

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001163.D
 Acq On : 10 Jan 2020 21:24
 Operator : SY/MD
 Sample : L1046-02
 Misc : 6.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

Quant Time: Jan 11 03:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	86829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	143402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	113859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	47167	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	34827	37.98	ug/l	0.00
Spiked Amount						
			Recovery	=	75.96%	
35) Dibromofluoromethane	7.73	113	38719	46.12	ug/l	0.00
Spiked Amount						
			Recovery	=	92.24%	
50) Toluene-d8	10.18	98	165271	51.09	ug/l	0.00
Spiked Amount						
			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	50183	37.94	ug/l	0.00
Spiked Amount						
			Recovery	=	75.88%	

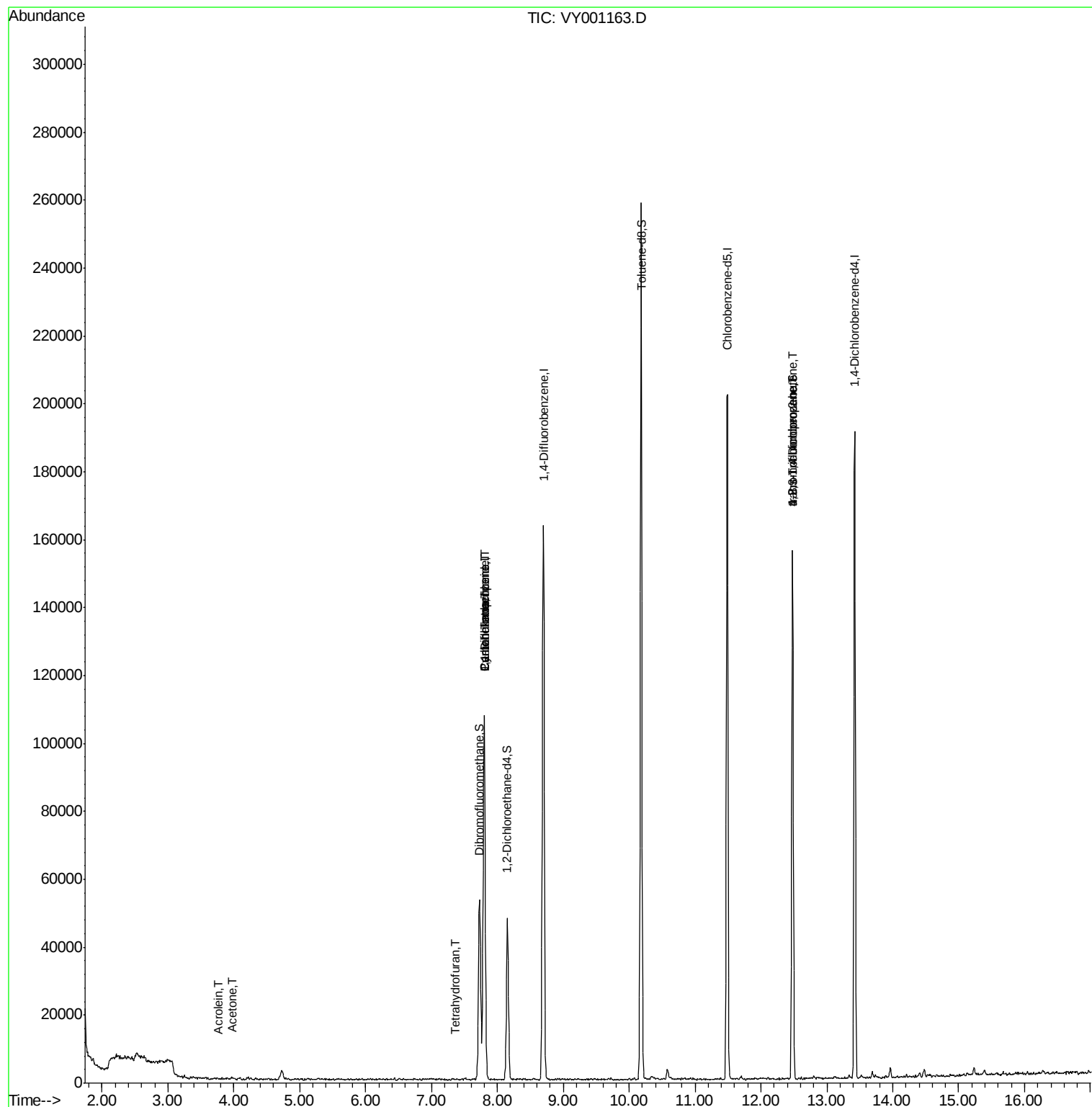
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.76	56	121	1.457	ug/l #	1
16) Acetone	3.97	43	1007	4.728	ug/l #	71
20) Methylene Chloride	4.72	84	1945	Below Cal	#	79
29) Tetrahydrofuran	7.36	42	286	1.259	ug/l #	46
31) Cyclohexane	7.80	56	2005	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	6415	4.908	ug/l #	49
38) Carbon Tetrachloride	7.80	117	8299	6.928	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	24408	48.340	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	24408	81.974	ug/l #	6

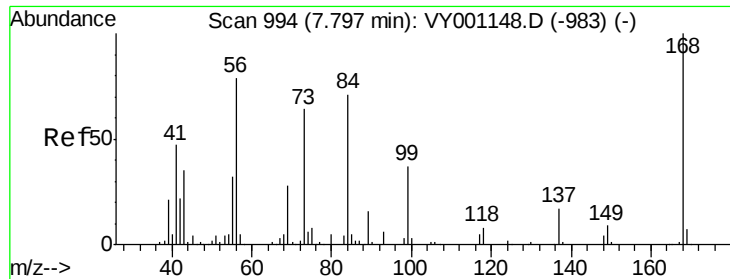
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

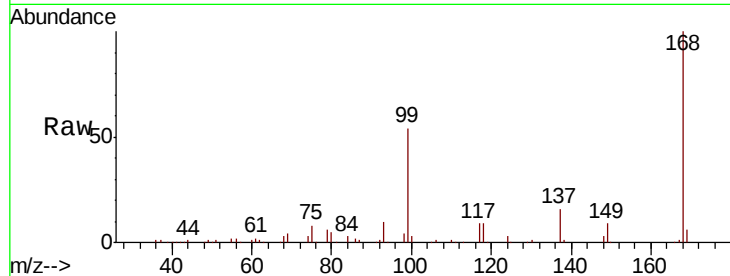
CIY1-SB-104-0-2

Tot Ion:168 Resp: 86829

Ion Ratio Lower Upper

168 100

99 53.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

40000

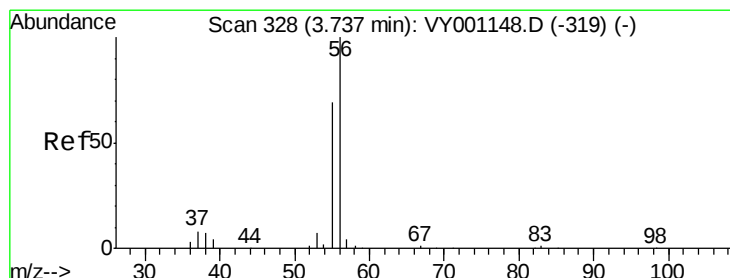
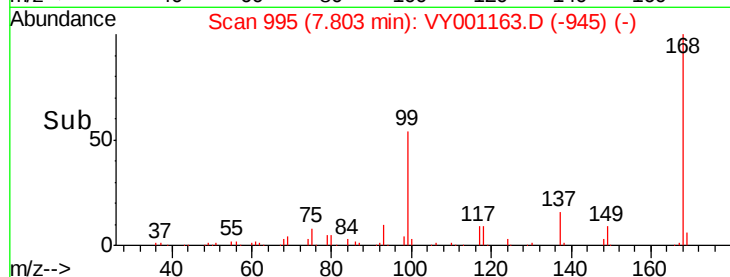
30000

20000

10000

0

Time-->



#13

Acrolein

Concen: 1.457 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY001163.D

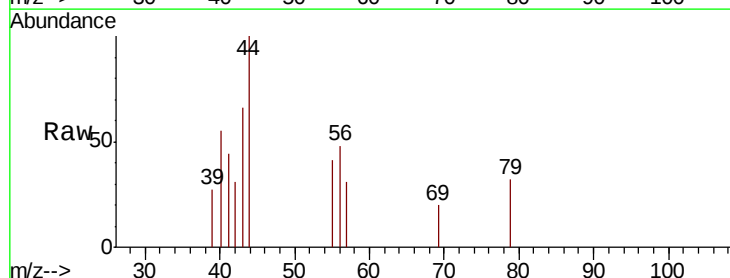
Acq: 10 Jan 2020 21:24

Tgt Ion: 56 Resp: 121

Ion Ratio Lower Upper

56 100

55 175.2 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VY001148.D (-319) (-)

Ion 55.00 (54.70 to 55.70): VY001148.D (-319) (-)

300

250

200

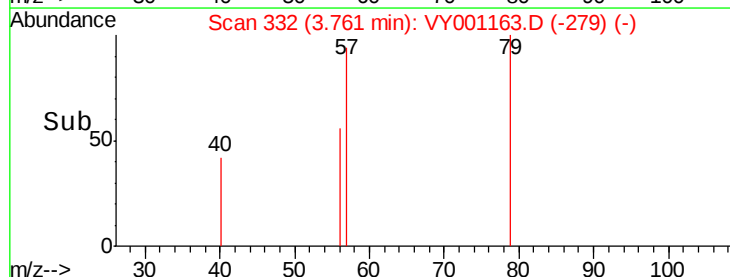
150

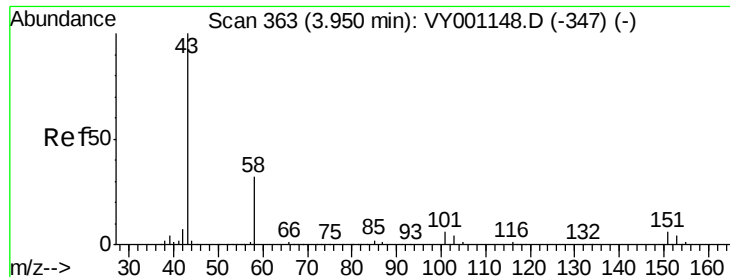
100

50

0

Time-->





#16

Acetone

Concen: 4.728 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

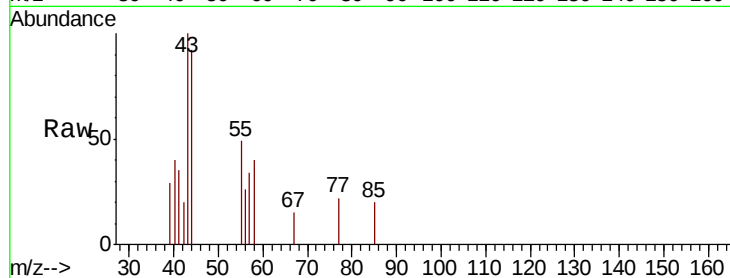
CIY1-SB-104-0-2

Tot Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 48.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

400

300

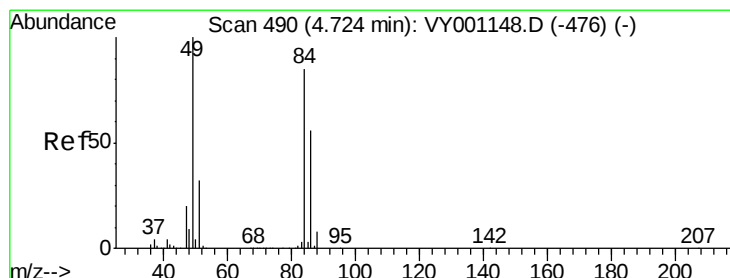
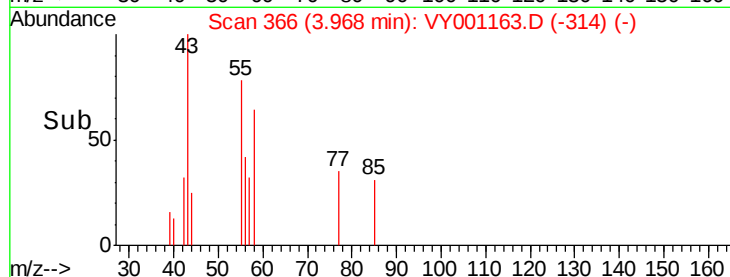
200

100

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Tgt Ion: 84 Resp: 1945

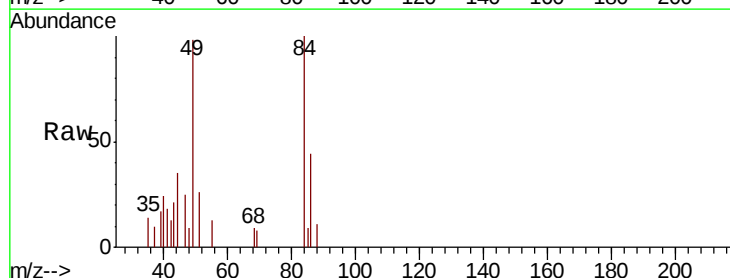
Ion Ratio Lower Upper

84 100

49 97.8 93.8 140.6

51 25.6 29.9 44.9#

86 44.0 52.6 78.8#



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

1000

800

600

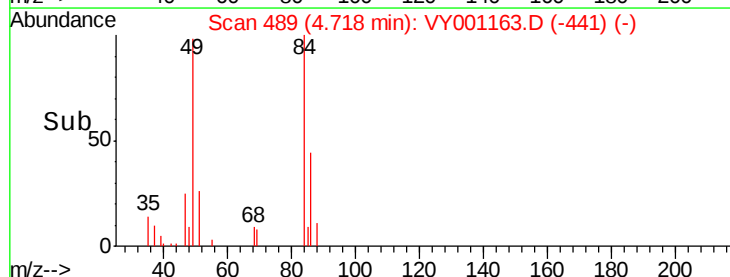
400

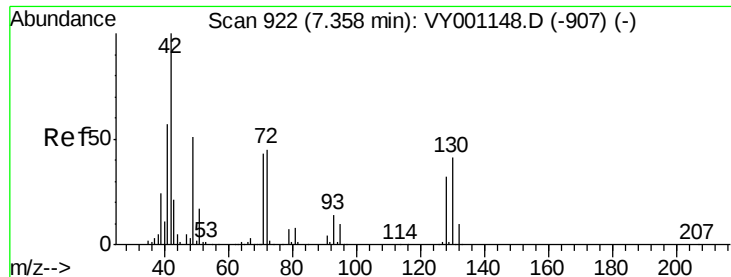
200

0

4.65 4.70 4.75 4.80

Time-->





#29

Tetrahydrofuran

Concen: 1.259 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-104-0-2

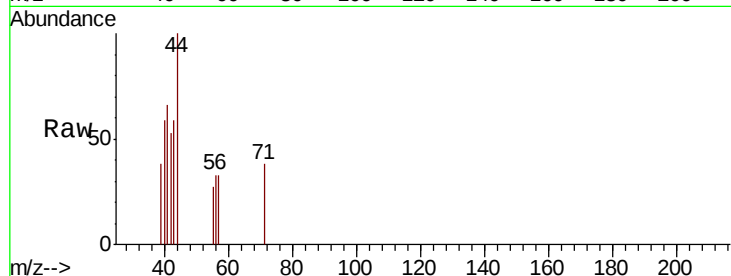
Tot Ion: 42 Resp: 286

Ion Ratio Lower Upper

42 100

72 0.0 36.9 55.3#

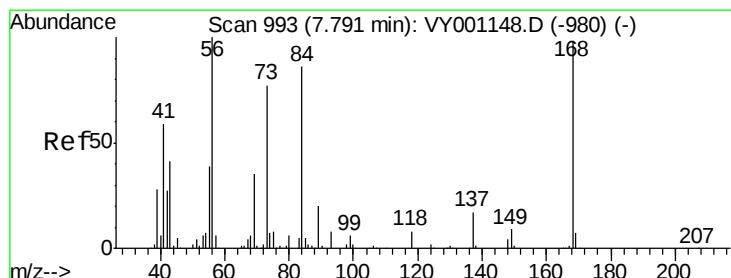
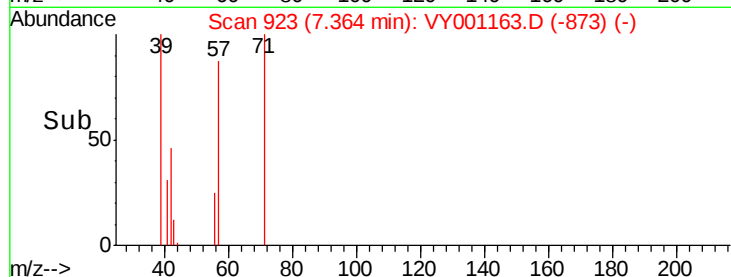
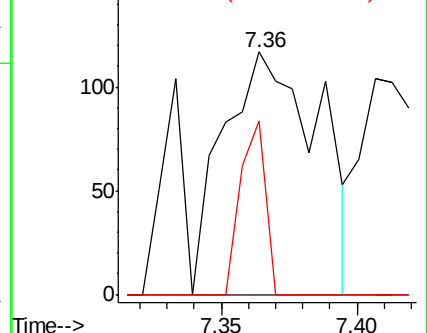
71 18.5 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

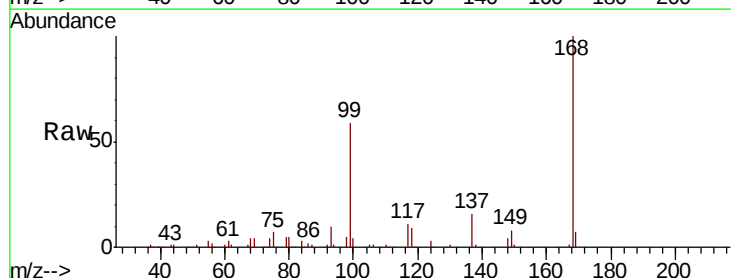
Tgt Ion: 56 Resp: 2005

Ion Ratio Lower Upper

56 100

69 163.4 27.8 41.8#

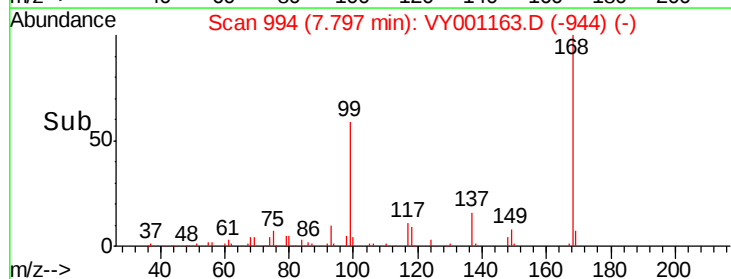
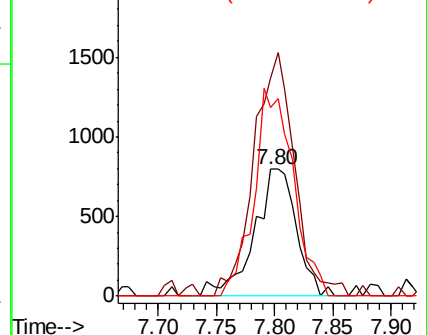
84 158.5 68.9 103.3#

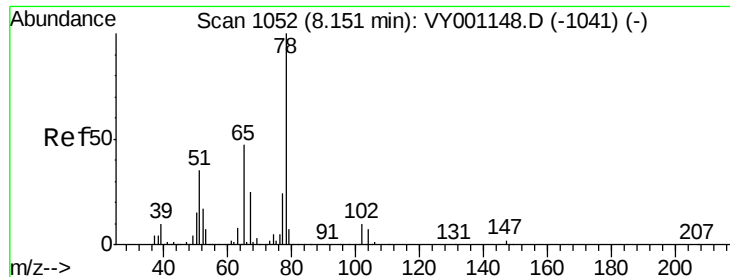


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

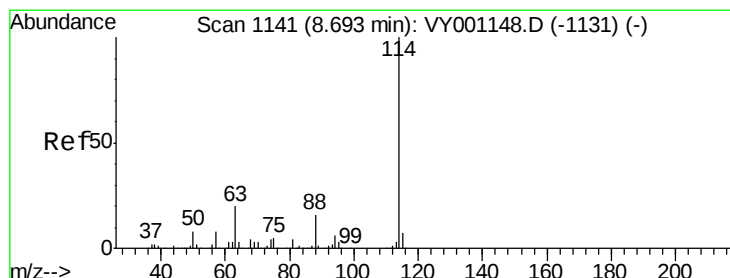
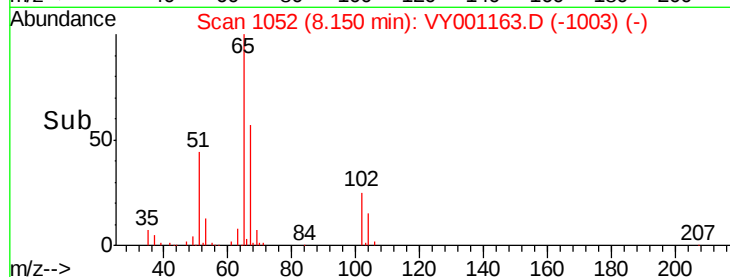
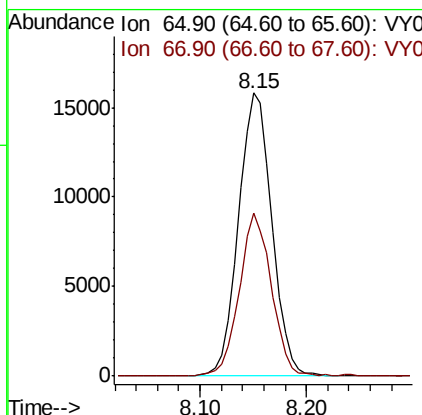
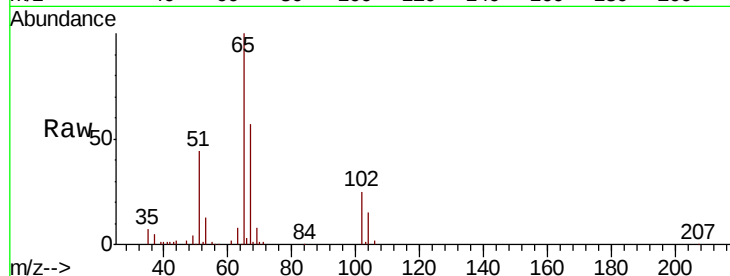




#33
 1,2-Dichloroethane-d4
 Concen: 37.977 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001163.D
 Acq: 10 Jan 2020 21:24

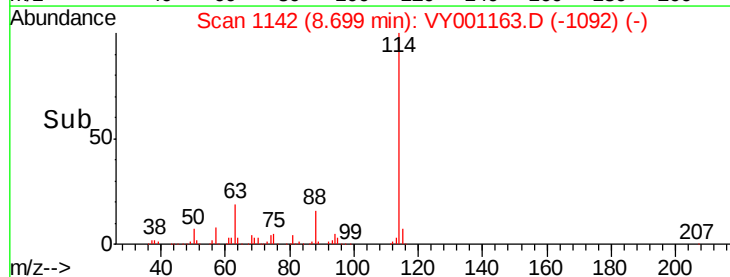
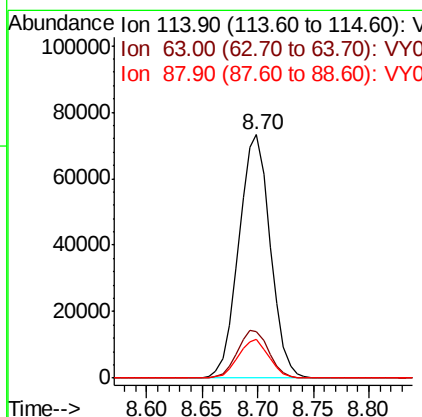
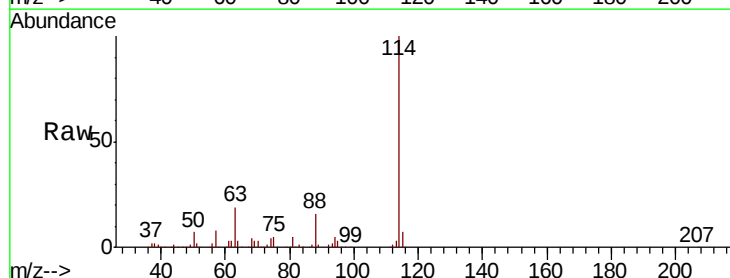
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

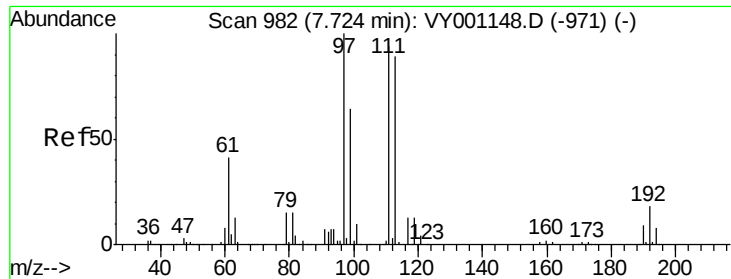
Tot Ion: 65 Resp: 34827
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001163.D
 Acq: 10 Jan 2020 21:24

Tgt Ion: 114 Resp: 143402
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.115 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-104-0-2

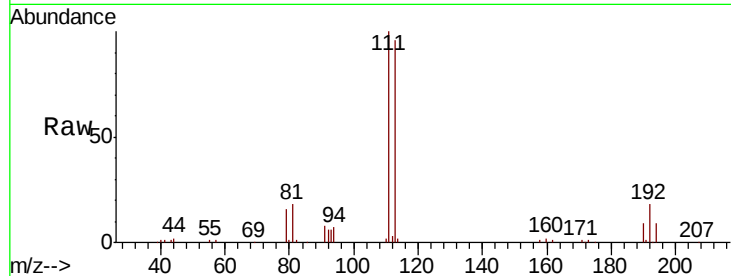
Tot Ion:113 Resp: 38719

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

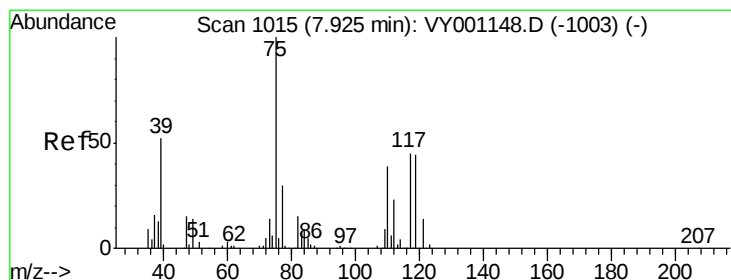
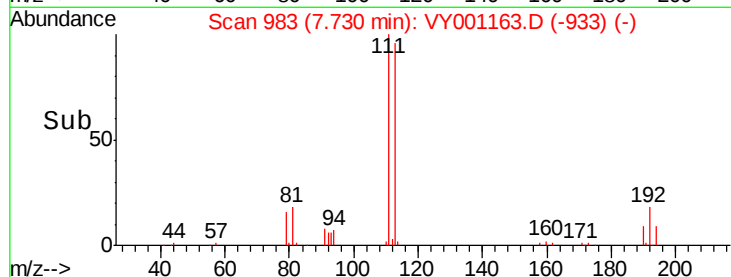
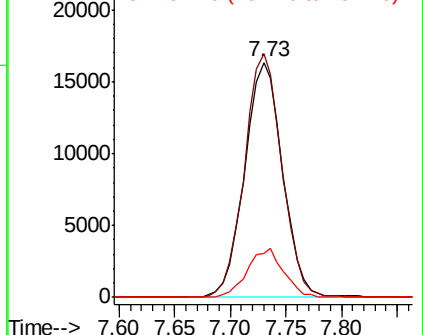
192 19.8 15.4 23.2



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: 4.908 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

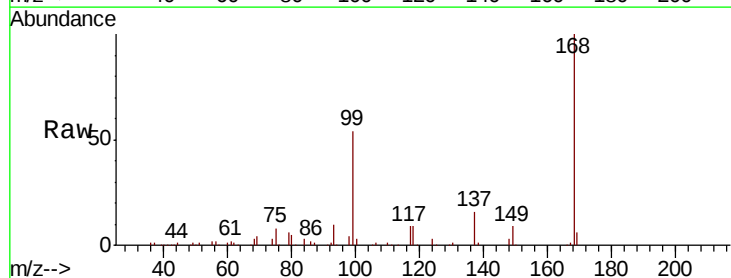
Tgt Ion: 75 Resp: 6415

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

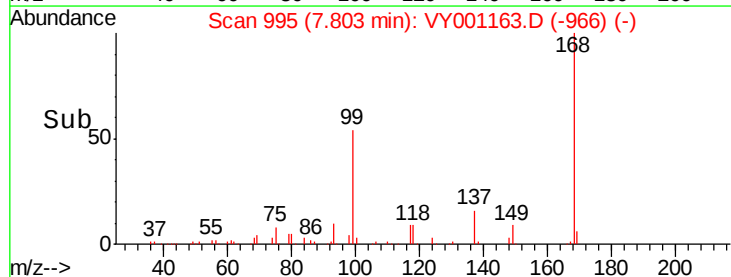
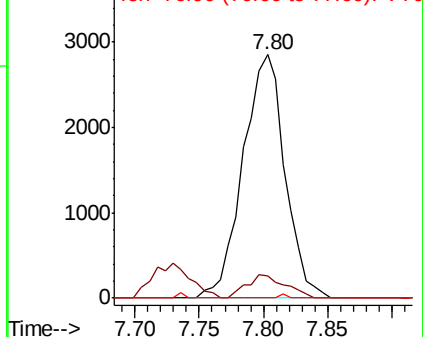
77 0.3 25.1 37.7#

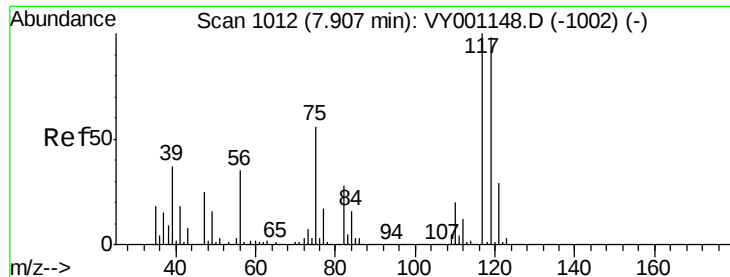


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

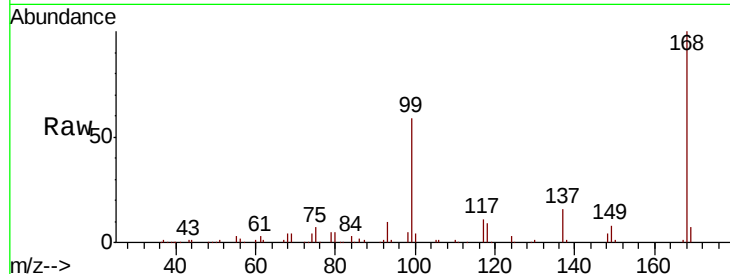




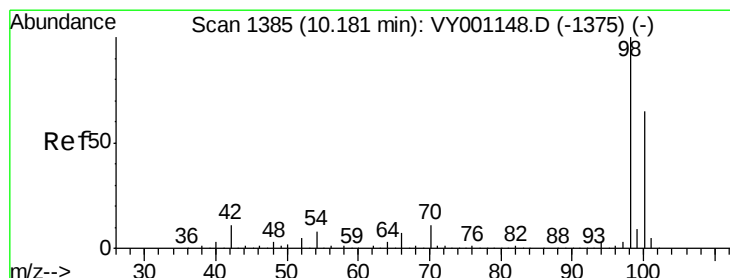
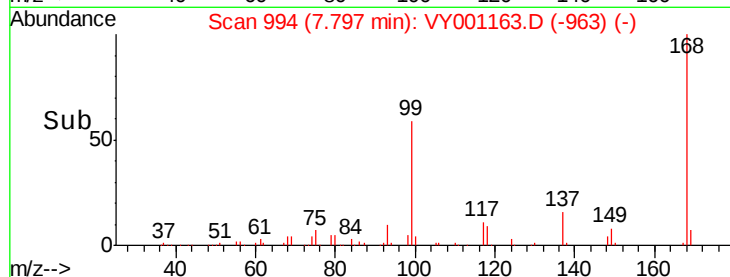
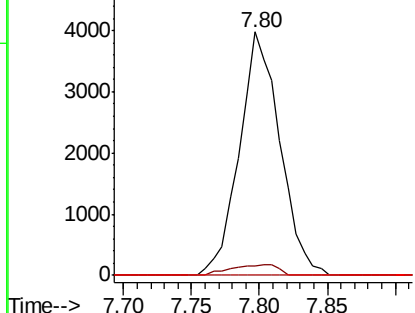
#38
Carbon Tetrachloride
Concen: 6.928 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tot Ion:117 Resp: 8299
Ion Ratio Lower Upper
117 100
119 3.8 78.3 117.5#
121 0.0 23.5 35.3#

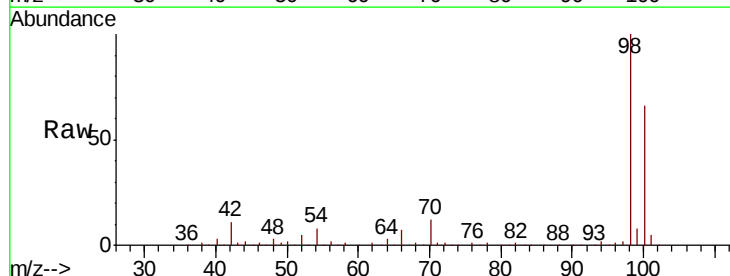


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

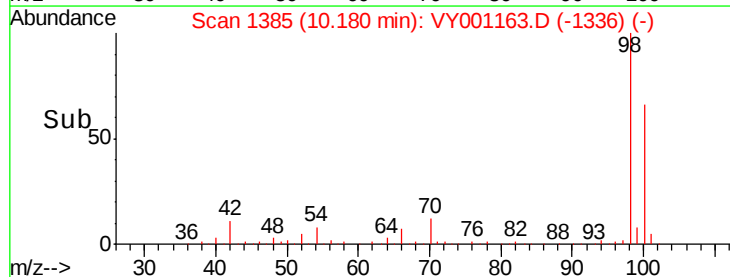
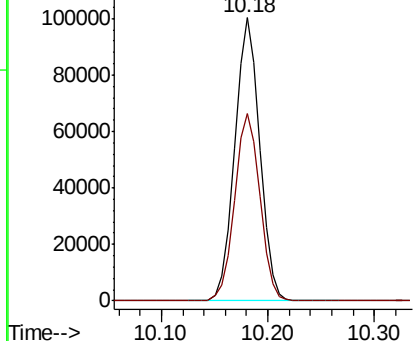


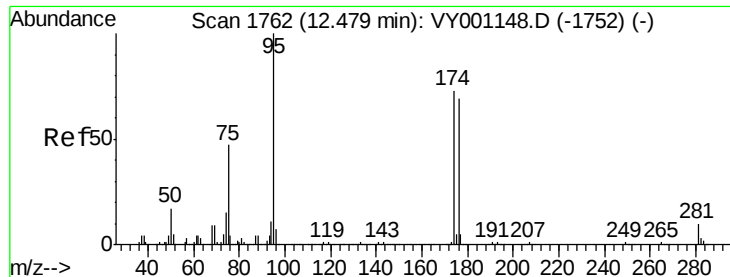
#50
Toluene-d8
Concen: 51.086 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Tgt Ion: 98 Resp: 165271
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



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

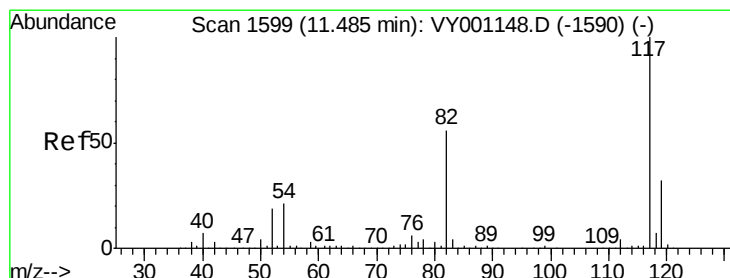
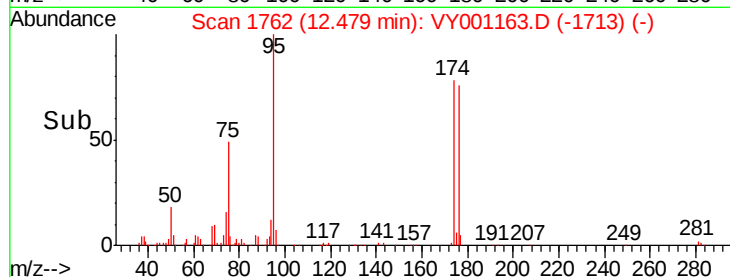
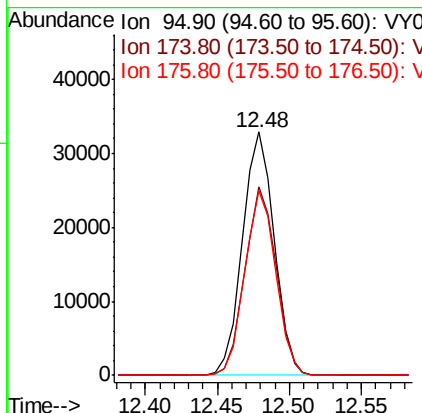
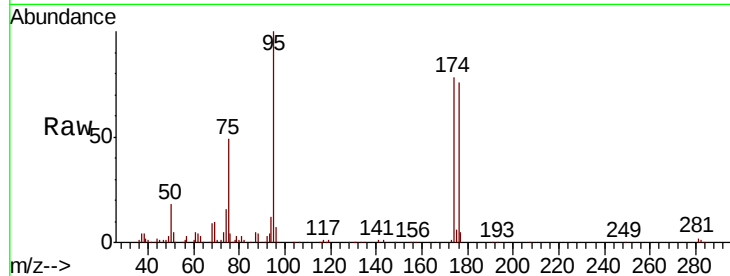




#62
4-Bromofluorobenzene
Concen: 37.942 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

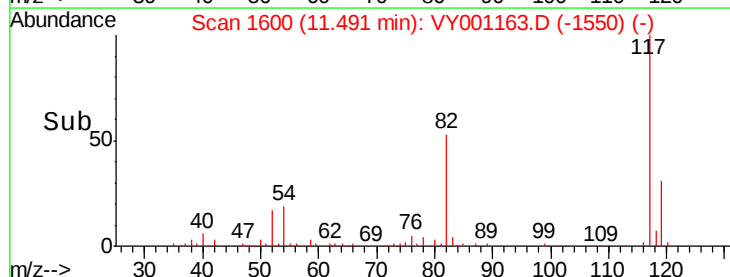
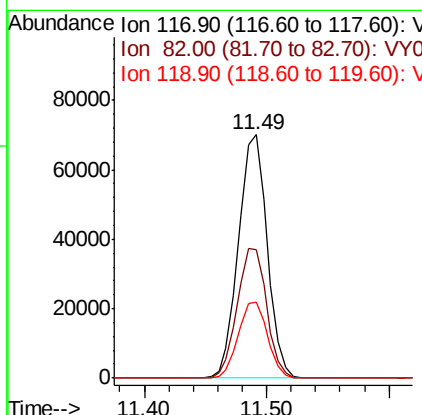
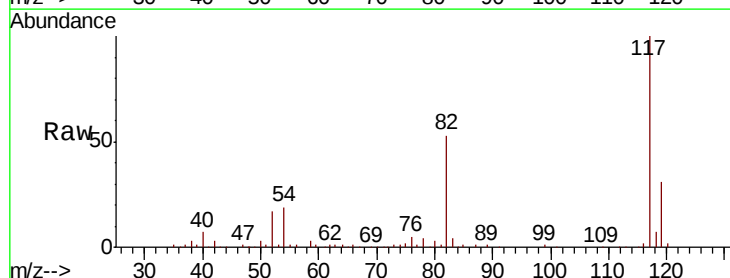
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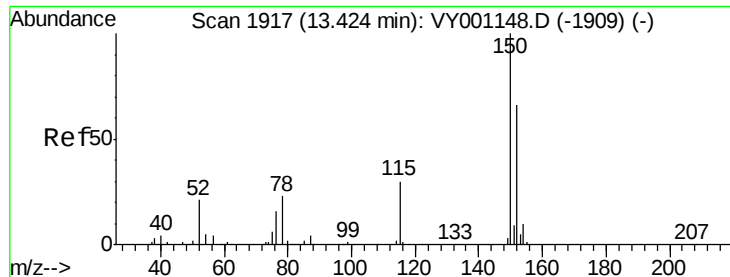
Tot Ion: 95 Resp: 50183
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.2
176 74.1 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Tgt Ion: 117 Resp: 113859
Ion Ratio Lower Upper
117 100
82 52.5 44.9 67.3
119 31.2 25.7 38.5



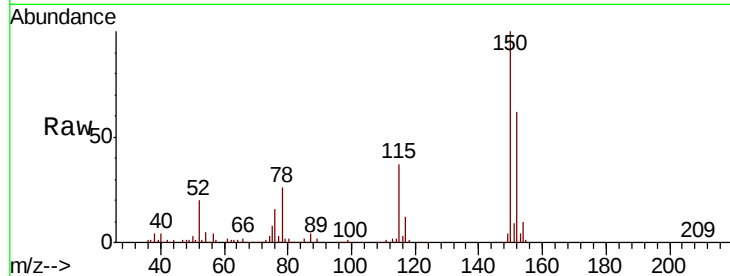


#72

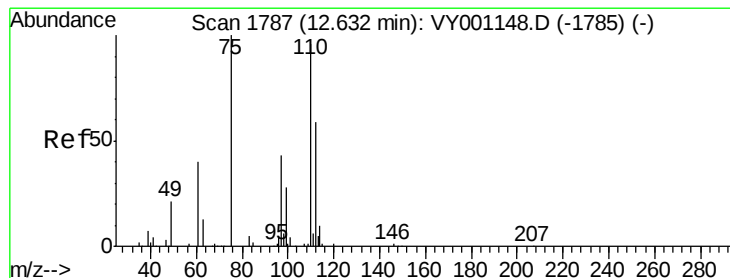
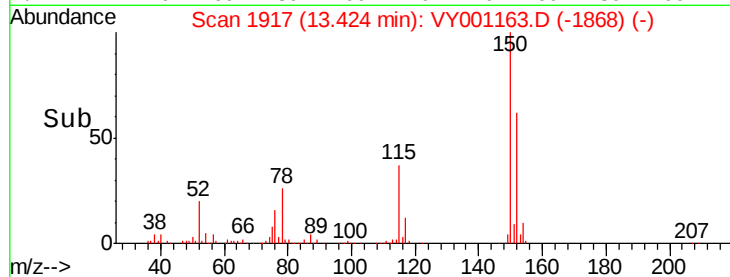
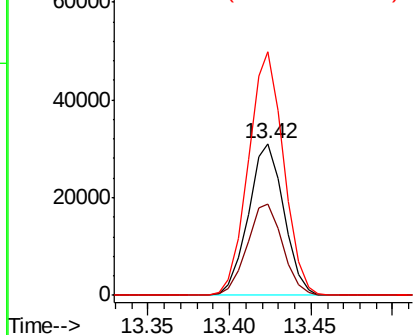
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tot Ion:152 Resp: 47167
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.5
150 158.4 0.0 346.8



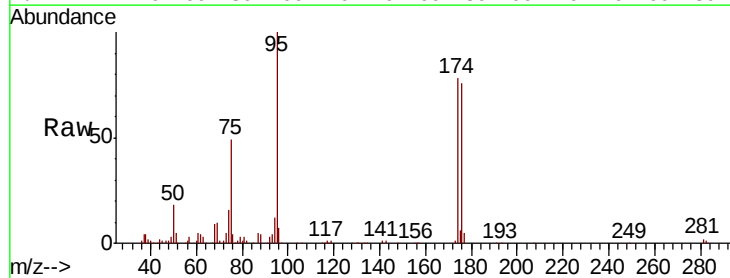
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



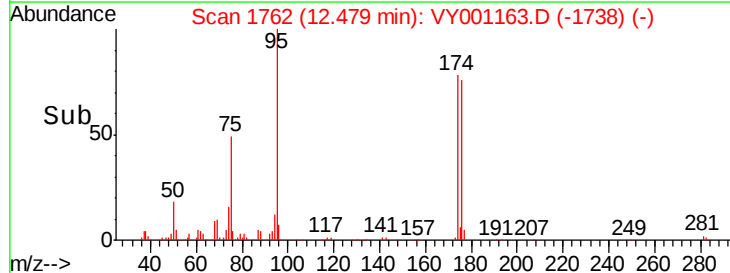
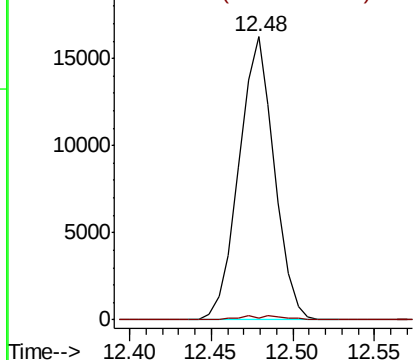
#76

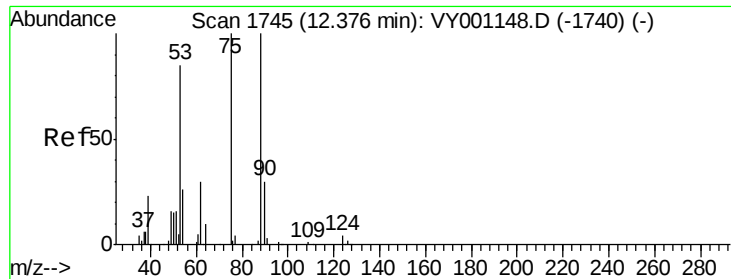
1,2,3-Trichloropropane
Concen: 48.340 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001163.D
Acq: 10 Jan 2020 21:24

Tgt Ion: 75 Resp: 24408
Ion Ratio Lower Upper
75 100
77 0.8 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: 81.974 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001163.D

Acq: 10 Jan 2020 21:24

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-104-0-2

Tot Ion: 75 Resp: 24408

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0

