

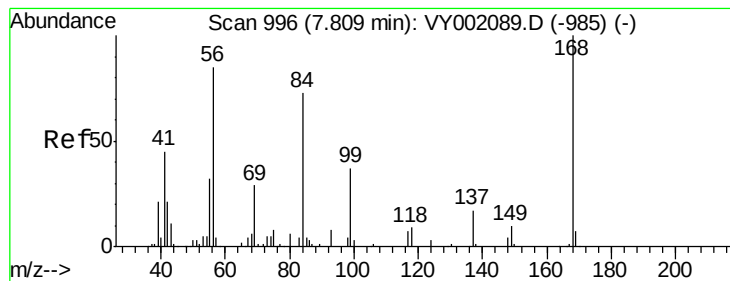
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002196.D
 Acq On : 02 Apr 2020 16:44
 Operator : SY/MD
 Sample : L2129-31RE
 Misc : 7.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:16:56 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	123297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	179467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	50922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75761	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
35) Dibromofluoromethane	7.74	113	71145	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
50) Toluene-d8	10.19	98	281227	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.49	95	66422	34.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	440	1.149	ug/l #	42
20) Methylene Chloride	4.74	84	5291	Below Cal		97
31) Cyclohexane	7.81	56	3109	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10470	4.719	ug/l #	51
38) Carbon Tetrachloride	7.82	117	12794	6.796	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1325	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	35074	61.576	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	35074	119.293	ug/l #	17

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002196.D

Acq: 02 Apr 2020 16:44

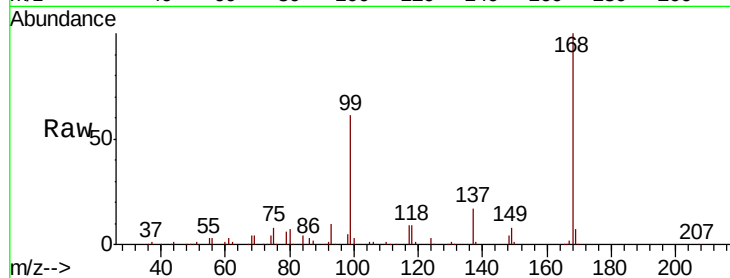
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 123297

Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002196.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002196.D (-947) (-)

7.81

60000

50000

40000

30000

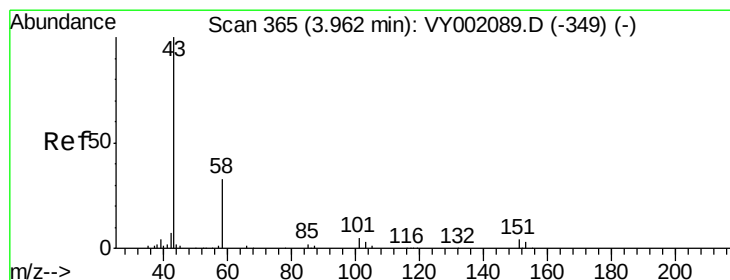
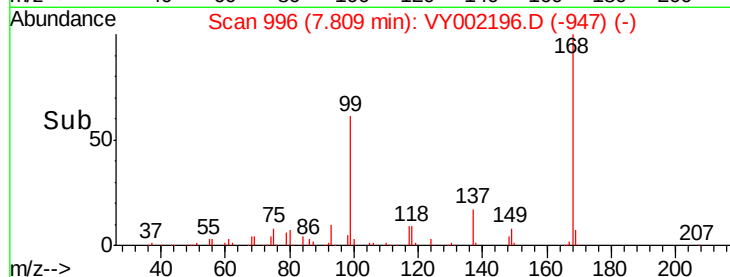
20000

10000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 1.149 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002196.D

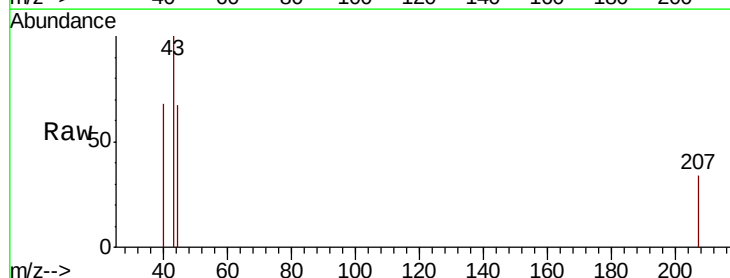
Acq: 02 Apr 2020 16:44

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002196.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002196.D (-316) (-)

3.97

250

200

150

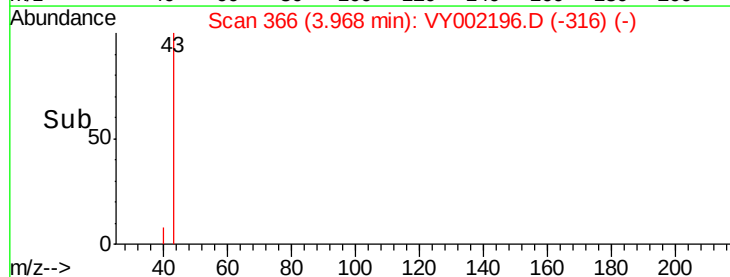
100

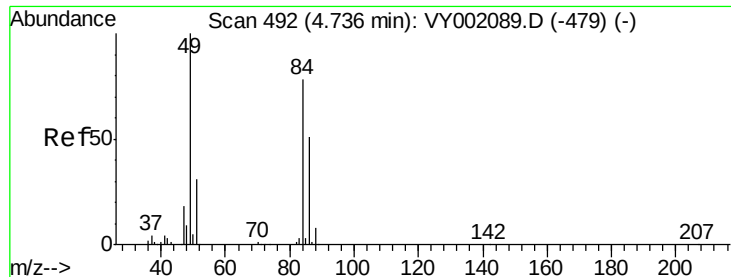
50

0

3.90 3.95 4.00

Time-->

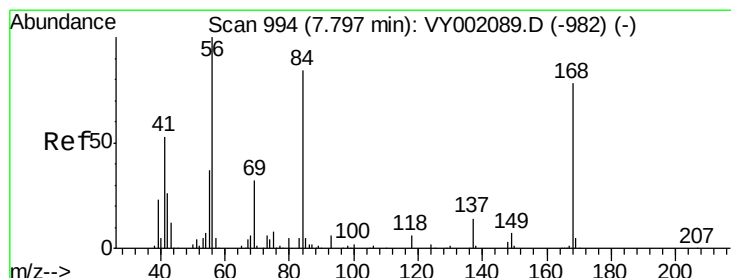
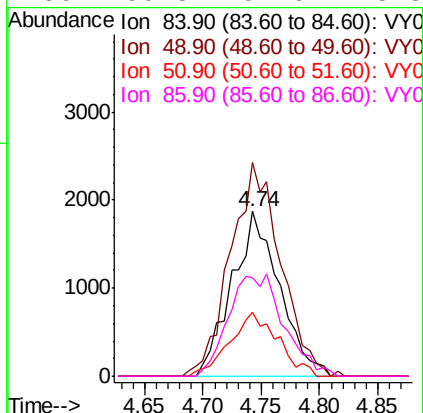
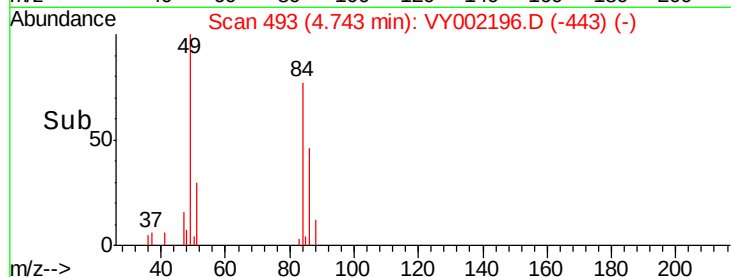
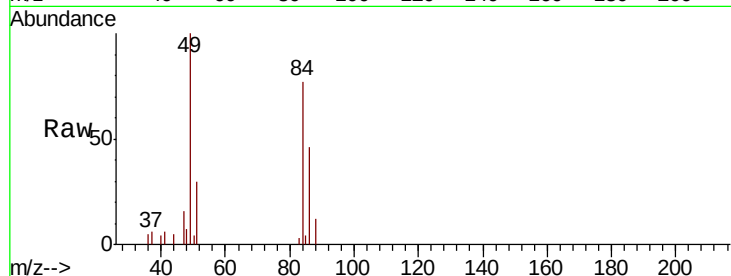




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

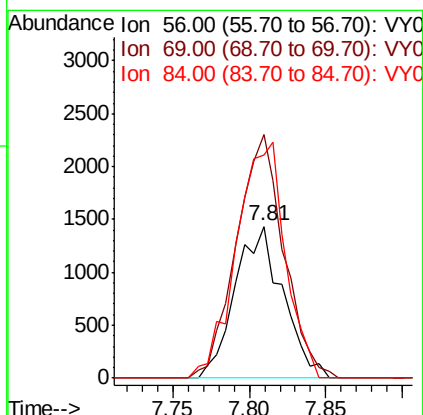
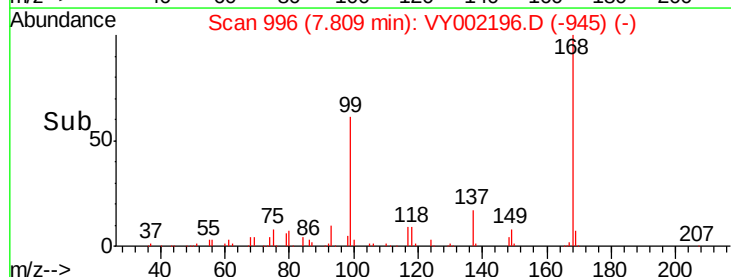
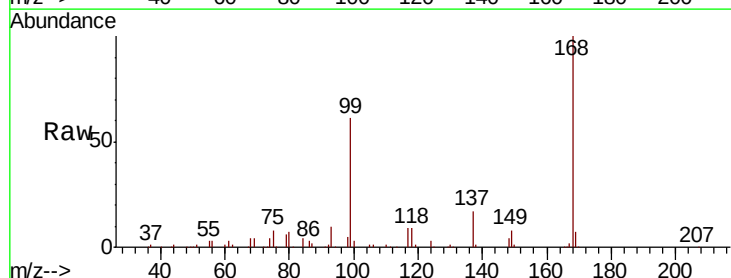
Instrument :
MSVOA_Y
ClientSampleId :

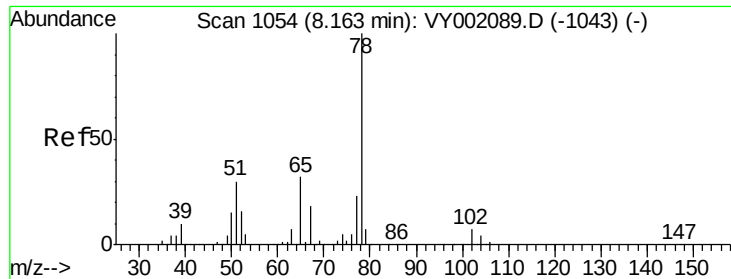
Tot Ion:	84	Resp:	5291
Ion	Ratio	Lower	Upper
84	100		
49	126.7	102.2	153.4
51	38.6	31.2	46.8
86	59.8	52.6	78.8



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

Tgt Ion:	56	Resp:	3109
Ion	Ratio	Lower	Upper
56	100		
69	160.5	25.8	38.8#
84	146.9	67.1	100.7#

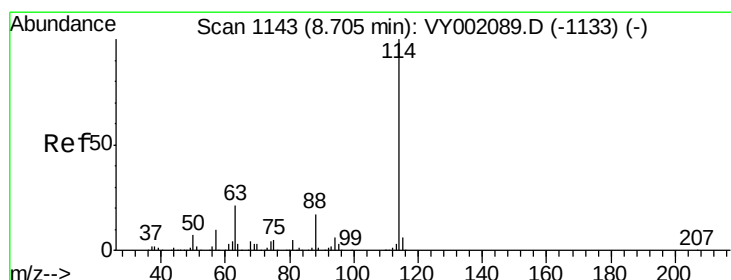
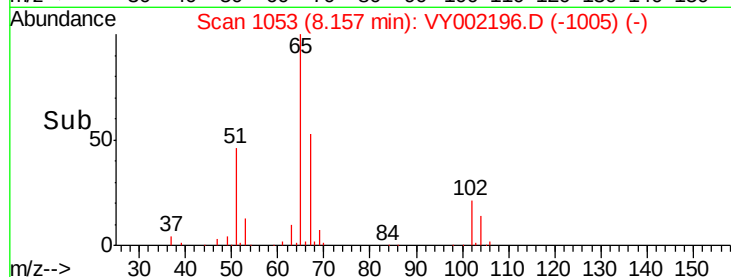
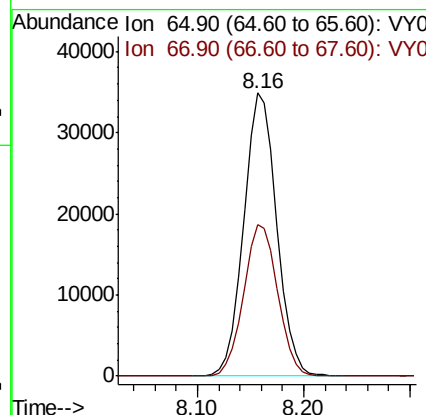
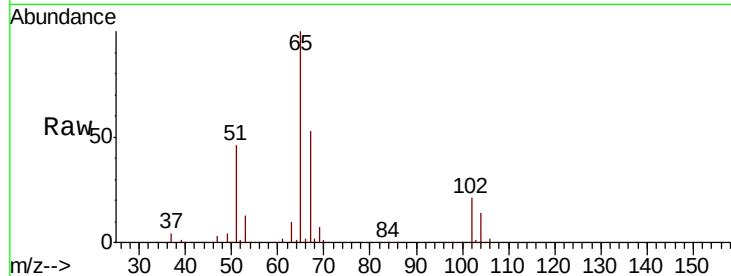




#33
 1,2-Dichloroethane-d4
 Concen: 55.583 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

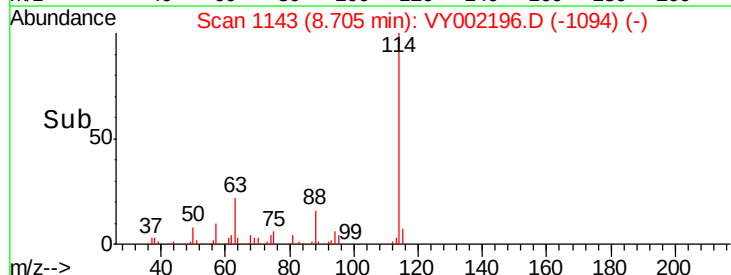
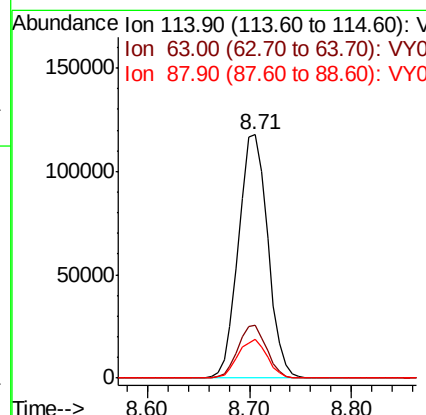
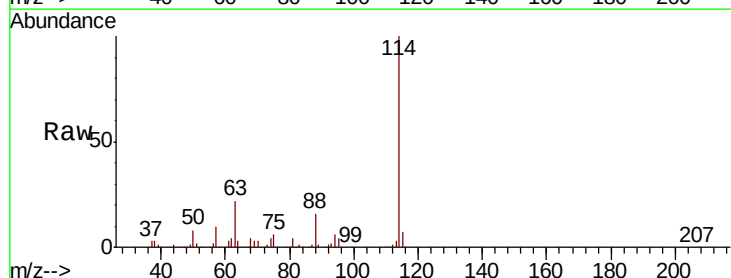
Instrument :
 MSVOA_Y
 ClientSampleId :

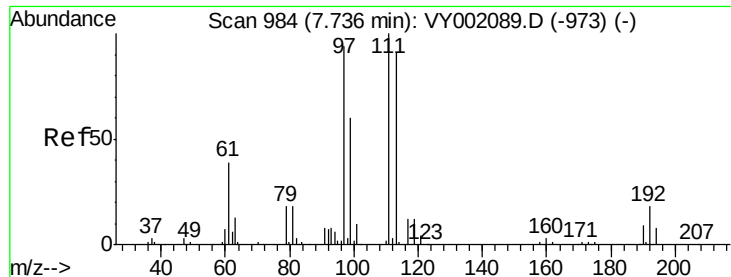
Tot Ion: 65 Resp: 75761
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

Tgt Ion: 114 Resp: 234588
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 15.8 0.0 33.0

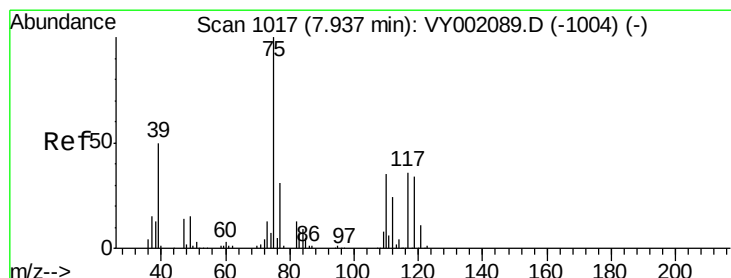
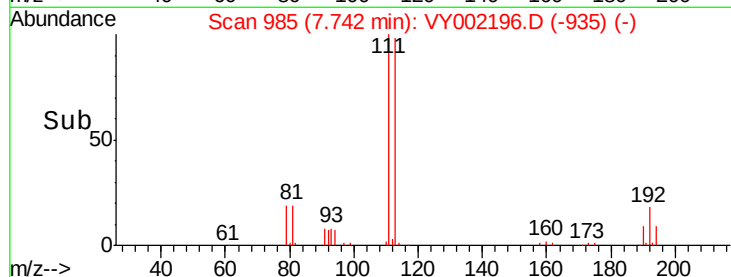
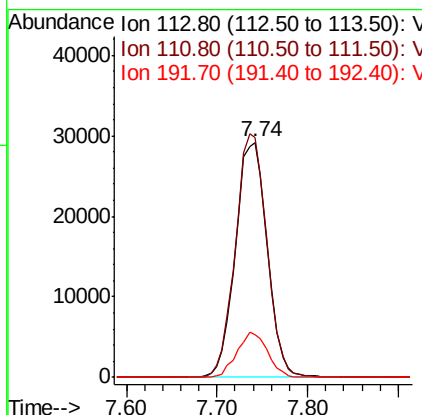
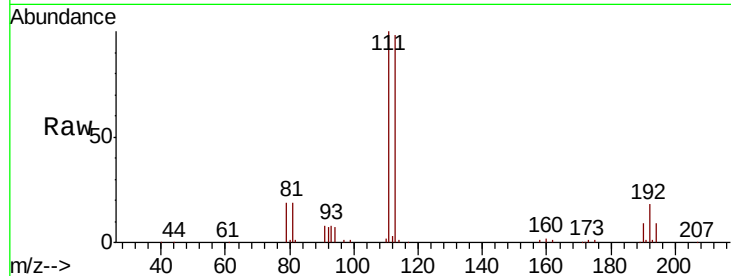




#35
 Dibromofluoromethane
 Concen: 54.126 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

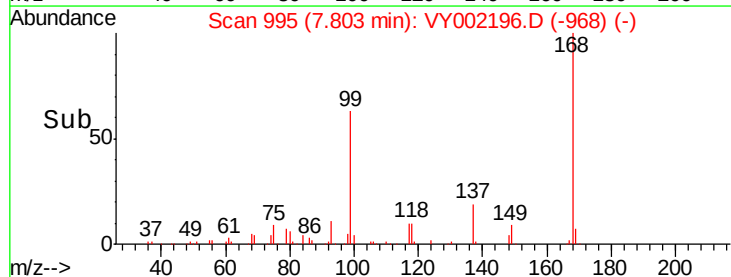
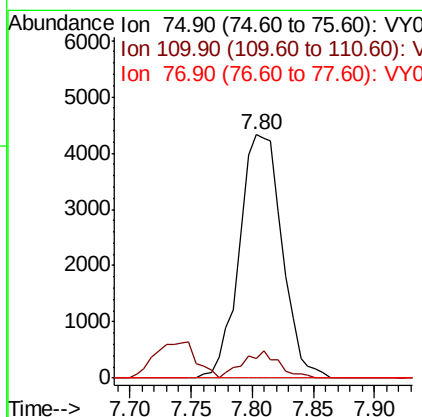
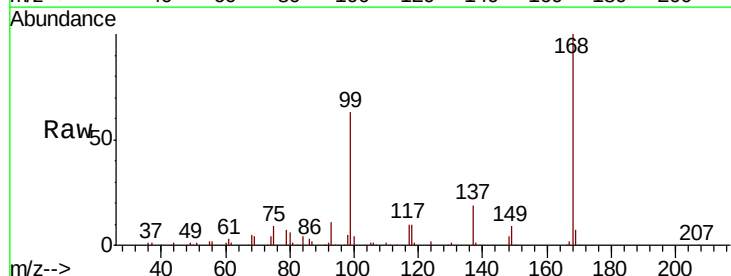
Instrument :
 MSVOA_Y
 ClientSampleId :

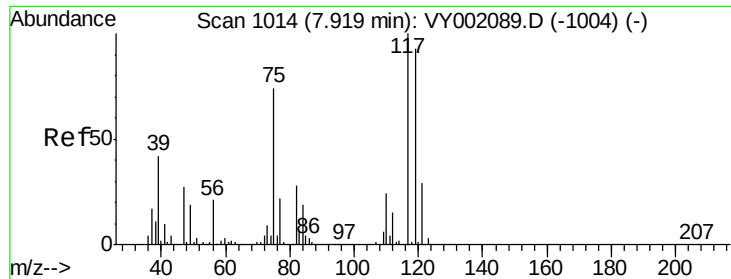
Tot Ion:113 Resp: 71145
 Ion Ratio Lower Upper
 113 100
 111 102.1 84.4 126.6
 192 18.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.719 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

Tgt Ion: 75 Resp: 10470
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.2 51.6#
 77 0.0 24.7 37.1#

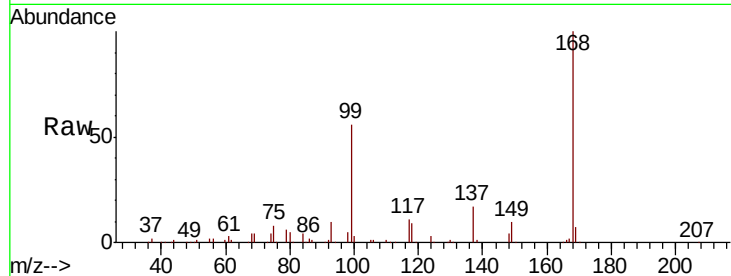




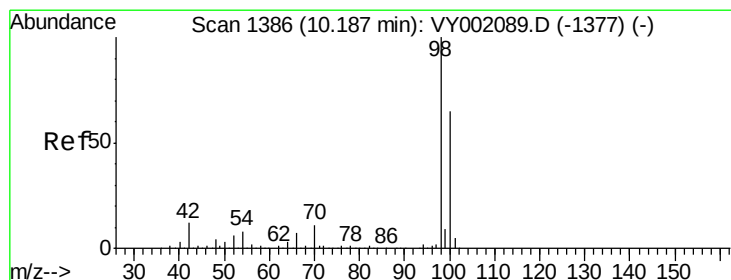
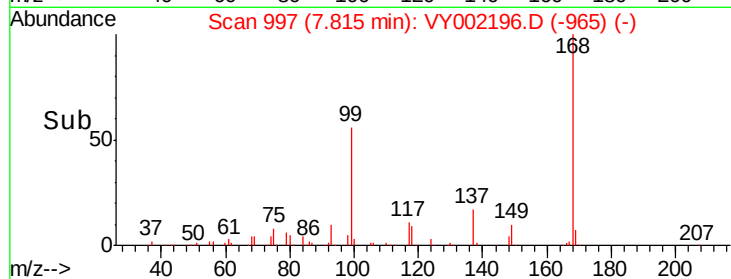
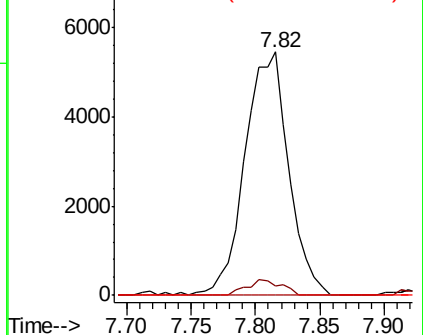
#38
Carbon Tetrachloride
Concen: 6.796 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12794
Ion Ratio Lower Upper
117 100
119 3.7 74.3 111.5#
121 0.0 23.3 34.9#

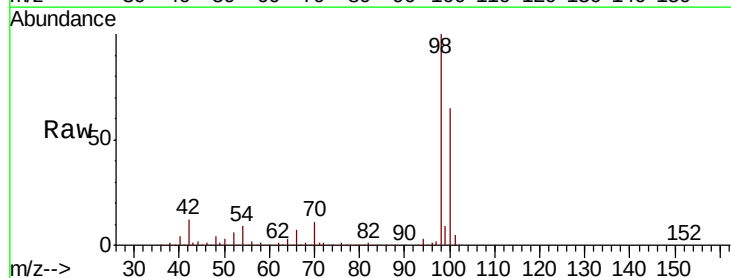


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

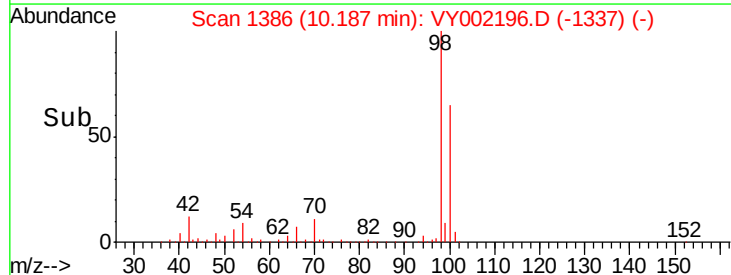
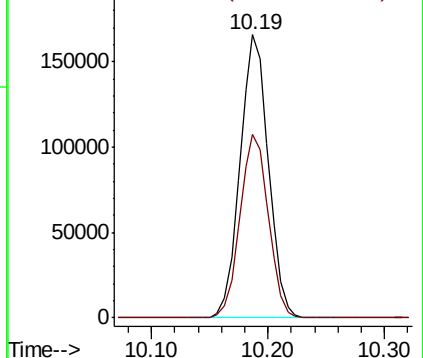


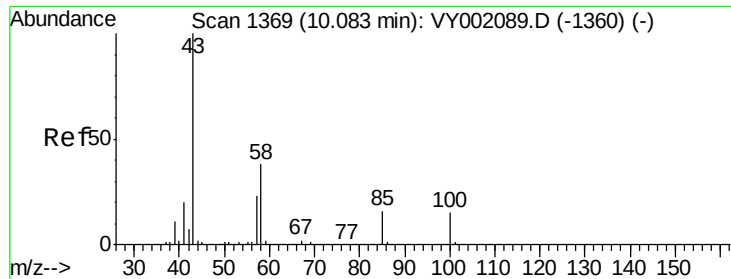
#50
Toluene-d8
Concen: 51.502 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

Tgt Ion: 98 Resp: 281227
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 1.034 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002196.D

Acq: 02 Apr 2020 16:44

Instrument :

MSVOA_Y

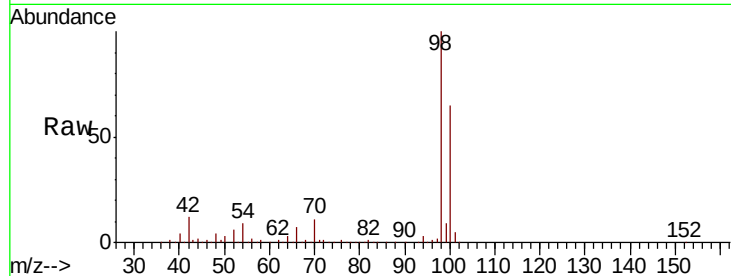
ClientSampleId :

Tot Ion: 43 Resp: 1325

Ion Ratio Lower Upper

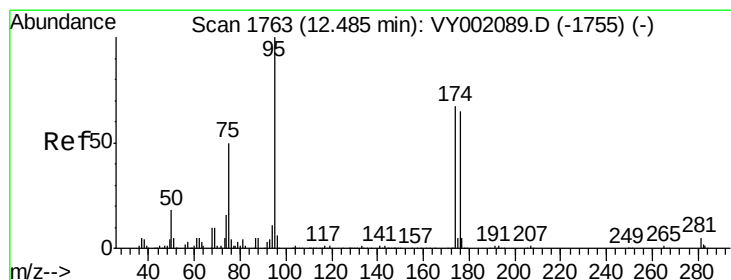
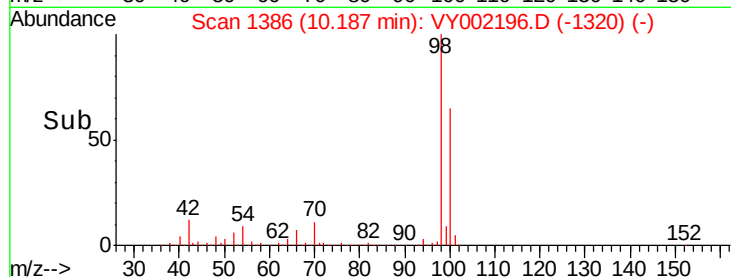
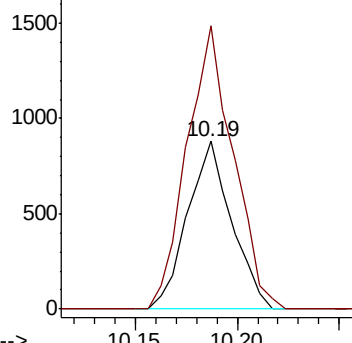
43 100

58 177.0 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 34.781 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002196.D

Acq: 02 Apr 2020 16:44

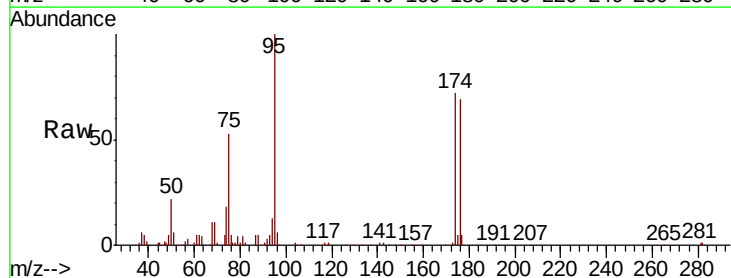
Tgt Ion: 95 Resp: 66422

Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

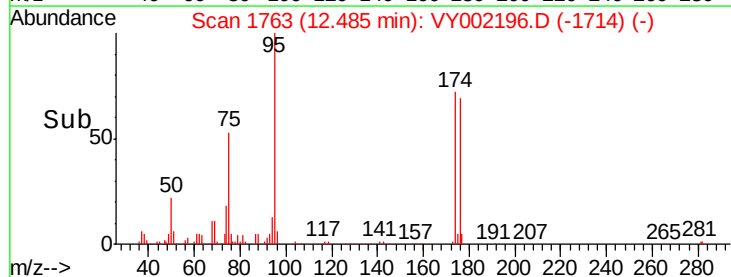
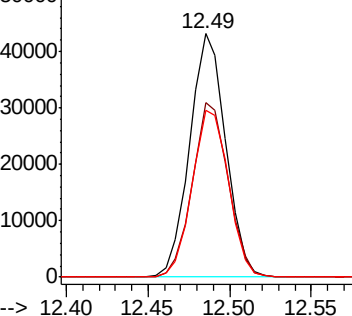
176 69.4 0.0 137.0

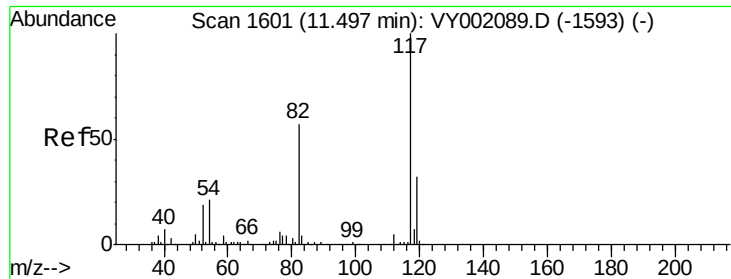


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

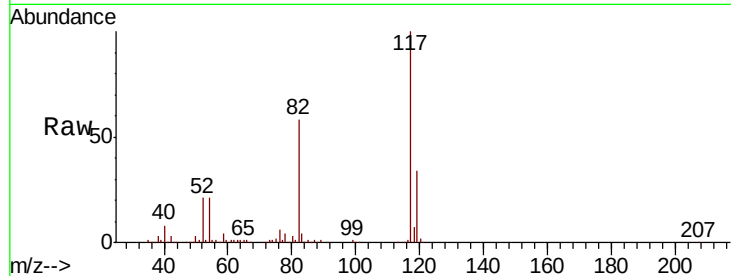




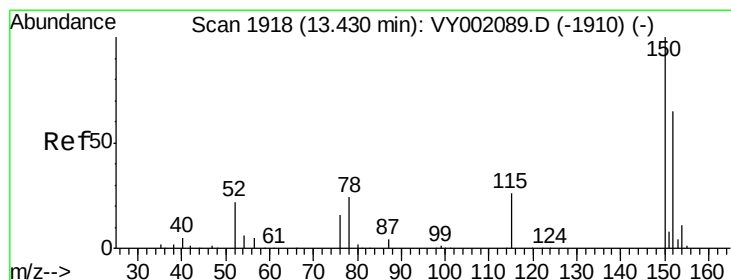
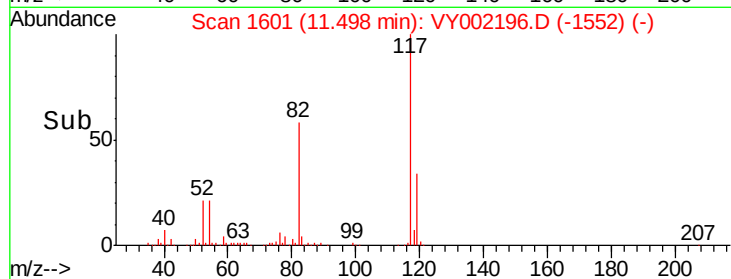
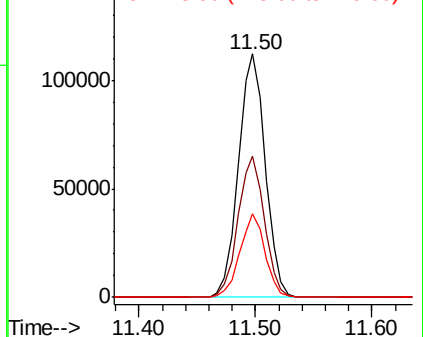
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.4	68.2
119	34.3	25.3	37.9

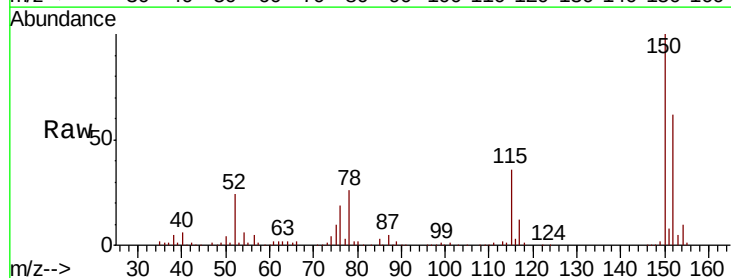


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

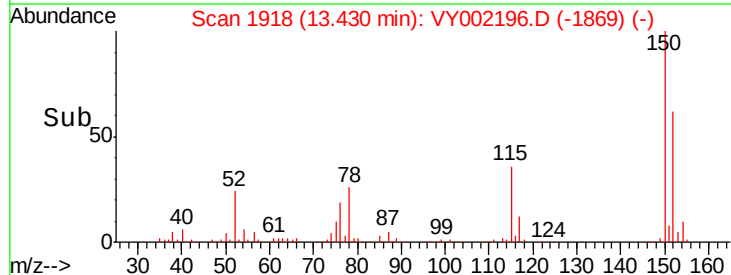
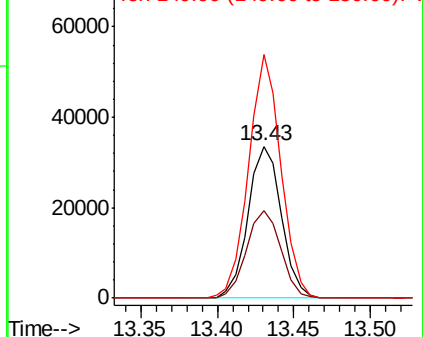


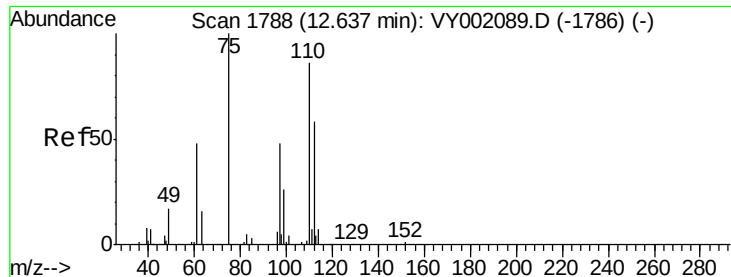
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002196.D
Acq: 02 Apr 2020 16:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.2	93.6
150	155.1	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

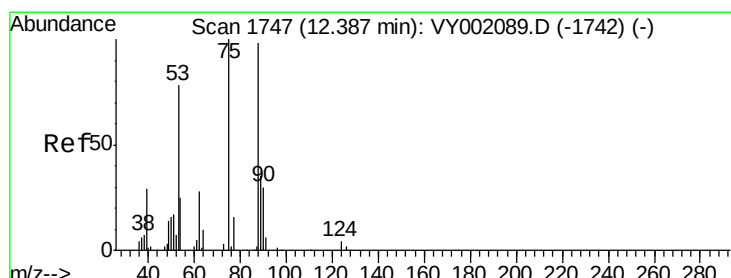
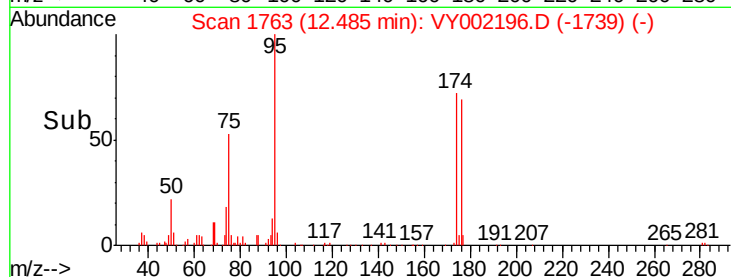
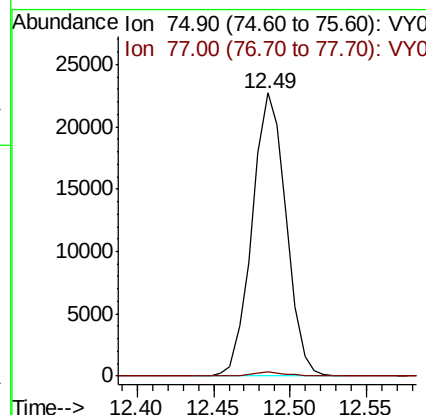
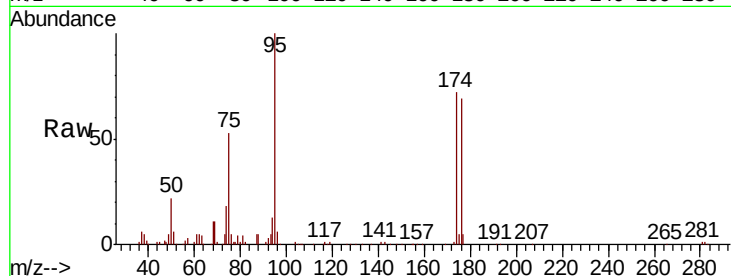




#76
 1,2,3-Trichloropropane
 Concen: 61.576 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 35074
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.293 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002196.D
 Acq: 02 Apr 2020 16:44

Tgt Ion: 75 Resp: 35074
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 0.0 33.4 50.0#

