

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002169.D
 Acq On : 01 Apr 2020 17:33
 Operator : SY/MD
 Sample : L2129-01
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

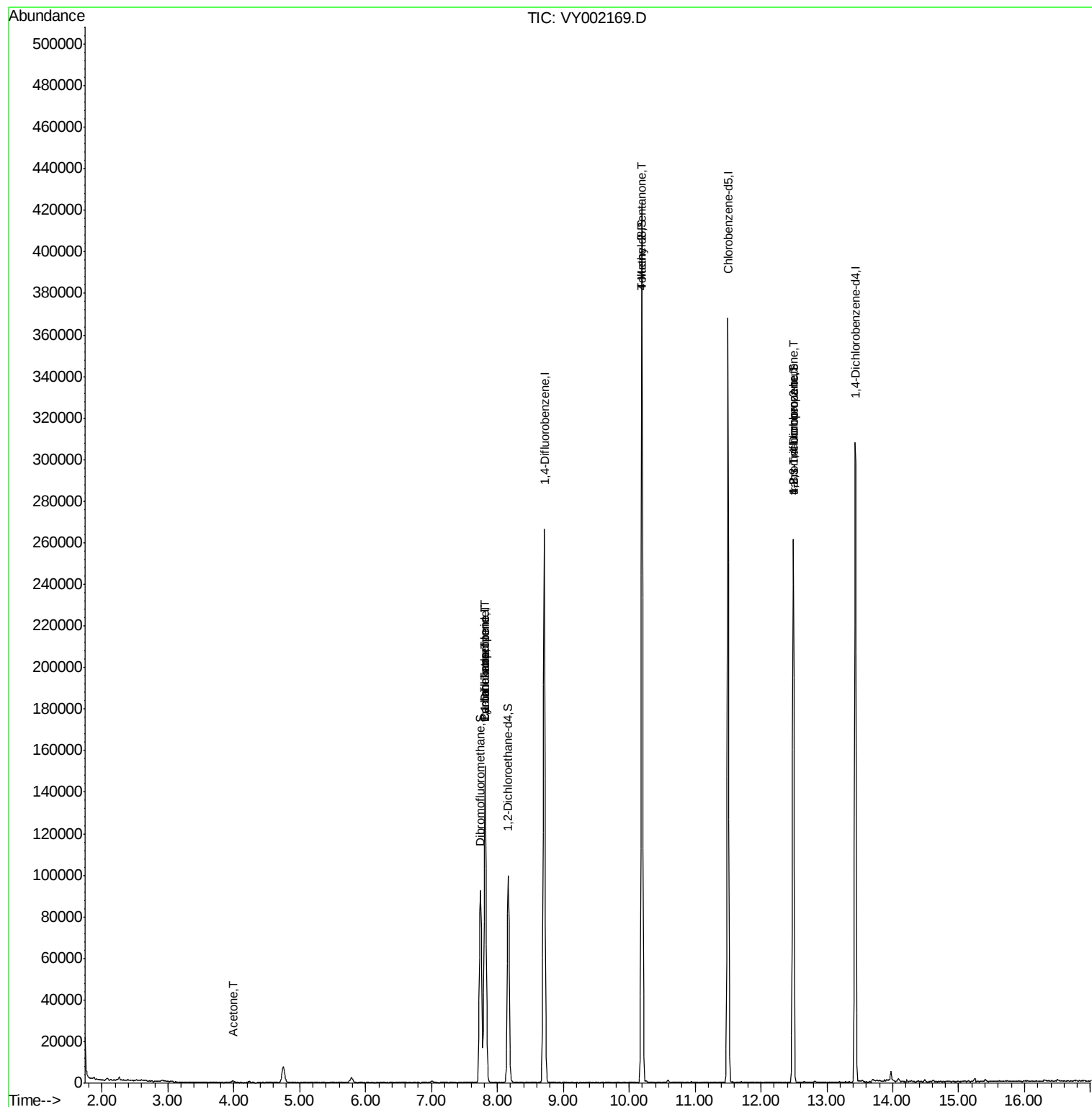
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	113188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	223930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	199683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	75917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	71908	57.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.94%	
35) Dibromofluoromethane	7.74	113	66473	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.19	98	271781	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.49	95	84464	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	55	Below Cal	#	43
16) Acetone	3.98	43	1290	3.670	ug/l	97
20) Methylene Chloride	4.75	84	5675	Below Cal	#	86
31) Cyclohexane	7.81	56	2631	1.009	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	9575	4.521	ug/l #	49
38) Carbon Tetrachloride	7.82	117	11103	6.179	ug/l #	19
51) 4-Methyl-2-Pentanone	10.20	43	1274	1.041	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	43482	51.203	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	43482	99.199	ug/l #	17

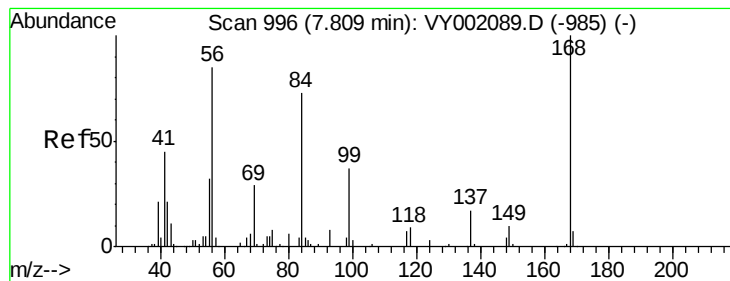
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 02 06:24:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

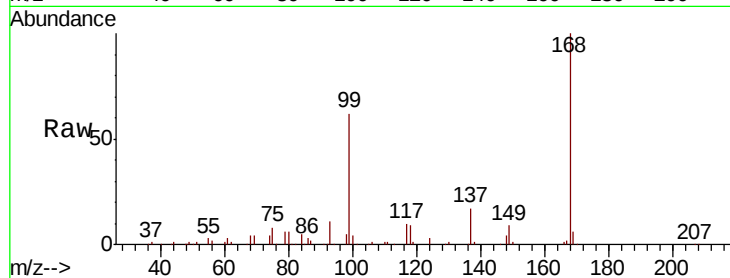
ClientSampleId :

Tot Ion:168 Resp: 113188

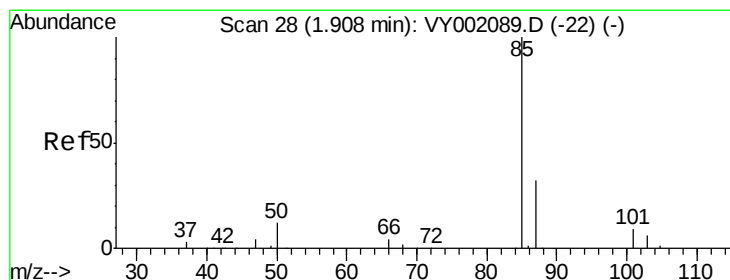
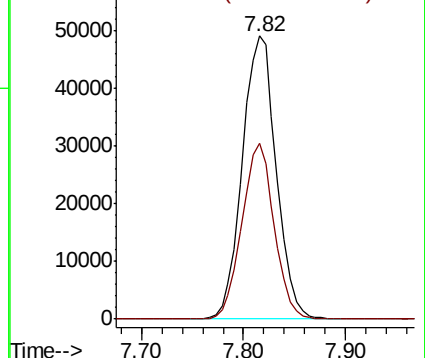
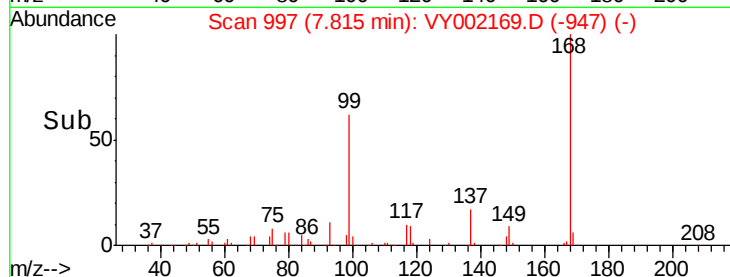
Ion Ratio Lower Upper

168 100

99 62.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002169.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002169.D

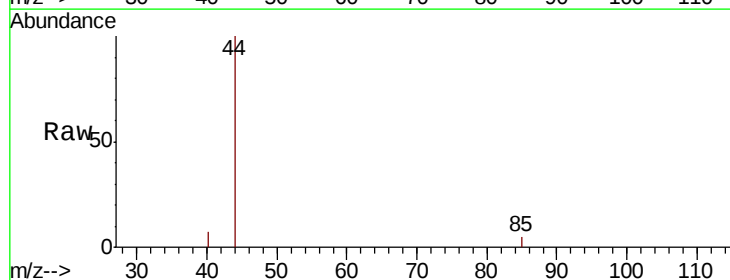
Acq: 01 Apr 2020 17:33

Tgt Ion: 85 Resp: 55

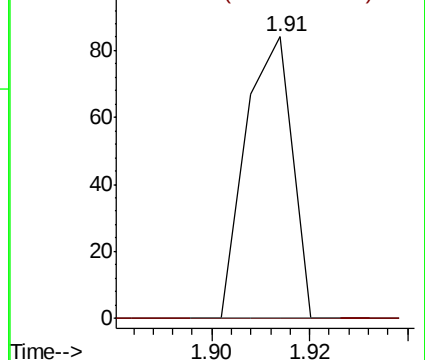
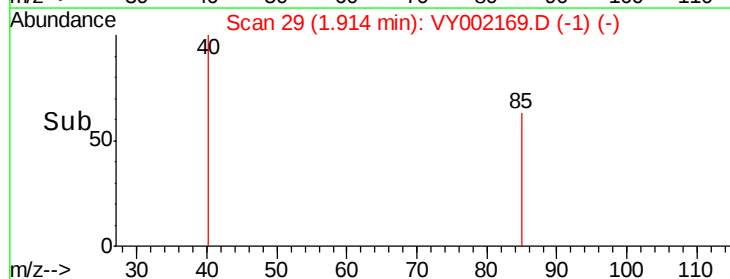
Ion Ratio Lower Upper

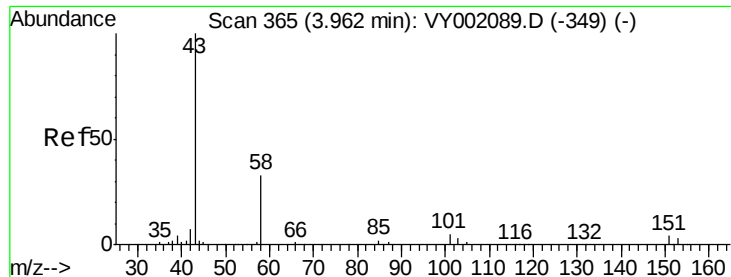
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002169.D (-1) (-)





#16

Acetone

Concen: 3.670 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

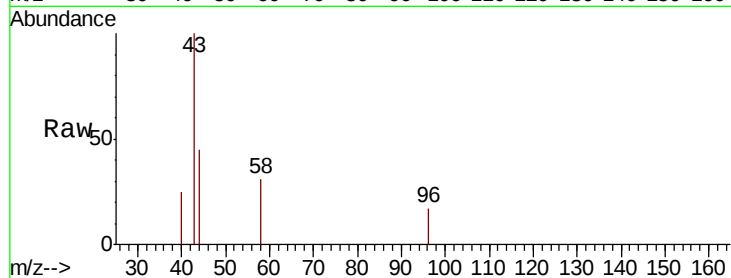
ClientSampleId :

Tot Ion: 43 Resp: 1290

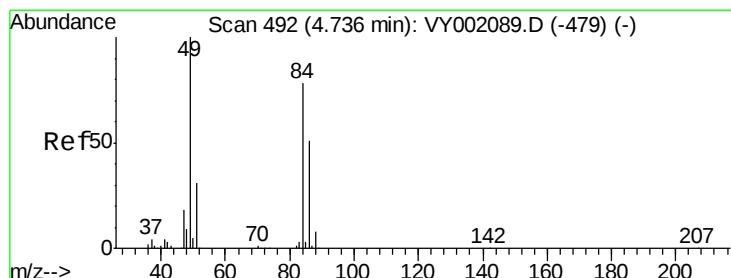
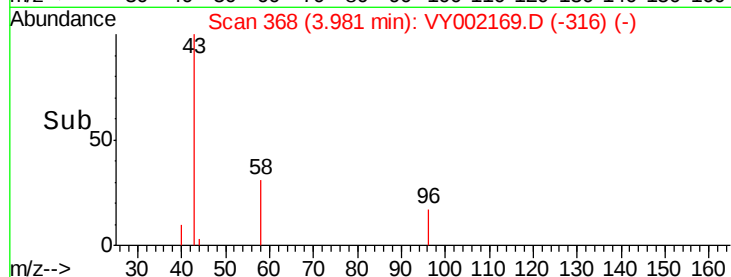
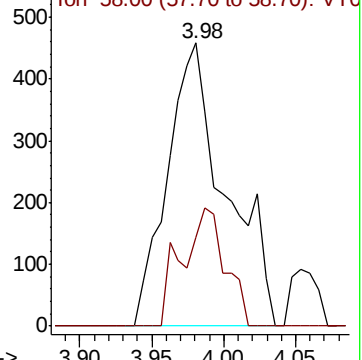
Ion Ratio Lower Upper

43 100

58 31.4 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-349) (-)



#20

Methylene Chloride

Concen: Below Cal

RT: 4.75 min Scan# 495

Delta R.T. 0.02 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Tgt Ion: 84 Resp: 5675

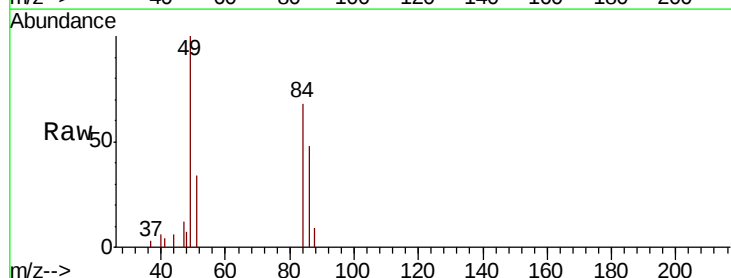
Ion Ratio Lower Upper

84 100

49 147.0 102.2 153.4

51 50.1 31.2 46.8#

86 70.0 52.6 78.8

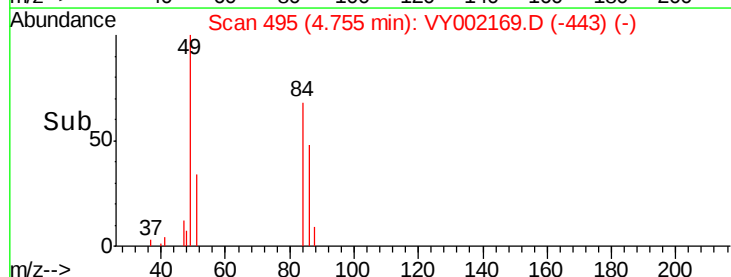
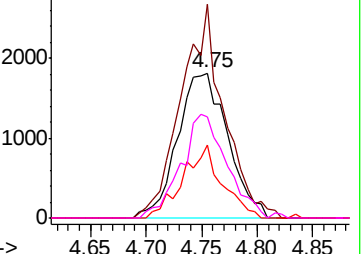


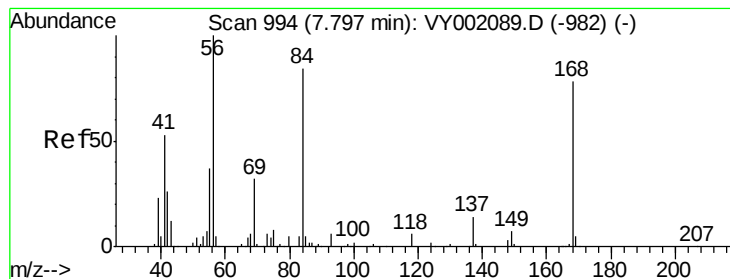
Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002089.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002089.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002089.D (-479) (-)





#31

Cyclohexane

Concen: 1.009 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :
MSVOA_Y
ClientSampled :

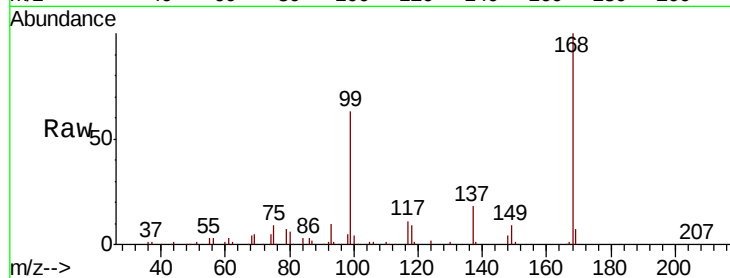
Tot Ion: 56 Resp: 2631

Ion Ratio Lower Upper

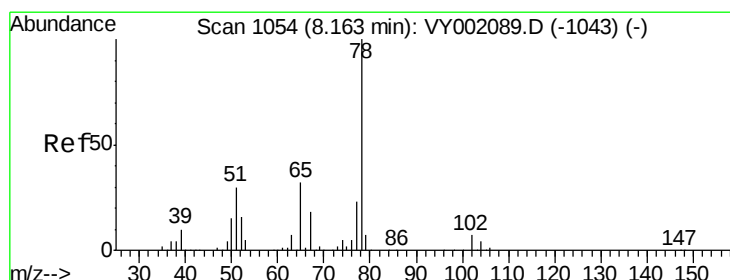
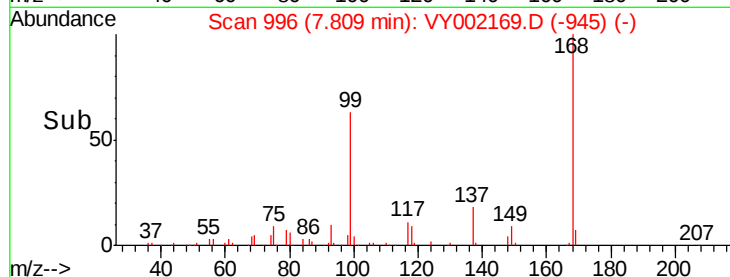
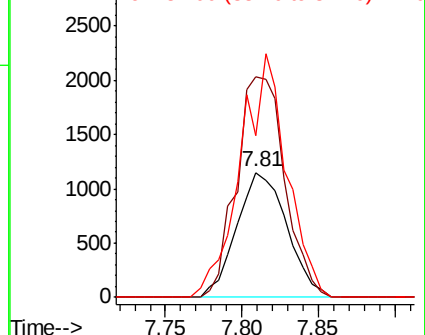
56 100

69 176.6 25.8 38.8#

84 129.3 67.1 100.7#



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: 57.468 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002169.D

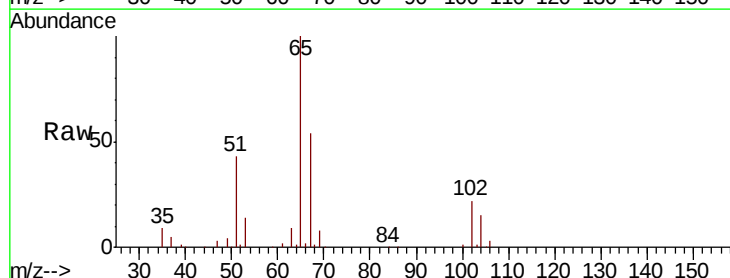
Acq: 01 Apr 2020 17:33

Tgt Ion: 65 Resp: 71908

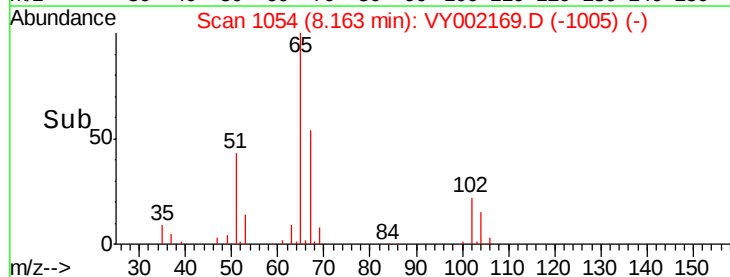
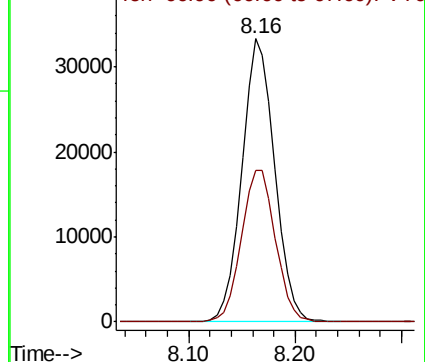
Ion Ratio Lower Upper

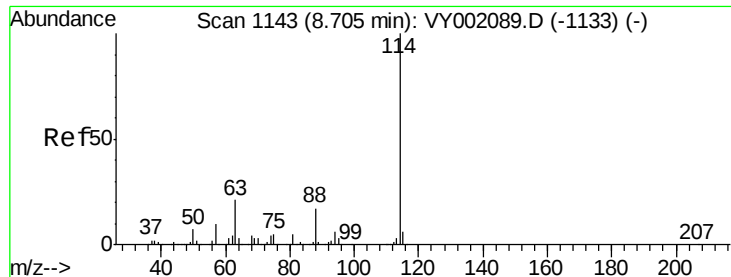
65 100

67 55.6 0.0 112.8



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

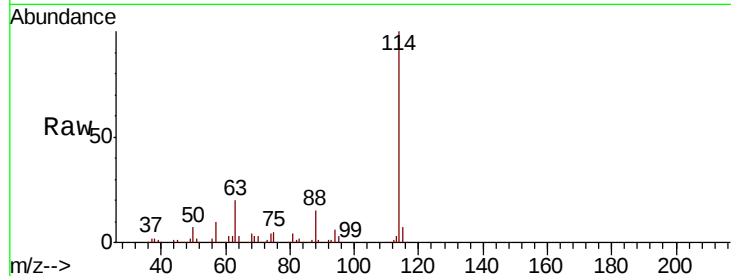




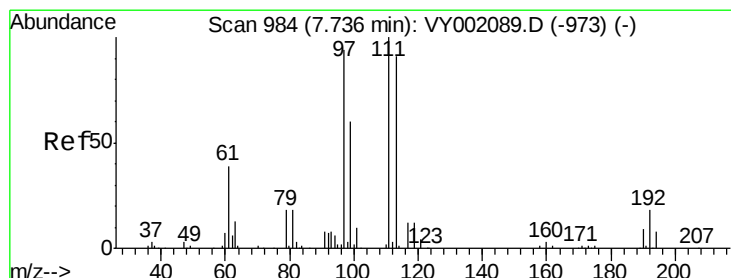
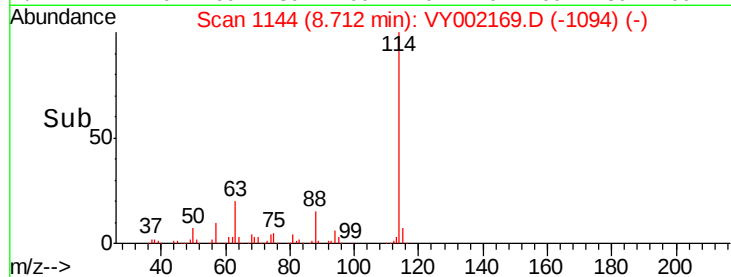
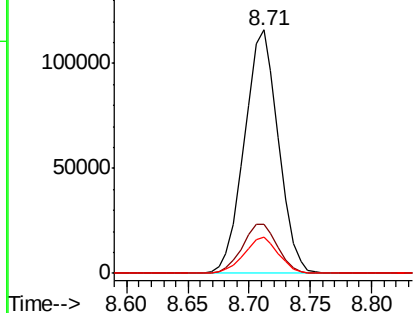
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002169.D
 Acq: 01 Apr 2020 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	14.9	0.0	33.0

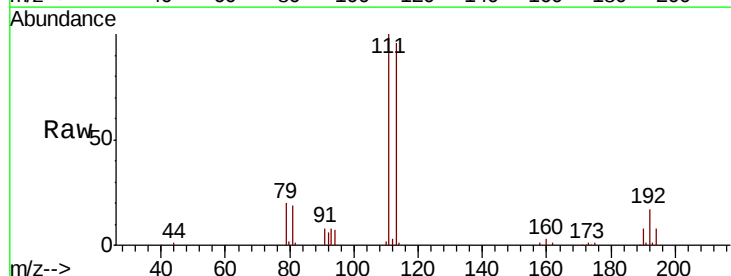


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

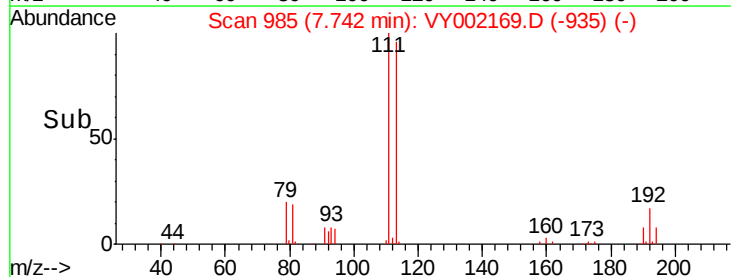
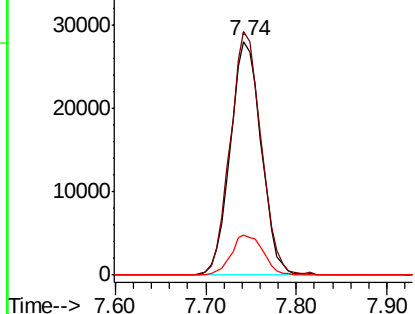


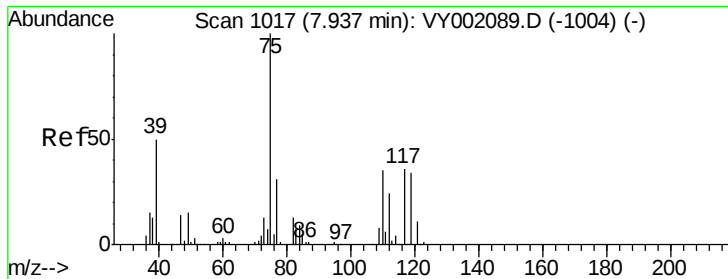
#35
 Dibromofluoromethane
 Concen: 52.979 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002169.D
 Acq: 01 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.4	126.6
192	17.7	14.6	21.8



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

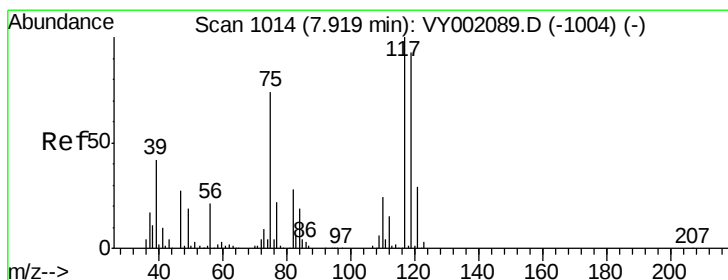
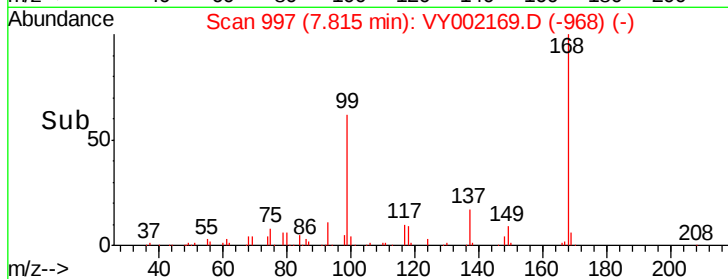
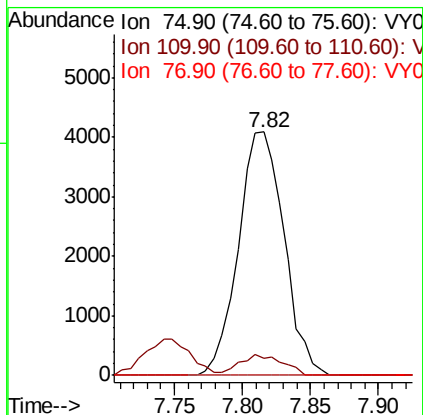
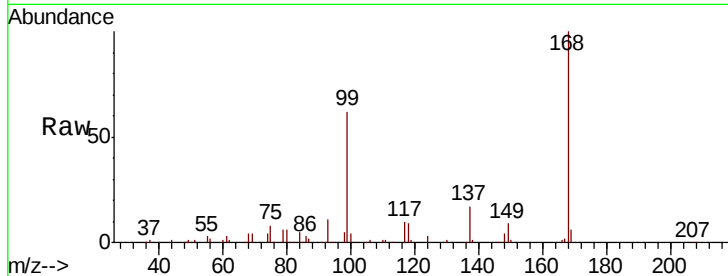




#36
 1,1-Dichloropropene
 Concen: 4.521 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002169.D
 Acq: 01 Apr 2020 17:33

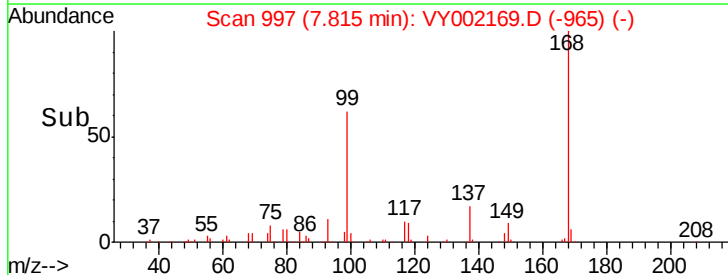
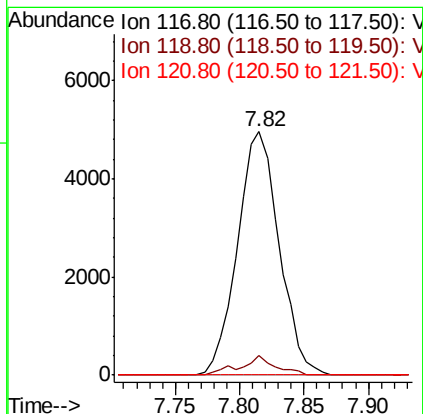
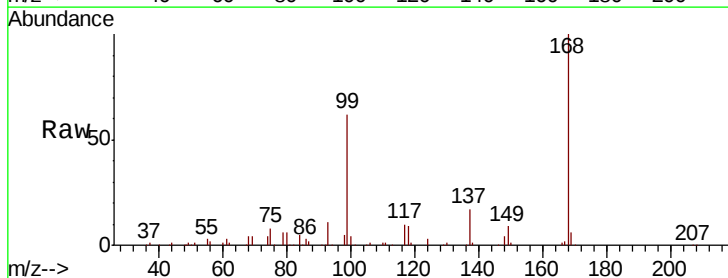
Instrument :
 MSVOA_Y
 ClientSampled :

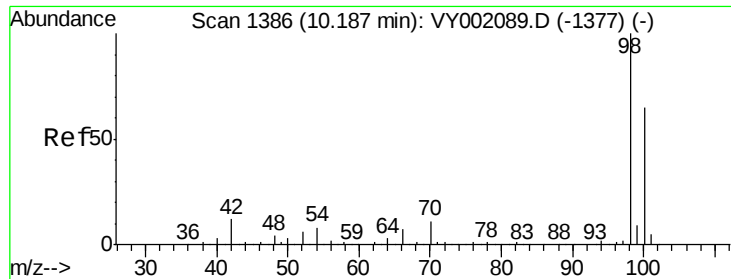
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.179 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002169.D
 Acq: 01 Apr 2020 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.9	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.141 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

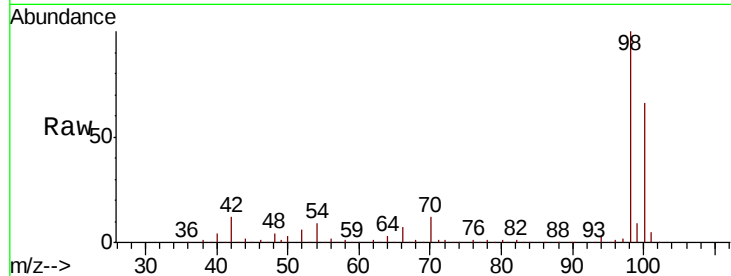
ClientSampleId :

Tot Ion: 98 Resp: 271781

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.19

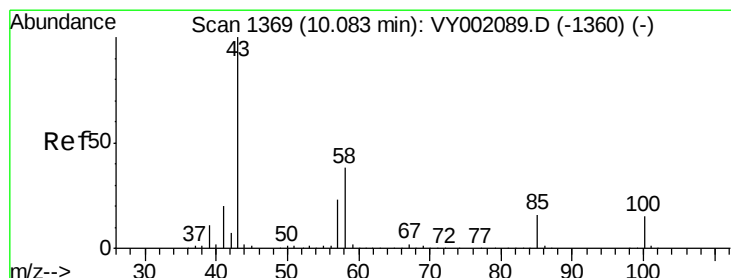
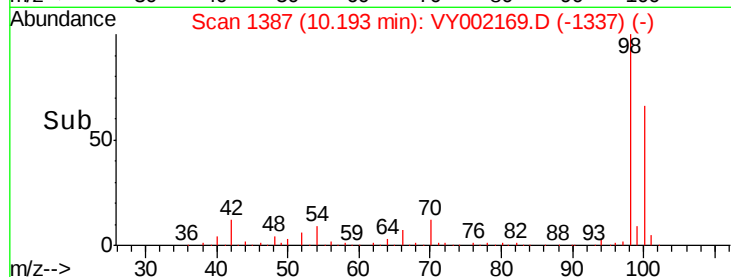
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.041 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.12 min

Lab File: VY002169.D

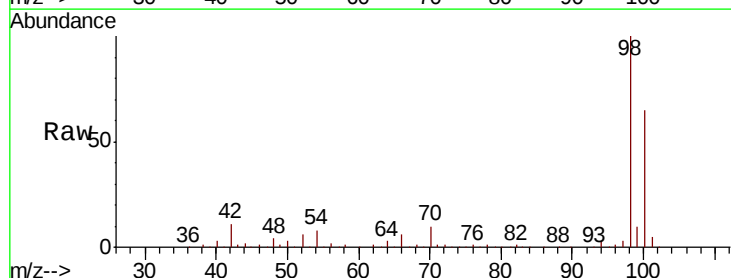
Acq: 01 Apr 2020 17:33

Tgt Ion: 43 Resp: 1274

Ion Ratio Lower Upper

43 100

58 182.3 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY002089.D (-1360) (-)

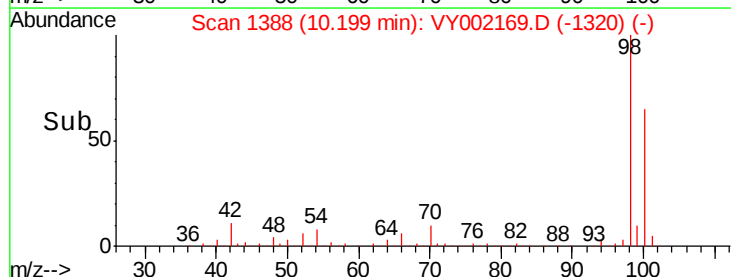
1500

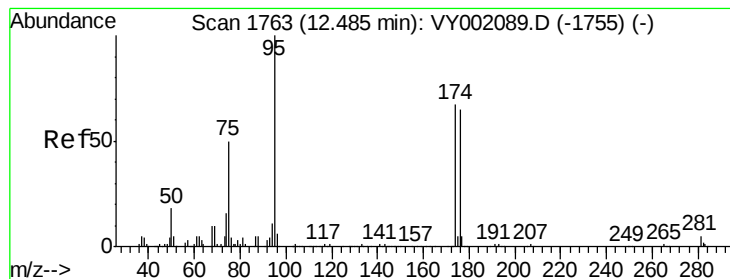
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.334 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

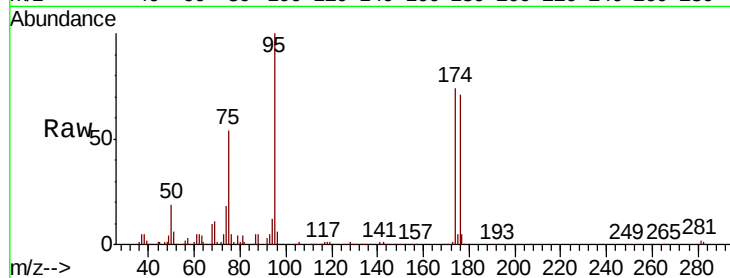
Tot Ion: 95 Resp: 84464

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

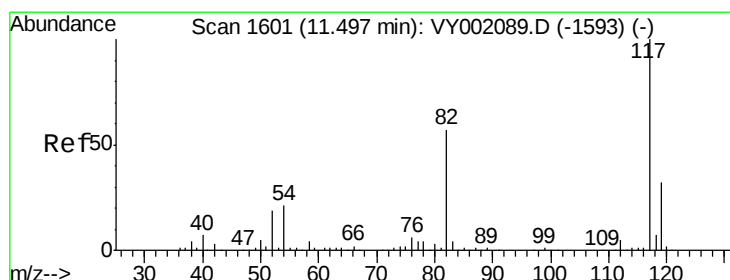
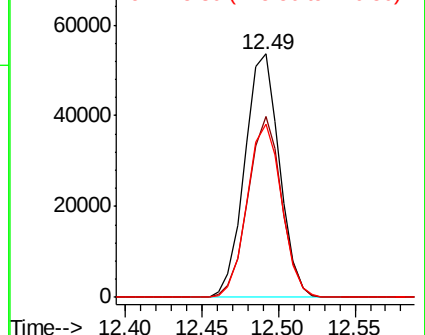
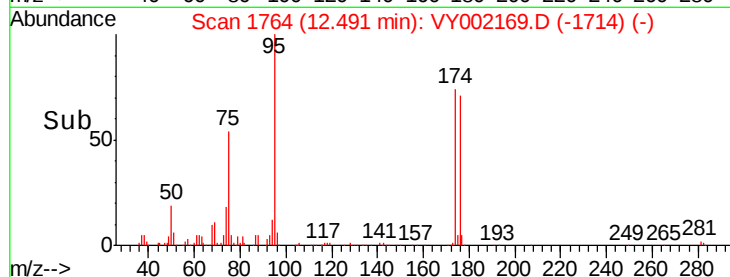
176 71.1 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002169.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002169.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002169.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

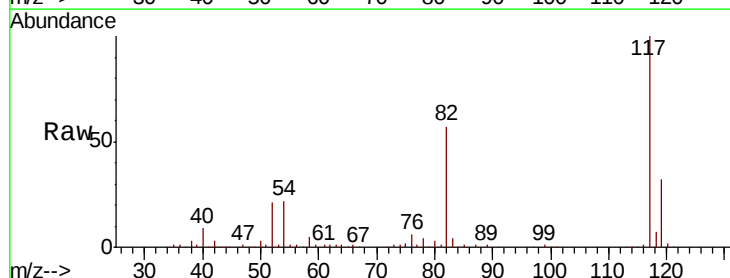
Tgt Ion: 117 Resp: 199683

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.2

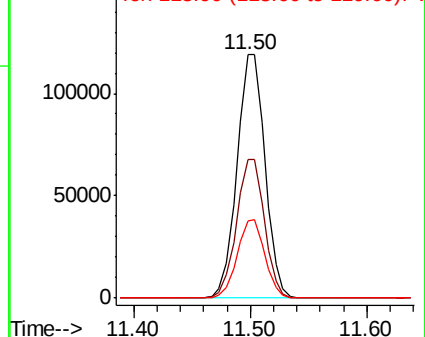
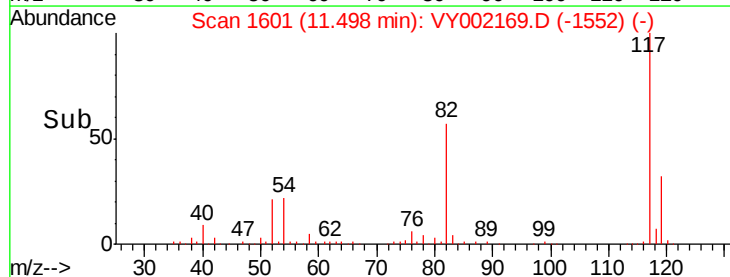
119 31.7 25.3 37.9

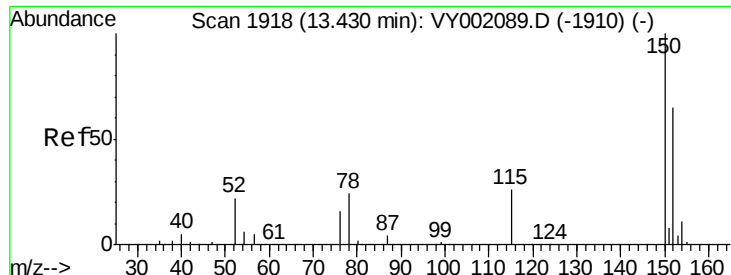


Abundance Ion 116.90 (116.60 to 117.60): VY002169.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY002169.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY002169.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002169.D

Acq: 01 Apr 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

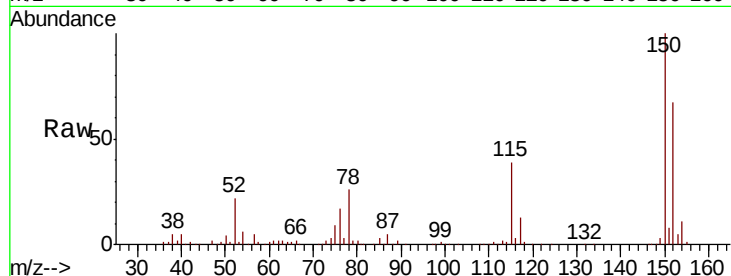
Tot Ion:152 Resp: 75917

Ion Ratio Lower Upper

152 100

115 62.1 31.2 93.6

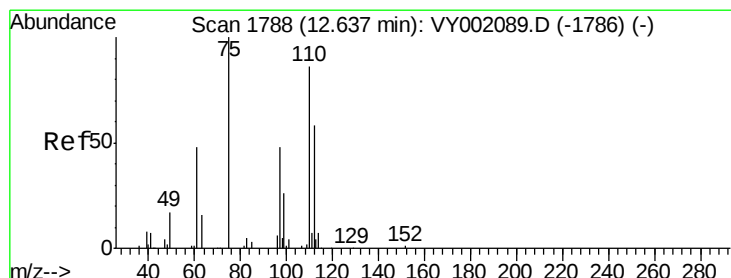
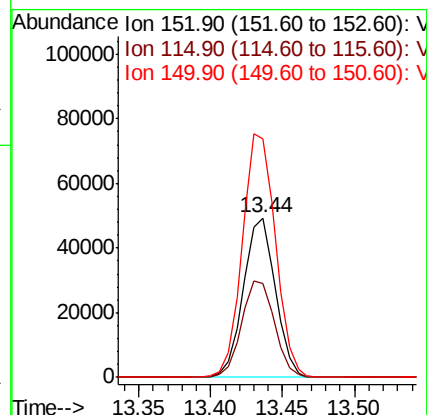
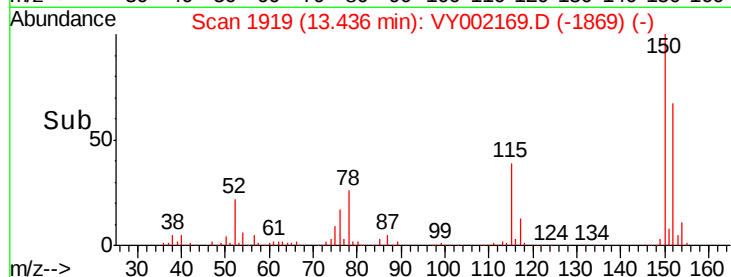
150 157.9 0.0 354.8



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: 51.203 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002169.D

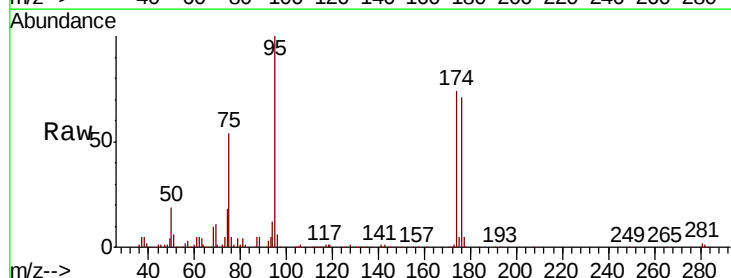
Acq: 01 Apr 2020 17:33

Tgt Ion: 75 Resp: 43482

Ion Ratio Lower Upper

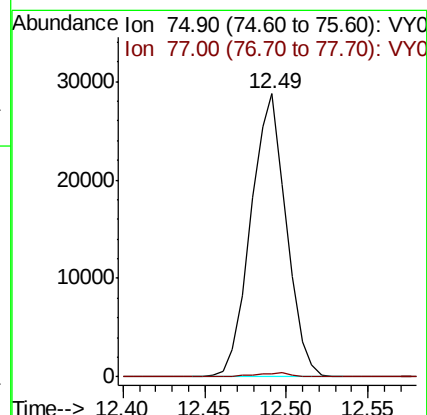
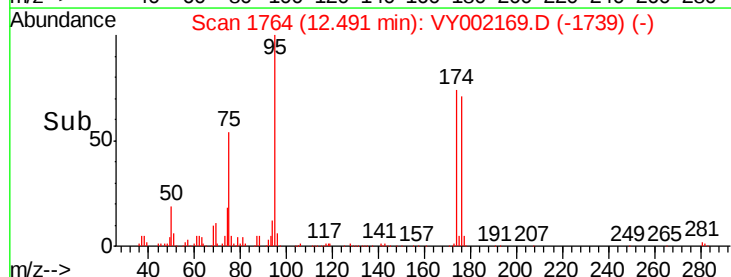
75 100

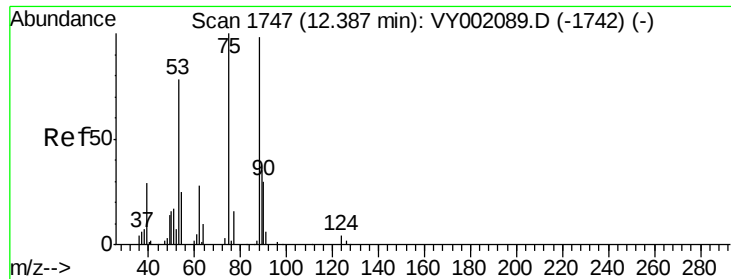
77 1.4 0.0 0.0#



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: 99.199 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002169.D
 Acq: 01 Apr 2020 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.4#
89	0.0	33.4	50.0#

