

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003391.D
 Acq On : 31 Jul 2020 15:57
 Operator : SY/MD
 Sample : L3491-06
 Misc : 9.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-D2

Quant Time: Aug 01 01:27:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

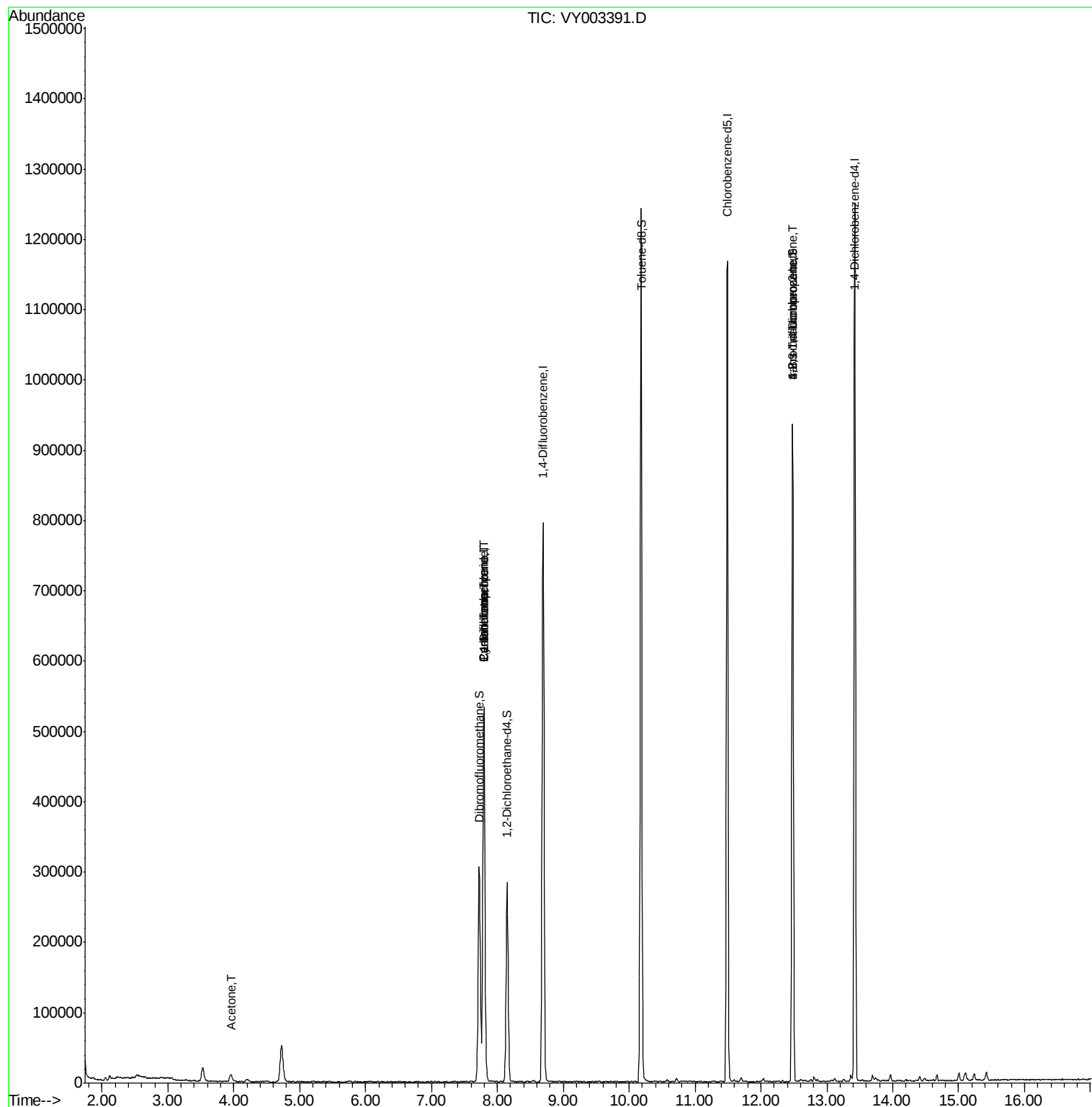
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	433593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	643955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	321406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	226867	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	7.72	113	214521	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	10.18	98	834287	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.48	95	276291	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	53	Below Cal	#	73
16) Acetone	3.96	43	18028	17.699	ug/l	96
20) Methylene Chloride	4.73	84	39833	Below Cal		90
31) Cyclohexane	7.79	56	7657	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	30777	4.754	ug/l #	50
38) Carbon Tetrachloride	7.79	117	39285	5.898	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	141462	48.994	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	141462	92.659	ug/l #	15

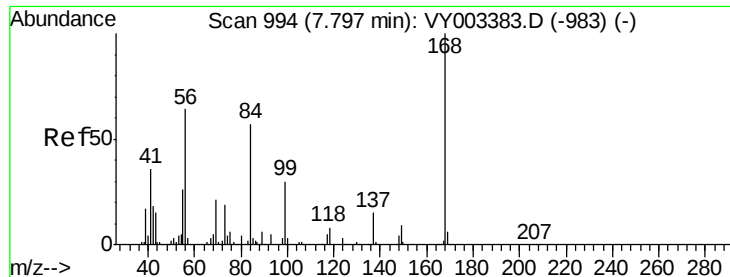
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
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Instrument :
MSVOA_Y
ClientSampleId :
TP-1-D2

Quant Time: Aug 01 01:27:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 13:09:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

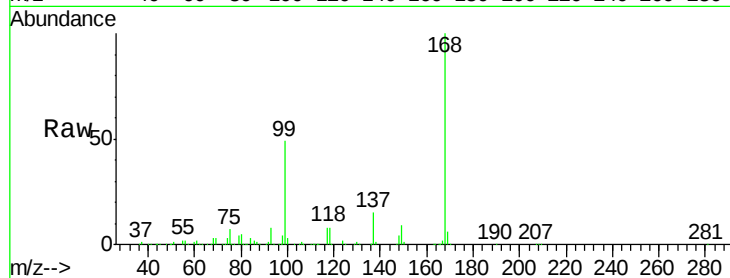
TP-1-D2

Tot Ion:168 Resp: 433593

Ion Ratio Lower Upper

168 100

99 49.3 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003391.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003391.D (-945) (-)

7.80

200000

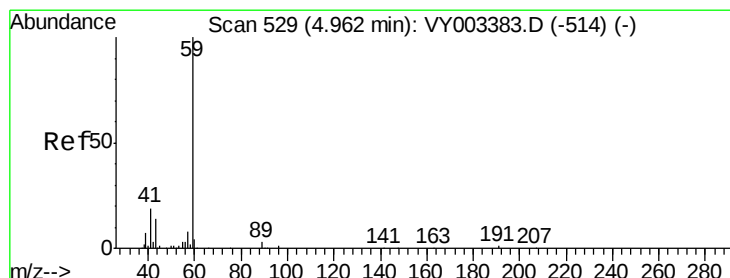
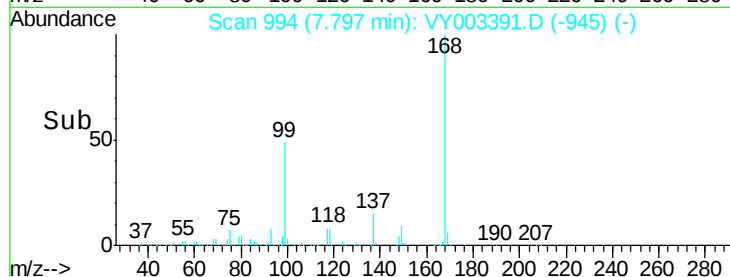
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.01 min

Lab File: VY003391.D

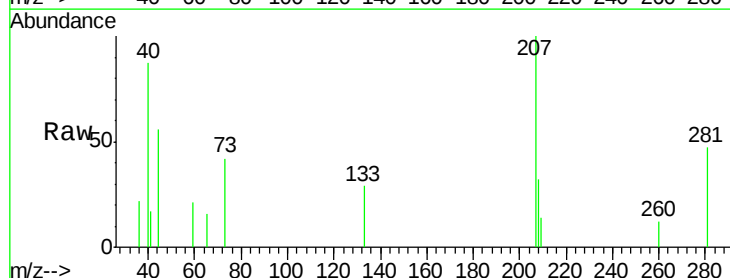
Acq: 31 Jul 2020 15:57

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY003391.D (-480) (-)

Ion 57.00 (56.70 to 57.70): VY003391.D (-480) (-)

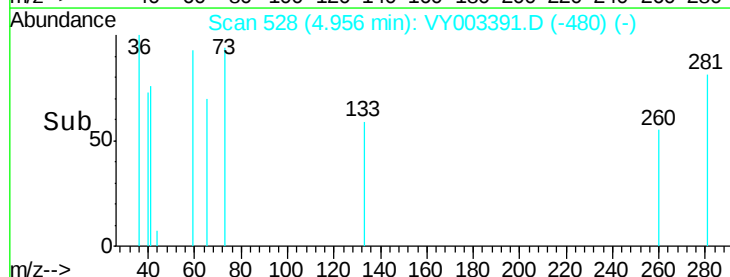
4.96

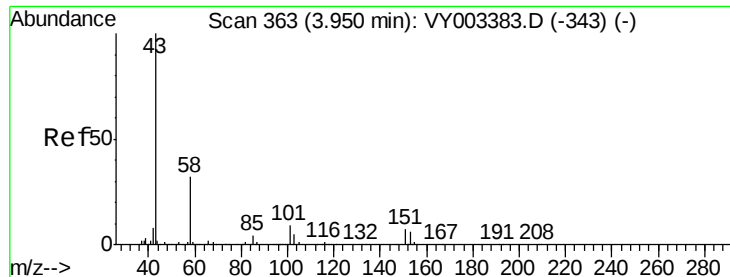
100

50

0

Time-->





#16

Acetone

Concen: 17.699 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

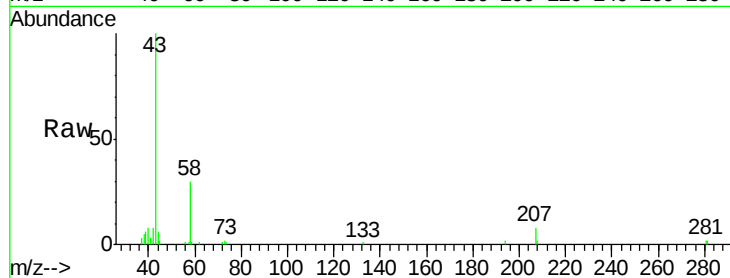
TP-1-D2

Tot Ion: 43 Resp: 18028

Ion Ratio Lower Upper

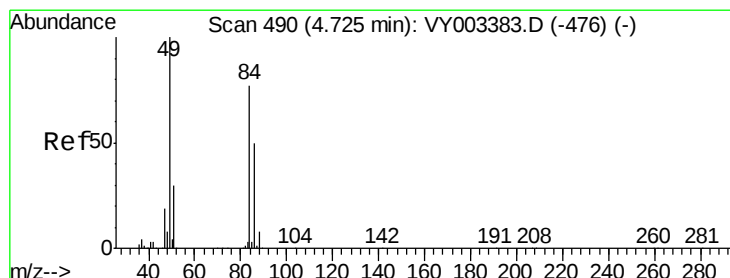
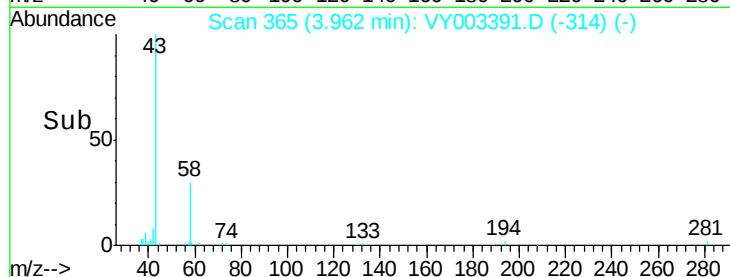
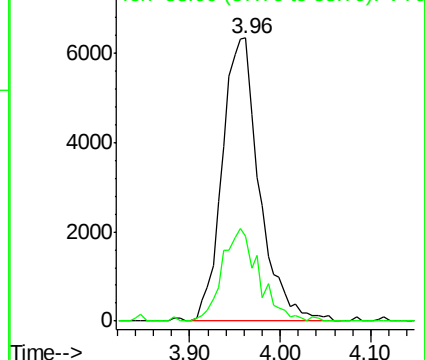
43 100

58 29.8 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Tgt Ion: 84 Resp: 39833

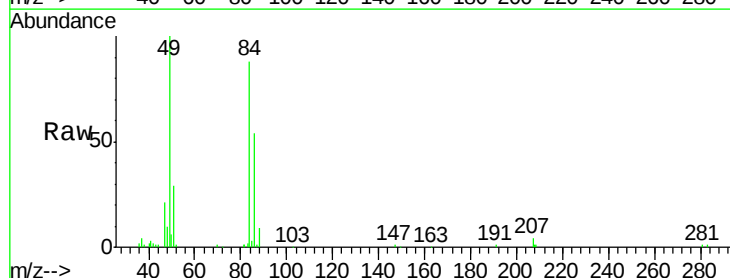
Ion Ratio Lower Upper

84 100

49 114.2 104.2 156.4

51 33.0 31.5 47.3

86 62.2 51.7 77.5

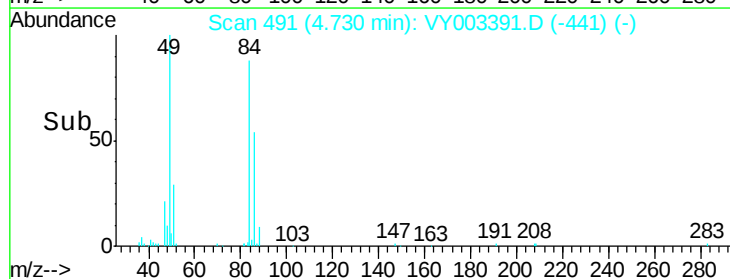
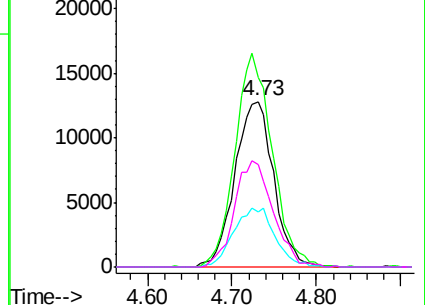


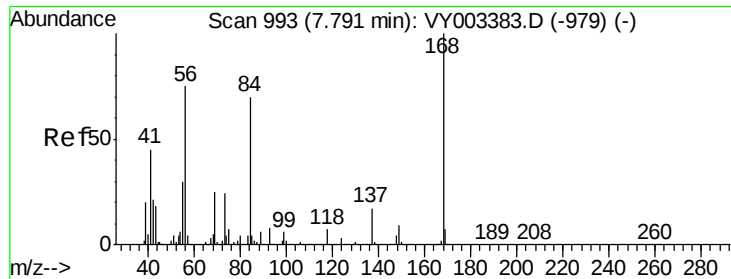
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

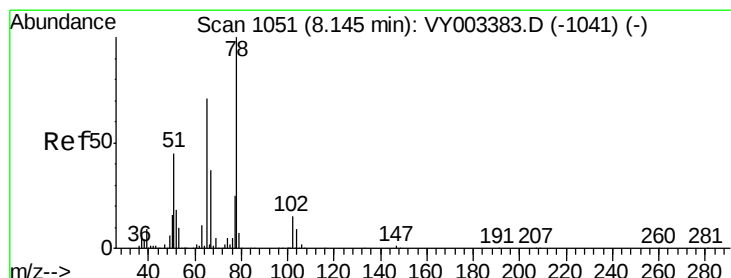
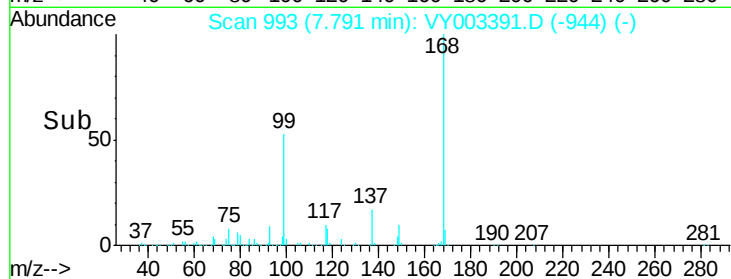
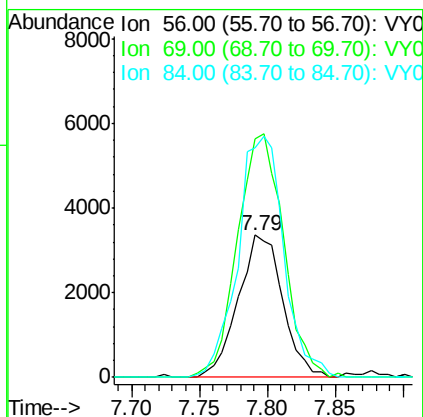
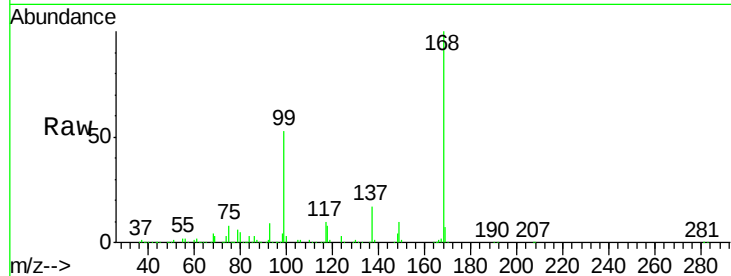




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003391.D
Acq: 31 Jul 2020 15:57

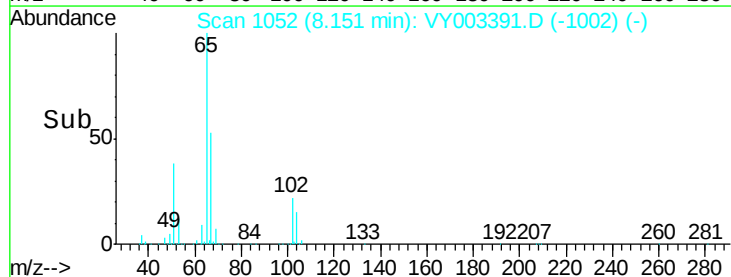
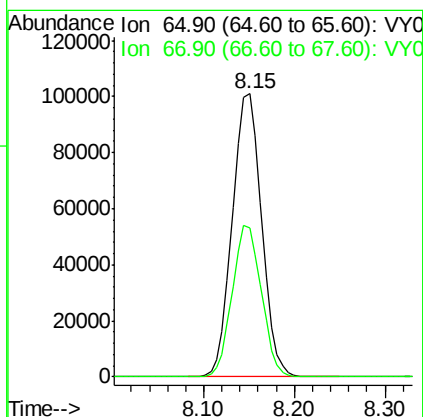
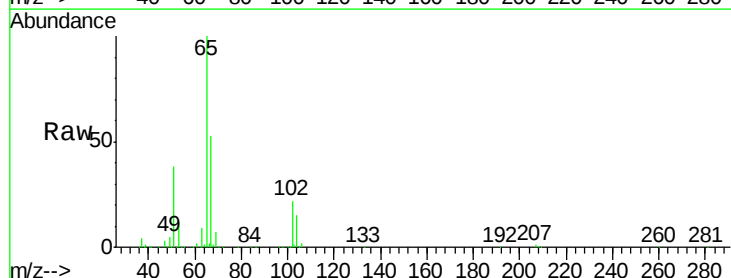
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-D2

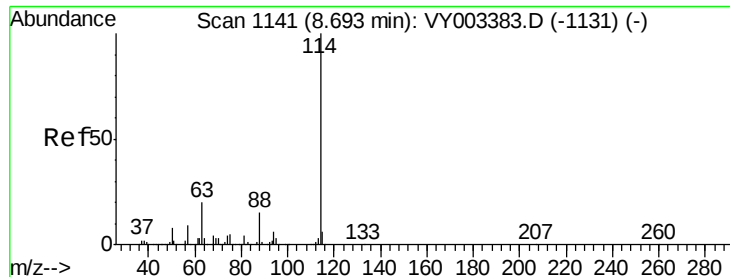
Tot Ion: 56 Resp: 7657
Ion Ratio Lower Upper
56 100
69 167.3 26.1 39.1#
84 161.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 55.029 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003391.D
Acq: 31 Jul 2020 15:57

Tgt Ion: 65 Resp: 226867
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-D2

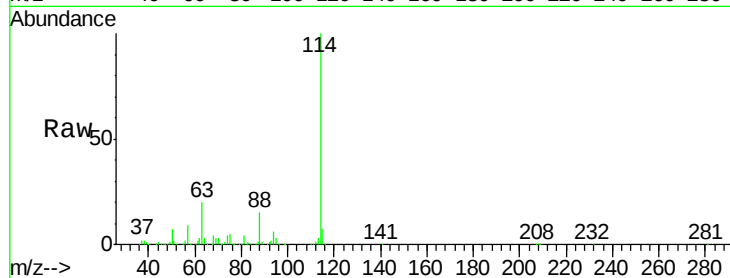
Tot Ion:114 Resp: 684069

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

88 14.6 0.0 29.2

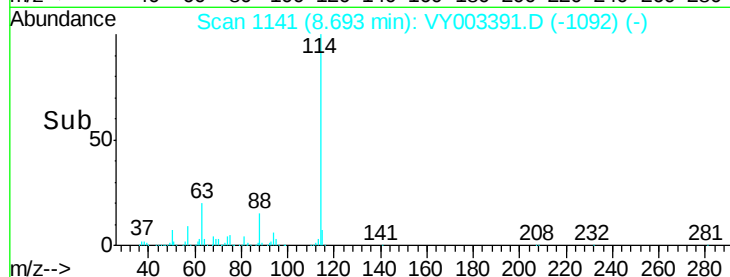


Abundance Ion 113.90 (113.60 to 114.60): V

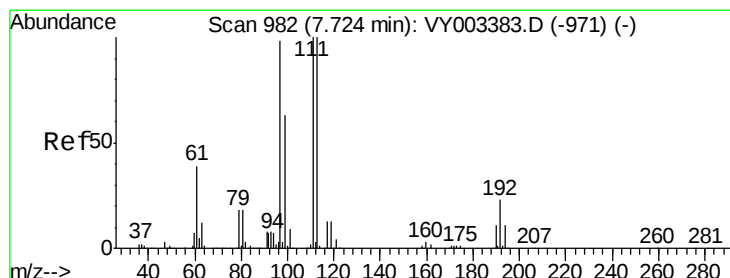
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

8.69



Time-->



#35

Dibromofluoromethane

Concen: 53.237 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

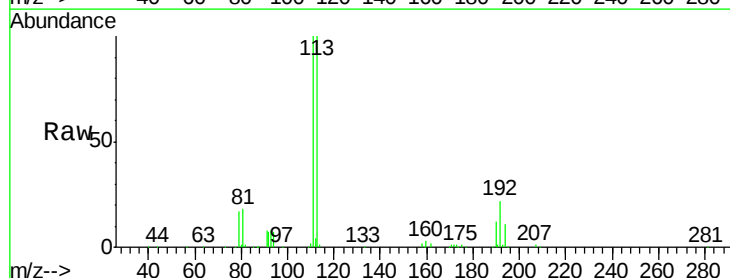
Tgt Ion:113 Resp: 214521

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.4

192 22.7 18.8 28.2

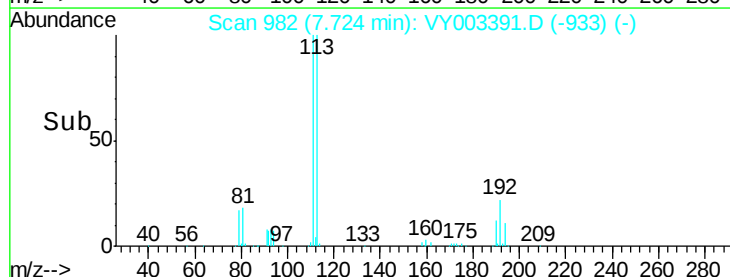


Abundance Ion 112.80 (112.50 to 113.50): V

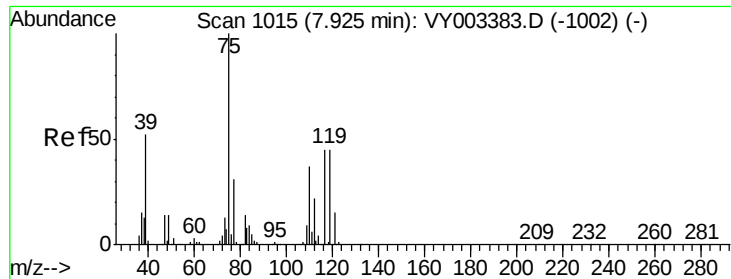
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.72



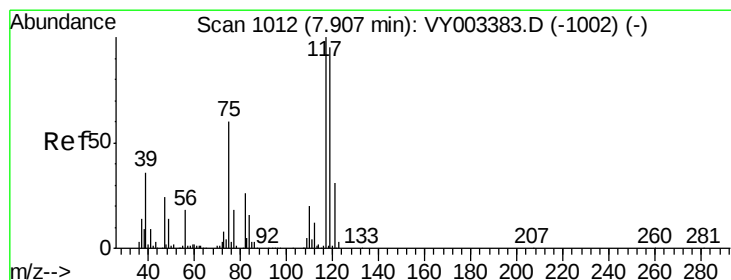
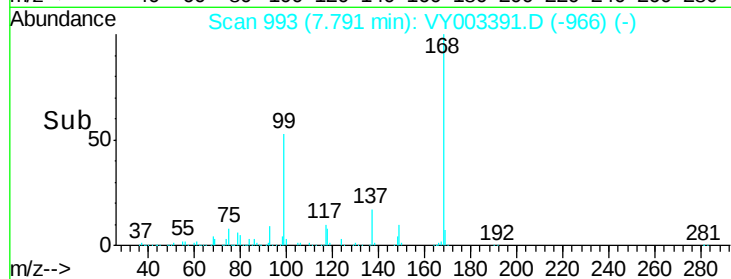
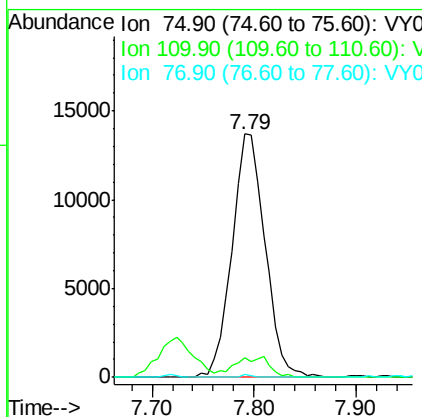
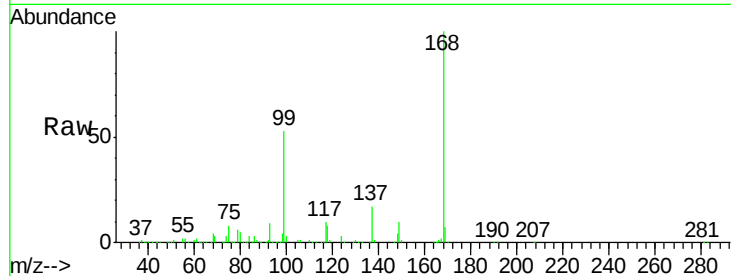
Time-->



#36
 1,1-Dichloropropene
 Concen: 4.754 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003391.D
 Acq: 31 Jul 2020 15:57

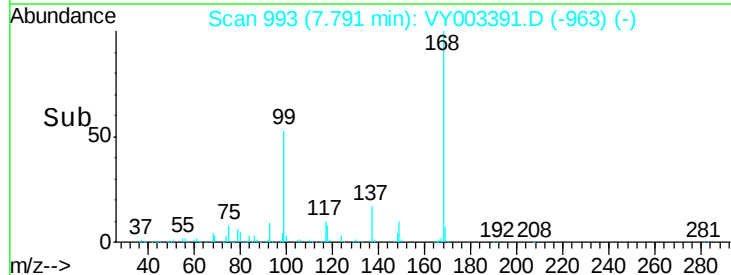
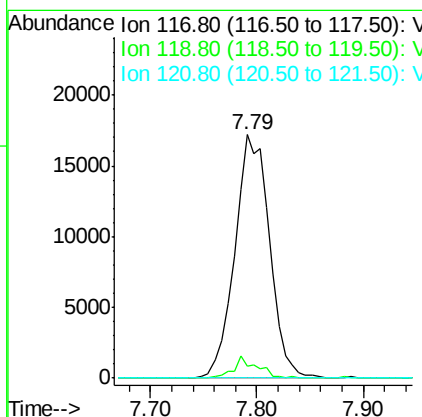
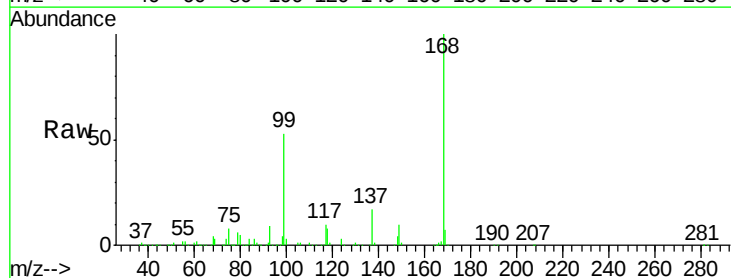
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-D2

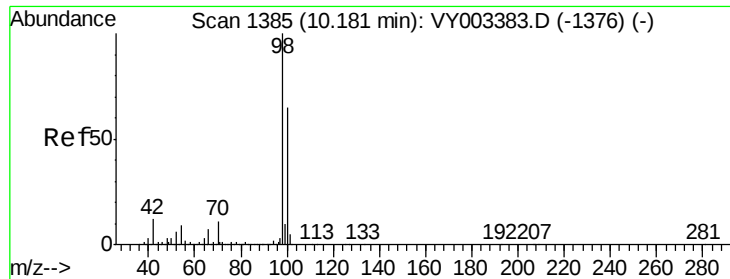
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.8	53.5#
77	0.4	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.898 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003391.D
 Acq: 31 Jul 2020 15:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.1	114.1#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 52.873 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampled :

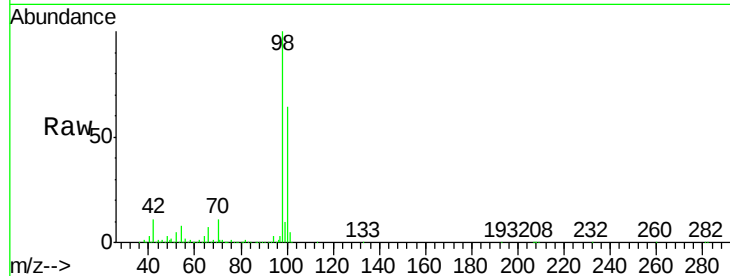
TP-1-D2

Tot Ion: 98 Resp: 834287

Ion Ratio Lower Upper

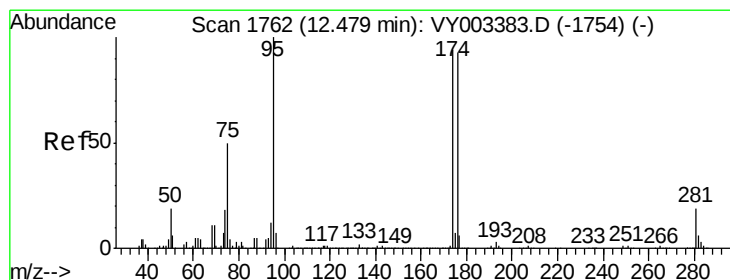
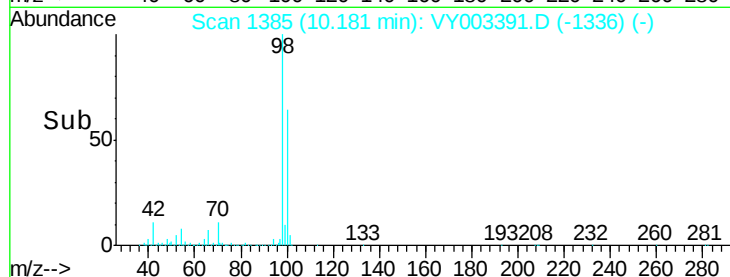
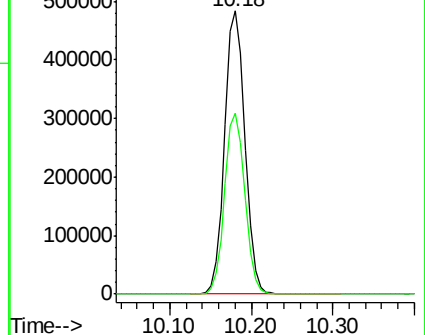
98 100

100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY003383.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY003383.D (-1376) (-)



#62

4-Bromofluorobenzene

Concen: 51.247 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

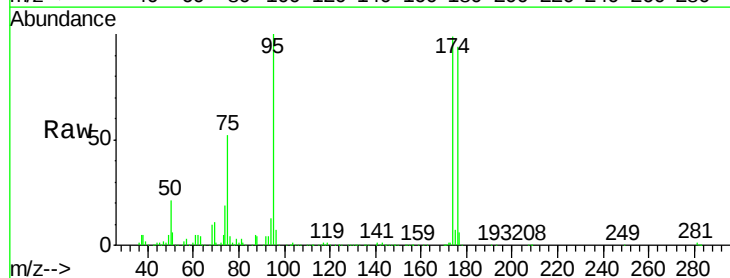
Tgt Ion: 95 Resp: 276291

Ion Ratio Lower Upper

95 100

174 96.0 0.0 190.0

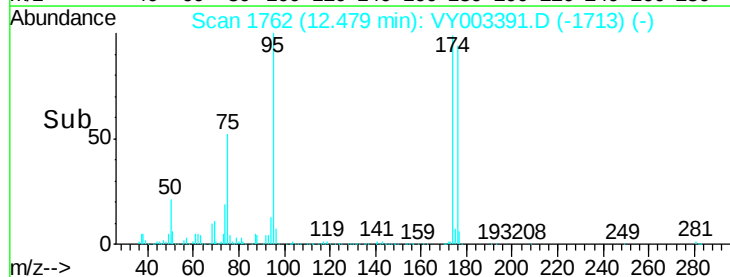
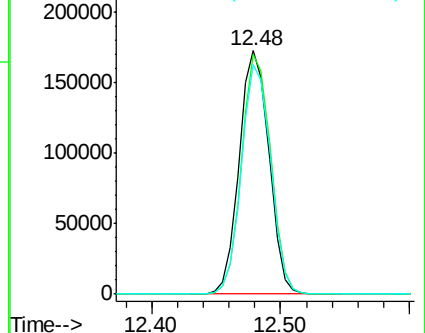
176 92.4 0.0 184.4

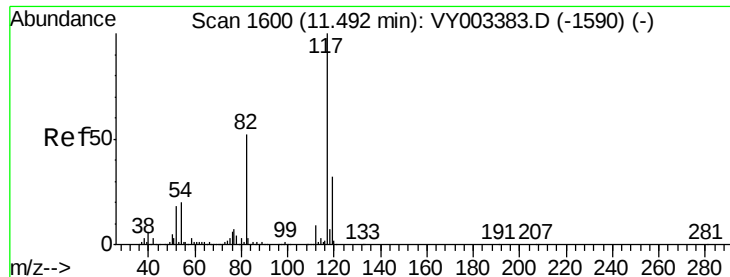


Abundance Ion 94.90 (94.60 to 95.60): VY003383.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003383.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003383.D (-1754) (-)

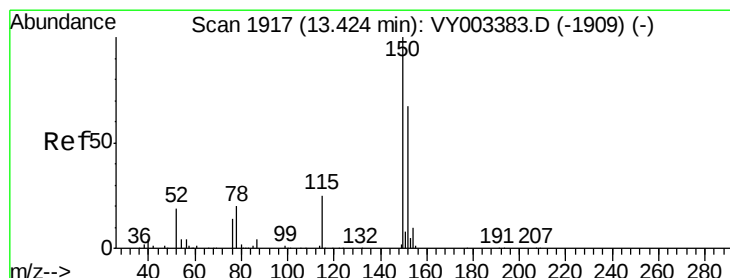
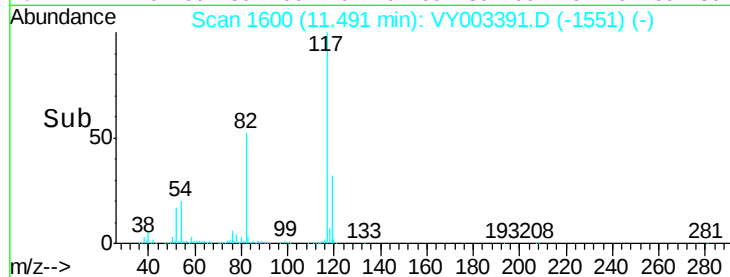
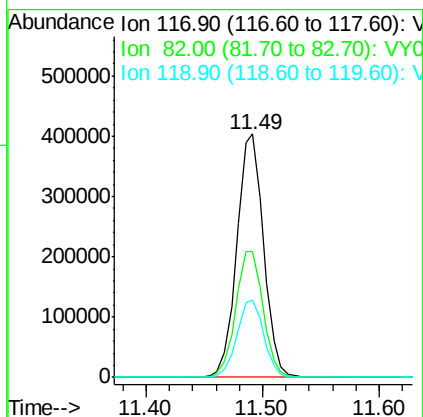
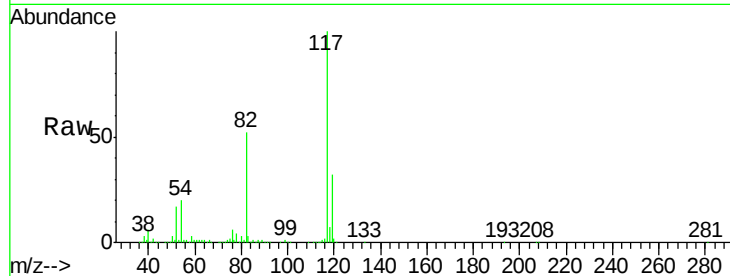




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003391.D
Acq: 31 Jul 2020 15:57

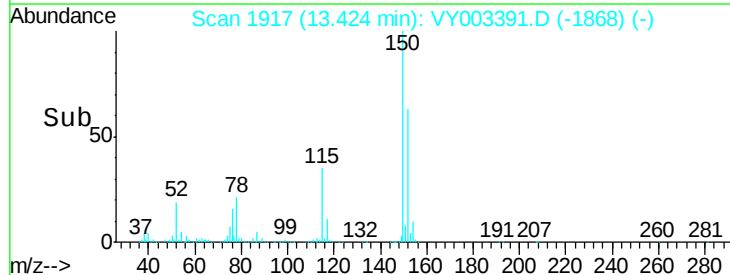
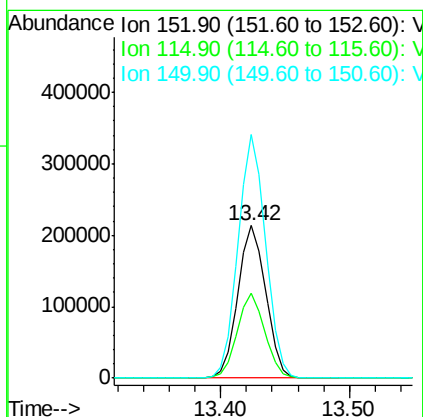
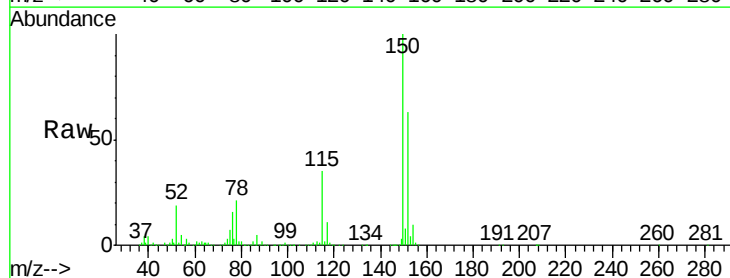
Instrument :
MSVOA_Y
ClientSampled :
TP-1-D2

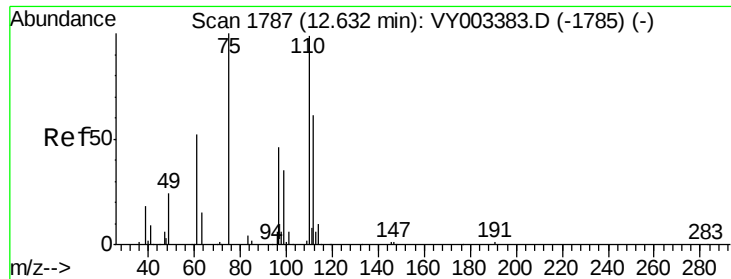
Tot Ion:117 Resp: 643955
Ion Ratio Lower Upper
117 100
82 51.9 41.9 62.9
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003391.D
Acq: 31 Jul 2020 15:57

Tgt Ion:152 Resp: 321406
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.5
150 157.4 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 48.994 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

Instrument :

MSVOA_Y

ClientSampled :

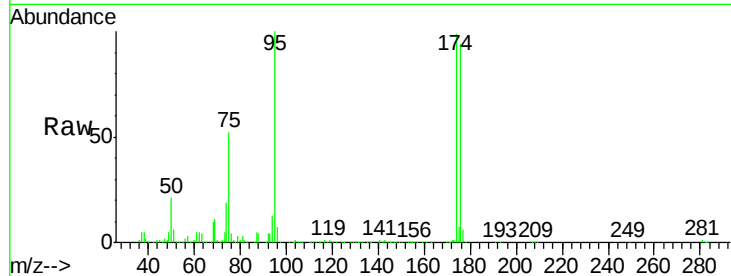
TP-1-D2

Tot Ion: 75 Resp: 141462

Ion Ratio Lower Upper

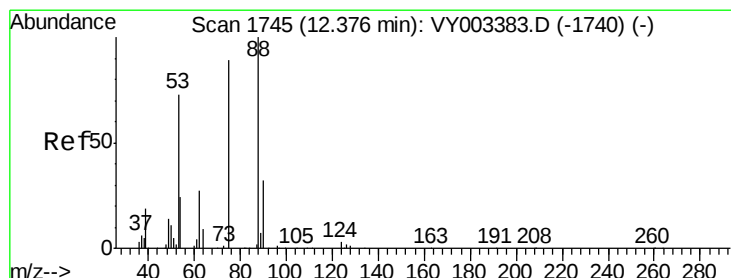
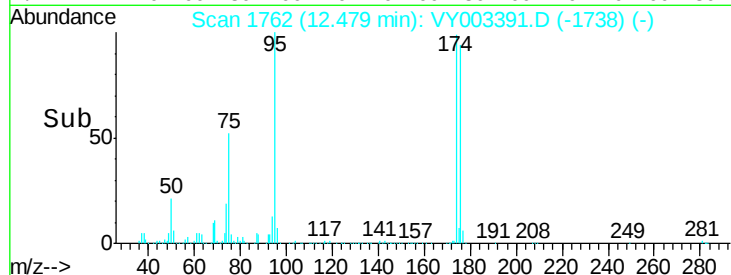
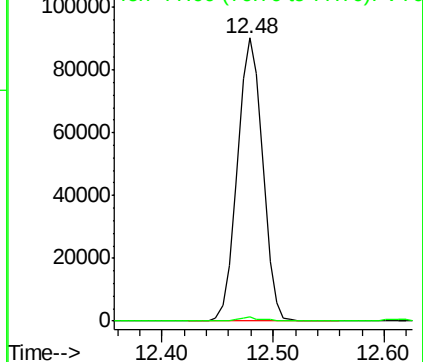
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 92.659 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003391.D

Acq: 31 Jul 2020 15:57

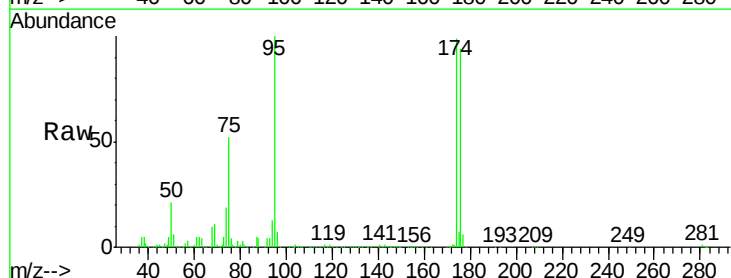
Tgt Ion: 75 Resp: 141462

Ion Ratio Lower Upper

75 100

53 0.1 69.5 104.3#

89 0.1 33.8 50.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

