

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002391.D
 Acq On : 17 Apr 2020 12:15
 Operator : SY/MD
 Sample : L2284-05
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:35:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

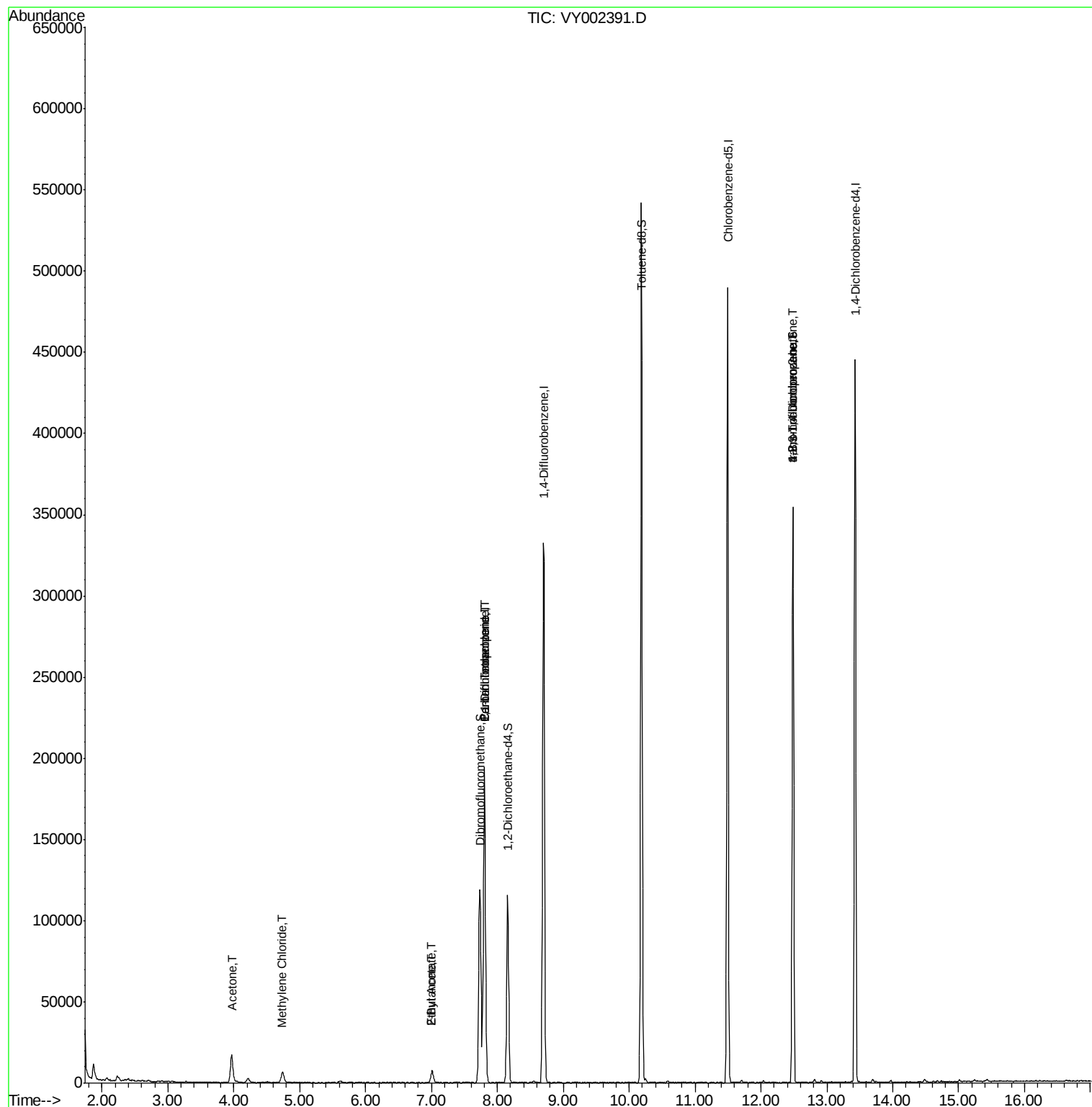
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	149346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	304738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80867	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.74	113	90581	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.19	98	370492	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.49	95	120281	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.95	59	59	Below Cal	#	77
16) Acetone	3.97	43	28555	65.278	ug/l	89
20) Methylene Chloride	4.74	84	5699	2.651	ug/l #	85
25) 2-Butanone	7.00	43	12242	17.684	ug/l #	89
36) 1,1-Dichloropropene	7.80	75	11696	3.897	ug/l #	50
37) Ethyl Acetate	7.00	43	12242	7.139	ug/l #	67
38) Carbon Tetrachloride	7.80	117	14482	5.641	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	56350	42.072	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56350	81.830	ug/l #	19

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

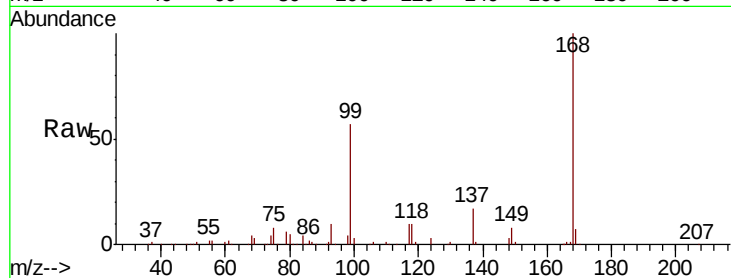
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 149346

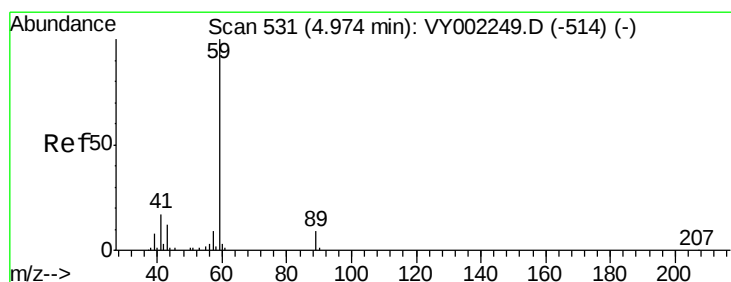
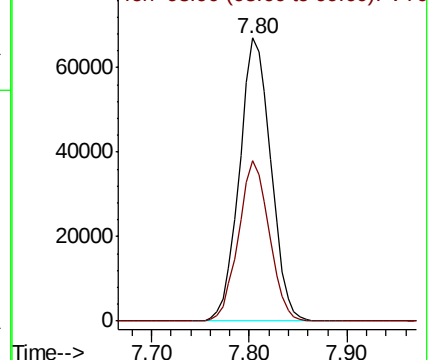
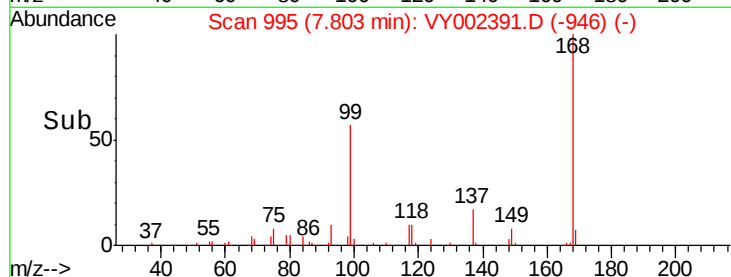
Ion Ratio Lower Upper

168 100

99 56.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002391.D (-946) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.02 min

Lab File: VY002391.D

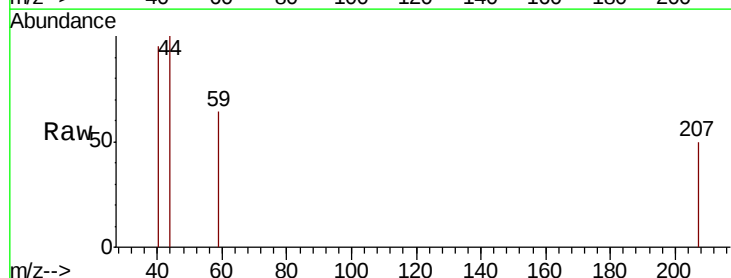
Acq: 17 Apr 2020 12:15

Tgt Ion: 59 Resp: 59

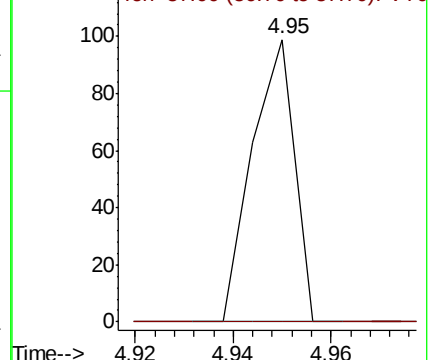
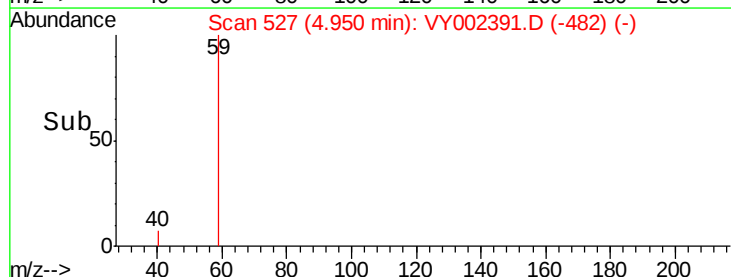
Ion Ratio Lower Upper

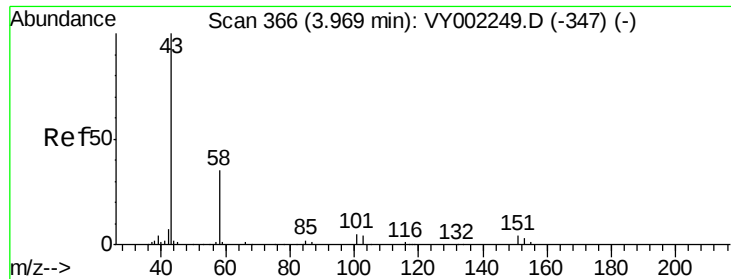
59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002391.D (-482) (-)





#16

Acetone

Concen: 65.278 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

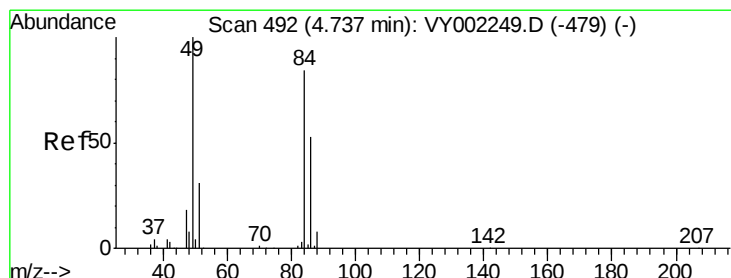
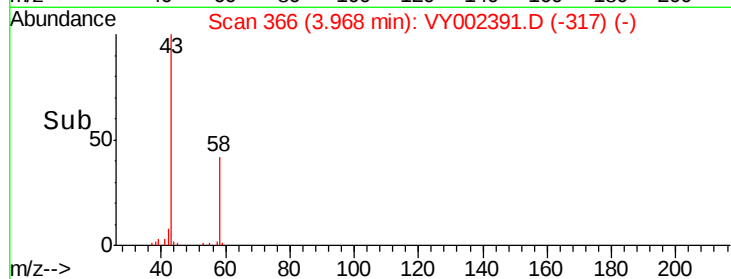
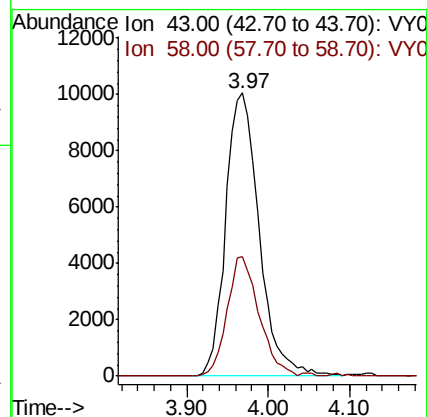
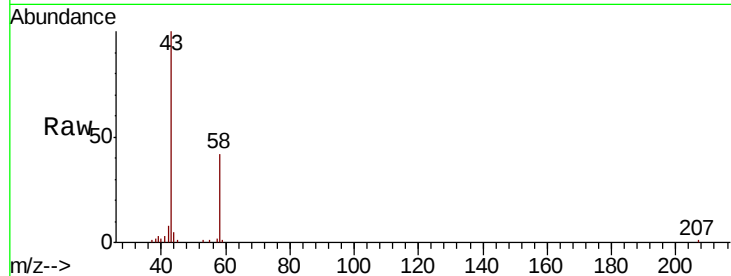
ClientSampled :

Tot Ion: 43 Resp: 28555

Ion Ratio Lower Upper

43 100

58 42.3 28.5 42.7



#20

Methylene Chloride

Concen: 2.651 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Tgt Ion: 84 Resp: 5699

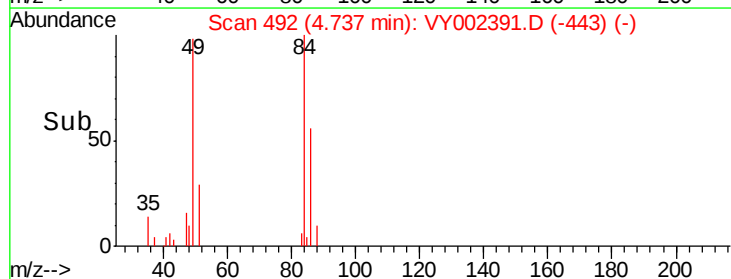
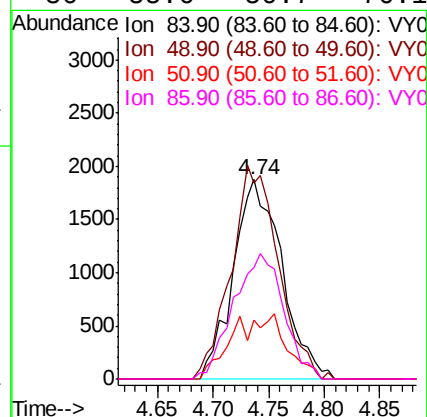
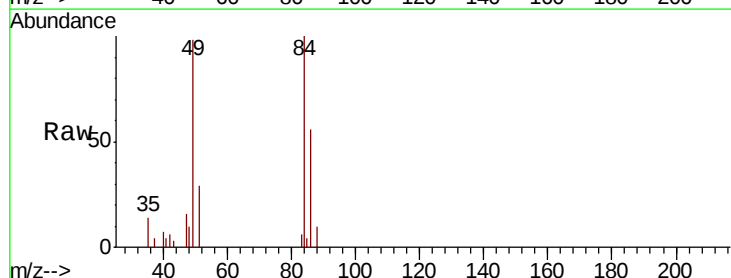
Ion Ratio Lower Upper

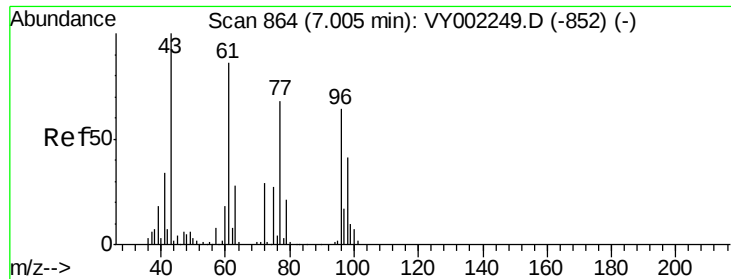
84 100

49 98.3 95.5 143.3

51 29.3 29.5 44.3#

86 55.6 50.7 76.1





#25

2-Butanone

Concen: 17.684 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

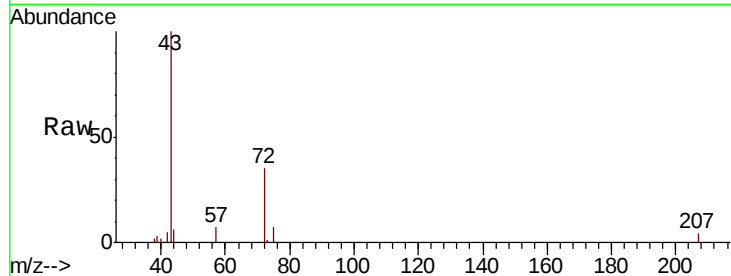
ClientSampleId :

Tot Ion: 43 Resp: 12242

Ion Ratio Lower Upper

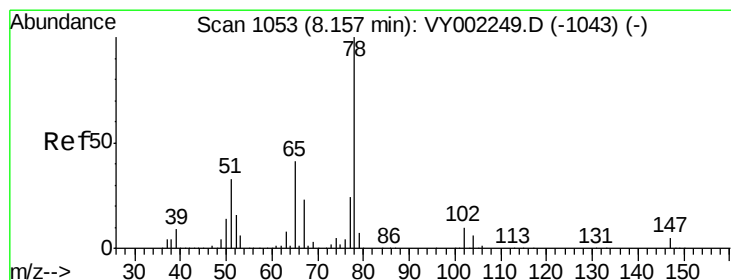
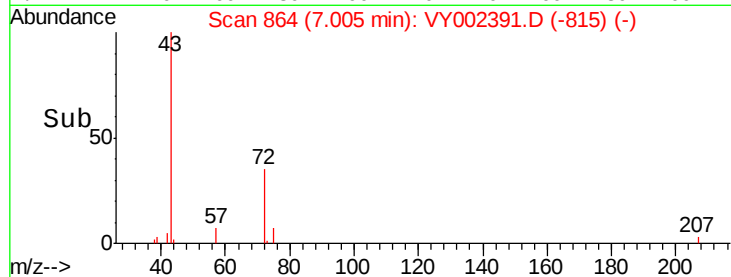
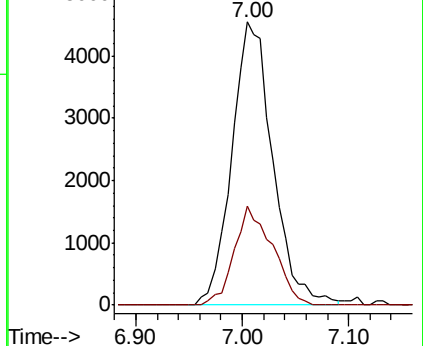
43 100

72 34.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 48.691 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002391.D

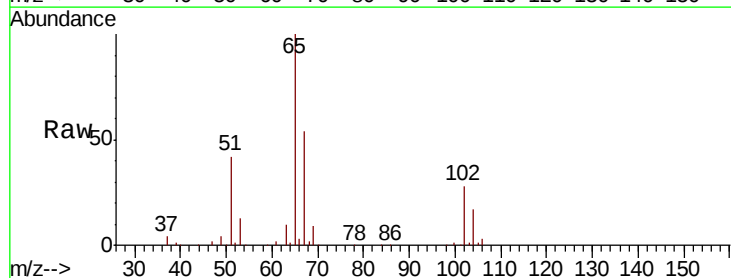
Acq: 17 Apr 2020 12:15

Tgt Ion: 65 Resp: 80867

Ion Ratio Lower Upper

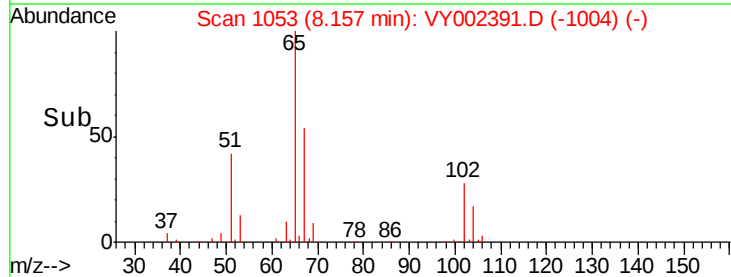
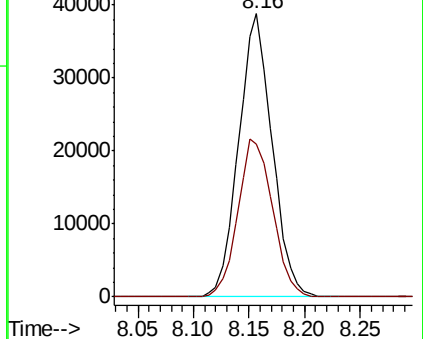
65 100

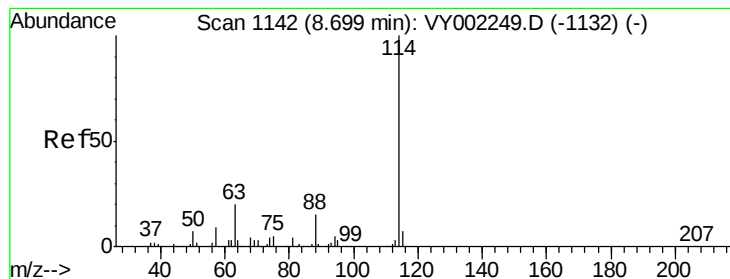
67 57.8 0.0 114.0



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: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

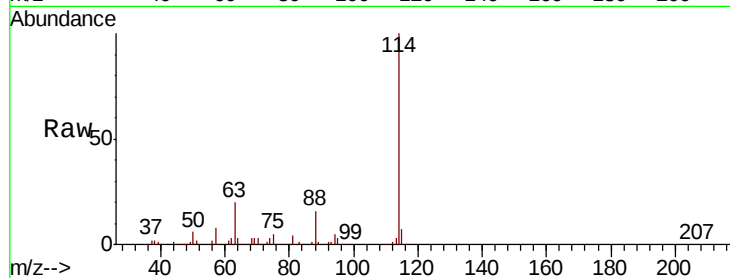
Tot Ion:114 Resp: 304738

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

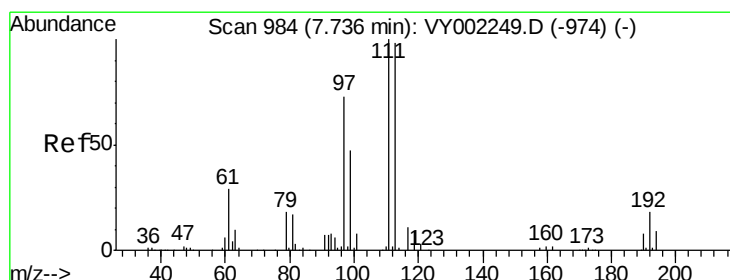
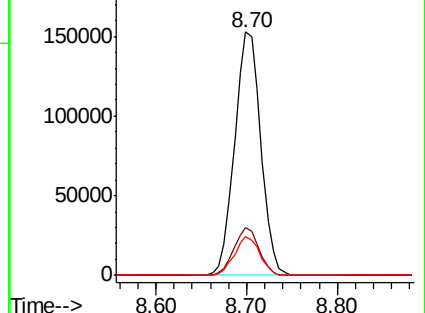
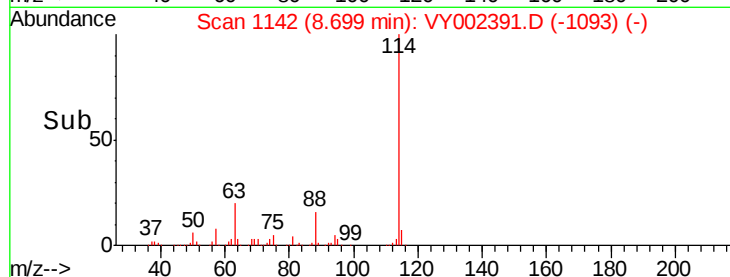
88 15.7 0.0 31.0



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: 49.954 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

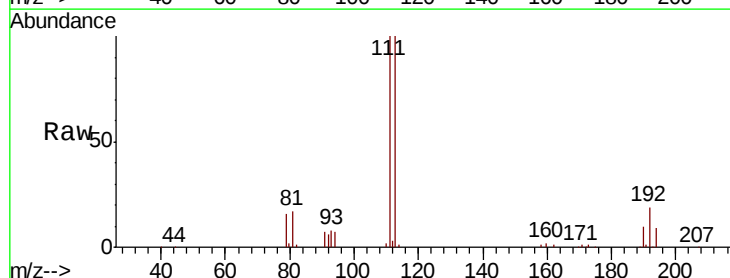
Tgt Ion:113 Resp: 90581

Ion Ratio Lower Upper

113 100

111 102.2 83.5 125.3

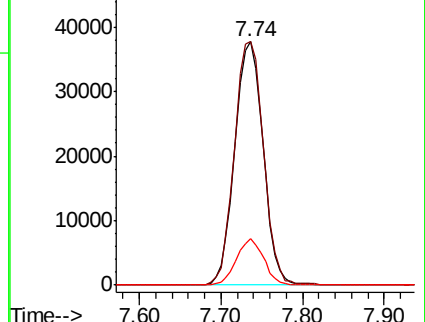
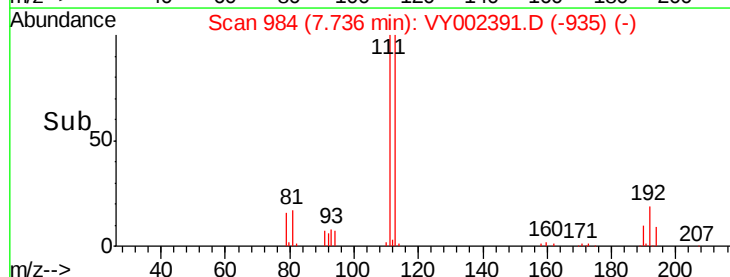
192 18.2 14.7 22.1

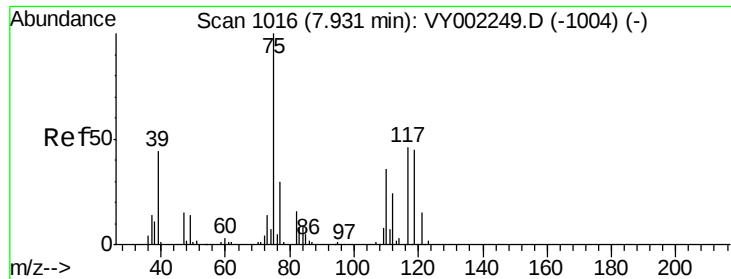


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

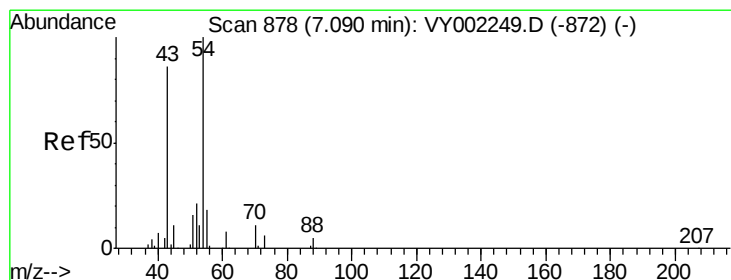
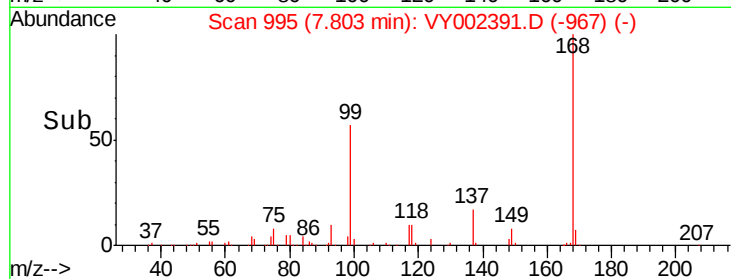
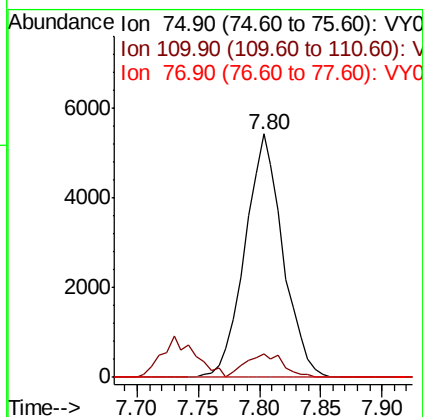
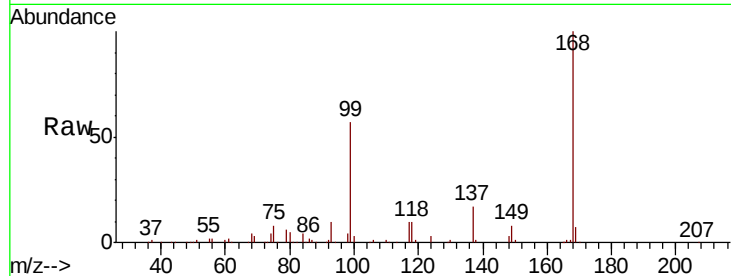




#36
 1,1-Dichloropropene
 Concen: 3.897 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002391.D
 Acq: 17 Apr 2020 12:15

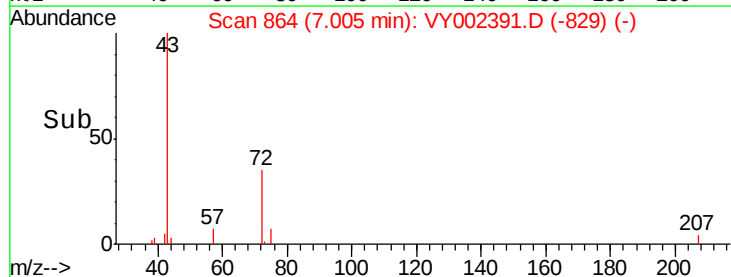
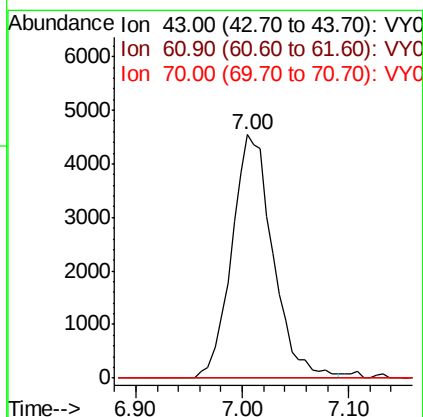
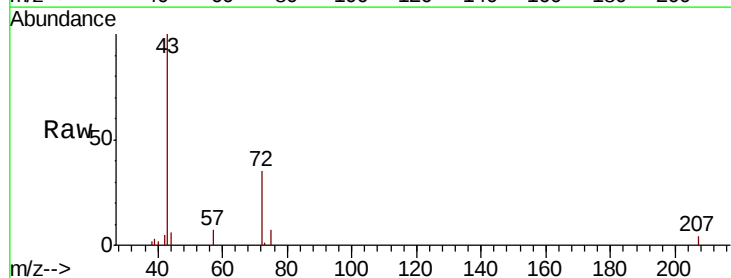
Instrument :
 MSVOA_Y
 ClientSampleId :

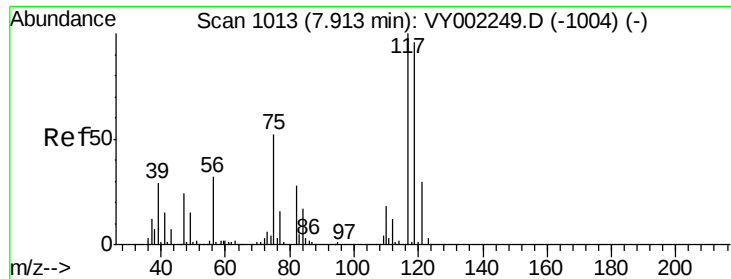
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.8	53.3#
77	0.0	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 7.139 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.09 min
 Lab File: VY002391.D
 Acq: 17 Apr 2020 12:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.1	13.7#

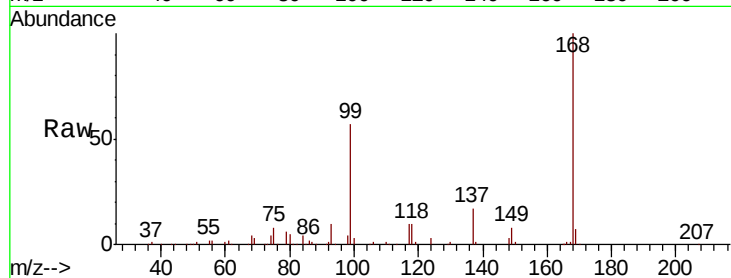




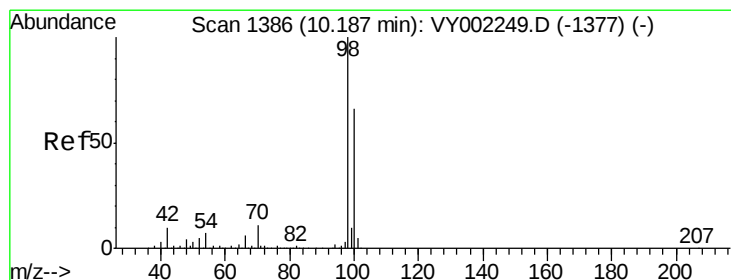
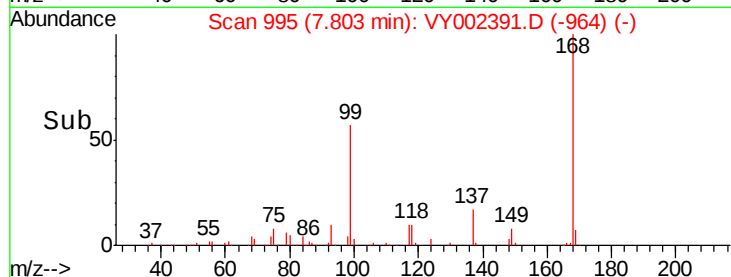
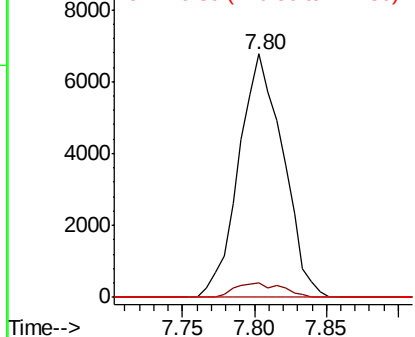
#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 14482
Ion Ratio Lower Upper
117 100
119 5.8 77.1 115.7#
121 0.0 23.9 35.9#

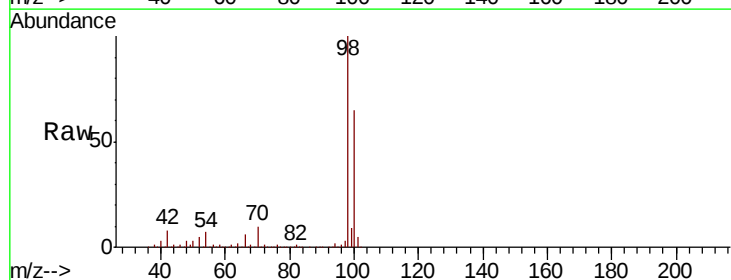


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

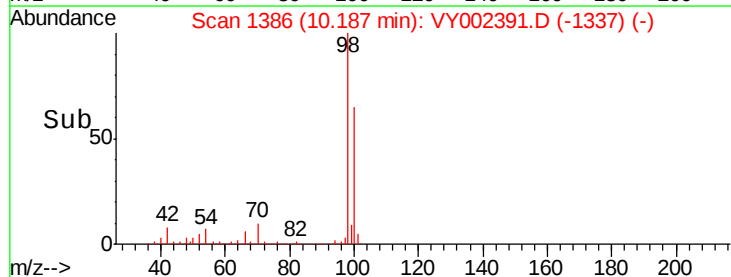
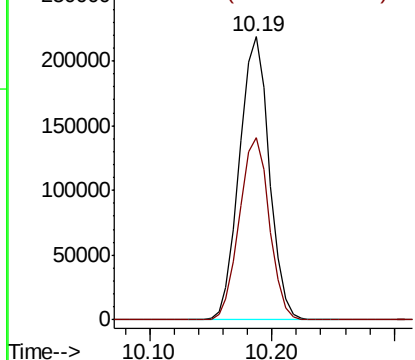


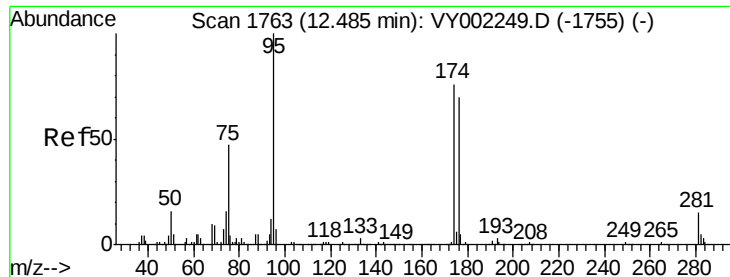
#50
Toluene-d8
Concen: 48.815 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

Tgt Ion: 98 Resp: 370492
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

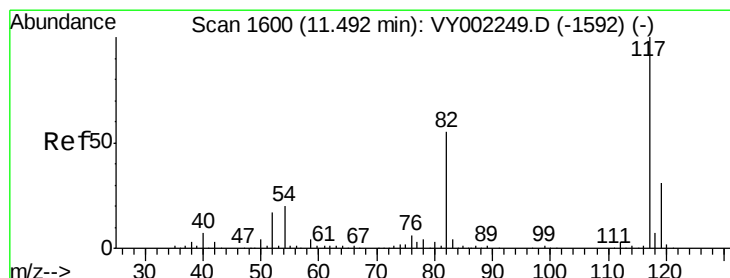
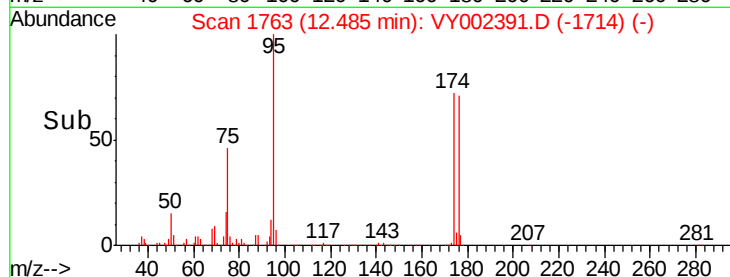
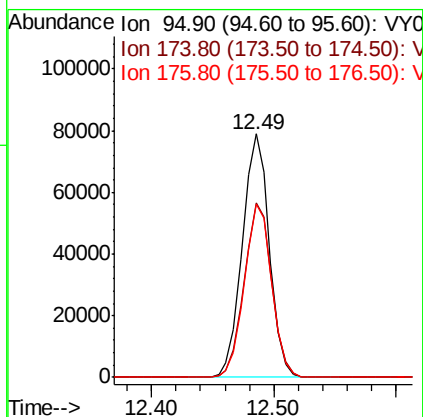
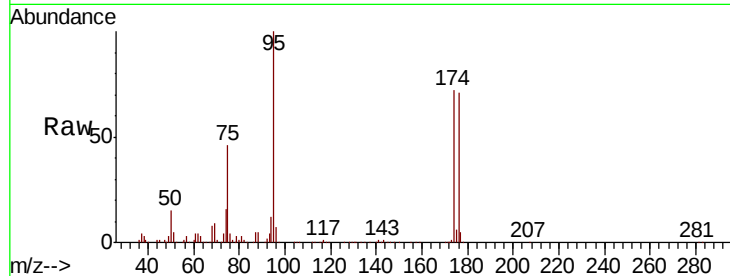




#62
4-Bromofluorobenzene
Concen: 48.037 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

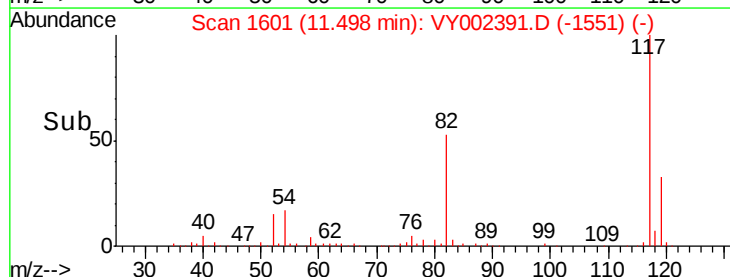
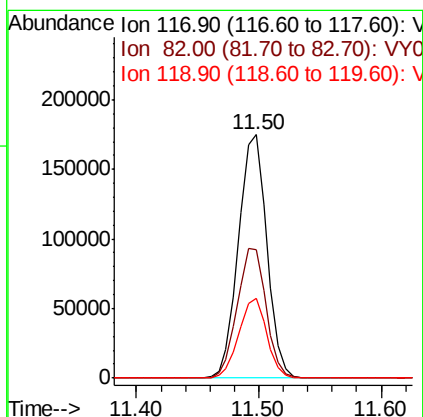
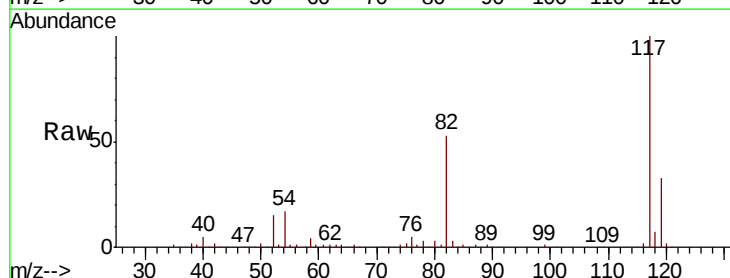
Instrument :
MSVOA_Y
ClientSampled :

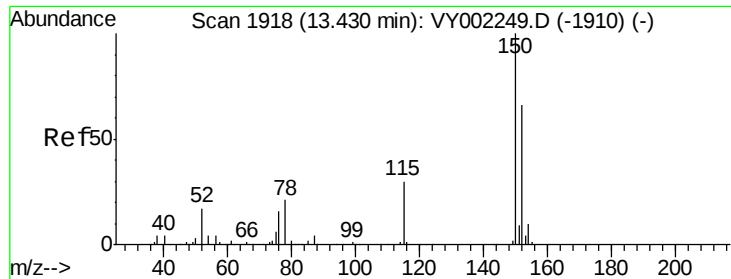
Tot Ion: 95 Resp: 120281
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.6
176 72.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002391.D
Acq: 17 Apr 2020 12:15

Tgt Ion: 117 Resp: 280876
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 32.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

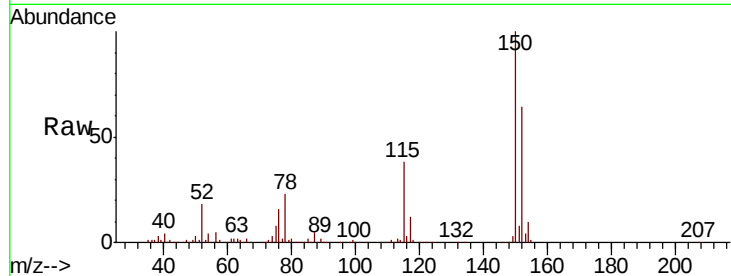
Tot Ion:152 Resp: 115341

Ion Ratio Lower Upper

152 100

115 60.1 30.7 92.1

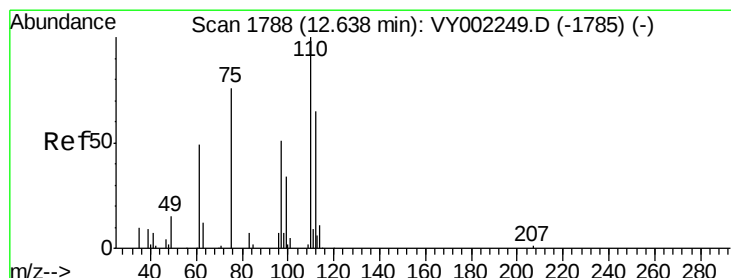
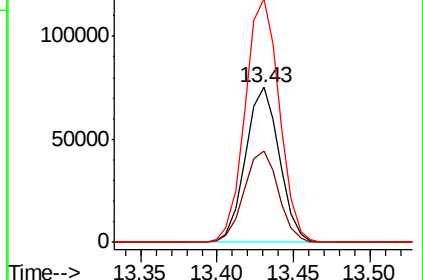
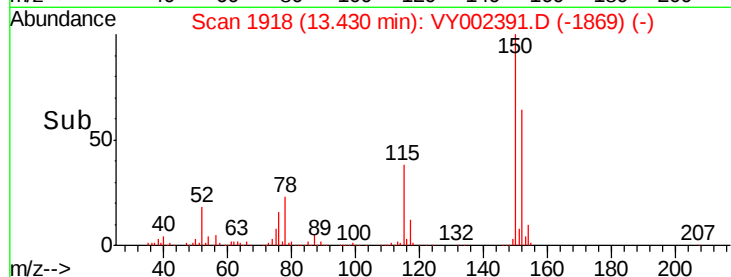
150 159.2 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 42.072 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002391.D

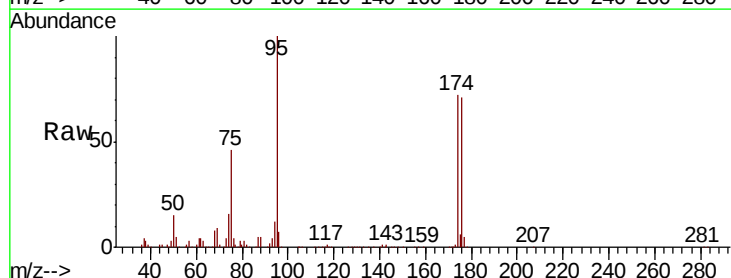
Acq: 17 Apr 2020 12:15

Tgt Ion: 75 Resp: 56350

Ion Ratio Lower Upper

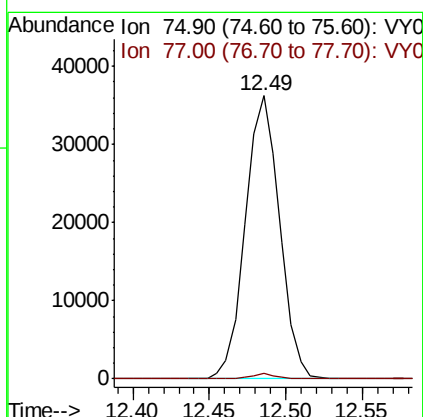
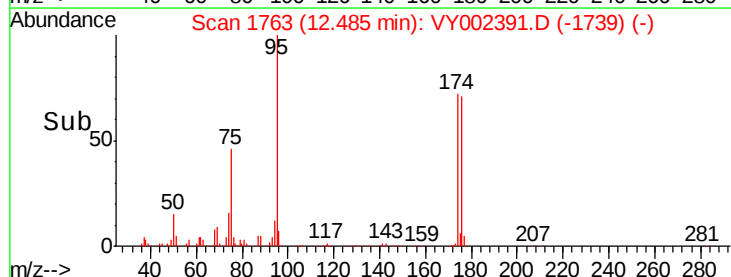
75 100

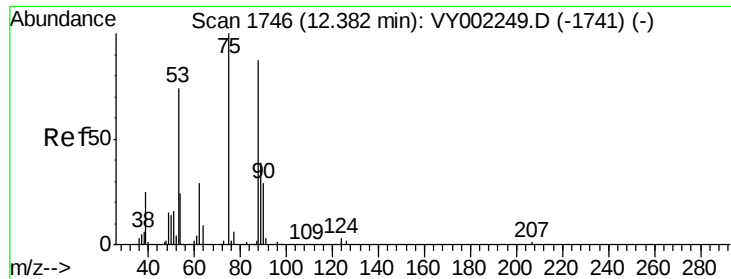
77 1.5 0.0 0.0#



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: 81.830 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002391.D

Acq: 17 Apr 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

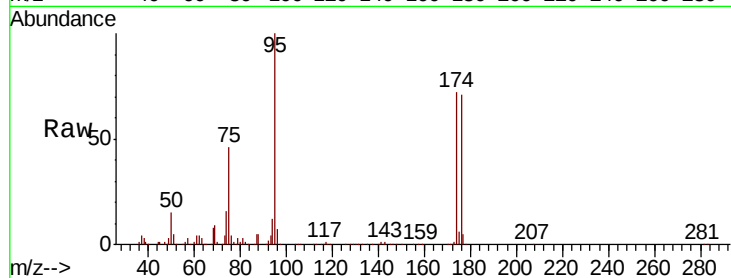
Tot Ion: 75 Resp: 56350

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.1 37.0 55.6#



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

