

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003751.D
 Acq On : 14 Dec 2020 16:32
 Operator : SY/MD
 Sample : L5063-01RE
 Misc : 4.34G/10ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD5

Quant Time: Dec 15 03:41:34 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	282942	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	235941	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	83448	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	103569	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.28%
7) Chloroethane-d5	2.77	69	77812	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
10) 1,1-Dichloroethene-d2	3.86	63	155997	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.92%
20) 2-Butanone-d5	6.90	46	58920	35.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.04%
24) Chloroform-d	7.49	84	183654	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.15	65	96025	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	8.12	84	389378	28.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.04%
33) 1,2-Dichloropropane-d6	9.12	67	117784	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.80%
37) Toluene-d8	10.18	98	324943	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.16%
38) trans-1,3-Dichloropropene-	10.44	79	51452	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.28%
39) 2-Hexanone-d5	10.79	63	45813	39.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.14%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	77318	20.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.20%
61) 1,2-Dichlorobenzene-d4	13.72	152	77229	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	3.87	101	1626	0.395 ug/L #	19
13) Acetone	3.95	43	2478	2.136 ug/L	71
14) Carbon disulfide	4.21	76	3269	0.238 ug/L	97
16) Methylene chloride	4.73	84	6179	1.216 ug/L	95
42) cis-1,3-Dichloropropene	9.89	75	4162	0.673 ug/L #	70
44) Toluene	10.25	91	19161	1.202 ug/L	99
53) Ethylbenzene	11.59	91	3489	0.200 ug/L	96
54) m,p-Xylene	11.70	106	4785	0.712 ug/L	95
55) o-xylene	12.03	106	5015	0.795 ug/L	95
57) Isopropylbenzene	12.32	105	6041	0.359 ug/L #	85
59) 1,2,3-Trichloropropane	13.42	75	11472	3.694 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.33	75	2446	4.997 ug/L #	1
68) 1,2,4-trichlorobenzene	15.00	180	2325	0.726 ug/L #	1
69) Naphthalene	15.23	128	85183	11.652 ug/L #	95
70) 1,2,3-Trichlorobenzene	15.43	180	1533	0.526 ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003751.D
Acq On : 14 Dec 2020 16:32
Operator : SY/MD
Sample : L5063-01RE
Misc : 4.34G/10ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AD5

Quant Time: Dec 15 03:41:34 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

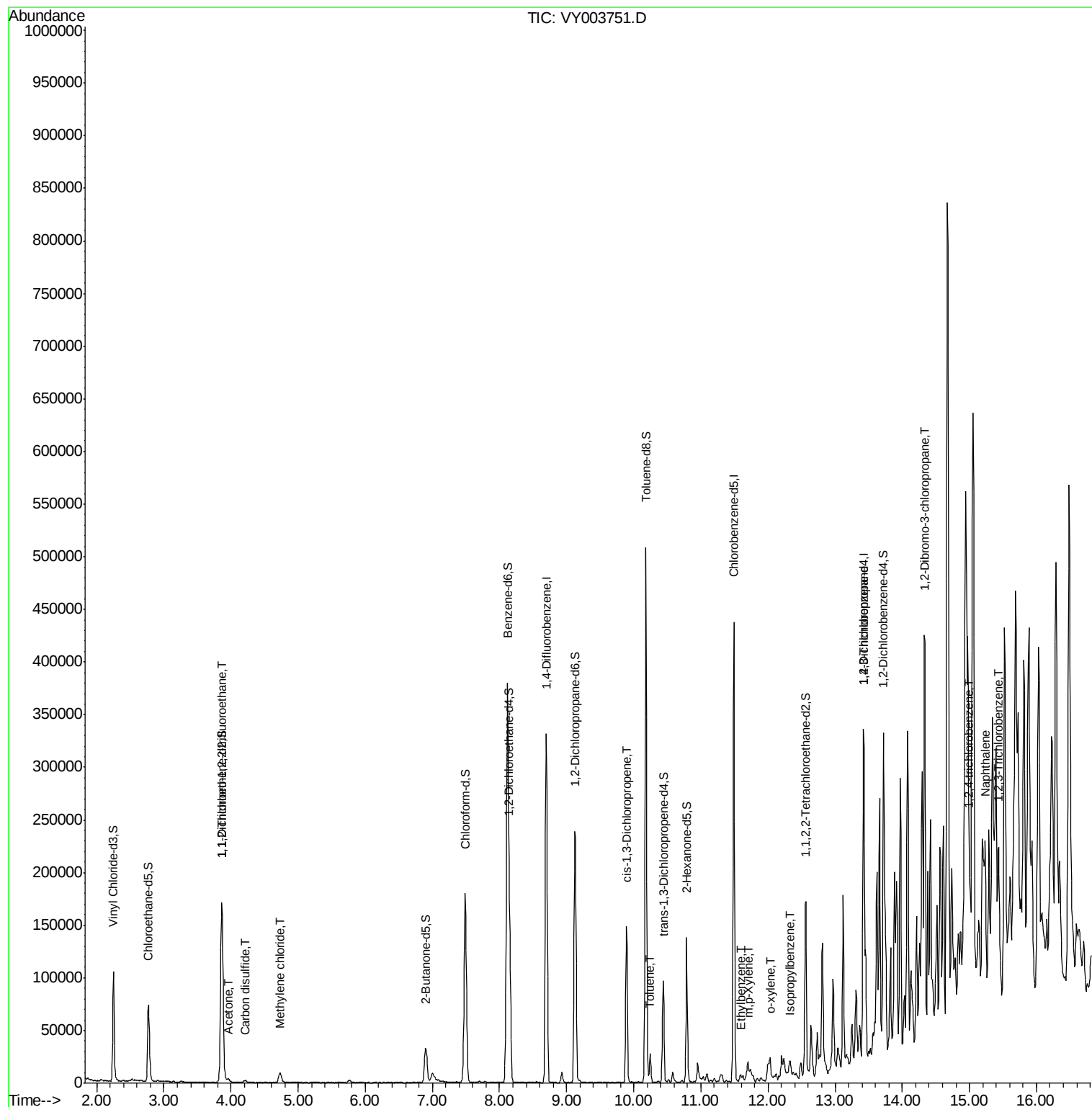
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

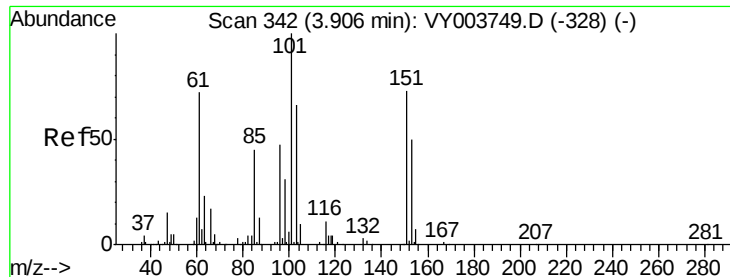
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003751.D
Acq On : 14 Dec 2020 16:32
Operator : SY/MD
Sample : L5063-01RE
Misc : 4.34G/10ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AD5

Quant Time: Dec 15 03:41:34 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





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.395 ug/L

RT: 3.87 min Scan# 336

Delta R.T. -0.04 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

C0AD5

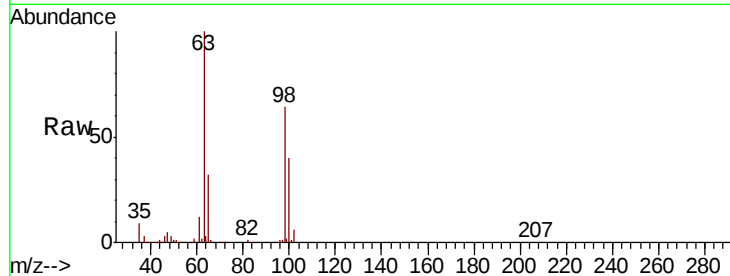
Tot Ion:101 Resp: 1626

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

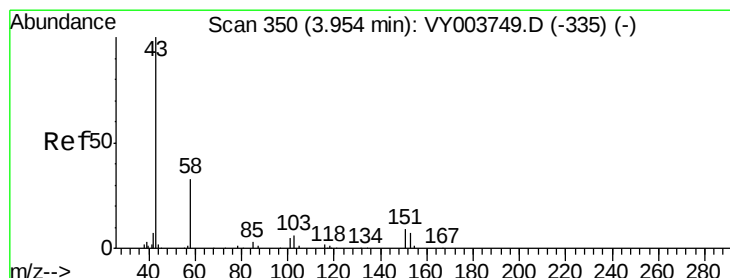
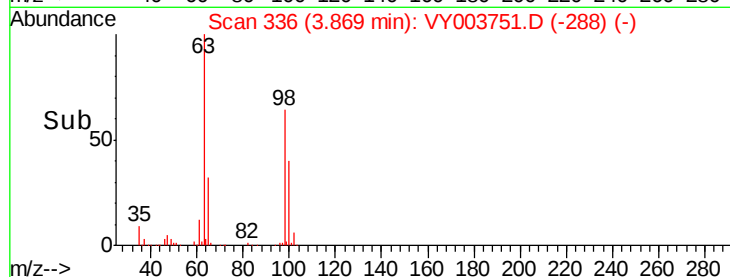
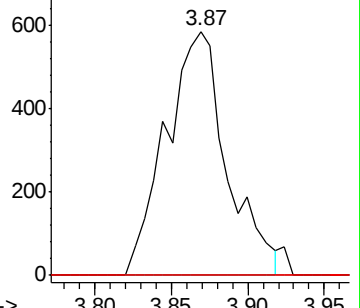
151 0.0 62.1 93.1#



Abundance Ion 101.00 (100.70 to 101.70): VY003749.D (-328) (-)

Ion 85.00 (84.70 to 85.70): VY003749.D (-328) (-)

Ion 151.00 (150.70 to 151.70): VY003749.D (-328) (-)



#13

Acetone

Concen: 2.136 ug/L

RT: 3.95 min Scan# 350

Delta R.T. -0.00 min

Lab File: VY003751.D

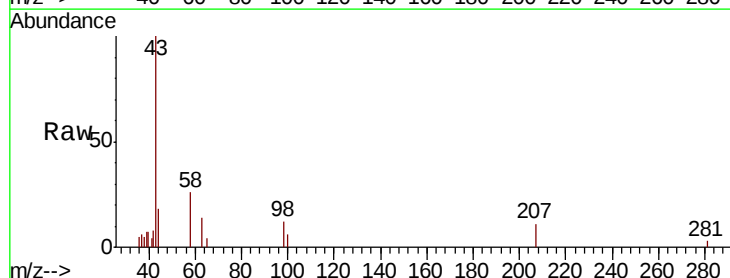
Acq: 14 Dec 2020 16:32

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

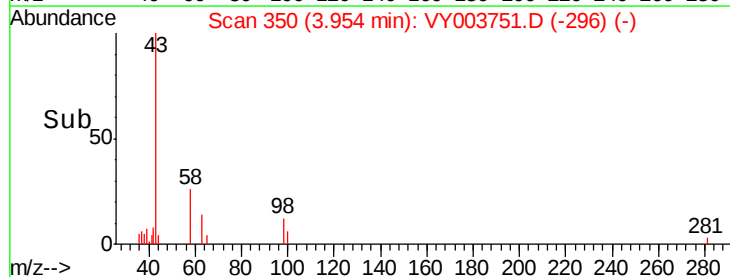
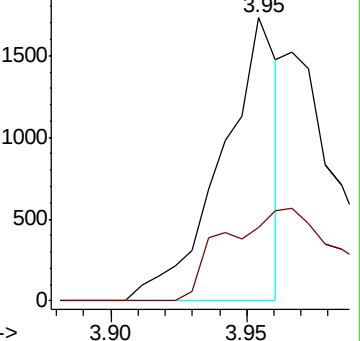
43 100

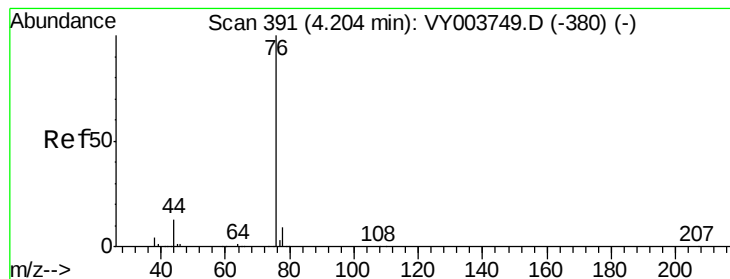
58 48.9 0.0 65.4



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

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





#14

Carbon disulfide

Concen: 0.238 ug/L

RT: 4.21 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

Instrument :

MSVOA_Y

ClientSampled :

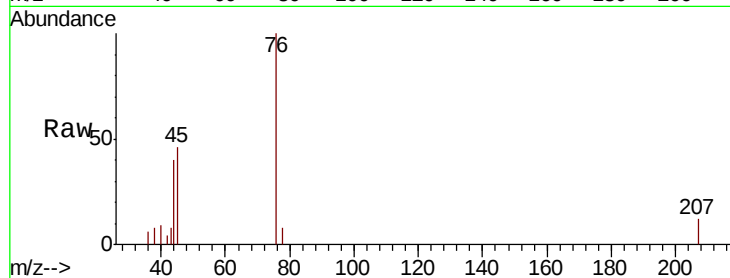
C0AD5

Tot Ion: 76 Resp: 3269

Ion Ratio Lower Upper

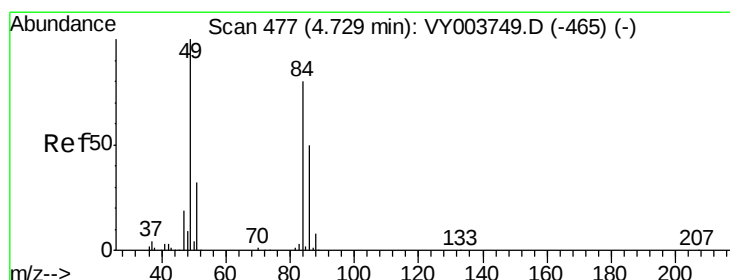
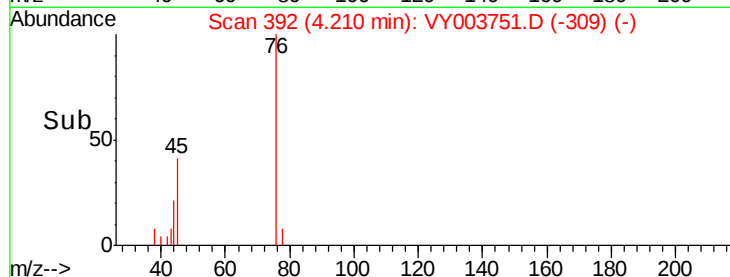
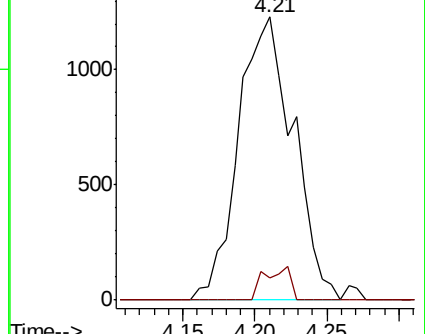
76 100

78 7.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0



#16

Methylene chloride

Concen: 1.216 ug/L

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

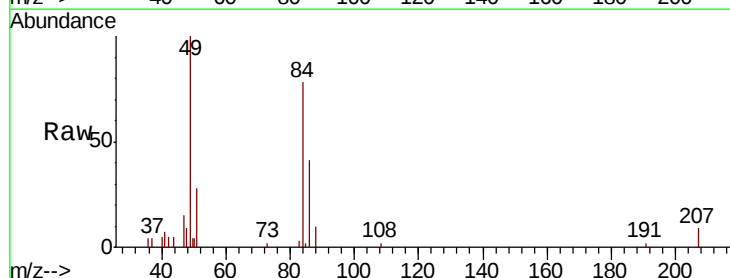
Tgt Ion: 84 Resp: 6179

Ion Ratio Lower Upper

84 100

49 128.7 88.2 163.8

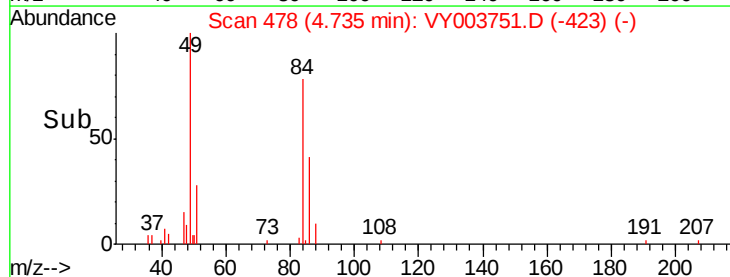
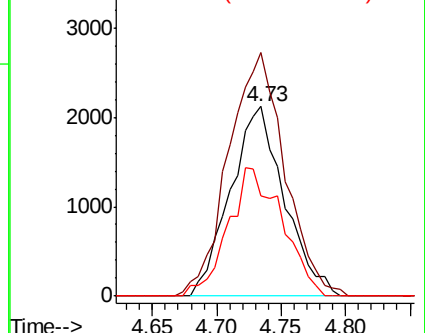
86 53.0 43.0 79.8

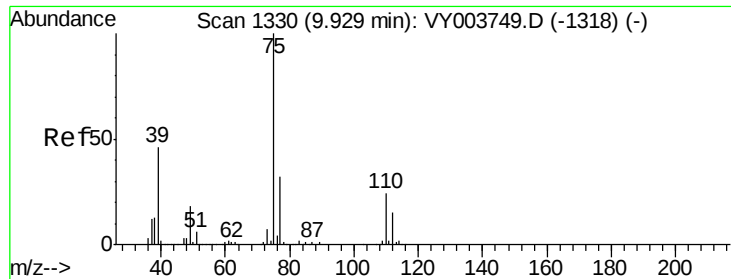


Abundance Ion 84.00 (83.70 to 84.70): VY0

Ion 49.00 (48.70 to 49.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



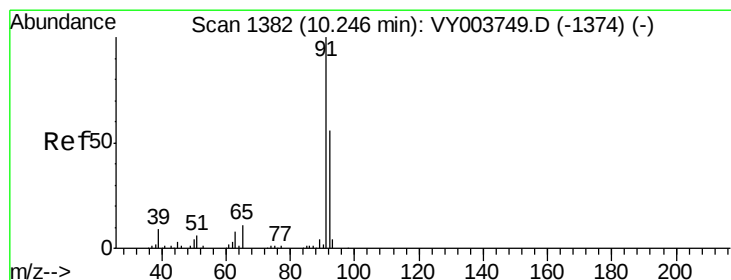
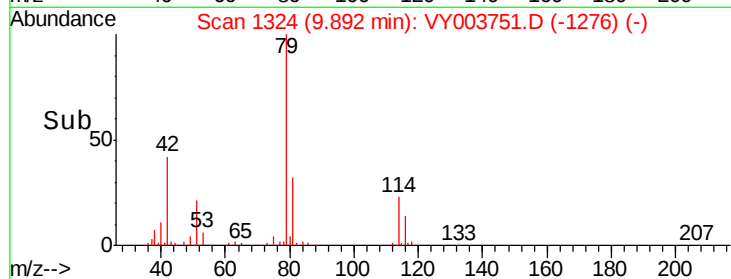
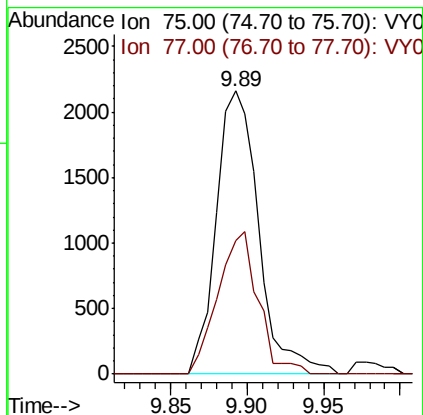
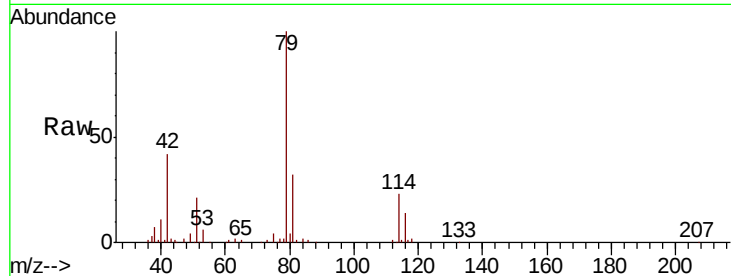


#42

cis-1,3-Dichloropropene
 Concen: 0.673 ug/L
 RT: 9.89 min Scan# 1324
 Delta R.T. -0.04 min
 Lab File: VY003751.D
 Acq: 14 Dec 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD5

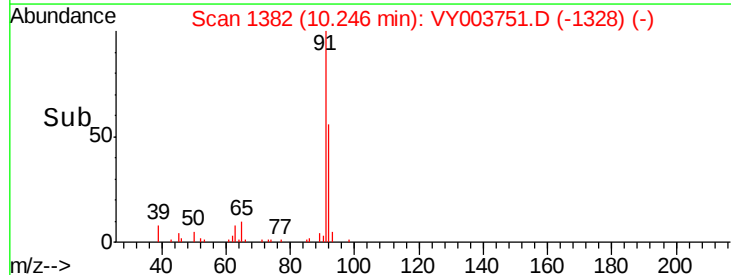
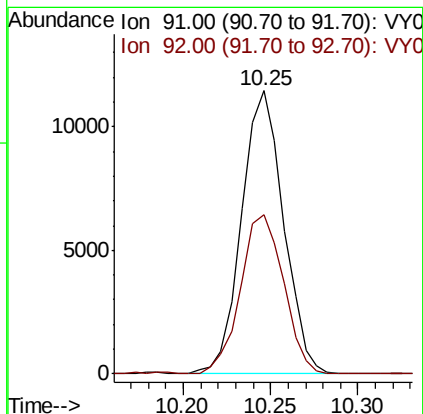
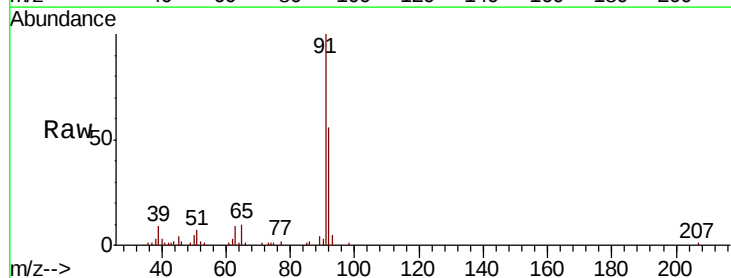
Tot Ion: 75 Resp: 4162
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.3 39.6#

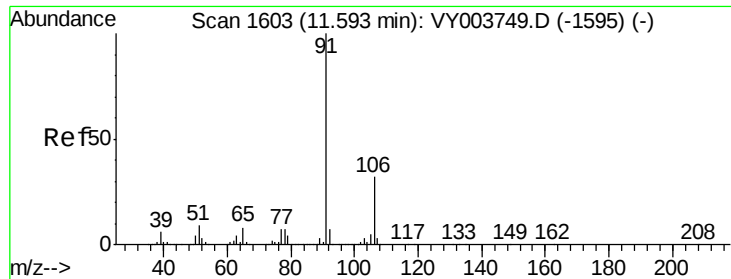


#44

Toluene
 Concen: 1.202 ug/L
 RT: 10.25 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VY003751.D
 Acq: 14 Dec 2020 16:32

Tgt Ion: 91 Resp: 19161
 Ion Ratio Lower Upper
 91 100
 92 56.2 39.9 74.1





#53

Ethylbenzene

Concen: 0.200 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

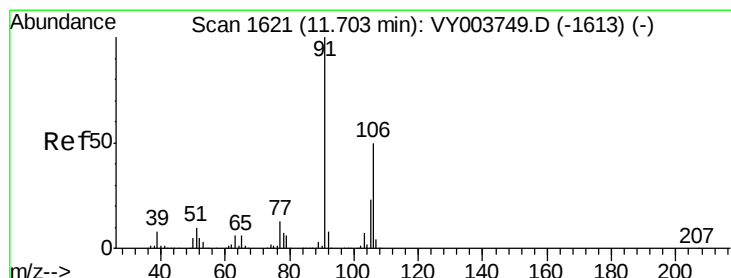
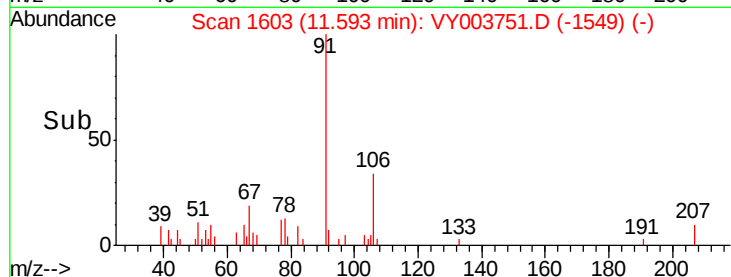
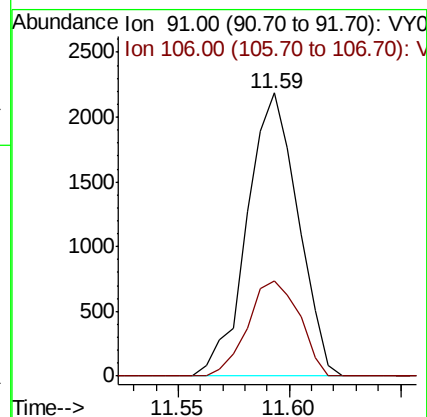
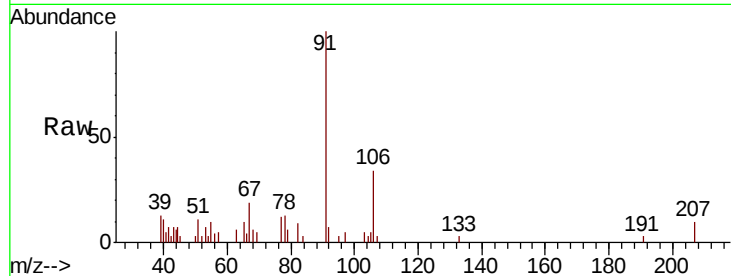
C0AD5

Tot Ion: 91 Resp: 3489

Ion Ratio Lower Upper

91 100

106 33.7 22.0 41.0



#54

m,p-Xylene

Concen: 0.712 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VY003751.D

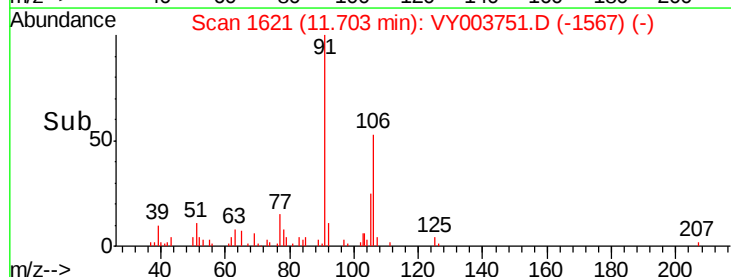
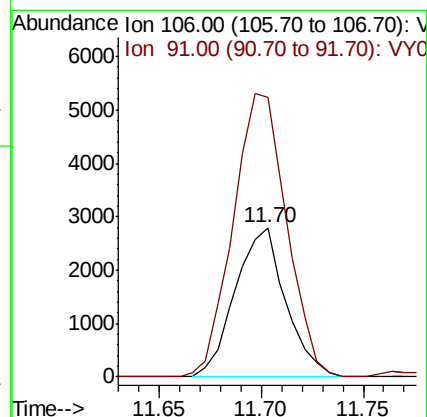
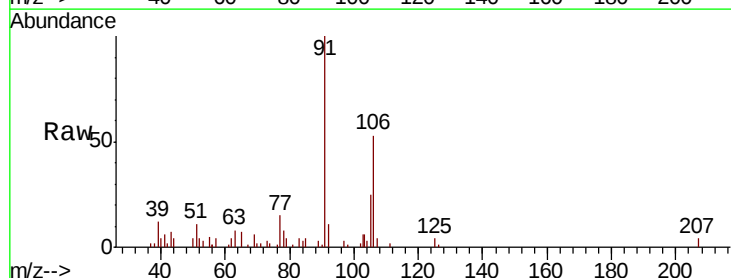
Acq: 14 Dec 2020 16:32

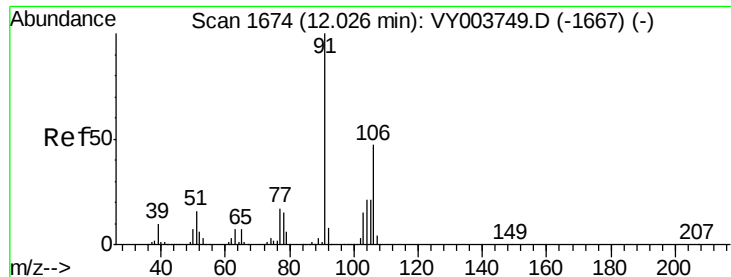
Tgt Ion: 106 Resp: 4785

Ion Ratio Lower Upper

106 100

91 187.8 136.4 253.4





#55

o-xylene

Concen: 0.795 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

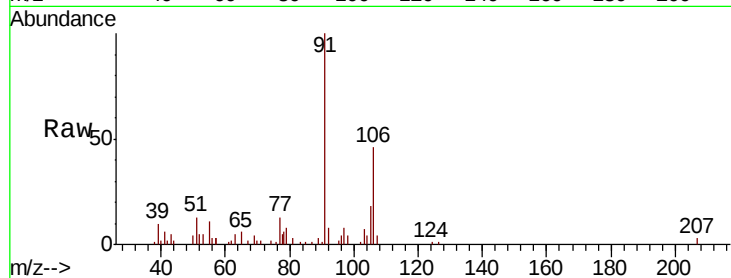
C0AD5

Tot Ion:106 Resp: 5015

Ion Ratio Lower Upper

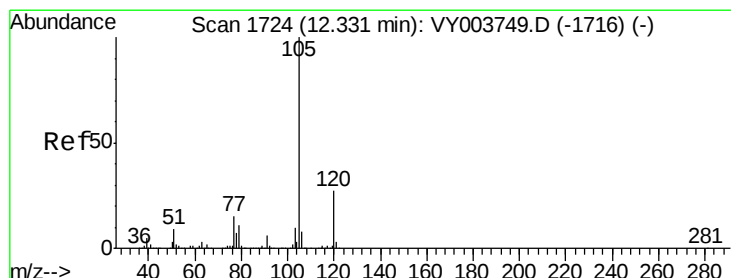
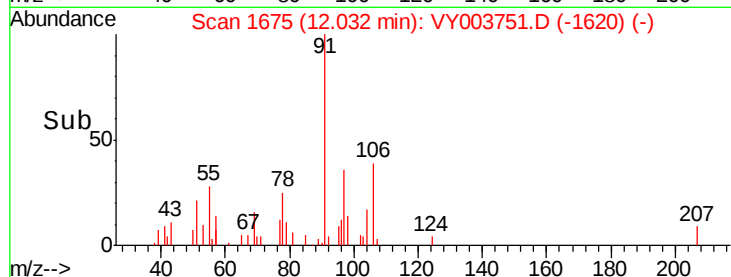
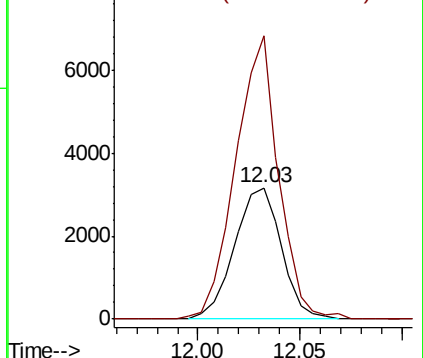
106 100

91 215.8 145.5 270.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#57

Isopropylbenzene

Concen: 0.359 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. -0.01 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

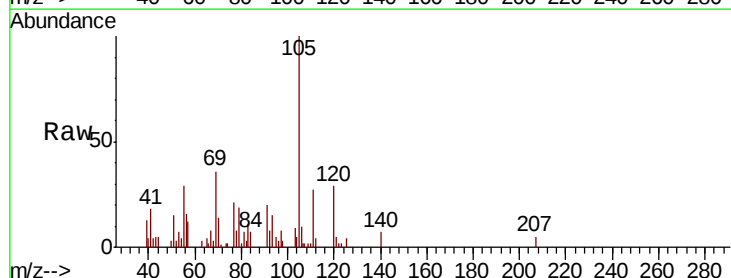
Tgt Ion:105 Resp: 6041

Ion Ratio Lower Upper

105 100

120 24.9 22.1 33.1

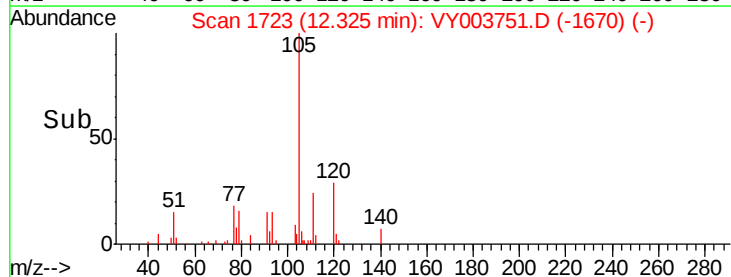
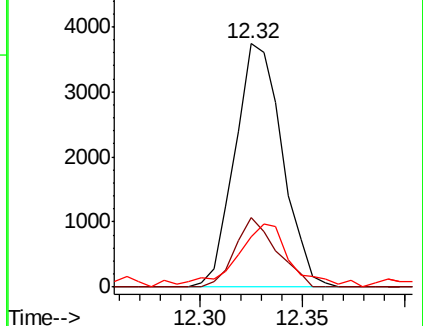
77 28.5 12.2 18.4#

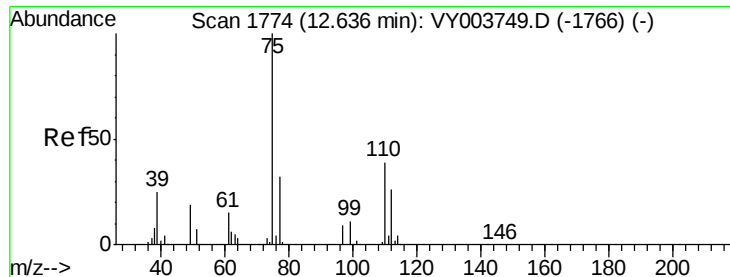


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VY0





#59

1,2,3-Trichloropropane

Concen: 3.694 ug/L

RT: 13.42 min Scan# 1903

Delta R.T. 0.79 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

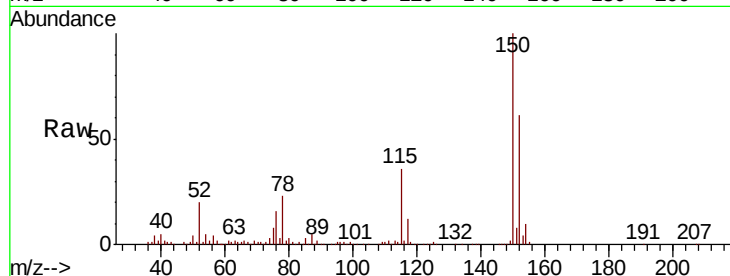
C0AD5

Tot Ion: 75 Resp: 11472

Ion Ratio Lower Upper

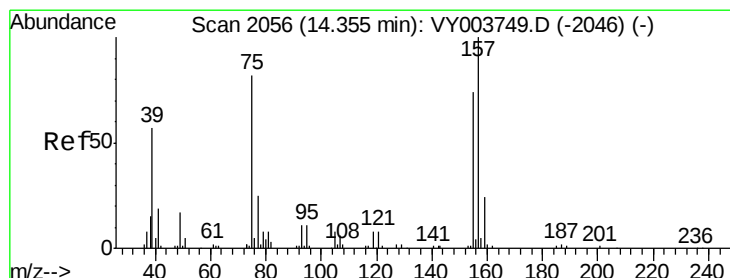
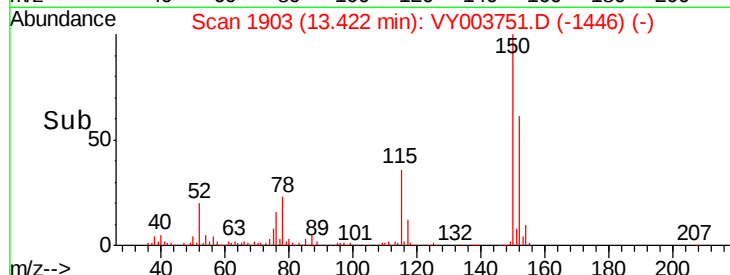
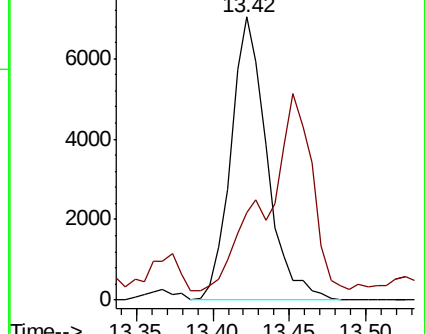
75 100

77 27.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#66

1,2-Dibromo-3-chloropropane

Concen: 4.997 ug/L

RT: 14.33 min Scan# 2052

Delta R.T. -0.02 min

Lab File: VY003751.D

Acq: 14 Dec 2020 16:32

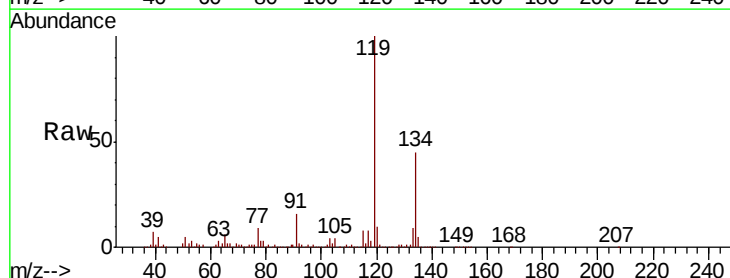
Tgt Ion: 75 Resp: 2446

Ion Ratio Lower Upper

75 100

157 0.0 93.8 140.8#

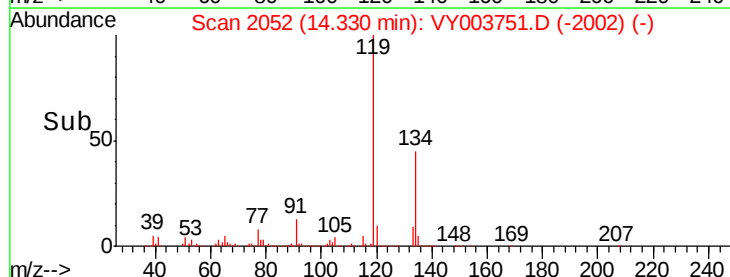
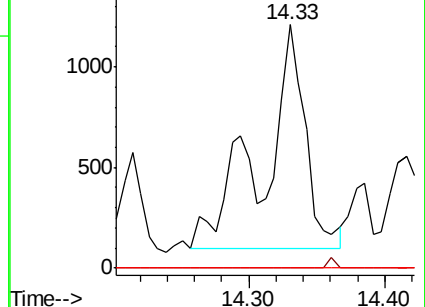
155 0.0 70.9 106.3#

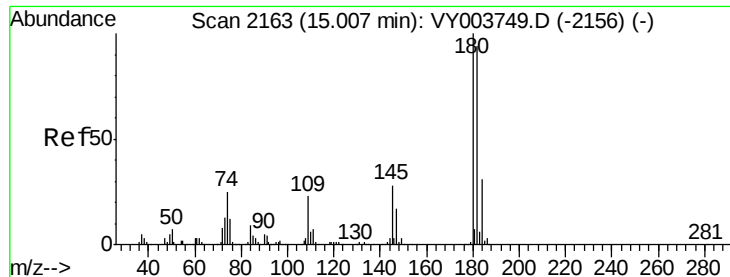


Abundance Ion 75.00 (74.70 to 75.70): VY0

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

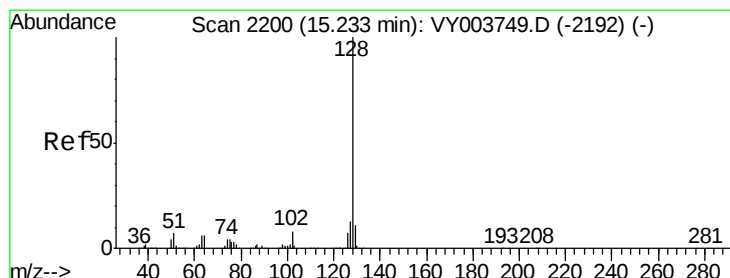
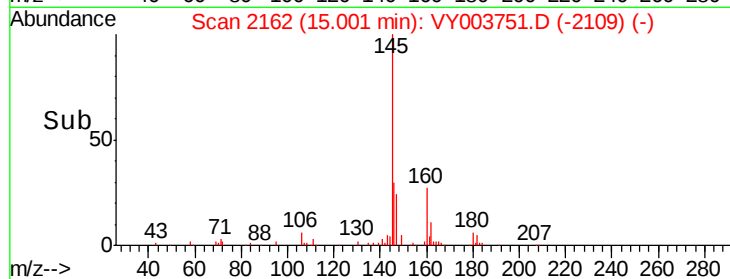
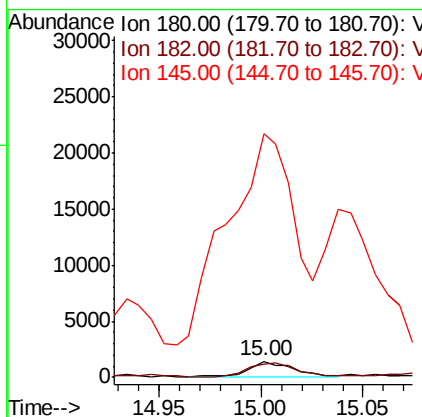
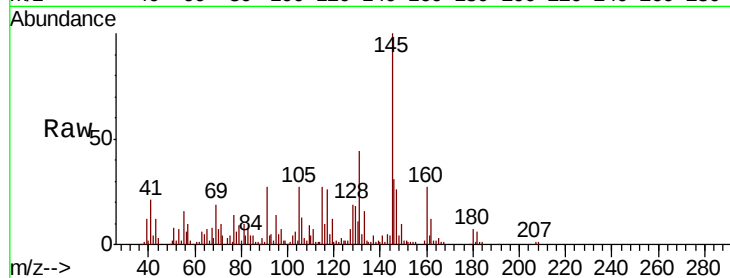




#68
 1,2,4-trichlorobenzene
 Concen: 0.726 ug/L
 RT: 15.00 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: VY003751.D
 Acq: 14 Dec 2020 16:32

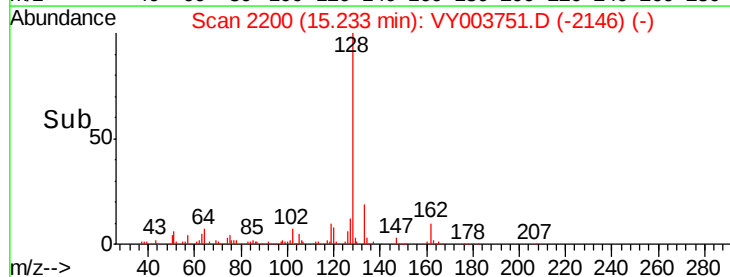
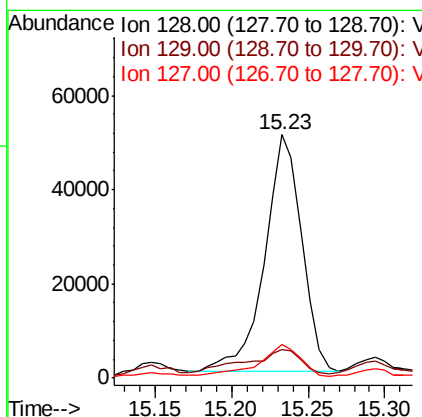
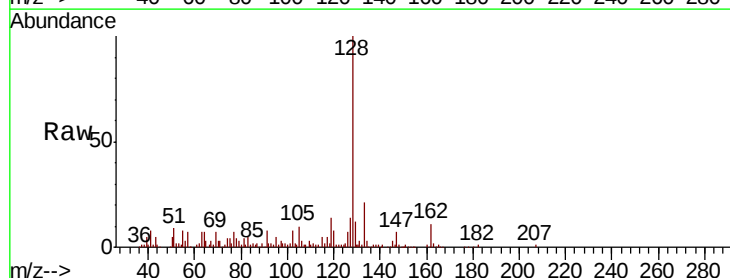
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD5

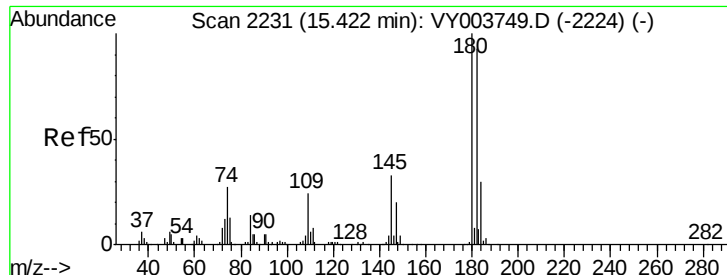
Tot Ion:180 Resp: 2325
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.8 115.2
 145 2249.2 23.7 35.5#



#69
 Naphthalene
 Concen: 11.652 ug/L
 RT: 15.23 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY003751.D
 Acq: 14 Dec 2020 16:32

Tgt Ion:128 Resp: 85183
 Ion Ratio Lower Upper
 128 100
 129 7.9 8.6 12.8#
 127 14.3 10.2 15.4





#70
 1,2,3-Trichlorobenzene
 Concen: 0.526 ug/L
 RT: 15.43 min Scan# 2232
 Delta R.T. 0.01 min
 Lab File: VY003751.D
 Acq: 14 Dec 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD5

Tot Ion:180 Resp: 1533
 Ion Ratio Lower Upper
 180 100
 182 117.4 77.0 115.6#
 145 2770.4 25.0 37.6#

