

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002195.D
 Acq On : 02 Apr 2020 16:21
 Operator : SY/MD
 Sample : L2129-11
 Misc : 8.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:16:45 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

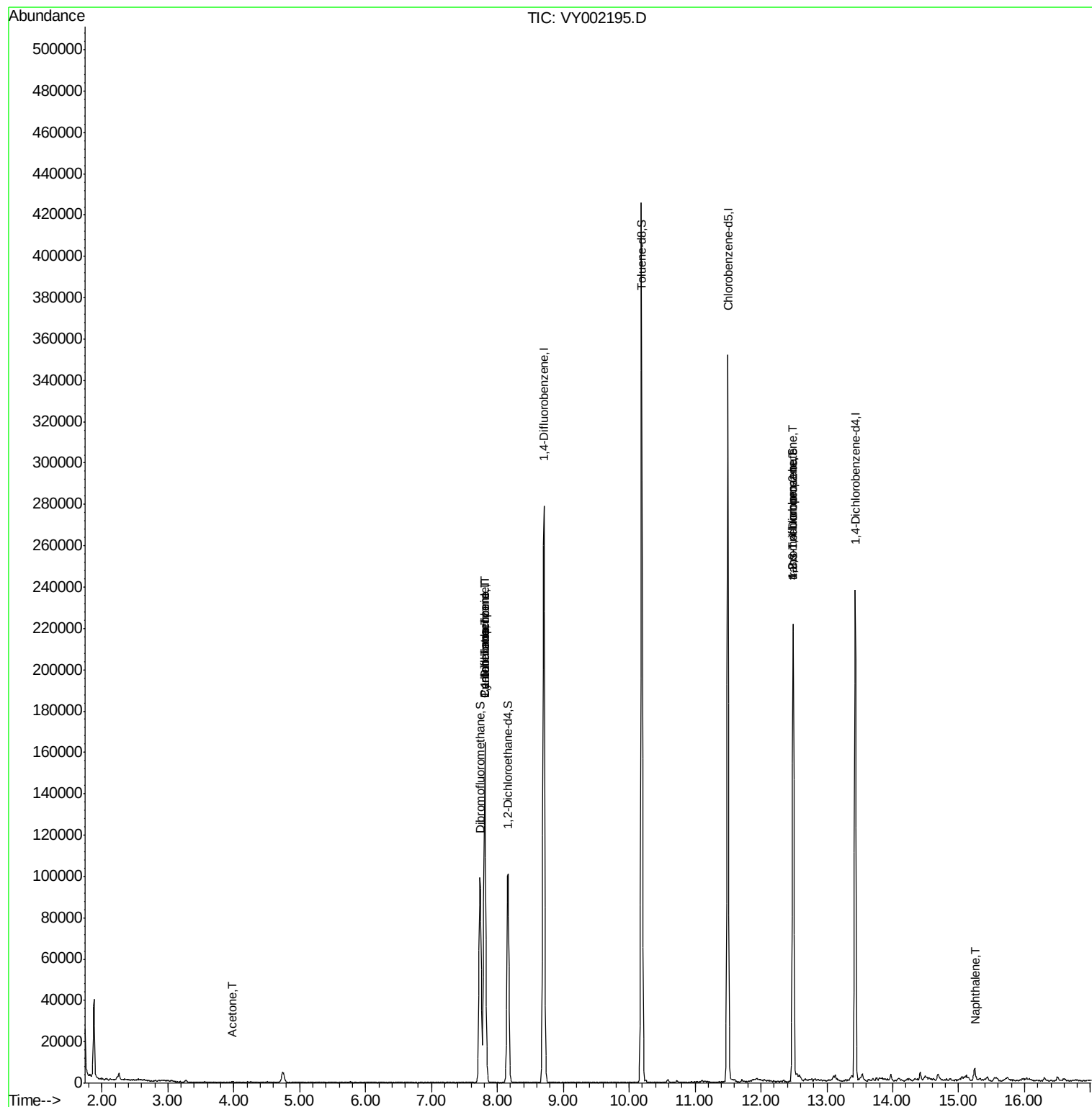
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	120509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	229729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	185657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	56528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76219	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	7.74	113	69591	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.19	98	279263	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.49	95	72207	38.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	667	1.782	ug/l #	71
20) Methylene Chloride	4.73	84	1594	Below Cal		84
31) Cyclohexane	7.80	56	2789	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	9934	4.572	ug/l #	46
38) Carbon Tetrachloride	7.81	117	12448	6.752	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	36742	58.107	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	36742	112.573	ug/l #	17
95) Naphthalene	15.25	128	3645	1.472	ug/l #	94

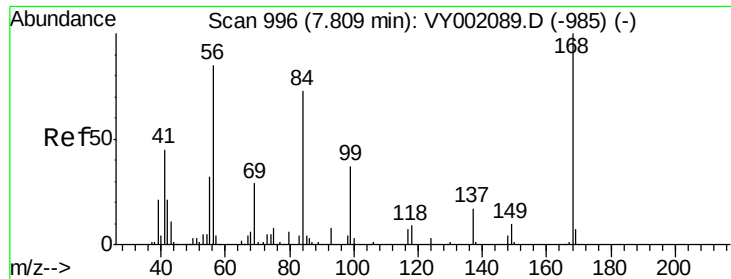
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002195.D

Acq: 02 Apr 2020 16:21

Instrument :

MSVOA_Y

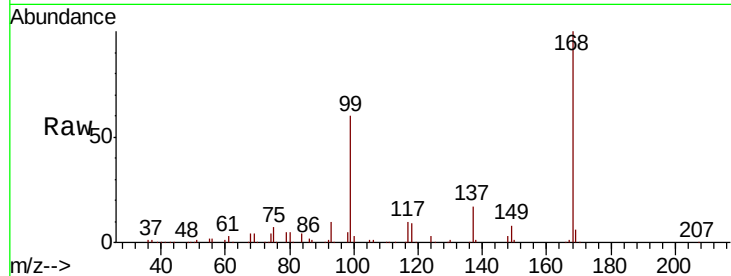
ClientSampled :

Tot Ion:168 Resp: 120509

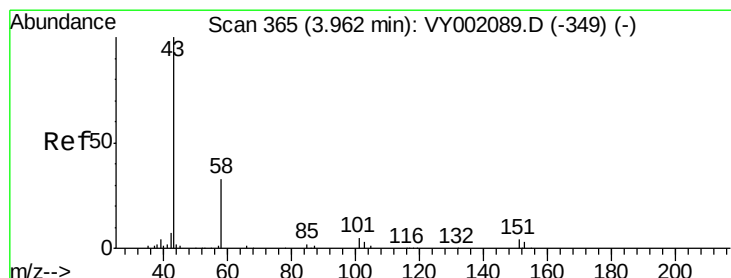
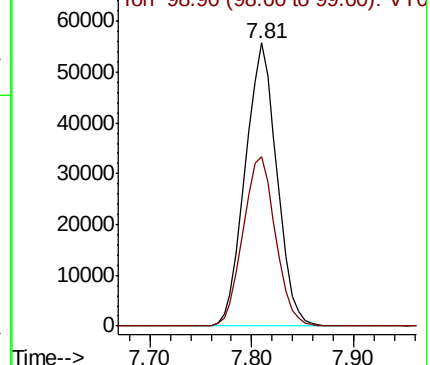
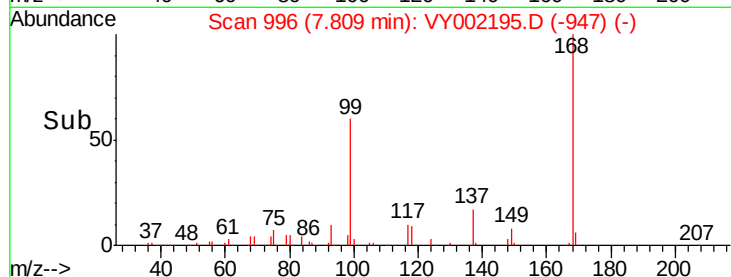
Ion Ratio Lower Upper

168 100

99 59.9 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002195.D (-947) (-)



#16

Acetone

Concen: 1.782 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002195.D

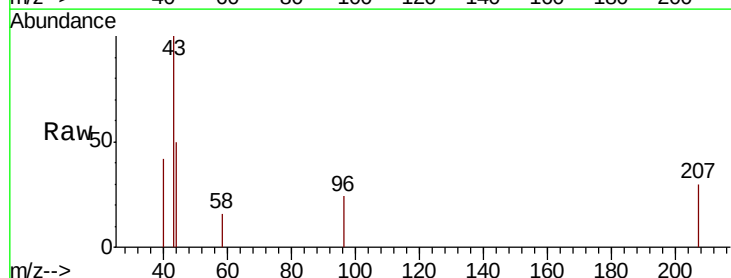
Acq: 02 Apr 2020 16:21

Tgt Ion: 43 Resp: 667

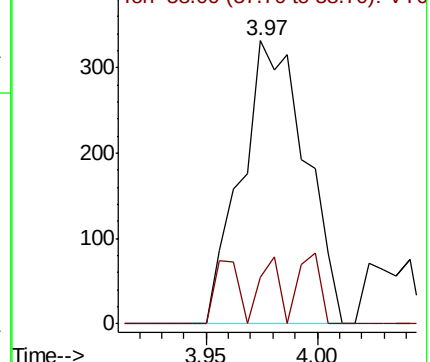
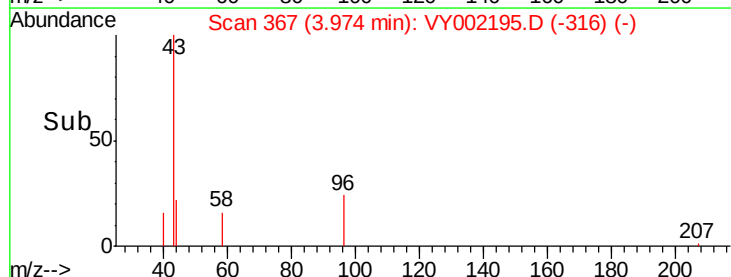
Ion Ratio Lower Upper

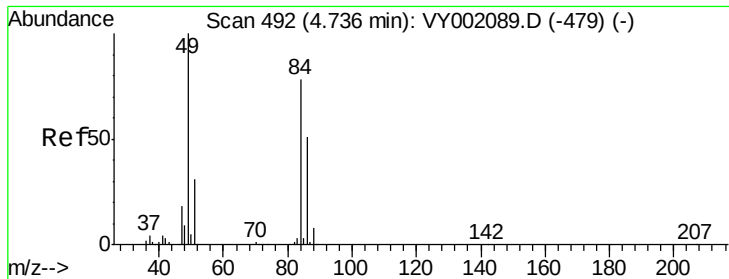
43 100

58 16.3 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002195.D (-316) (-)

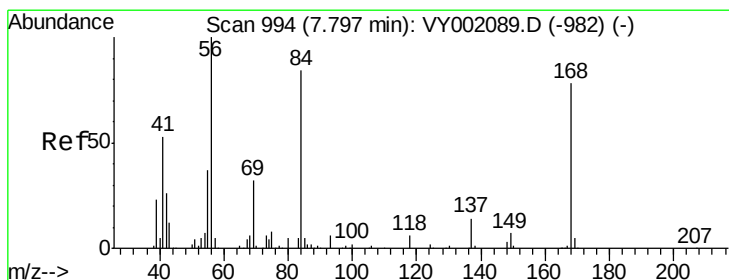
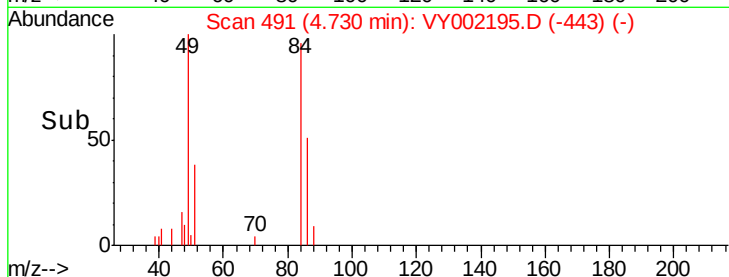
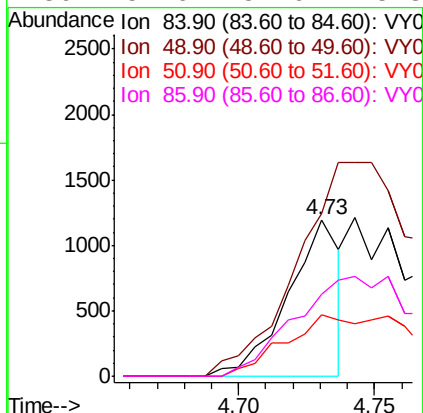
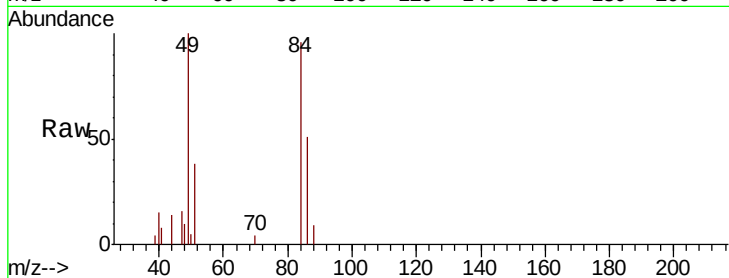




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

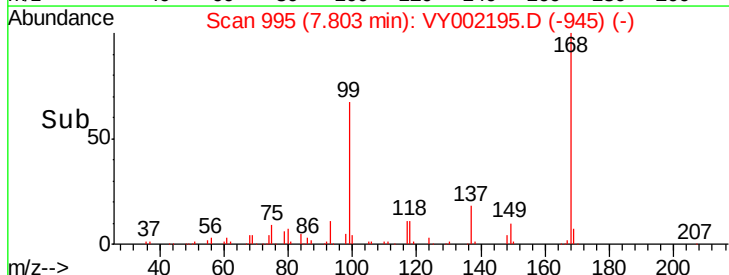
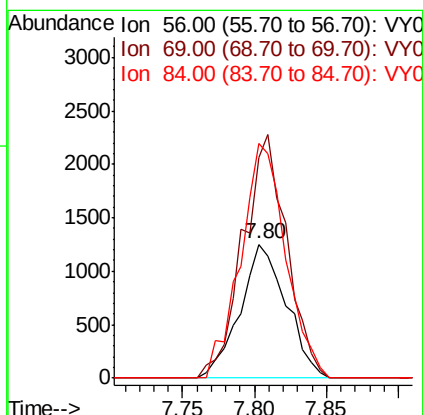
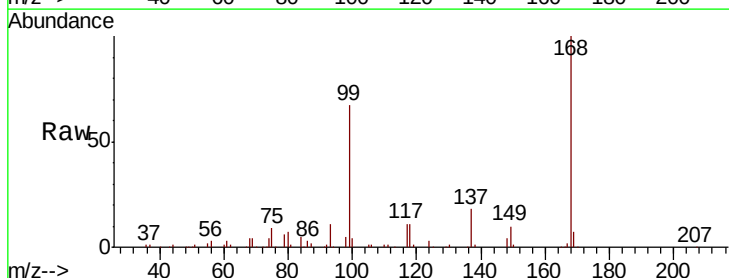
Instrument :
MSVOA_Y
ClientSampleId :

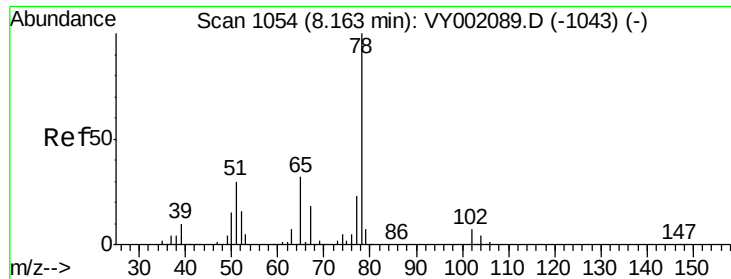
Tot Ion:	84	Resp:	1594
Ion	Ratio	Lower	Upper
84	100		
49	103.7	102.2	153.4
51	38.9	31.2	46.8
86	52.6	52.6	78.8



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Tgt Ion:	56	Resp:	2789
Ion	Ratio	Lower	Upper
56	100		
69	164.1	25.8	38.8#
84	175.0	67.1	100.7#

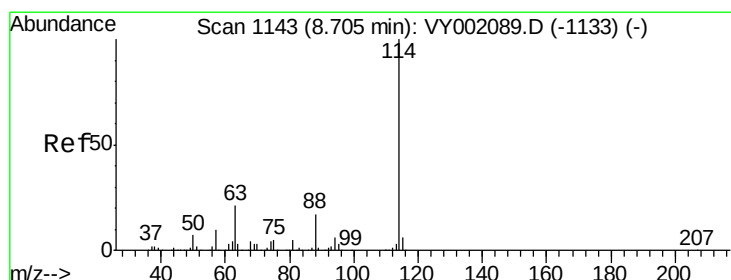
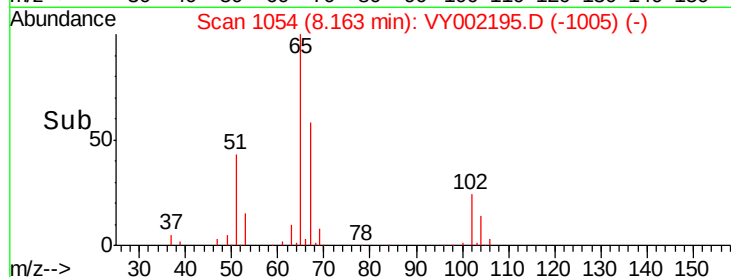
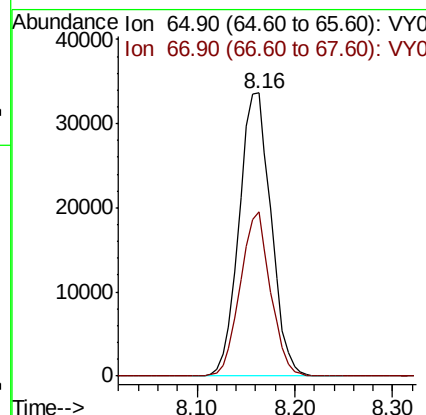
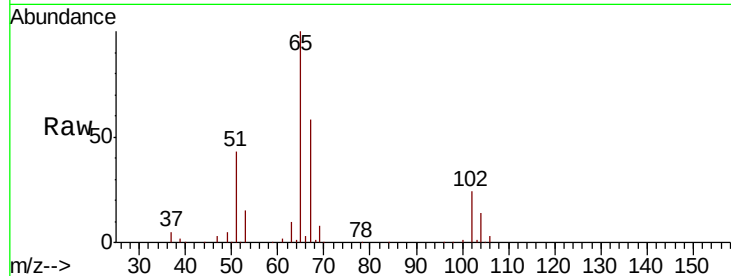




#33
 1,2-Dichloroethane-d4
 Concen: 57.213 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002195.D
 Acq: 02 Apr 2020 16:21

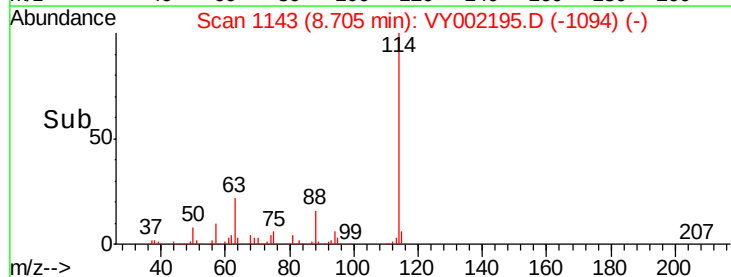
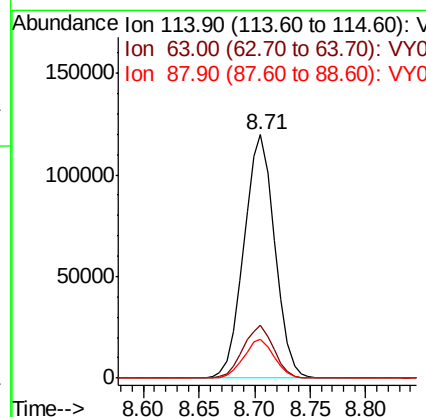
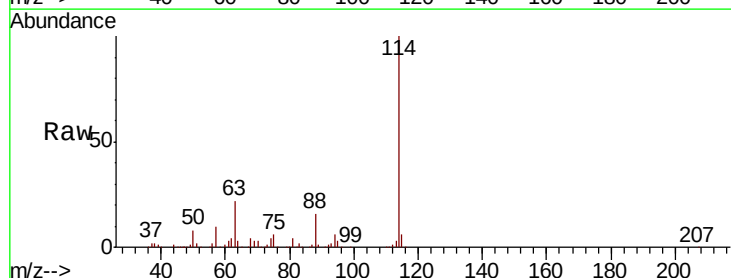
Instrument :
 MSVOA_Y
 ClientSampleId :

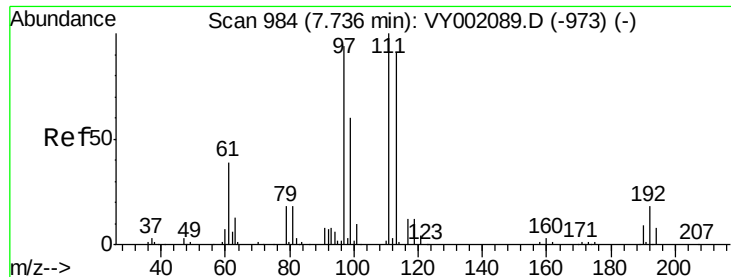
Tot Ion: 65 Resp: 76219
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002195.D
 Acq: 02 Apr 2020 16:21

Tgt Ion: 114 Resp: 229729
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.064 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002195.D

Acq: 02 Apr 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

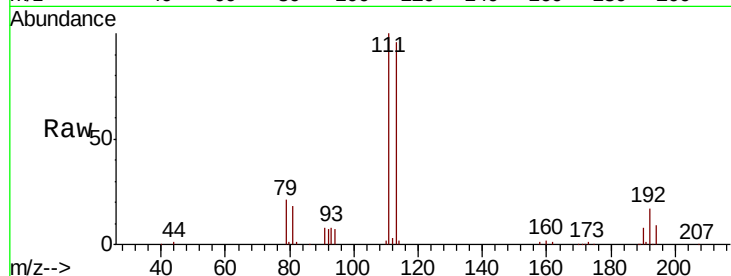
Tot Ion:113 Resp: 69591

Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.4	126.6
192	17.9	14.6	21.8

113 100

111 103.7 84.4 126.6

192 17.9 14.6 21.8

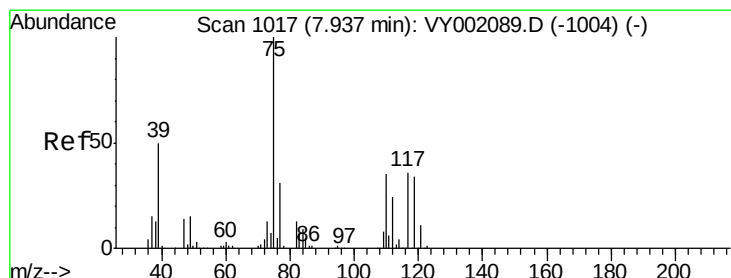
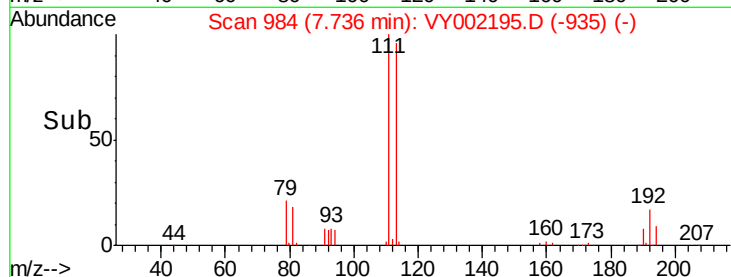
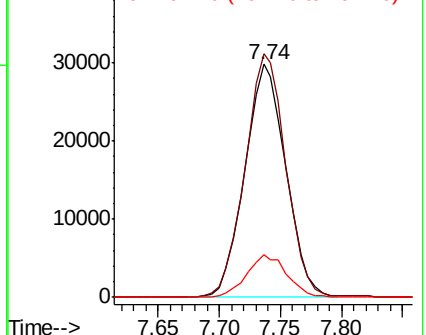


Abundance

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: 4.572 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002195.D

Acq: 02 Apr 2020 16:21

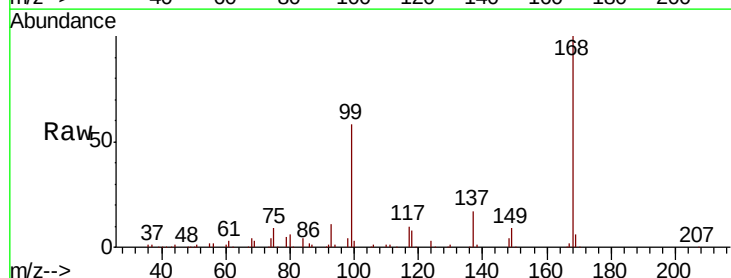
Tgt Ion: 75 Resp: 9934

Ion	Ratio	Lower	Upper
75	100		
110	4.1	17.2	51.6#
77	0.0	24.7	37.1#

75 100

110 4.1 17.2 51.6#

77 0.0 24.7 37.1#

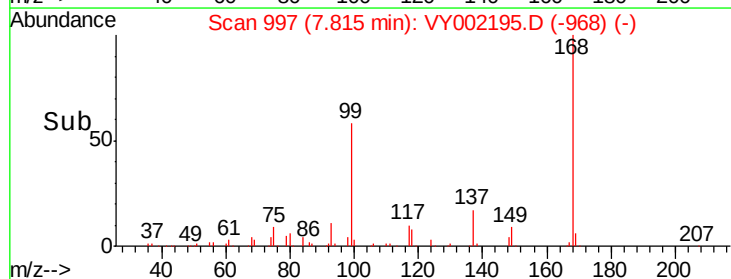
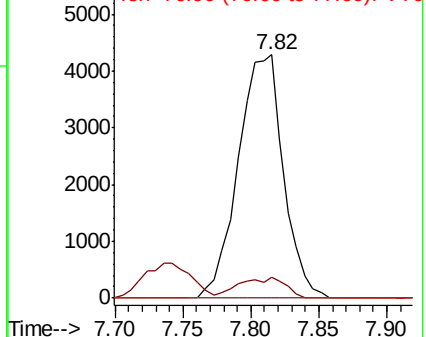


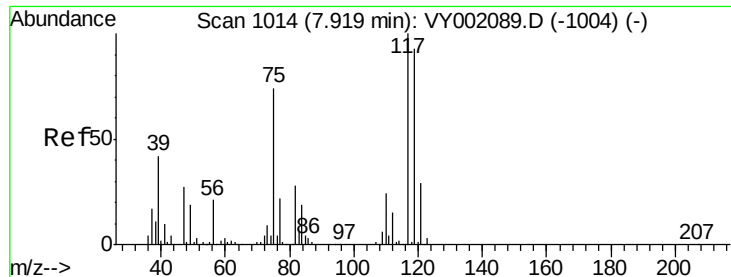
Abundance

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

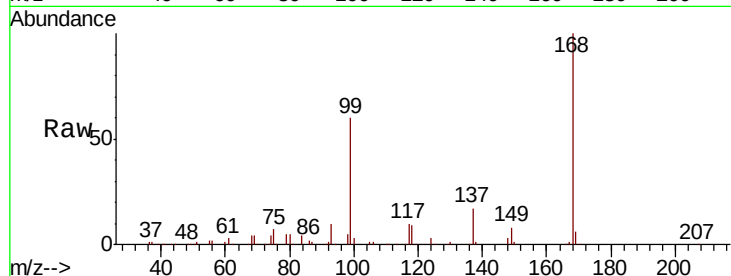




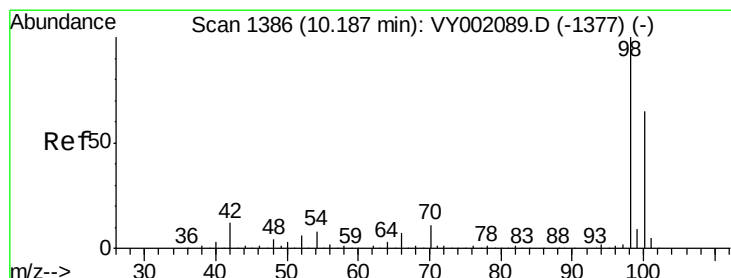
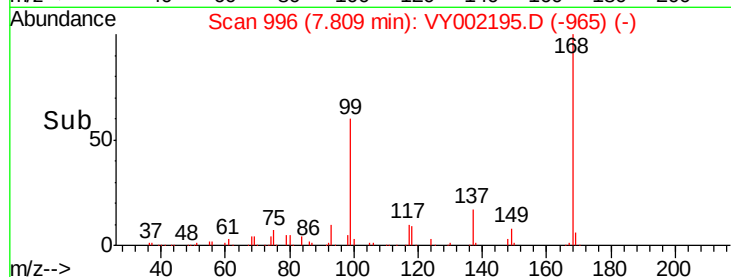
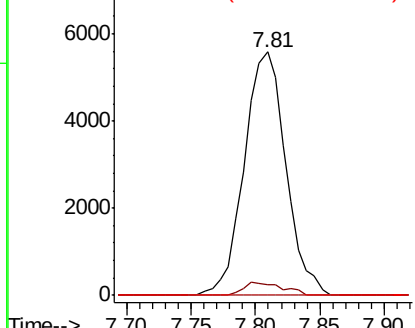
#38
Carbon Tetrachloride
Concen: 6.752 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.11 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 12448
Ion Ratio Lower Upper
117 100
119 4.6 74.3 111.5#
121 0.0 23.3 34.9#

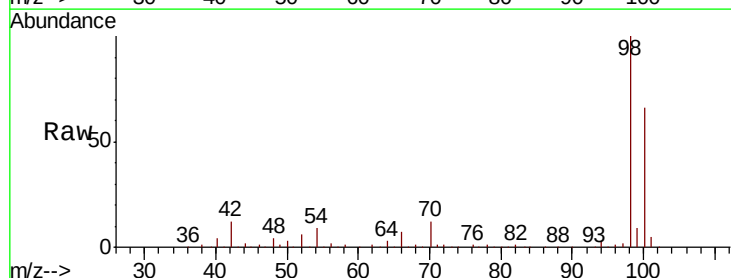


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

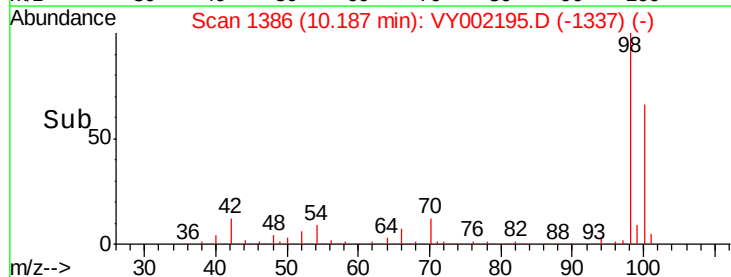
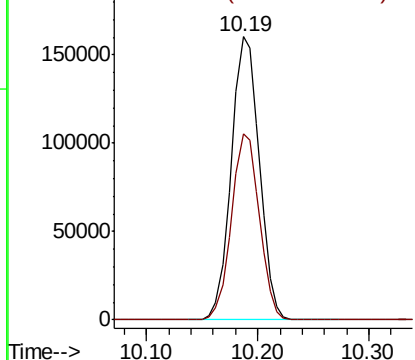


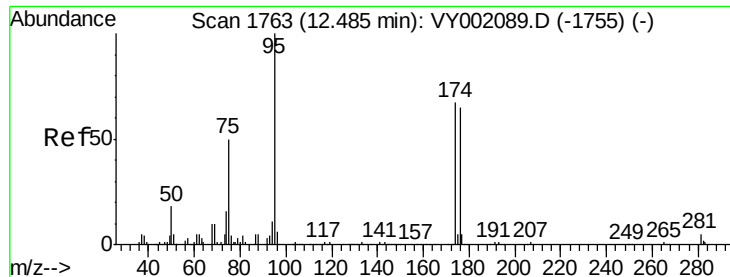
#50
Toluene-d8
Concen: 52.224 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Tgt Ion: 98 Resp: 279263
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



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

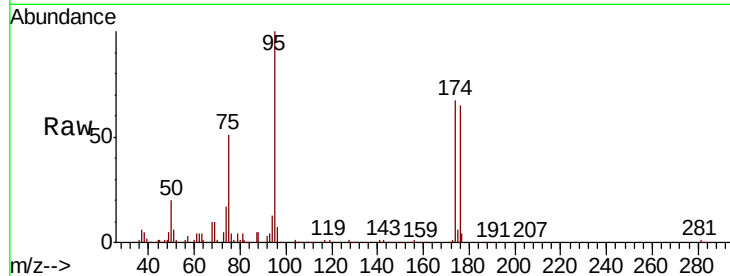




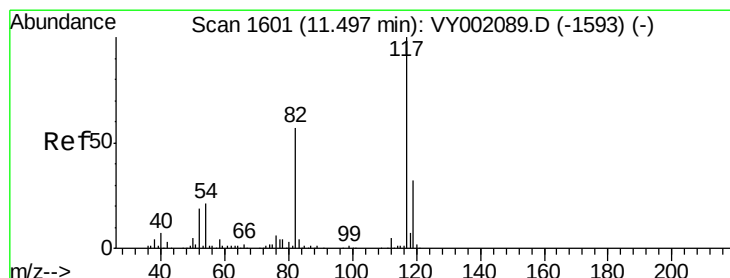
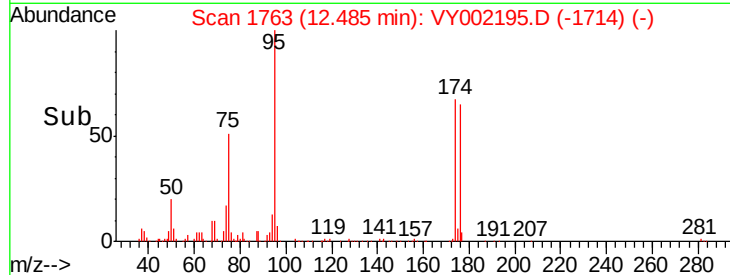
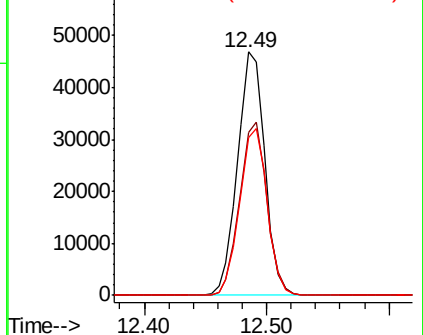
#62
4-Bromofluorobenzene
Concen: 38.610 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 95 Resp: 72207
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.4
176 69.3 0.0 137.0

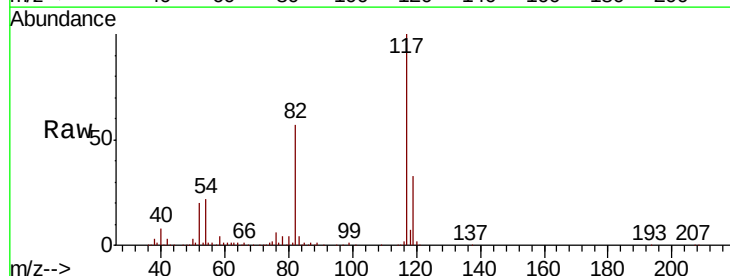


Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): VY0
Ion 175.80 (175.50 to 176.50): VY0

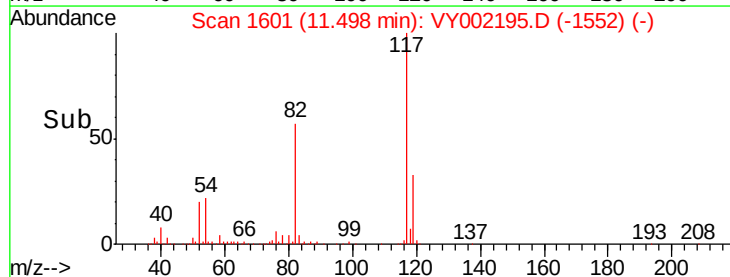
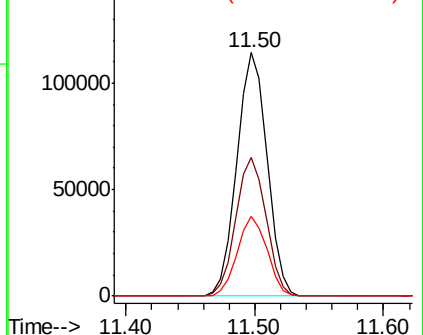


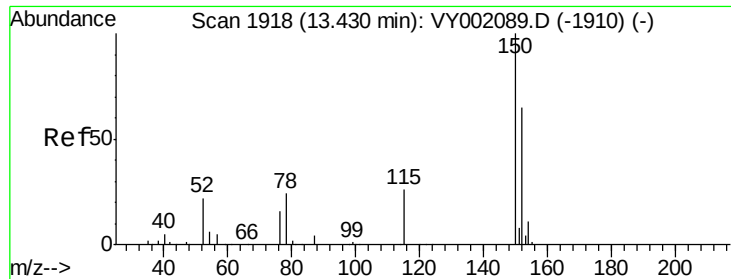
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Tgt Ion: 117 Resp: 185657
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.6 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VY0
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): VY0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002195.D

Acq: 02 Apr 2020 16:21

Instrument :

MSVOA_Y

ClientSampleId :

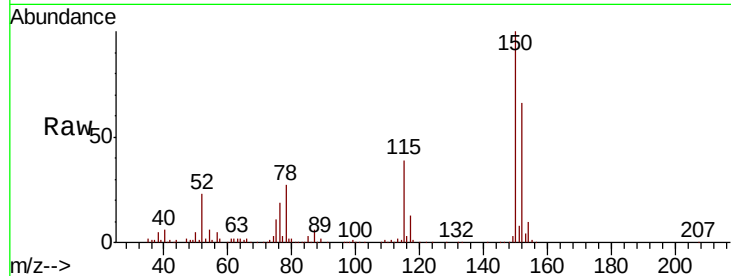
Tot Ion:152 Resp: 56528

Ion Ratio Lower Upper

152 100

115 60.8 31.2 93.6

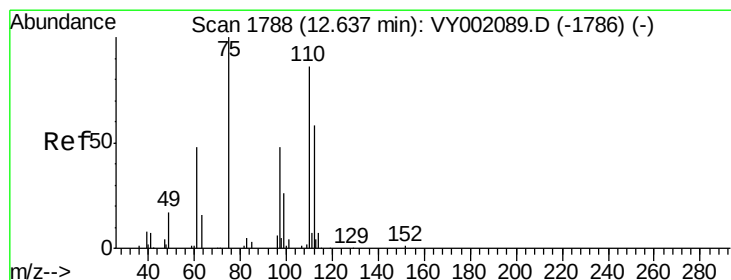
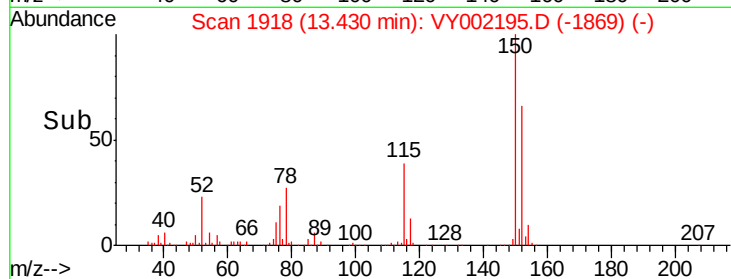
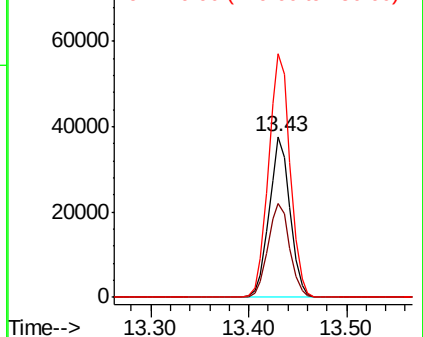
150 156.4 0.0 354.8



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: 58.107 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002195.D

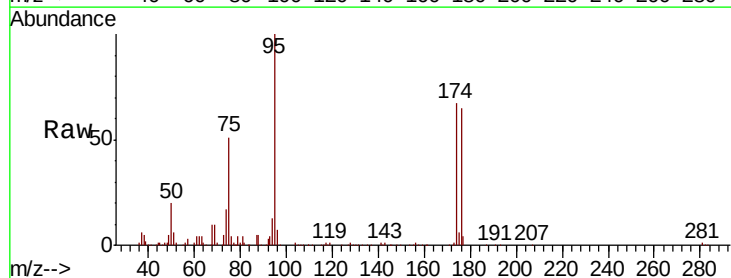
Acq: 02 Apr 2020 16:21

Tgt Ion: 75 Resp: 36742

Ion Ratio Lower Upper

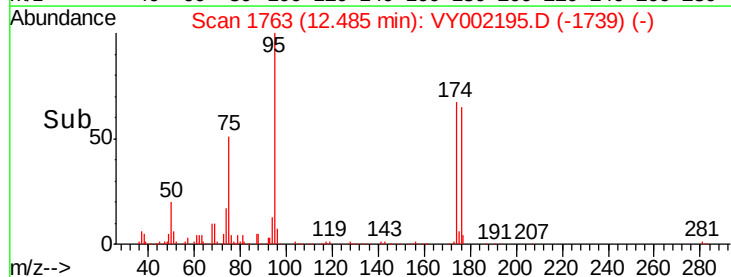
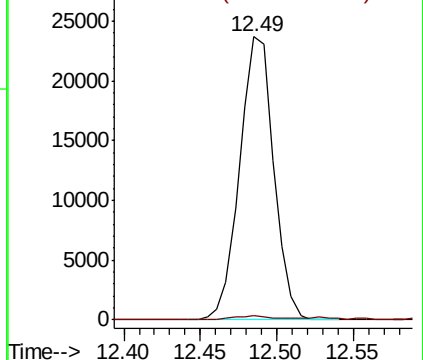
75 100

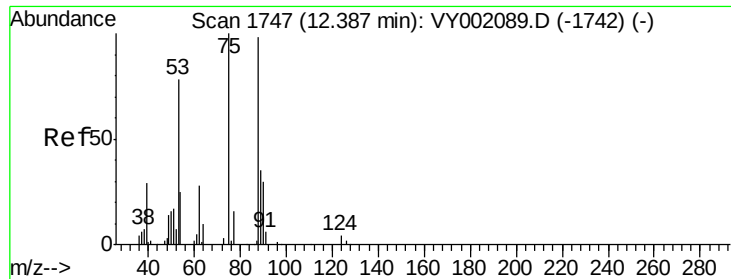
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

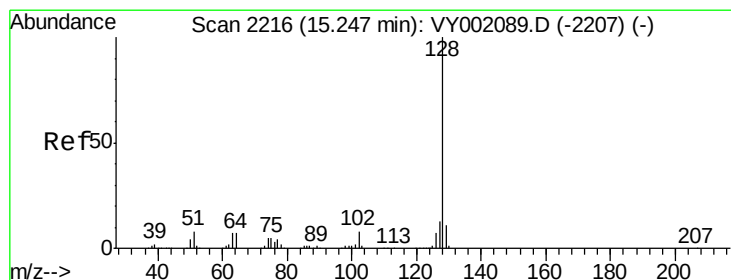
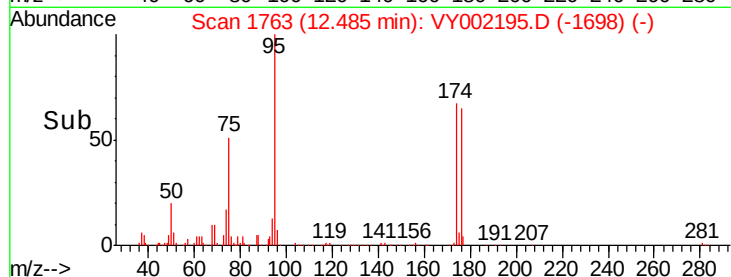
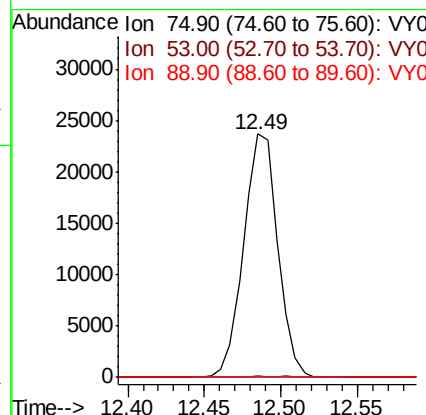
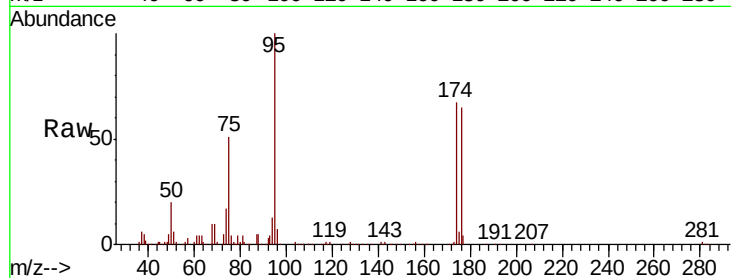




#81
trans-1,4-Dichloro-2-butene
Concen: 112.573 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.0	97.4#
89	0.3	33.4	50.0#



#95
Naphthalene
Concen: 1.472 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002195.D
Acq: 02 Apr 2020 16:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.8	14.8
129	14.1	8.6	13.0#

