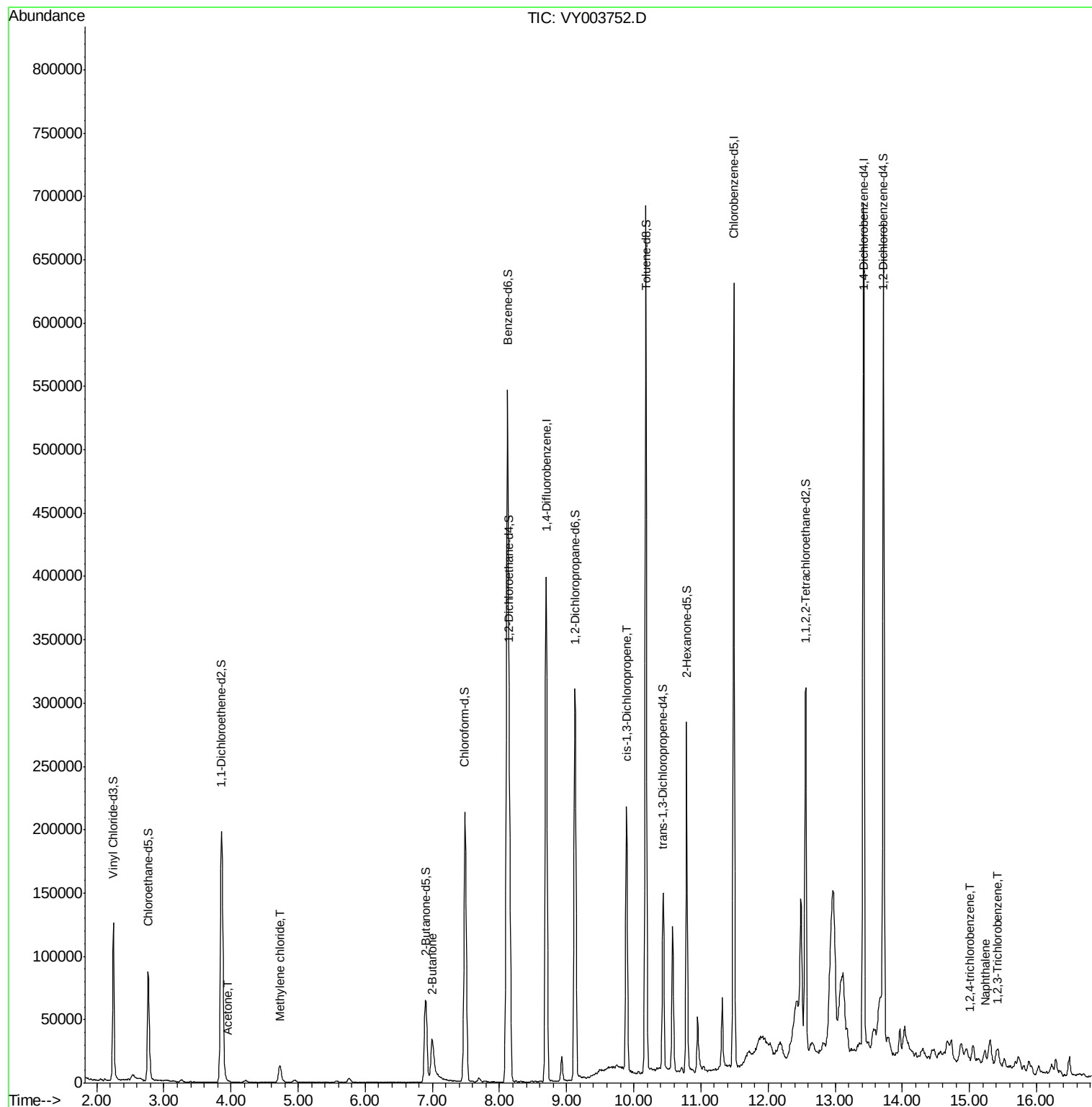
					Ovalue
13) Acetone	3.95	43	1472	1.038 ug/L	94
16) Methylene chloride	4.72	84	5018	0.808 ug/L	96
21) 2-Butanone	7.00	43	2303	0.934 ug/L #	61
42) cis-1,3-Dichloropropene	9.89	75	4814	0.558 ug/L #	32
68) 1,2,4-trichlorobenzene	15.01	180	1101	0.164 ug/L #	65
69) Naphthalene	15.23	128	4062	0.265 ug/L #	88
70) 1,2,3-Trichlorobenzene	15.43	180	1075	0.176 ug/L #	84

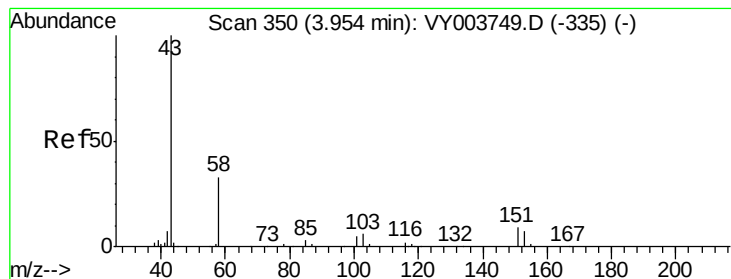
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003752.D
Acq On : 14 Dec 2020 16:55
Operator : SY/MD
Sample : VIBLK62
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK62

Quant Time: Dec 15 03:41:43 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





#13

Acetone

Concen: 1.038 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.00 min

Lab File: VY003752.D

Acq: 14 Dec 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

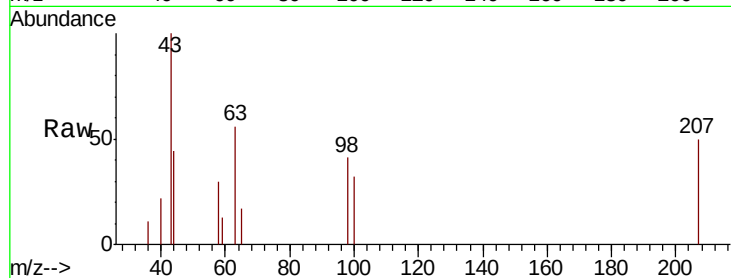
VIBLK62

Tot Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 29.1 0.0 65.4

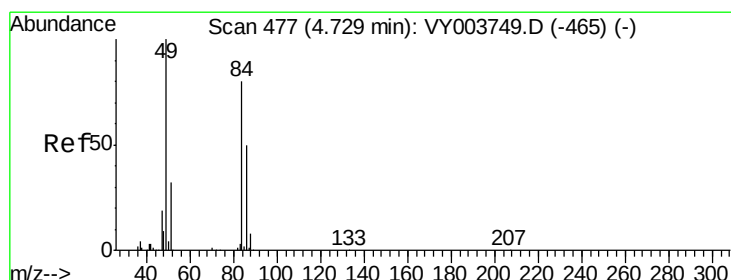
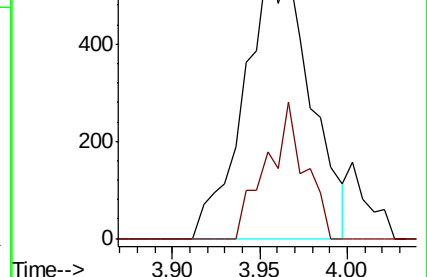
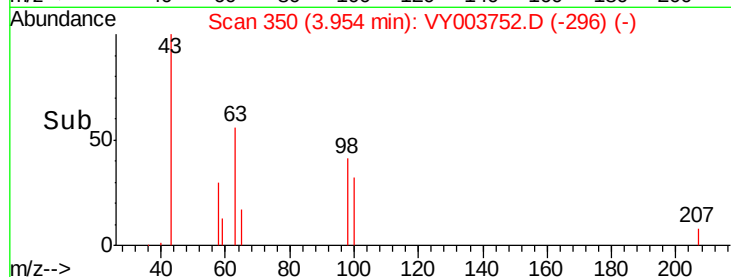


Abundance Ion 43.00 (42.70 to 43.70): VY003749.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VY003749.D (-335) (-)

3.95

4.00



#16

Methylene chloride

Concen: 0.808 ug/L

RT: 4.72 min Scan# 476

Delta R.T. -0.01 min

Lab File: VY003752.D

Acq: 14 Dec 2020 16:55

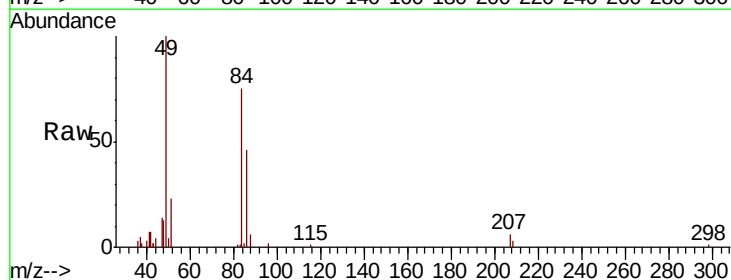
Tgt Ion: 84 Resp: 5018

Ion Ratio Lower Upper

84 100

49 132.8 88.2 163.8

86 61.5 43.0 79.8

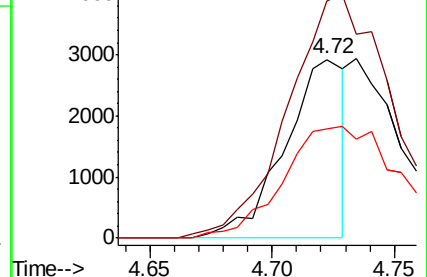
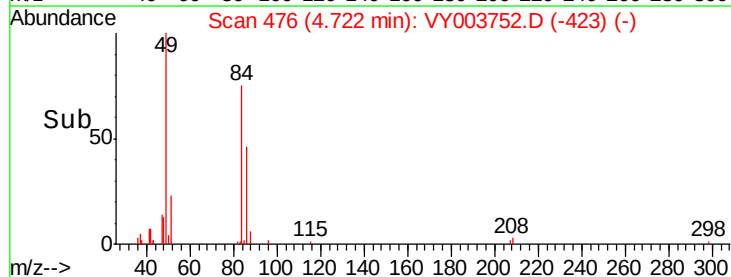


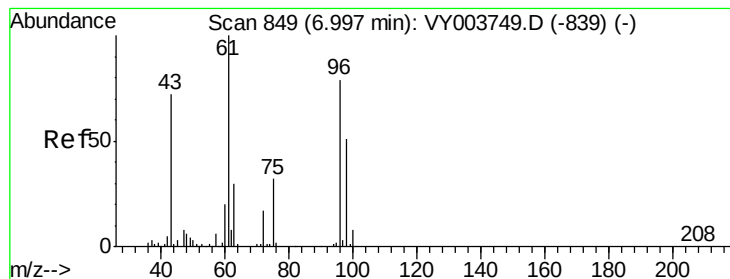
Abundance Ion 84.00 (83.70 to 84.70): VY003749.D (-465) (-)

Ion 49.00 (48.70 to 49.70): VY003749.D (-465) (-)

Ion 86.00 (85.70 to 86.70): VY003749.D (-465) (-)

4.72





#21

2-Butanone

Concen: 0.934 ug/L

RT: 7.00 min Scan# 849

Delta R.T. -0.00 min

Lab File: VY003752.D

Acq: 14 Dec 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

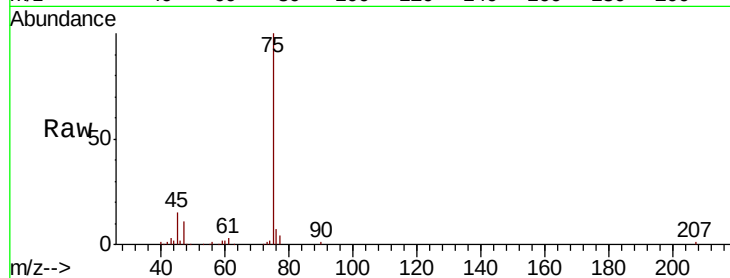
VIBLK62

Tot Ion: 43 Resp: 2303

Ion Ratio Lower Upper

43 100

72 6.3 13.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.00

800

600

400

200

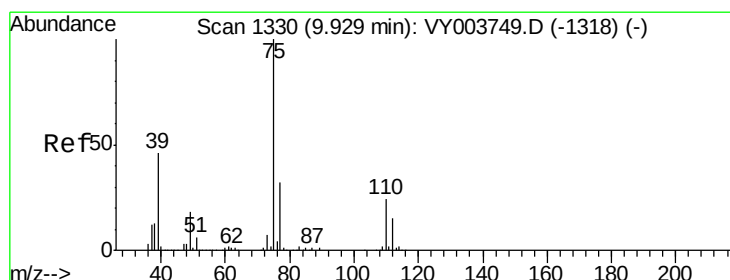
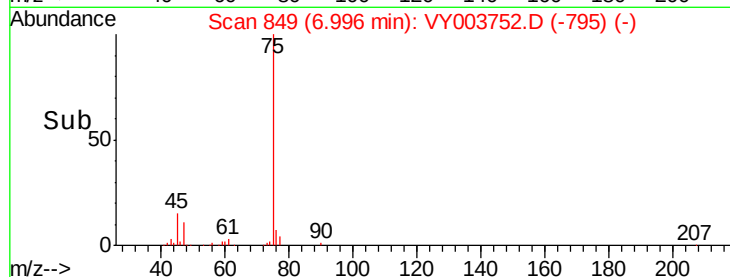
0

6.95

7.00

7.05

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.558 ug/L

RT: 9.89 min Scan# 1324

Delta R.T. -0.04 min

Lab File: VY003752.D

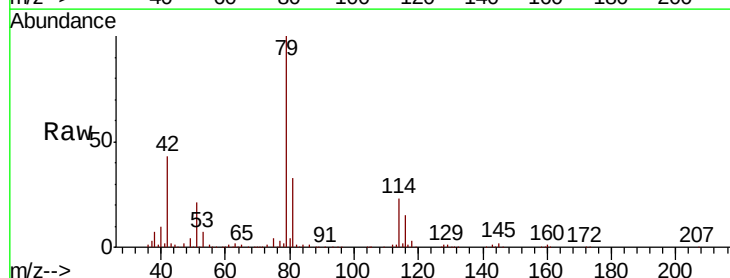
Acq: 14 Dec 2020 16:55

Tgt Ion: 75 Resp: 4814

Ion Ratio Lower Upper

75 100

77 67.4 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

9.89

3000

2000

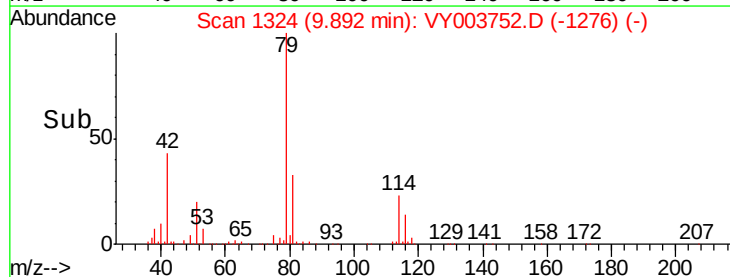
1000

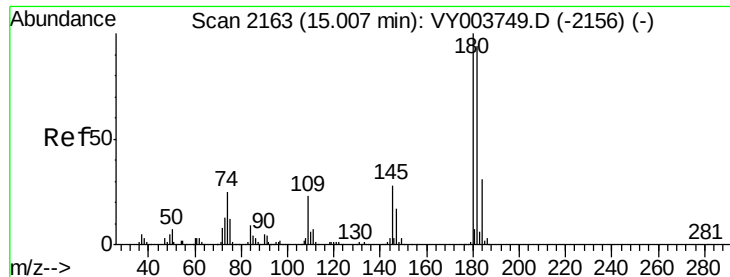
0

9.85

9.90

Time-->

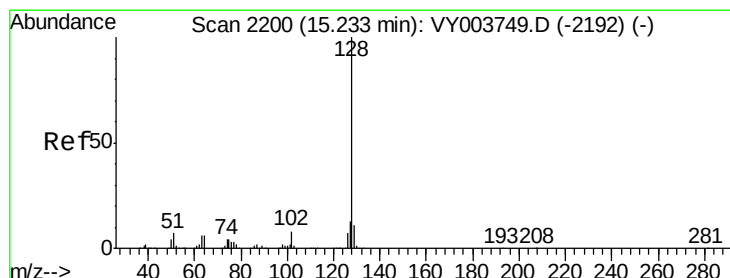
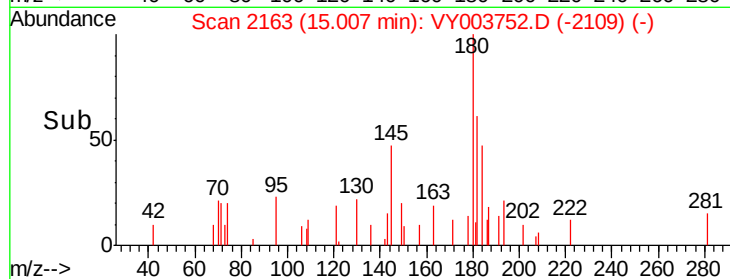
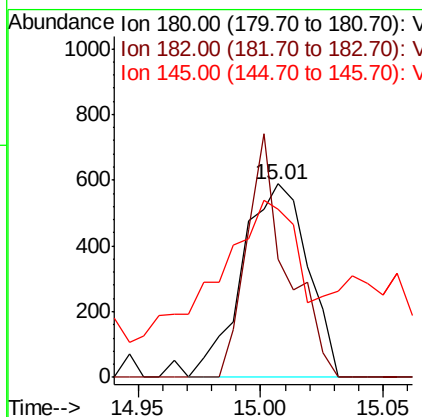
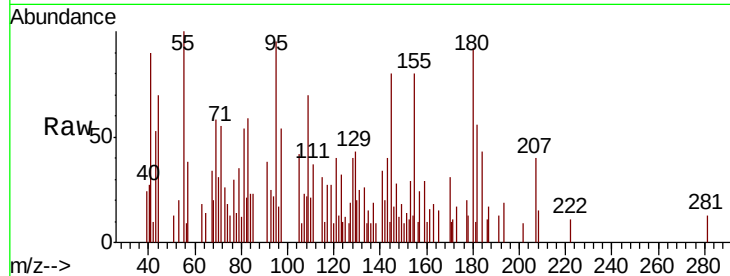




#68
 1,2,4-trichlorobenzene
 Concen: 0.164 ug/L
 RT: 15.01 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VY003752.D
 Acq: 14 Dec 2020 16:55

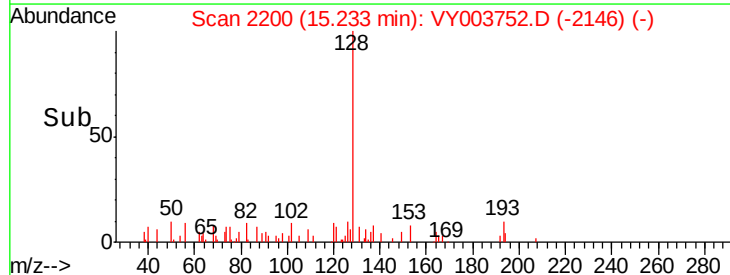
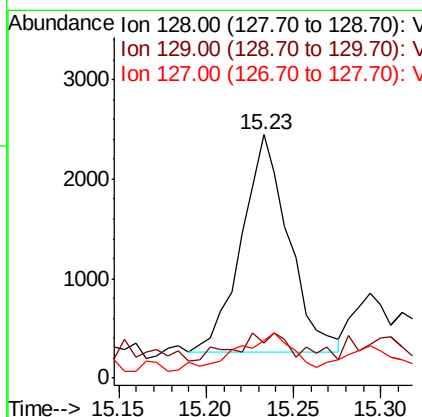
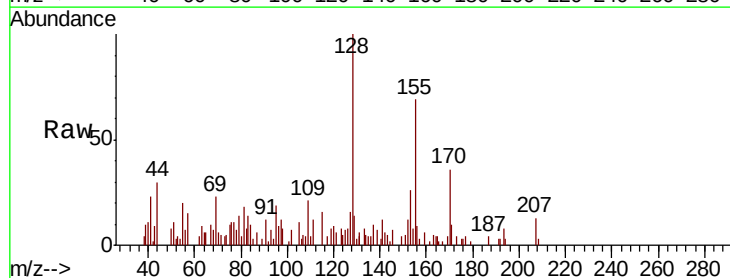
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

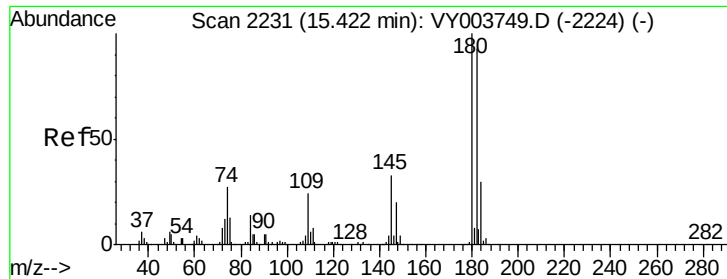
Tot Ion:180 Resp: 1101
 Ion Ratio Lower Upper
 180 100
 182 65.3 76.8 115.2#
 145 53.6 23.7 35.5#



#69
 Naphthalene
 Concen: 0.265 ug/L
 RT: 15.23 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY003752.D
 Acq: 14 Dec 2020 16:55

Tgt Ion:128 Resp: 4062
 Ion Ratio Lower Upper
 128 100
 129 3.8 8.6 12.8#
 127 9.8 10.2 15.4#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.176 ug/L
 RT: 15.43 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: VY003752.D
 Acq: 14 Dec 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK62

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.0	115.6
145	63.7	25.0	37.6

