

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001789.D
 Acq On : 26 Feb 2020 17:59
 Operator : SY/MD
 Sample : L1696-04
 Misc : 4.8G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 27 02:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	150373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	92762	57.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.70%	
35) Dibromofluoromethane	7.74	113	83462	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.19	98	343216	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.49	95	111552	45.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.02%	

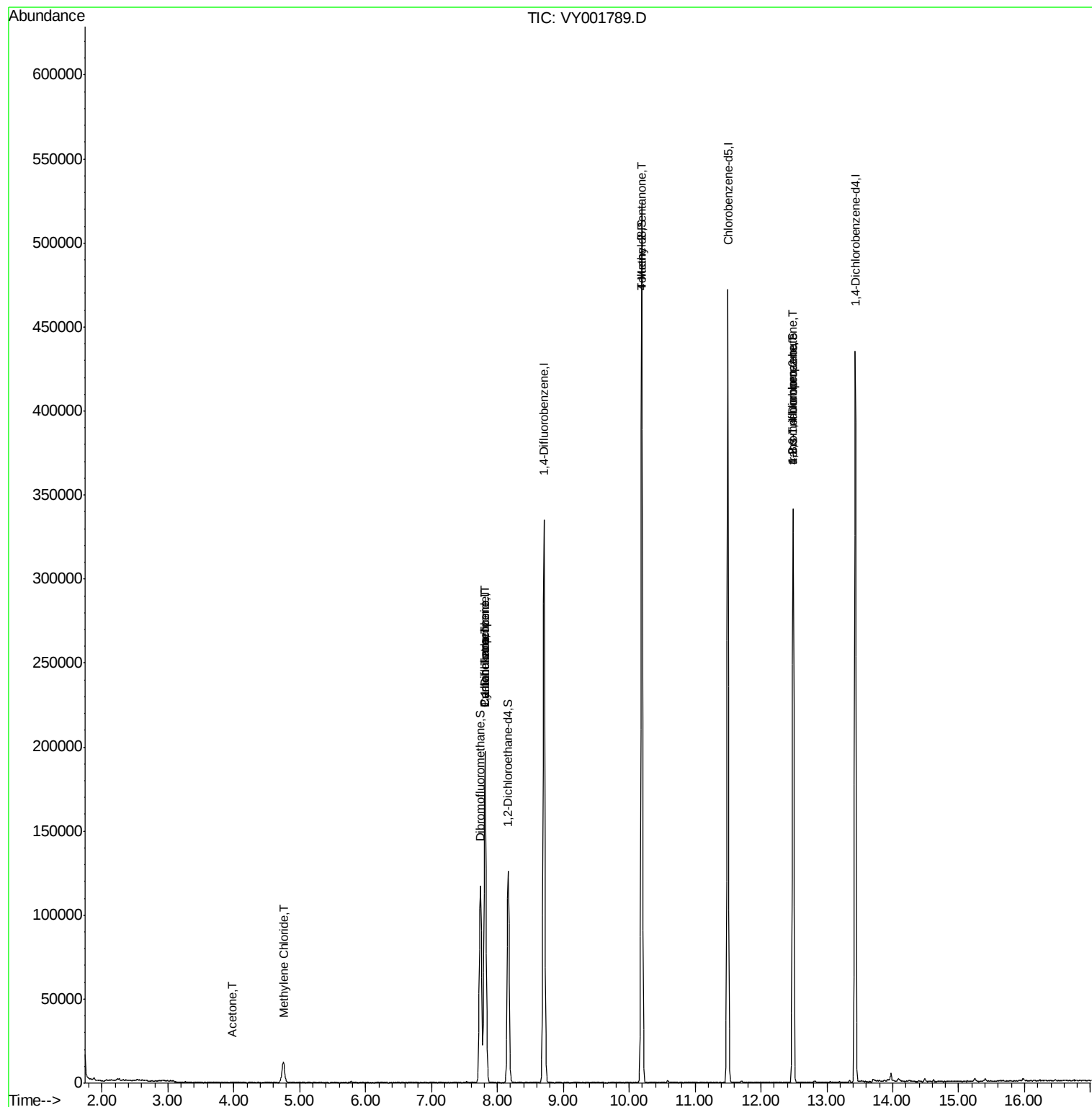
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	20	Below Cal	#	74
16) Acetone	3.97	43	576	1.029	ug/l #	41
20) Methylene Chloride	4.75	84	8685	4.369	ug/l	94
31) Cyclohexane	7.82	56	3424	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	12575	4.682	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15733	6.669	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1669	1.068	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	57170	47.232	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	57170	89.607	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
Data File : VY001789.D
Acq On : 26 Feb 2020 17:59
Operator : SY/MD
Sample : L1696-04
Misc : 4.8G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 27 02:26:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

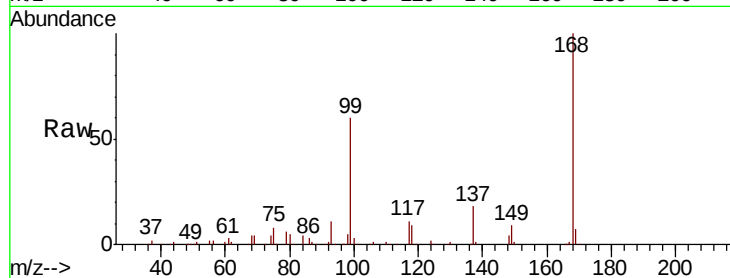
ClientSampleId :

Tot Ion:168 Resp: 150373

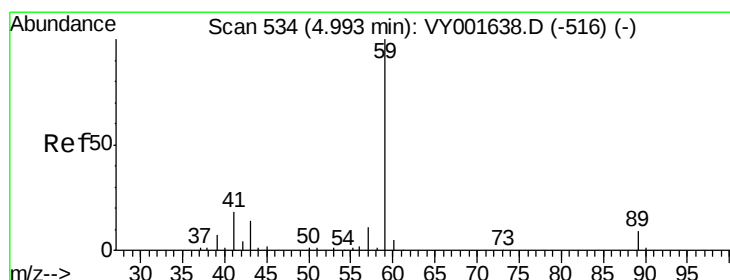
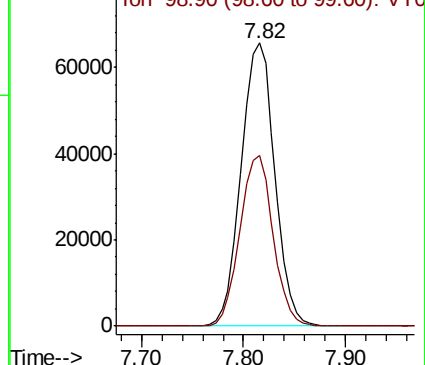
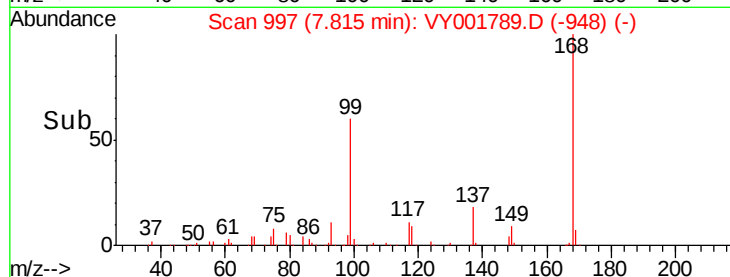
Ion Ratio Lower Upper

168 100

99 60.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001789.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001789.D

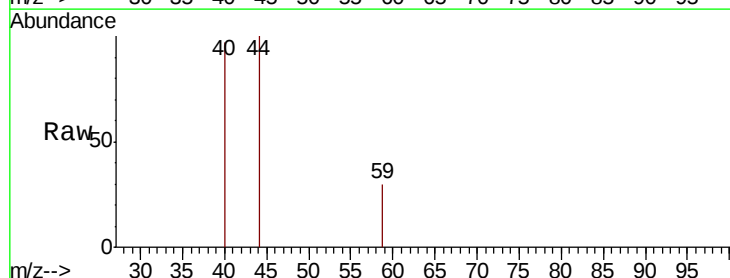
Acq: 26 Feb 2020 17:59

Tgt Ion: 59 Resp: 20

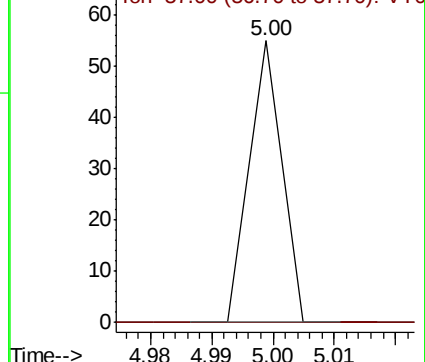
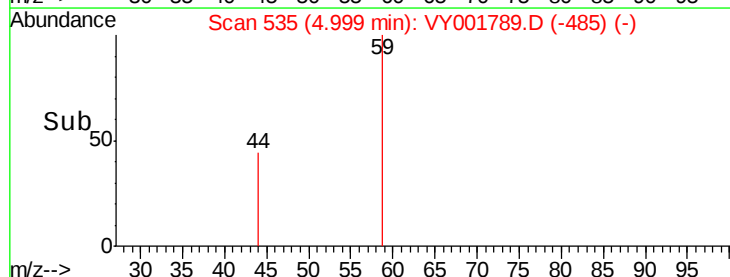
Ion Ratio Lower Upper

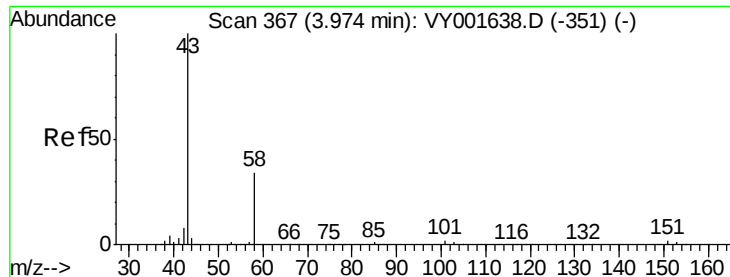
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001789.D (-485) (-)





#16

Acetone

Concen: 1.029 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

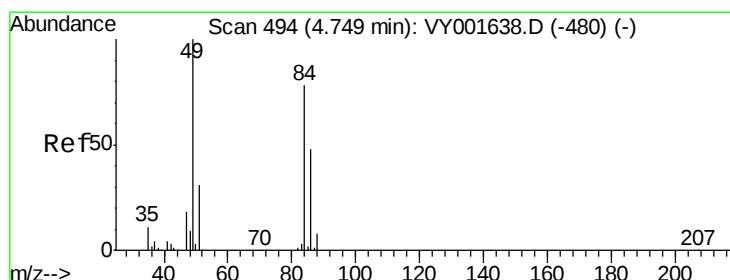
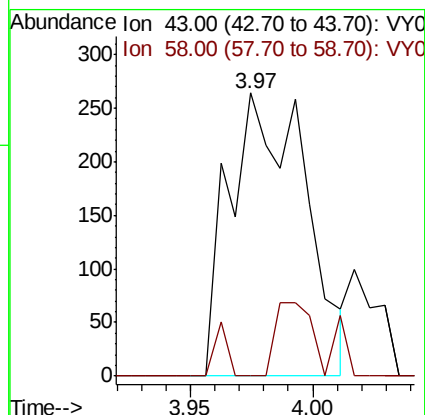
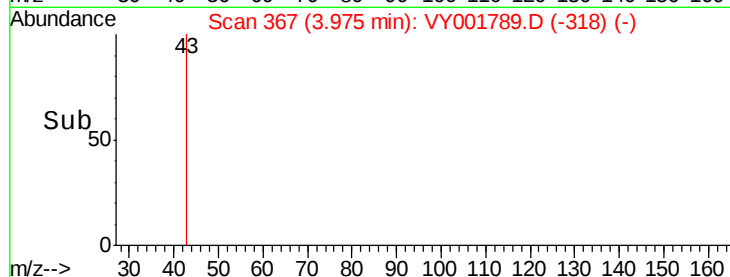
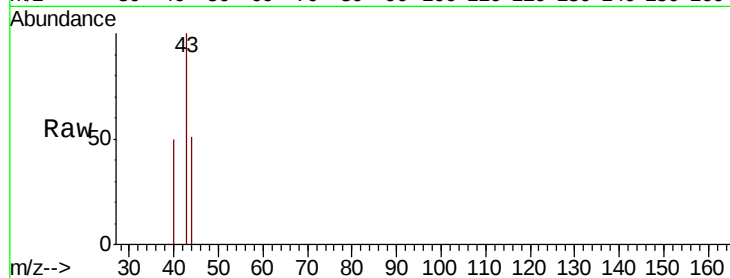
ClientSampled :

Tot Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

58 0.0 27.3 40.9#



#20

Methylene Chloride

Concen: 4.369 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Tgt Ion: 84 Resp: 8685

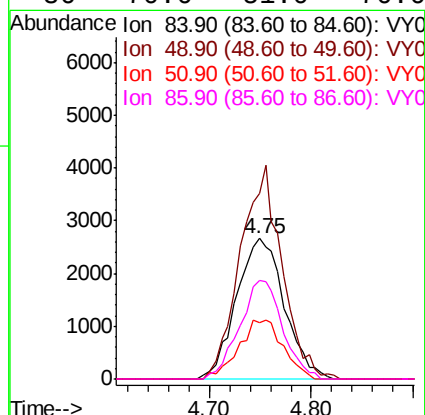
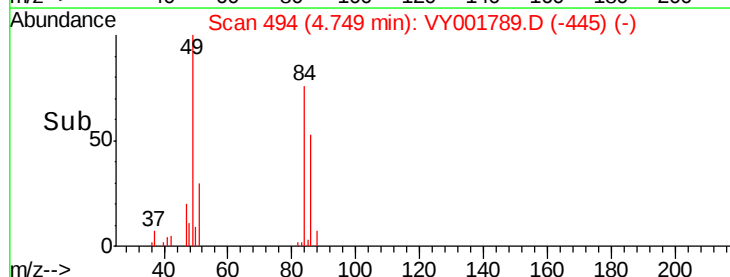
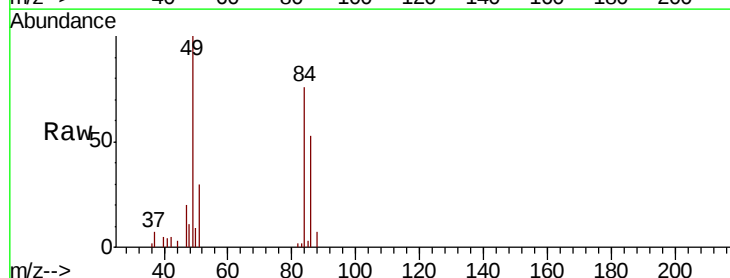
Ion Ratio Lower Upper

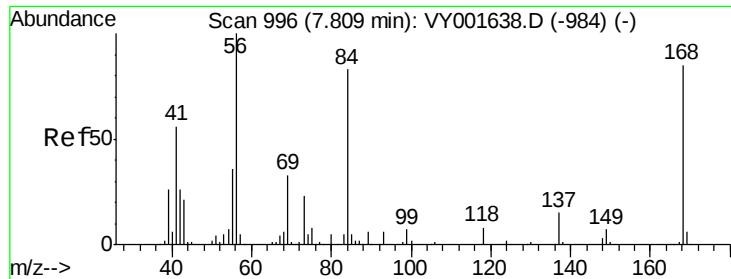
84 100

49 132.1 99.2 148.8

51 40.0 31.5 47.3

86 70.6 51.0 76.6

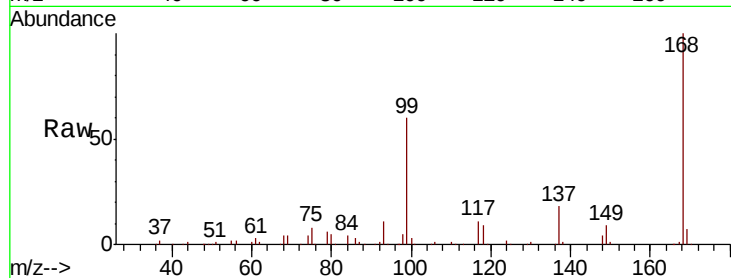




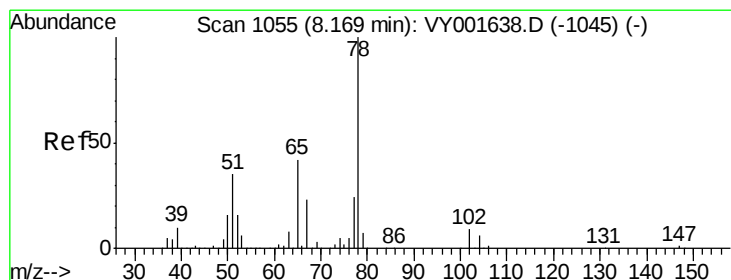
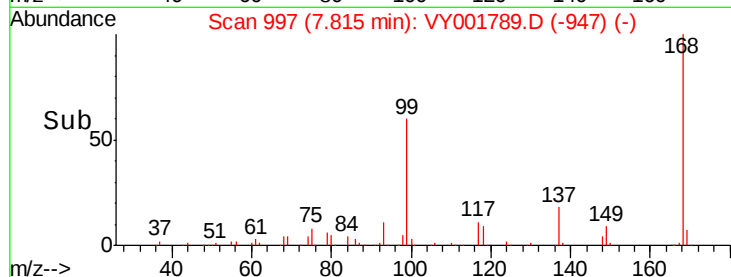
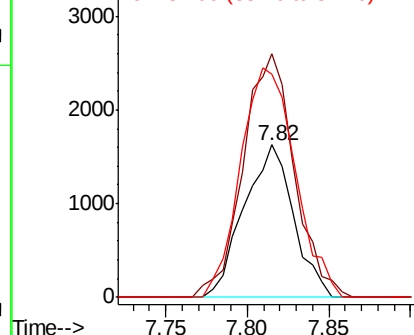
#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001789.D
Acq: 26 Feb 2020 17:59

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3424
Ion Ratio Lower Upper
56 100
69 159.8 25.1 37.7#
84 146.5 66.9 100.3#

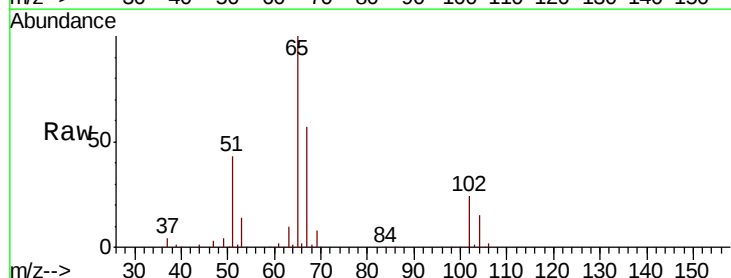


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

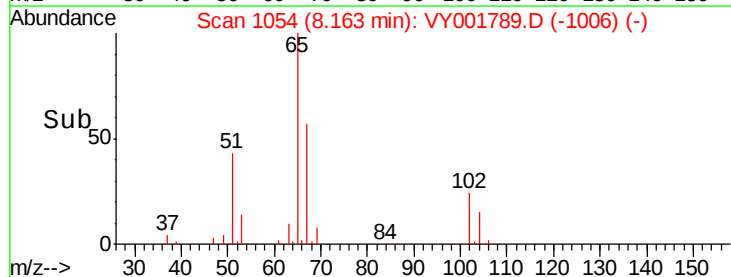
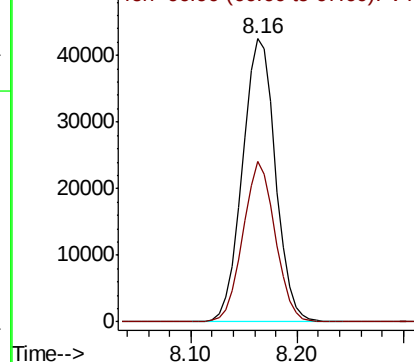


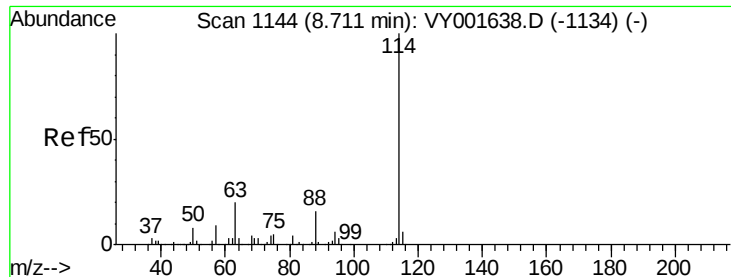
#33
1,2-Dichloroethane-d4
Concen: 57.350 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001789.D
Acq: 26 Feb 2020 17:59

Tgt Ion: 65 Resp: 92762
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.0



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

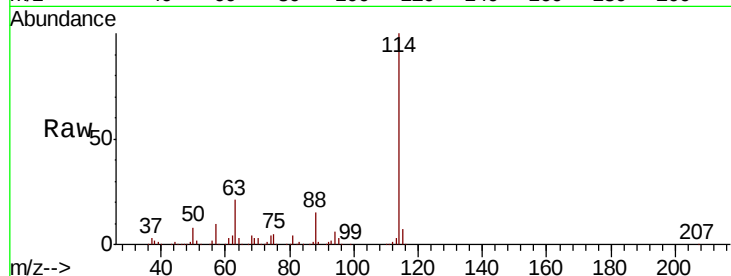




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001789.D
 Acq: 26 Feb 2020 17:59

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	15.4	0.0	32.8

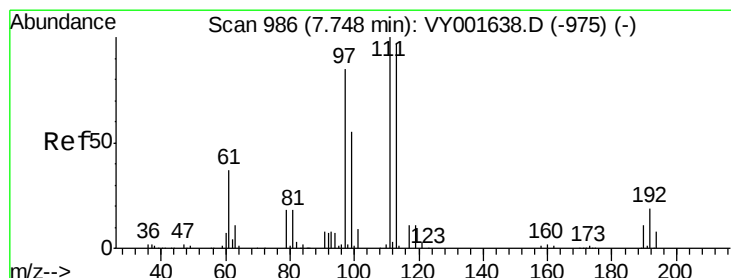
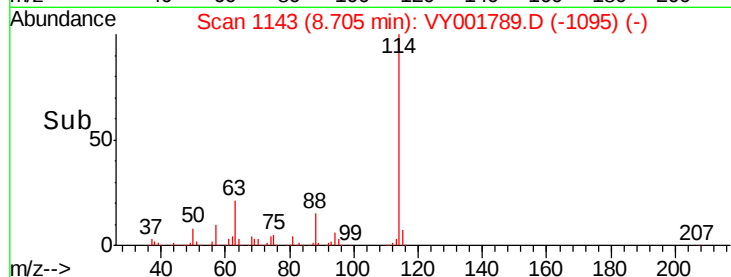
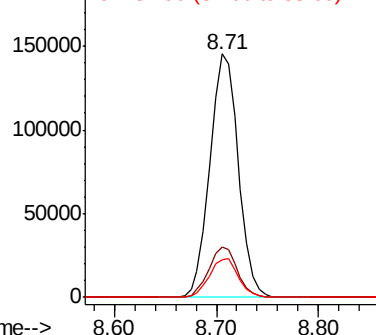


Abundance

Ion 113.90 (113.60 to 114.60): V

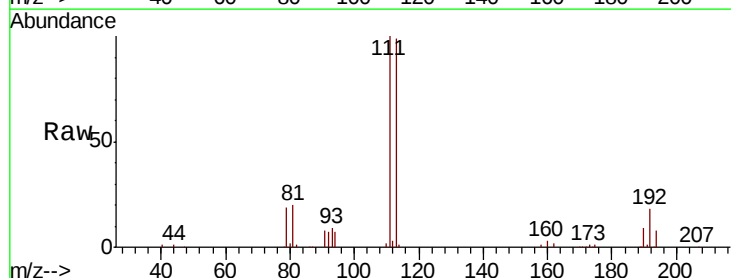
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 51.827 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001789.D
 Acq: 26 Feb 2020 17:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.2	14.3	21.5

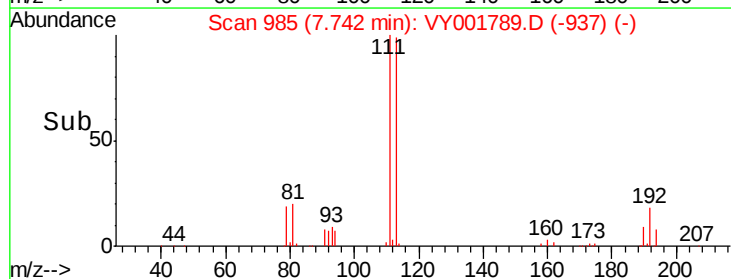
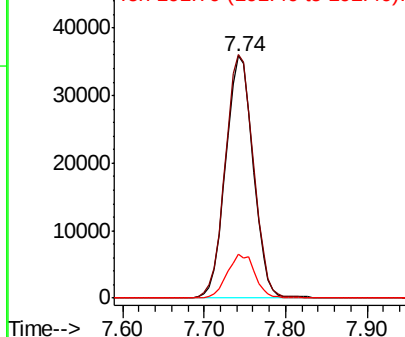


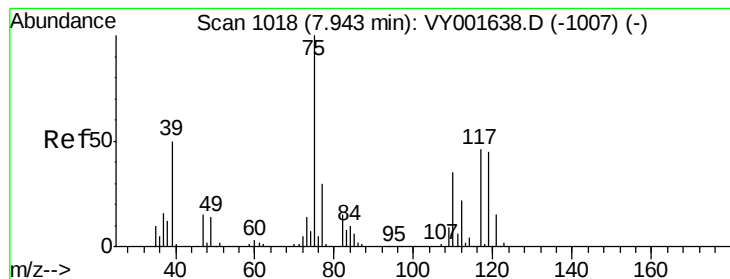
Abundance

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: 4.682 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

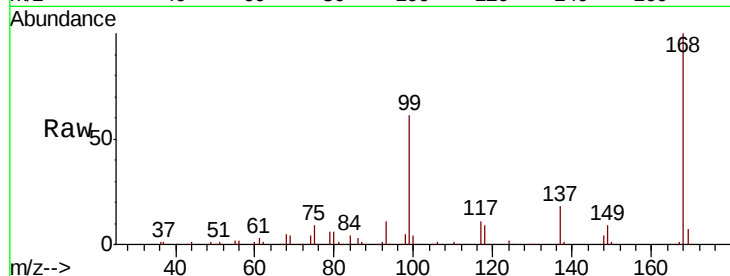
Tot Ion: 75 Resp: 12575

Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

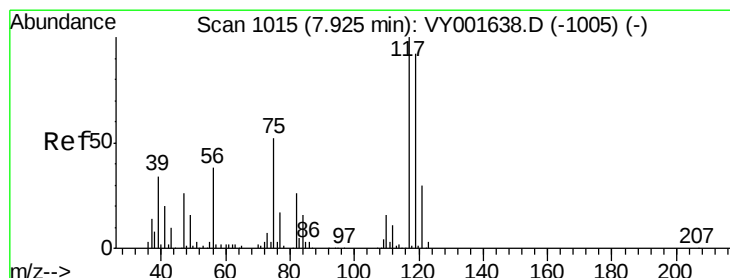
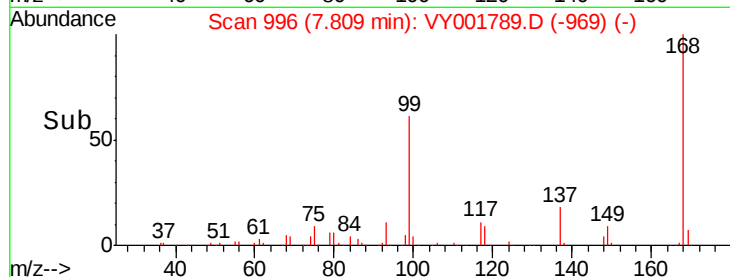
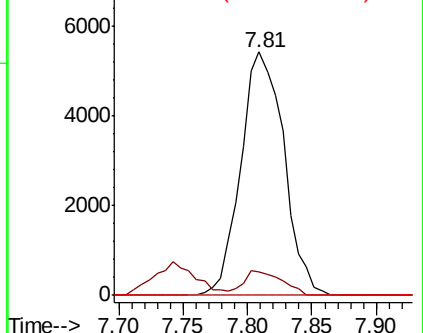
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY001638.D (-1007) (-)

Ion 109.90 (109.60 to 110.60): VY001638.D (-1007) (-)

Ion 76.90 (76.60 to 77.60): VY001638.D (-1007) (-)



#38

Carbon Tetrachloride

Concen: 6.669 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

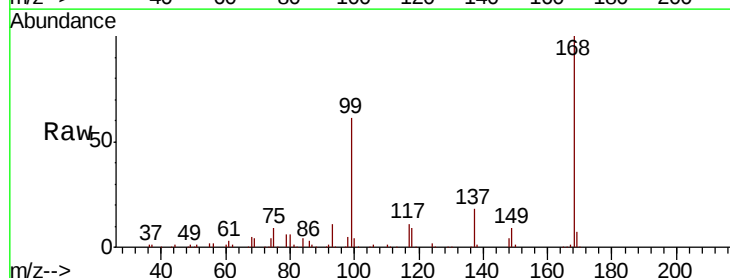
Tgt Ion: 117 Resp: 15733

Ion Ratio Lower Upper

117 100

119 4.2 74.8 112.2#

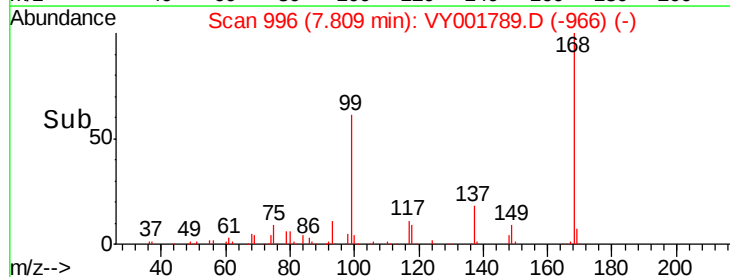
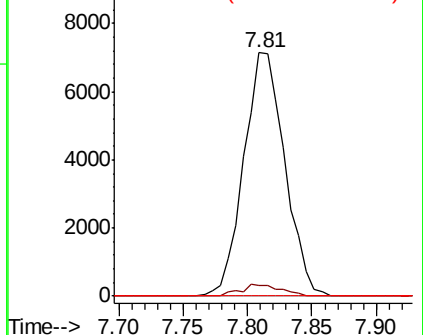
121 0.0 23.8 35.6#

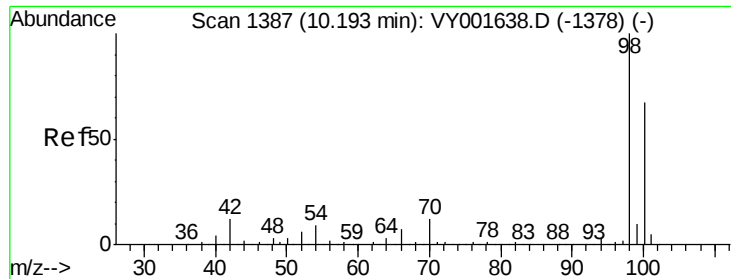


Abundance Ion 116.80 (116.50 to 117.50): VY001638.D (-1005) (-)

Ion 118.80 (118.50 to 119.50): VY001638.D (-1005) (-)

Ion 120.80 (120.50 to 121.50): VY001638.D (-1005) (-)





#50

Toluene-d8

Concen: 54.401 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

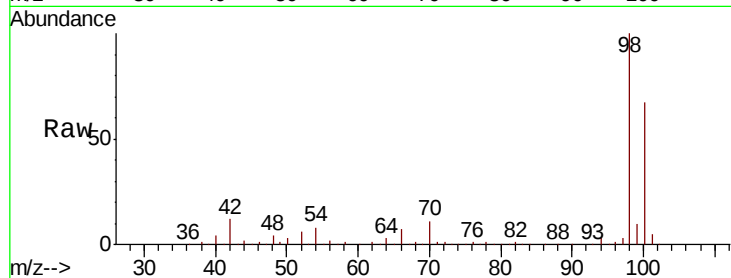
ClientSampleId :

Tot Ion: 98 Resp: 343216

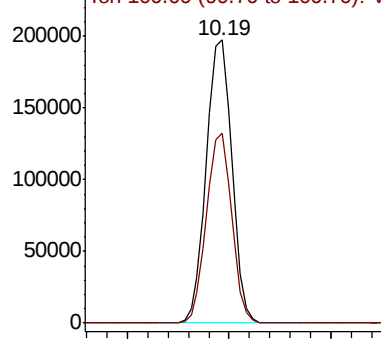
Ion Ratio Lower Upper

98 100

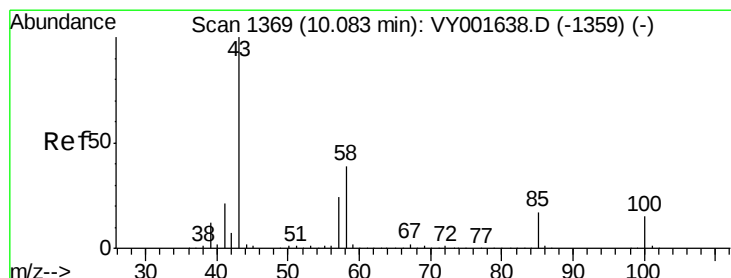
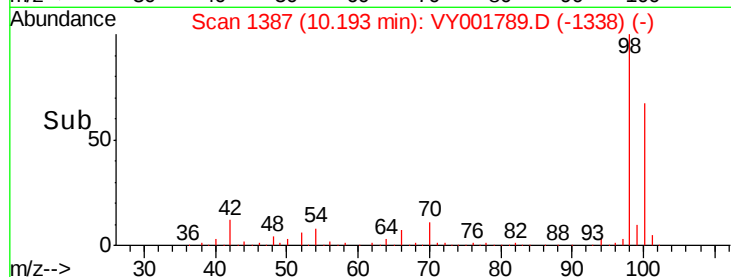
100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.068 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001789.D

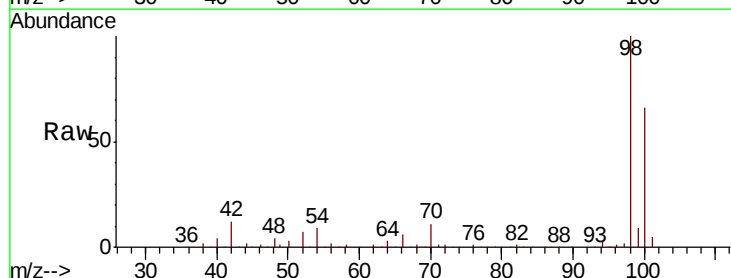
Acq: 26 Feb 2020 17:59

Tgt Ion: 43 Resp: 1669

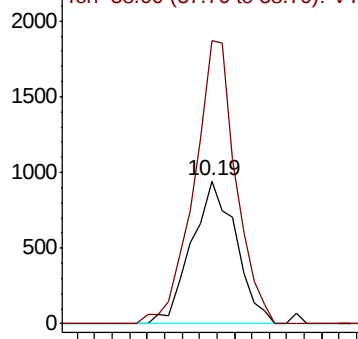
Ion Ratio Lower Upper

43 100

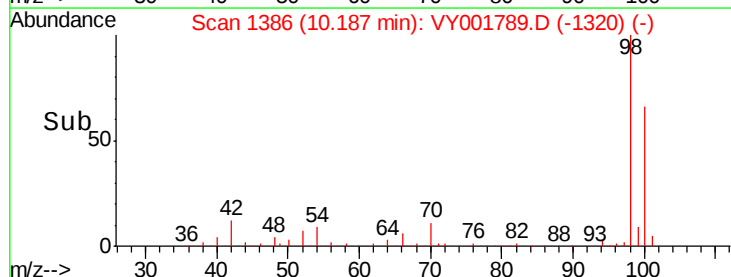
58 186.7 32.2 48.4#

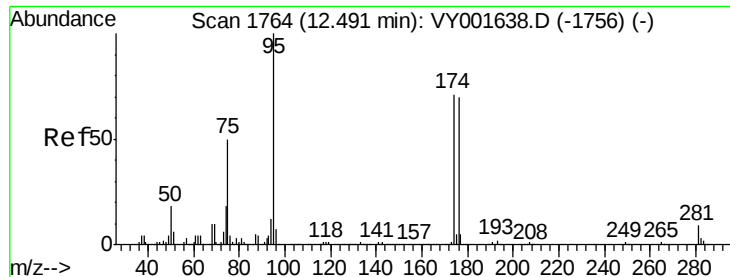


Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1359) (-)



Time-->

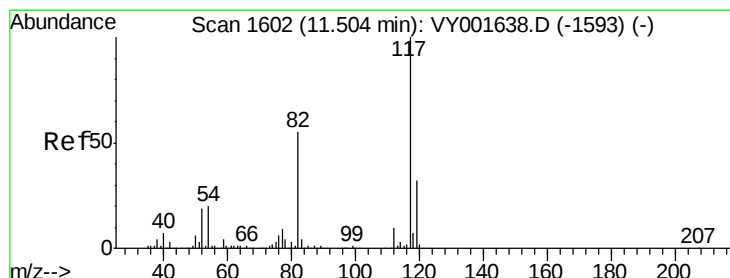
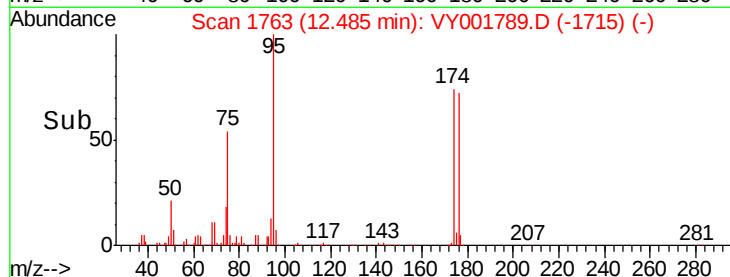
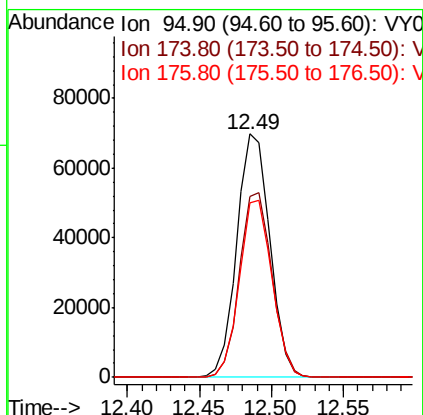
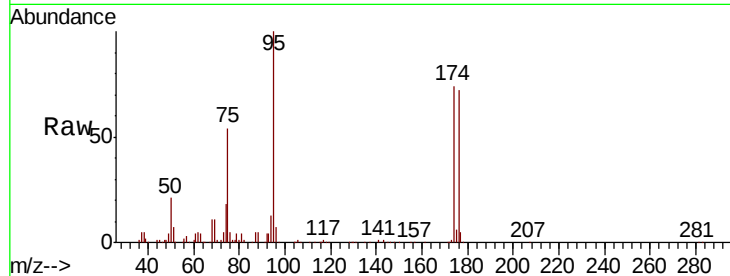




#62
4-Bromofluorobenzene
Concen: 45.513 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001789.D
Acq: 26 Feb 2020 17:59

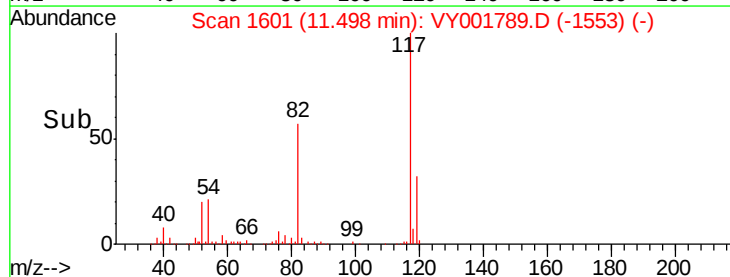
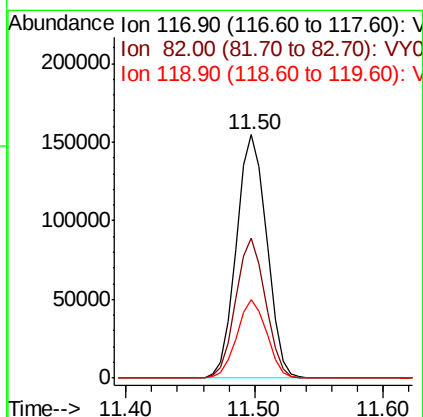
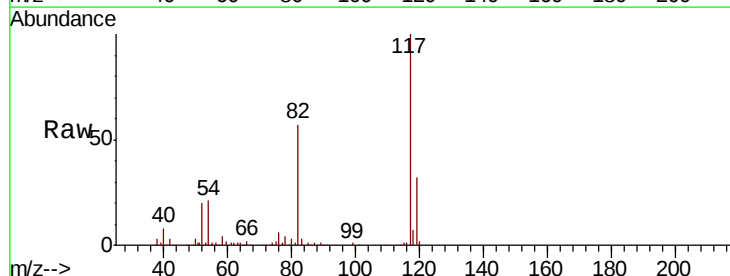
Instrument :
MSVOA_Y
ClientSampleId :

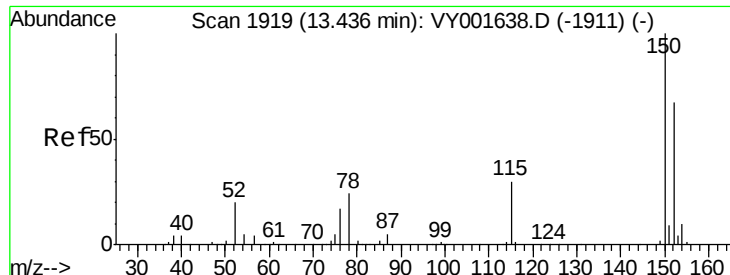
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	138.4
176	71.5	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001789.D
Acq: 26 Feb 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.5	68.3
119	32.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

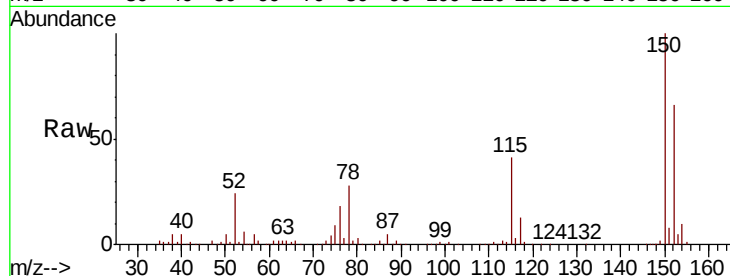
Tot Ion:152 Resp: 105516

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

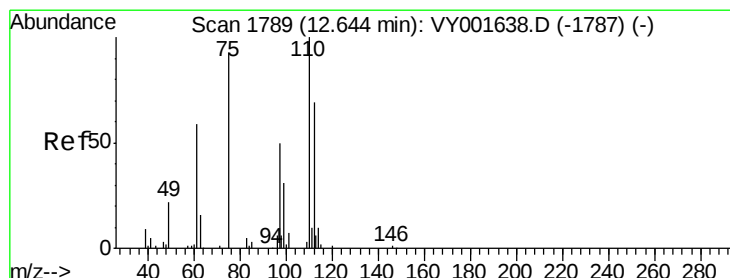
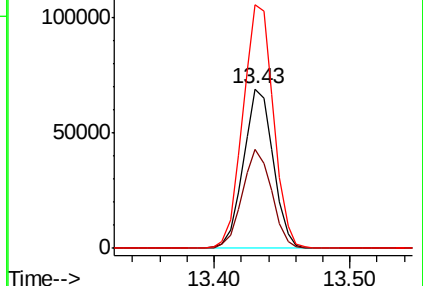
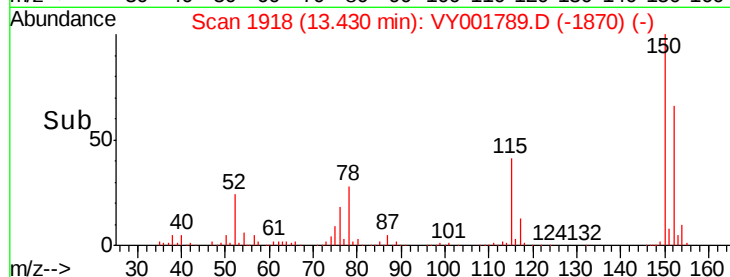
150 156.6 0.0 407.2



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: 47.232 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY001789.D

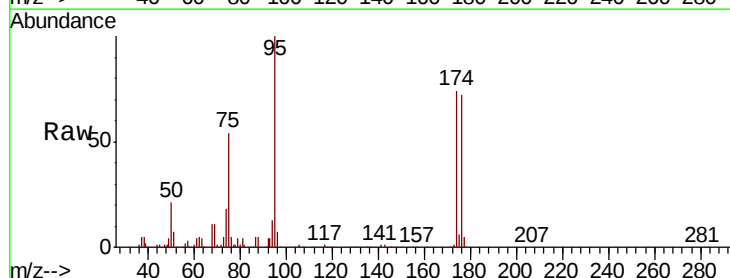
Acq: 26 Feb 2020 17:59

Tgt Ion: 75 Resp: 57170

Ion Ratio Lower Upper

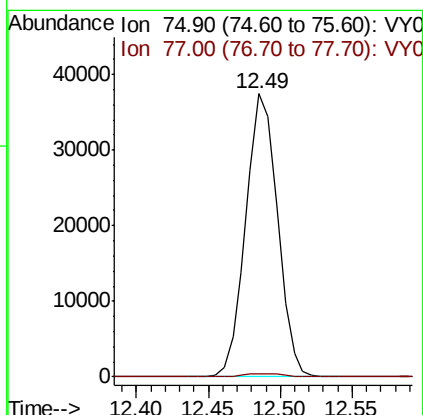
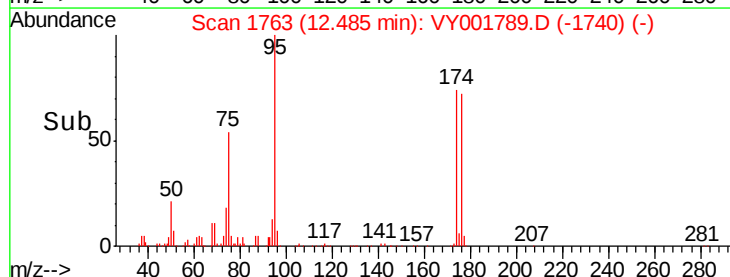
75 100

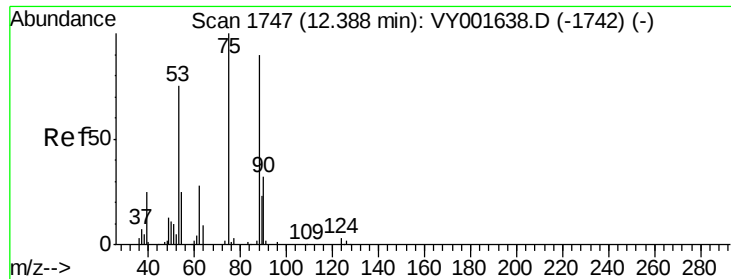
77 1.3 0.0 0.0#



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: 89.607 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 57170

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

