

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003241.D
 Acq On : 20 Jul 2020 18:53
 Operator : SY/MD
 Sample : L3308-15RE
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15RE

Quant Time: Jul 21 03:20:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

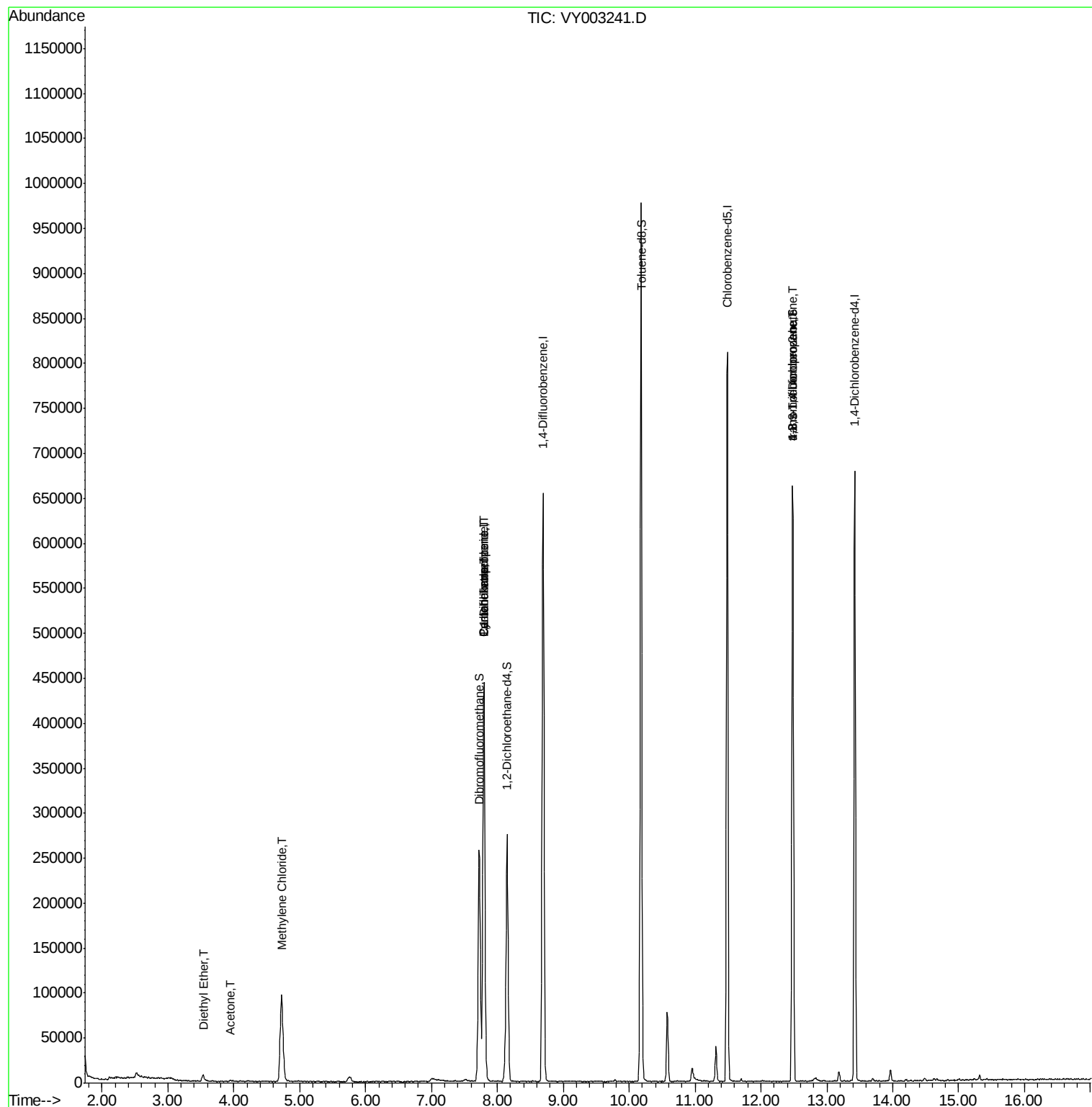
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	540494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	444622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	209326	69.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.62%	
35) Dibromofluoromethane	7.72	113	182877	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
50) Toluene-d8	10.18	98	632996	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
62) 4-Bromofluorobenzene	12.48	95	178347	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
8) Diethyl Ether	3.53	74	3629	2.078	ug/l	82
16) Acetone	3.96	43	2146	3.181	ug/l	95
20) Methylene Chloride	4.72	84	71537	17.506	ug/l	97
31) Cyclohexane	7.80	56	6933	1.262	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	26321	5.373	ug/l #	50
38) Carbon Tetrachloride	7.79	117	32522	6.431	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	92887	61.196	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	92887	119.100	ug/l #	13

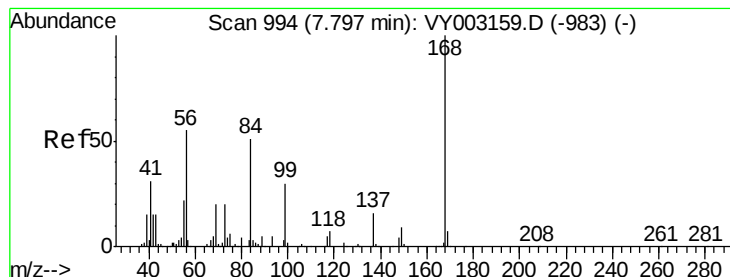
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

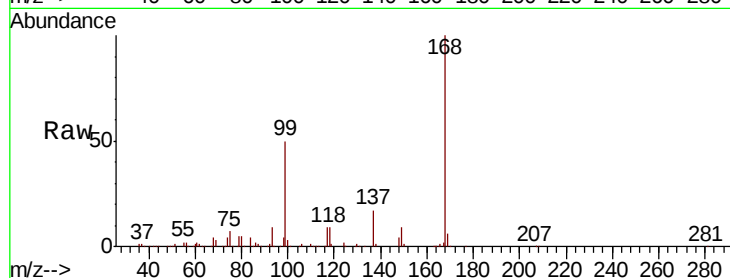
15RE

Tot Ion:168 Resp: 357800

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003241.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003241.D (-945) (-)

7.80

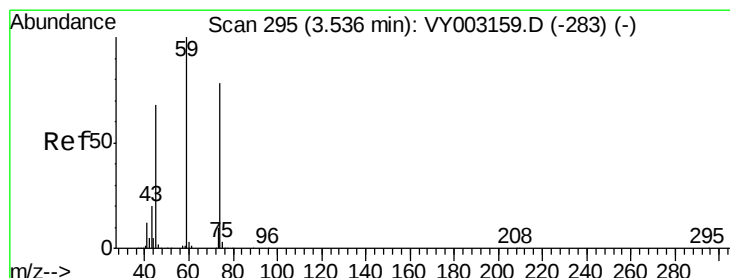
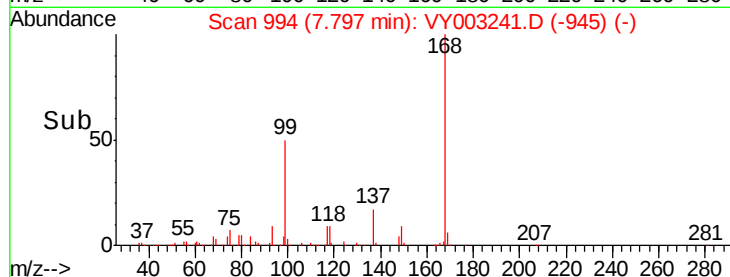
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.078 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY003241.D

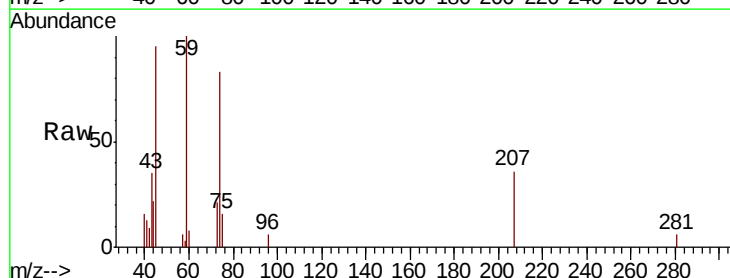
Acq: 20 Jul 2020 18:53

Tgt Ion: 74 Resp: 3629

Ion Ratio Lower Upper

74 100

45 107.2 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003241.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003241.D (-246) (-)

3.53

2000

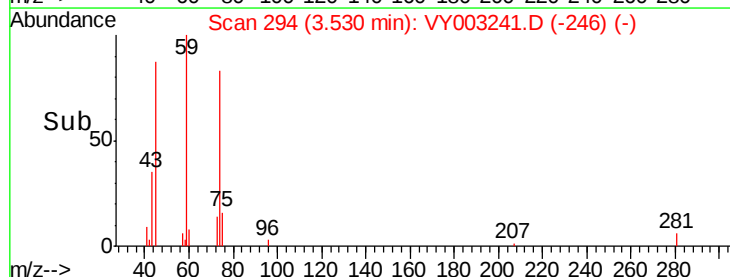
1500

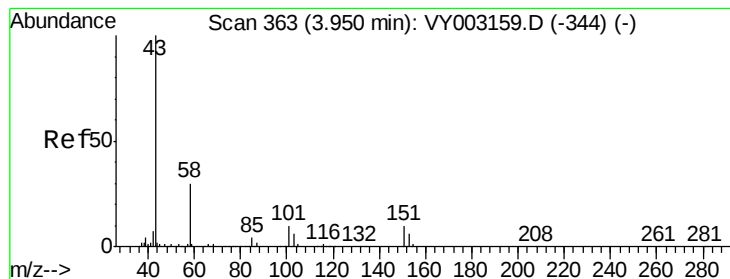
1000

500

0

Time-->





#16

Acetone

Concen: 3.181 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

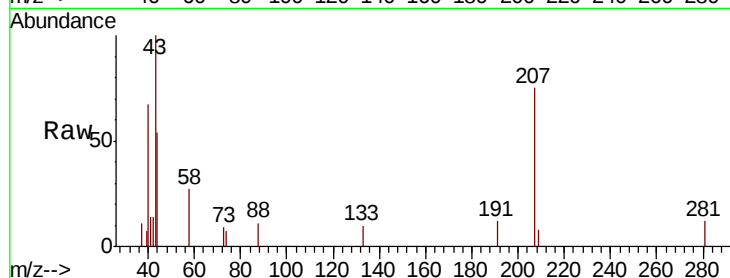
15RE

Tot Ion: 43 Resp: 2146

Ion Ratio Lower Upper

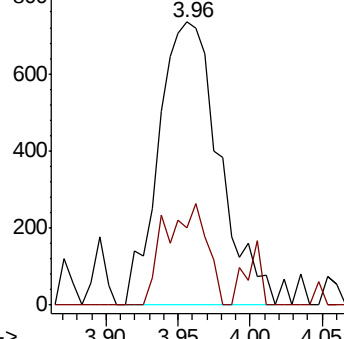
43 100

58 27.1 23.8 35.6

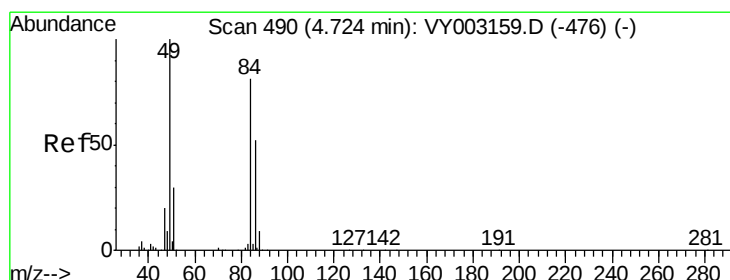
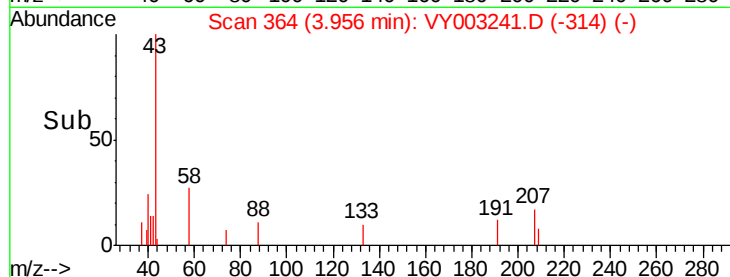


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#20

Methylene Chloride

Concen: 17.506 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Tgt Ion: 84 Resp: 71537

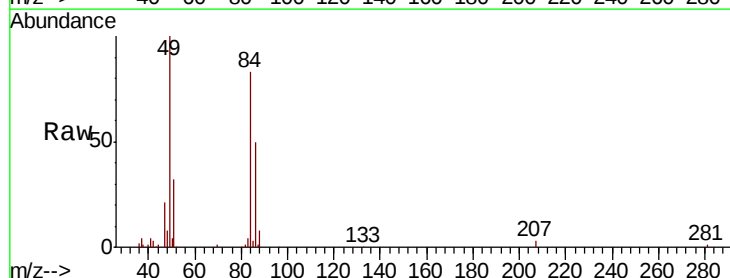
Ion Ratio Lower Upper

84 100

49 120.1 98.2 147.4

51 38.3 29.8 44.6

86 59.5 51.2 76.8

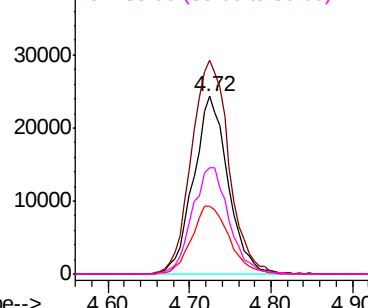


Abundance Ion 83.90 (83.60 to 84.60): VY0

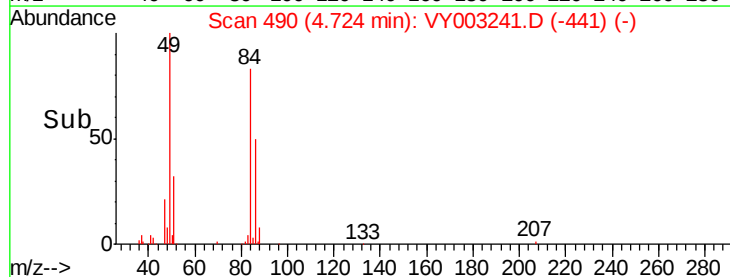
Ion 48.90 (48.60 to 49.60): VY0

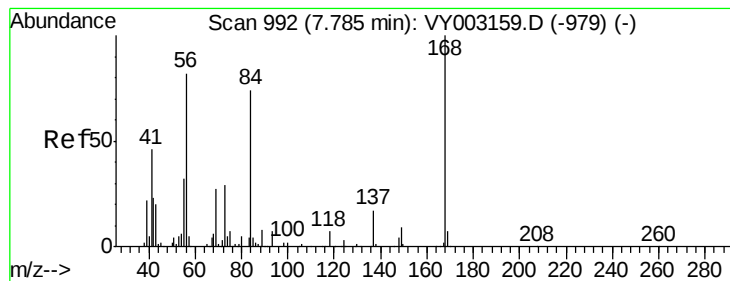
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



Time-->





#31

Cyclohexane

Concen: 1.262 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :
MSVOA_Y
ClientSampled :
15RE

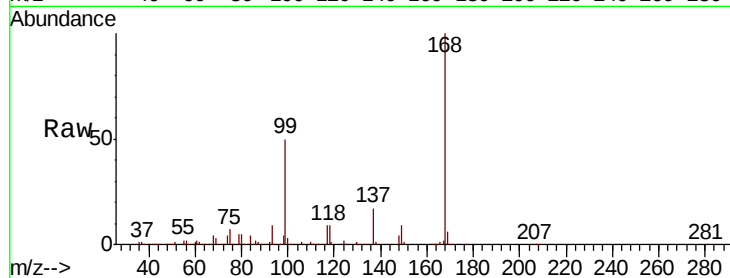
Tot Ion: 56 Resp: 6933

Ion Ratio Lower Upper

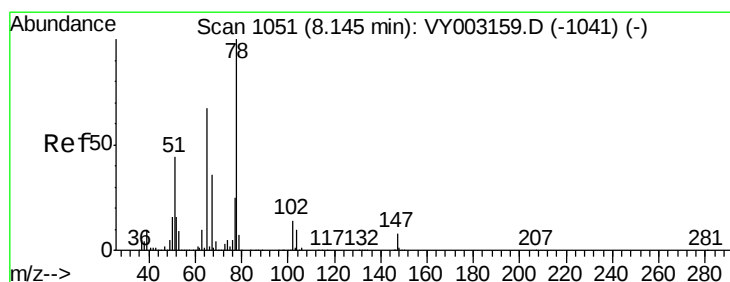
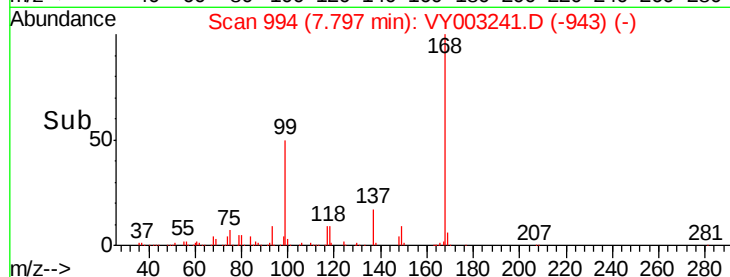
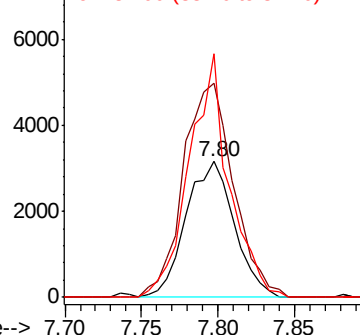
56 100

69 158.3 26.7 40.1#

84 188.0 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 69.314 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003241.D

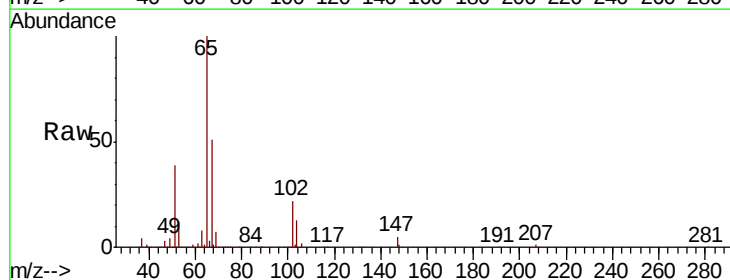
Acq: 20 Jul 2020 18:53

Tgt Ion: 65 Resp: 209326

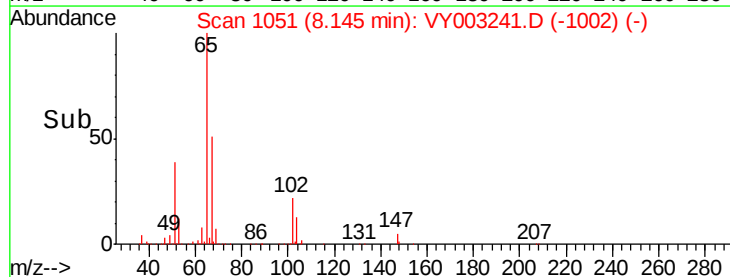
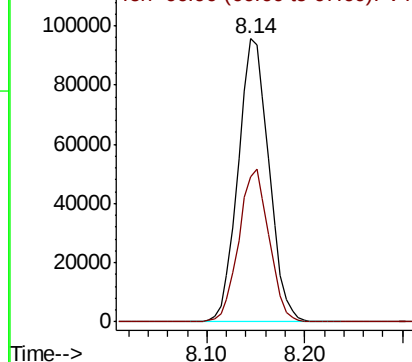
Ion Ratio Lower Upper

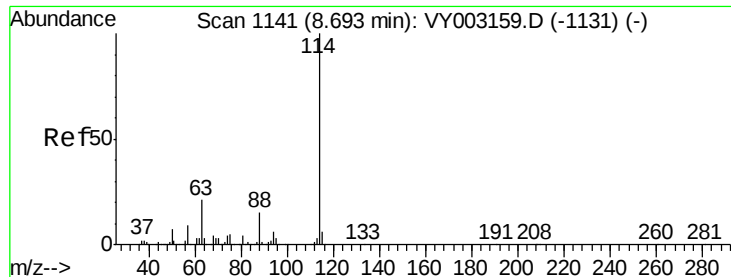
65 100

67 53.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

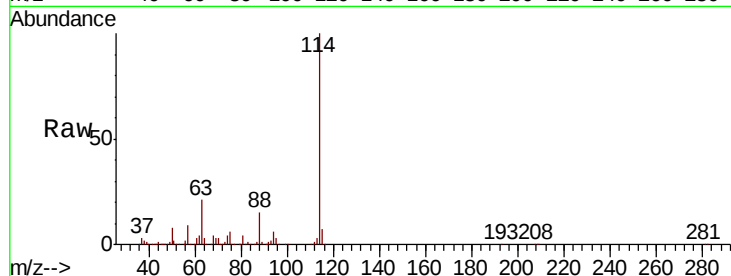




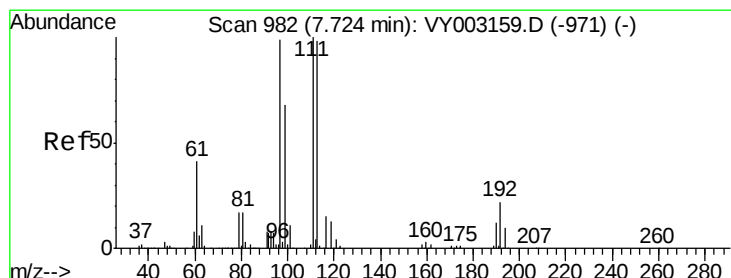
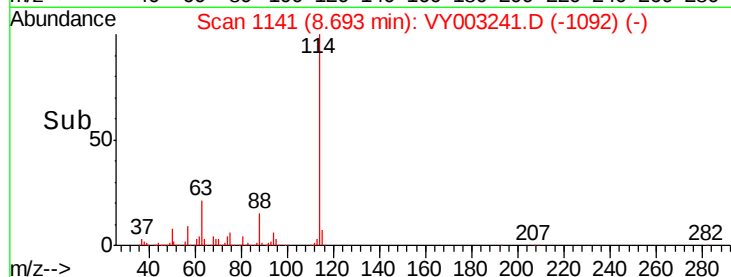
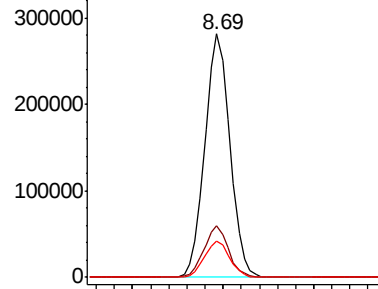
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

Instrument :
MSVOA_Y
ClientSampleId :
15RE

Tot Ion:114 Resp: 540494
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.2
88 15.1 0.0 30.2

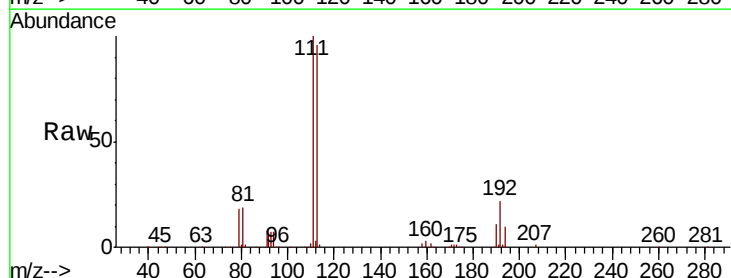


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

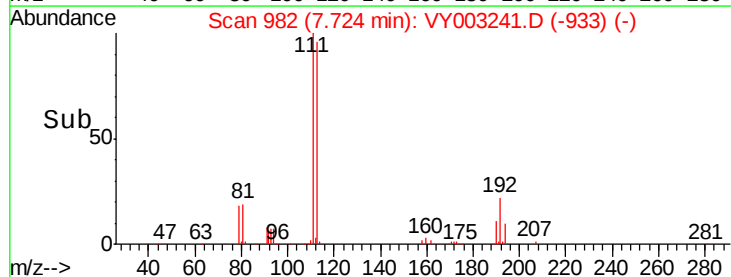
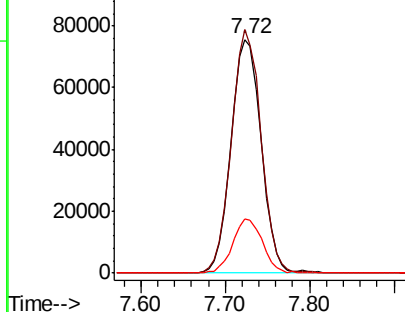


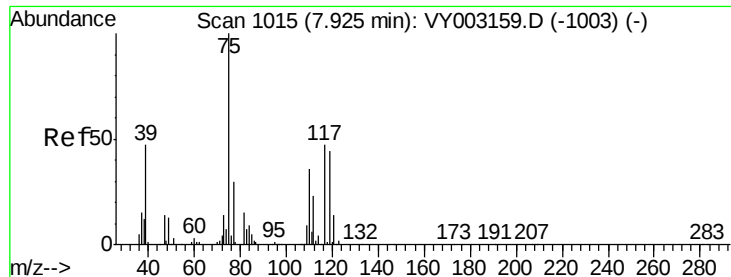
#35
Dibromofluoromethane
Concen: 58.795 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

Tgt Ion:113 Resp: 182877
Ion Ratio Lower Upper
113 100
111 102.0 82.1 123.1
192 22.6 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

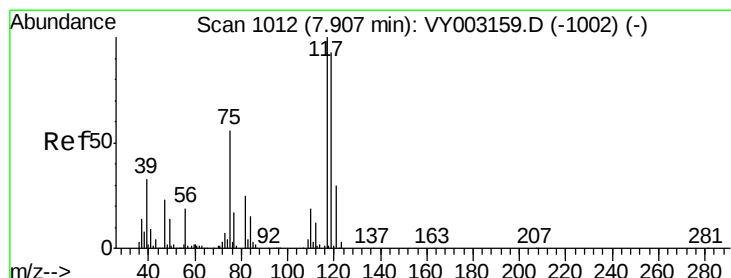
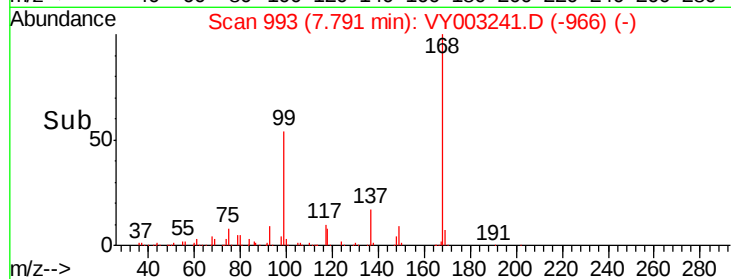
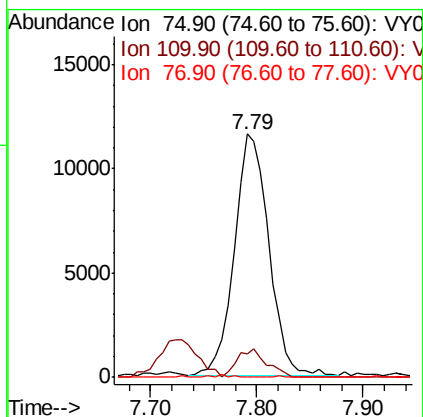
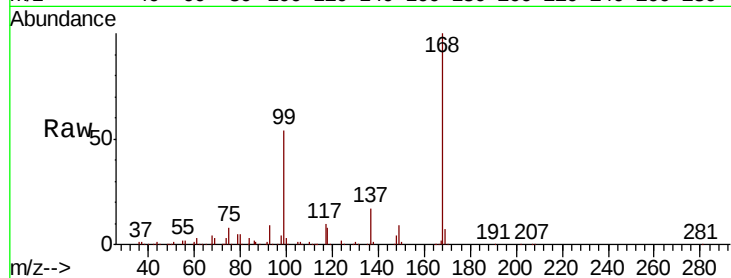




#36
 1,1-Dichloropropene
 Concen: 5.373 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VY003241.D
 Acq: 20 Jul 2020 18:53

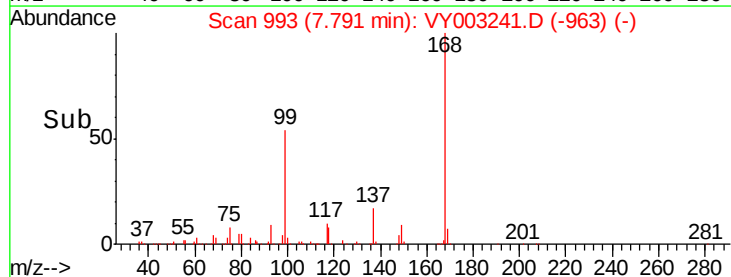
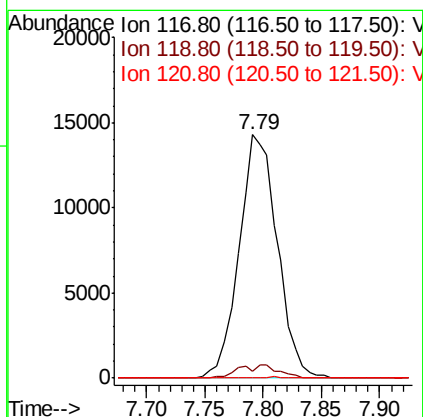
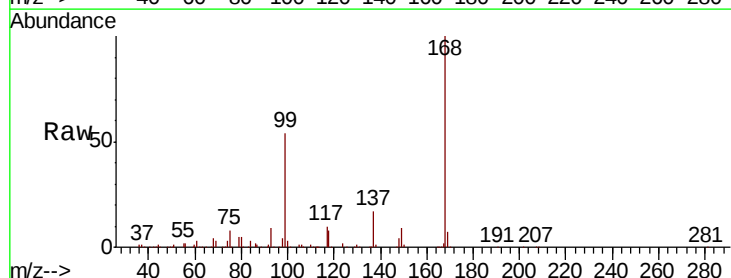
Instrument :
 MSVOA_Y
 ClientSampleId :
 15RE

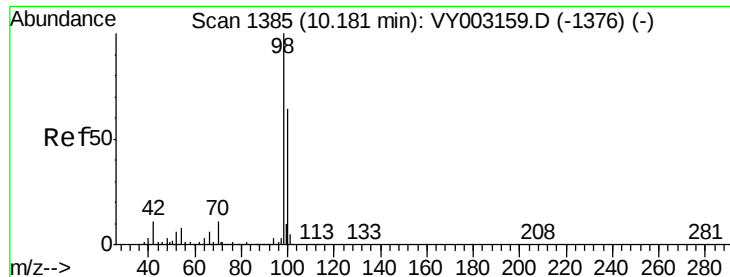
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.431 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VY003241.D
 Acq: 20 Jul 2020 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.0	74.5	111.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 54.739 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

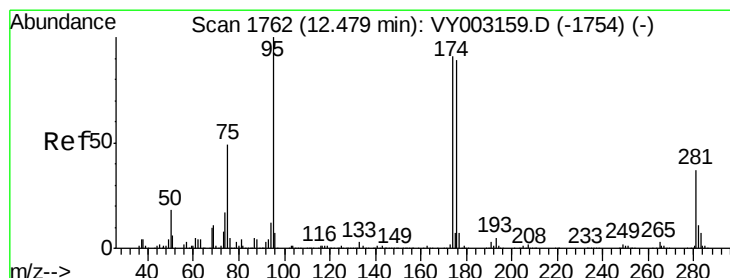
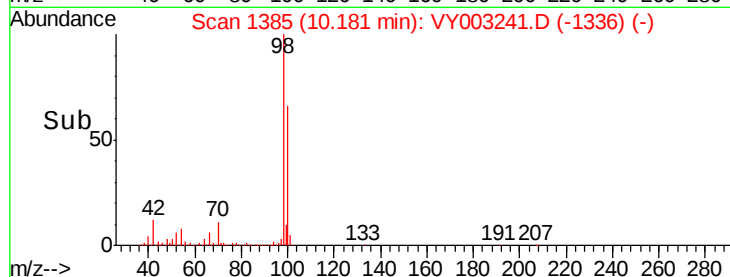
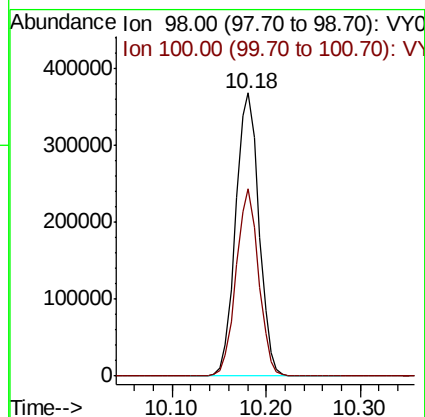
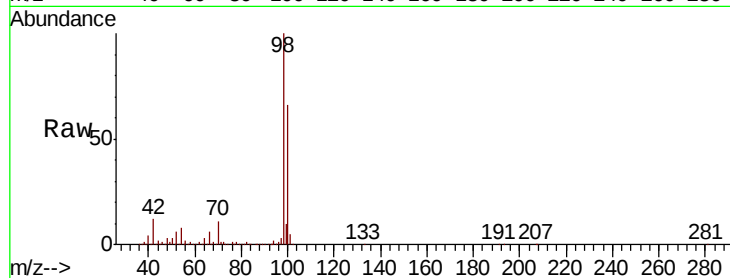
15RE

Tot Ion: 98 Resp: 632996

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 42.691 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

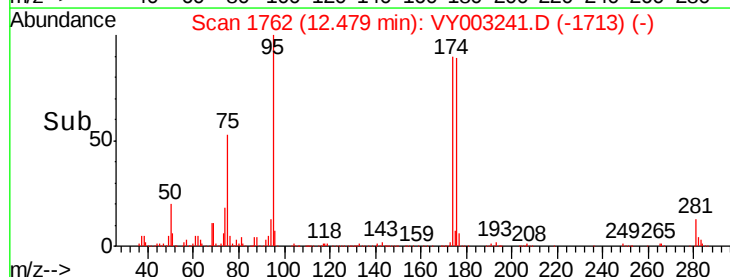
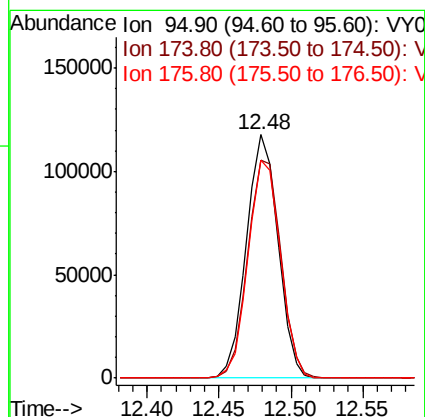
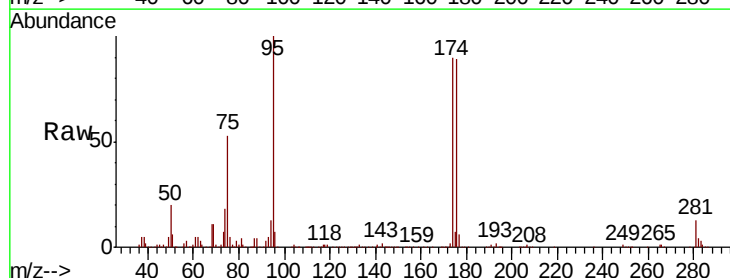
Tgt Ion: 95 Resp: 178347

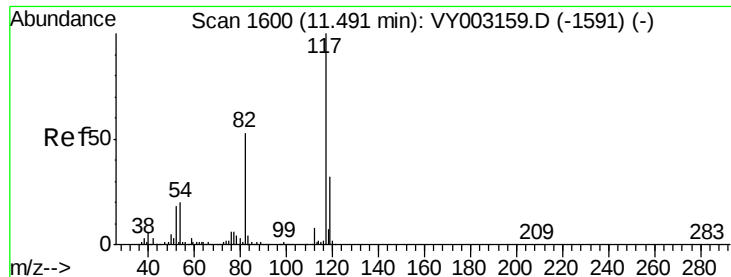
Ion Ratio Lower Upper

95 100

174 93.9 0.0 190.6

176 91.7 0.0 186.4

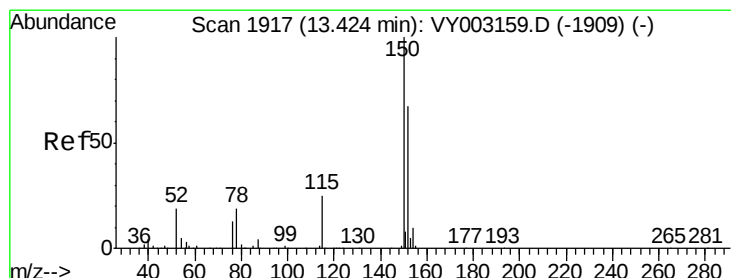
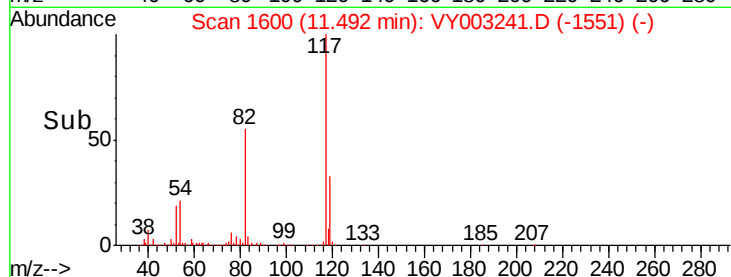
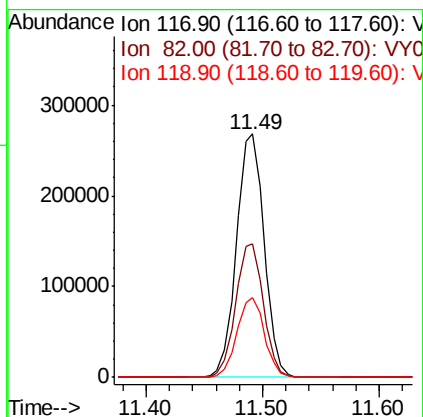
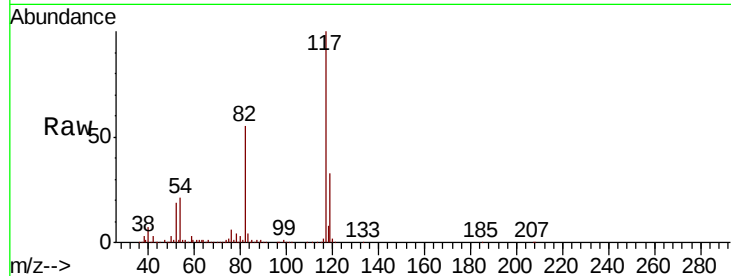




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

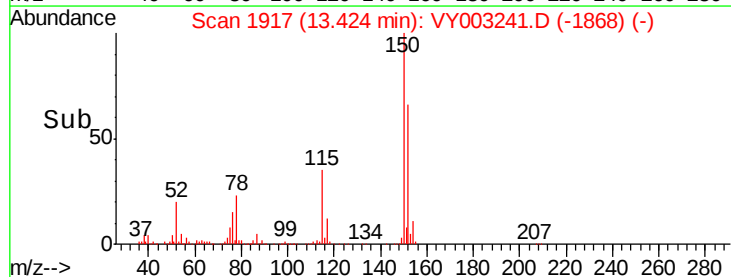
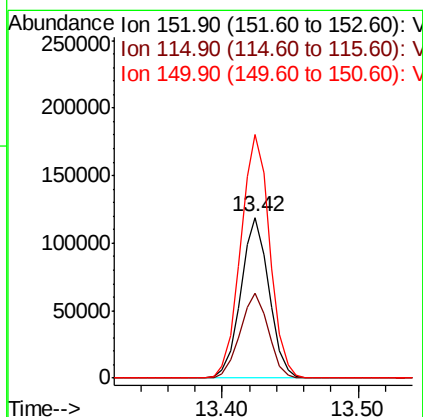
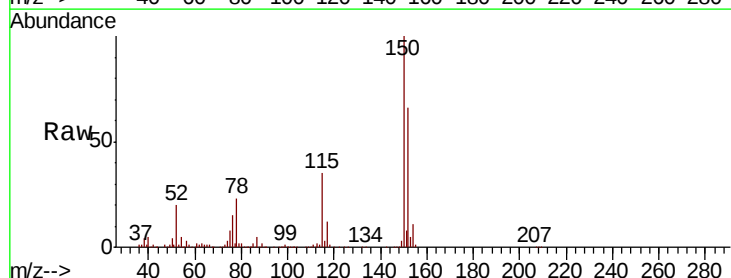
Instrument :
MSVOA_Y
ClientSampleId :
15RE

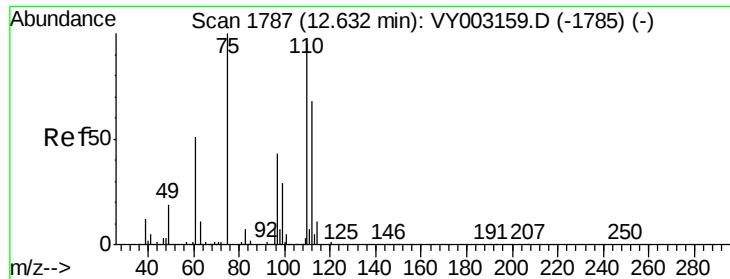
Tot Ion:117 Resp: 444622
Ion Ratio Lower Upper
117 100
82 55.0 42.0 63.0
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003241.D
Acq: 20 Jul 2020 18:53

Tgt Ion:152 Resp: 171475
Ion Ratio Lower Upper
152 100
115 53.4 26.9 80.7
150 156.2 0.0 338.0





#76

1,2,3-Trichloropropane

Concen: 61.196 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

Instrument :

MSVOA_Y

ClientSampleId :

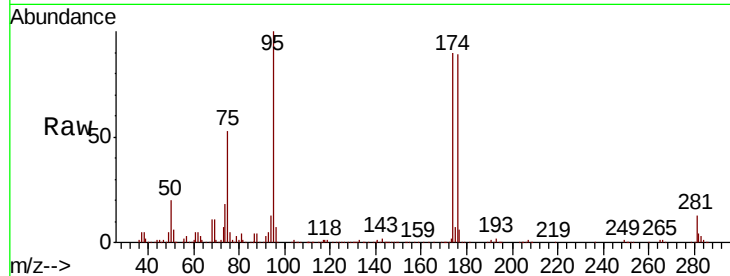
15RE

Tot Ion: 75 Resp: 92887

Ion Ratio Lower Upper

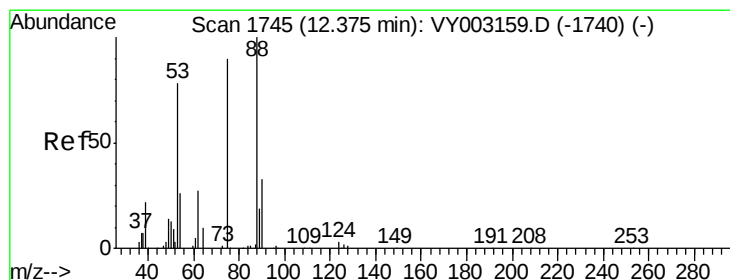
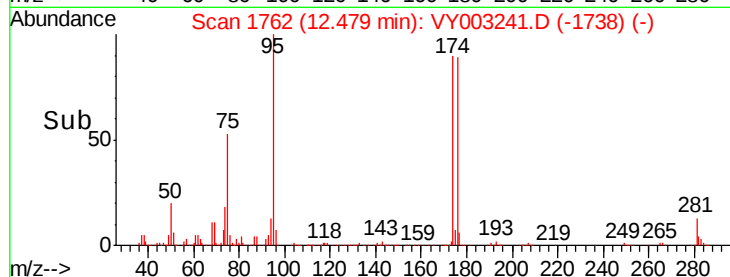
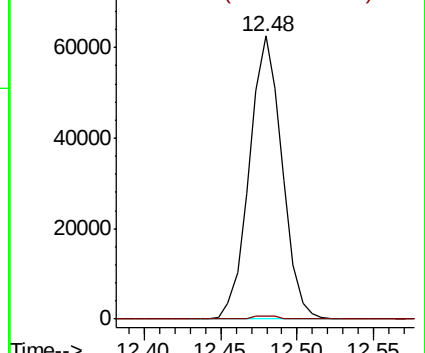
75 100

77 1.0 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: 119.100 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003241.D

Acq: 20 Jul 2020 18:53

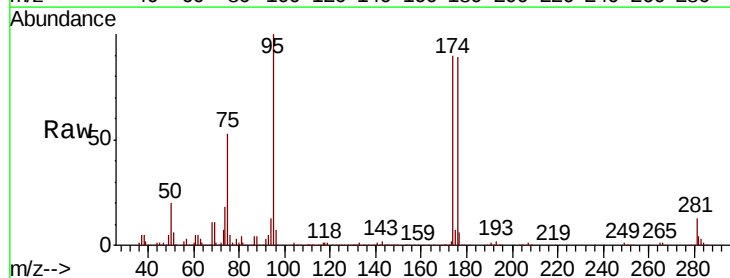
Tgt Ion: 75 Resp: 92887

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 37.3 55.9#



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

