

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002160.D
 Acq On : 01 Apr 2020 14:12
 Operator : SY/MD
 Sample : L2108-05
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:22:31 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	109388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	222059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	209018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	92130	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	72878	60.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.54%	
35) Dibromofluoromethane	7.74	113	65857	52.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.86%	
50) Toluene-d8	10.19	98	271975	52.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.49	95	93413	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	

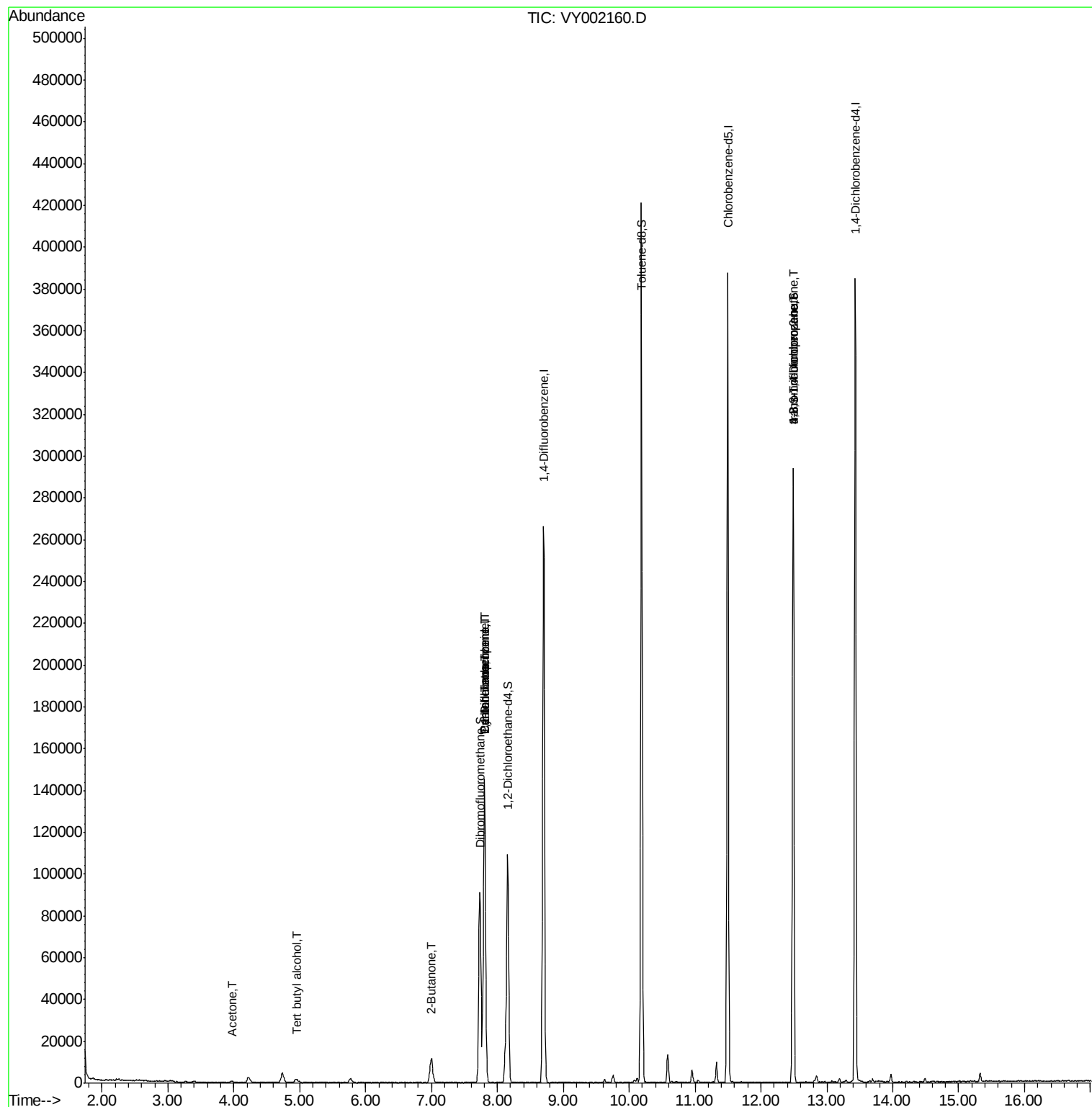
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	45	Below Cal	#	43
11) Tert butyl alcohol	4.96	59	2075	14.561	ug/l #	74
16) Acetone	3.97	43	1406	4.138	ug/l	95
20) Methylene Chloride	4.74	84	3103	Below Cal	#	79
25) 2-Butanone	7.00	43	865	1.658	ug/l	98
31) Cyclohexane	7.80	56	2685	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	9506	4.526	ug/l #	50
38) Carbon Tetrachloride	7.80	117	11663	6.545	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	48291	46.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	48291	90.782	ug/l #	17

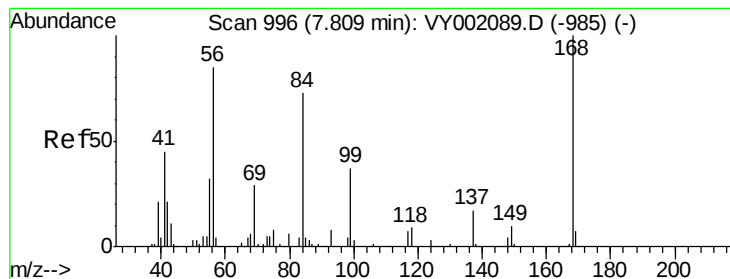
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
Data File : VY002160.D
Acq On : 01 Apr 2020 14:12
Operator : SY/MD
Sample : L2108-05
Misc : 5.09G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 02 06:22:31 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: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

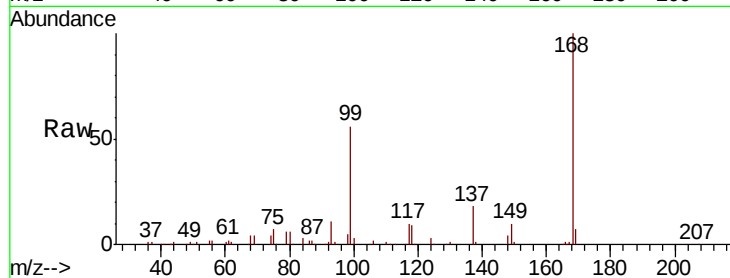
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 109388

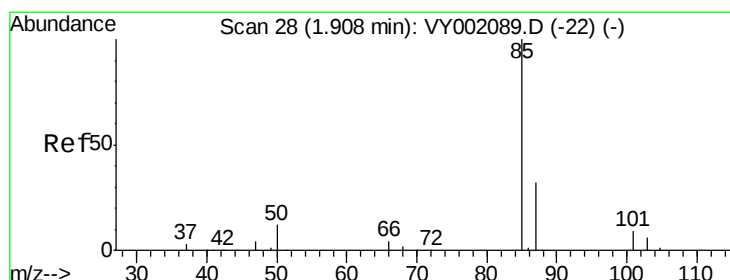
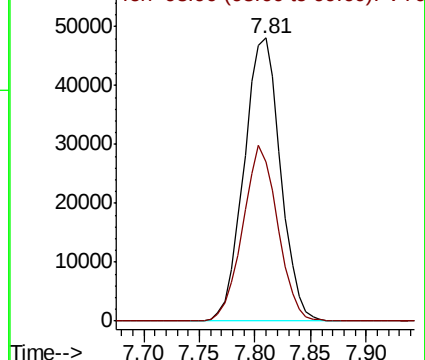
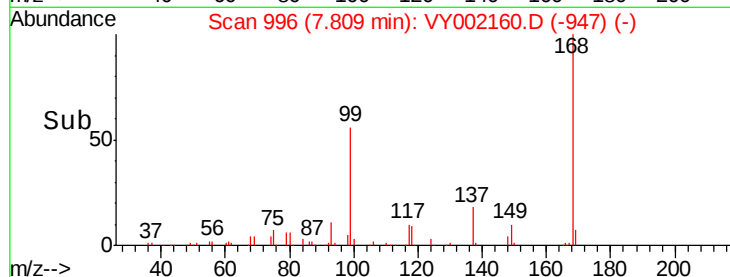
Ion Ratio Lower Upper

168 100

99 56.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002160.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002160.D

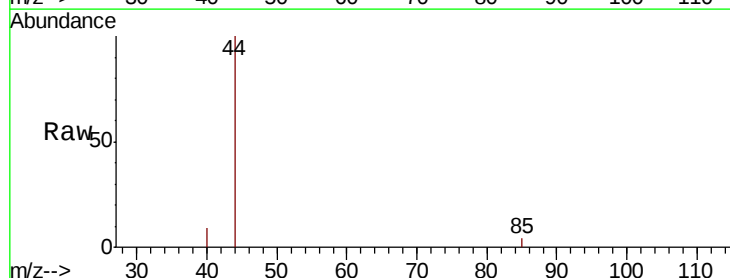
Acq: 01 Apr 2020 14:12

Tgt Ion: 85 Resp: 45

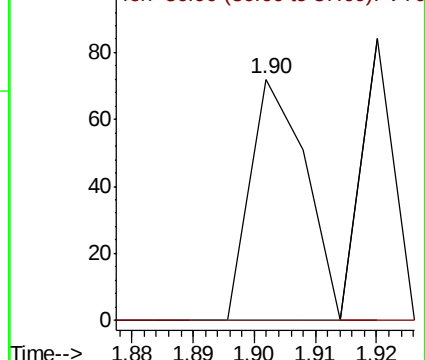
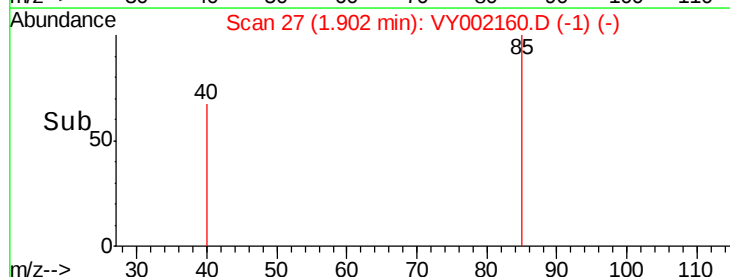
Ion Ratio Lower Upper

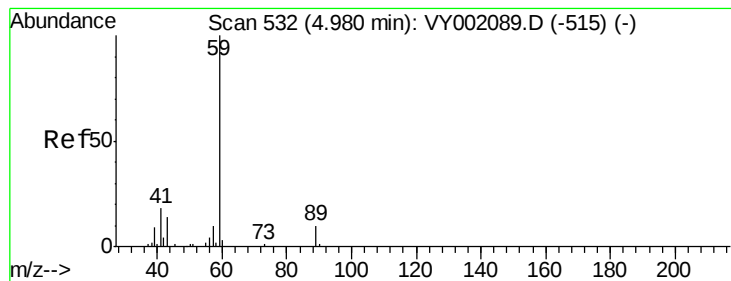
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002160.D (-1) (-)



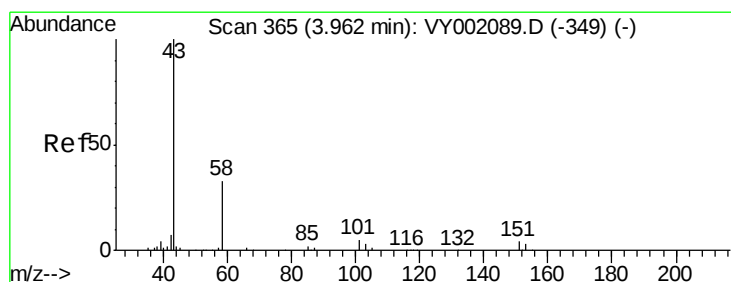
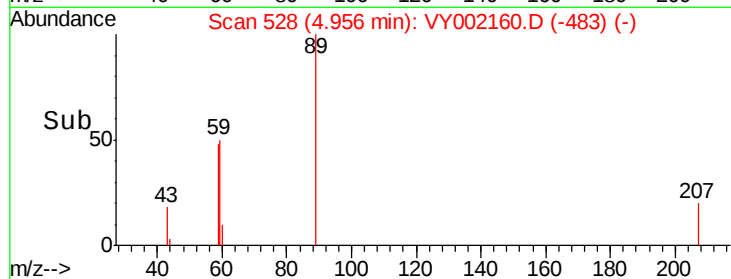
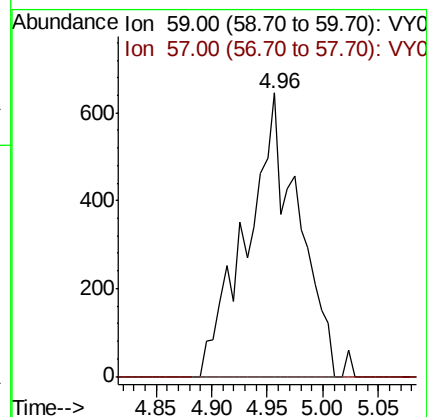
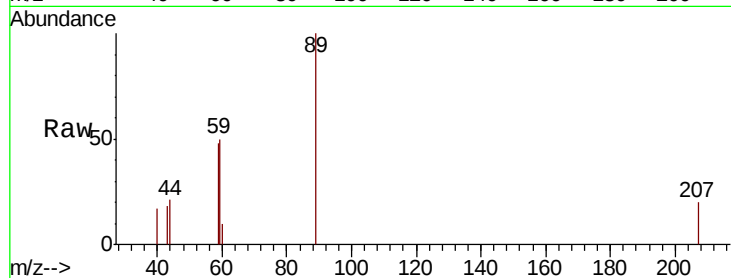


#11

Tert butyl alcohol
 Concen: 14.561 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampled :

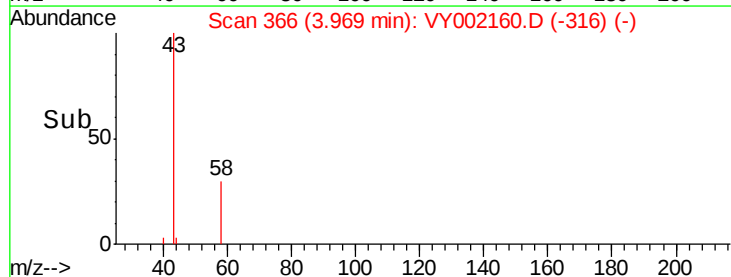
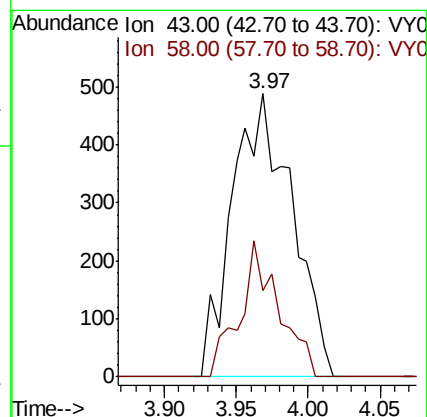
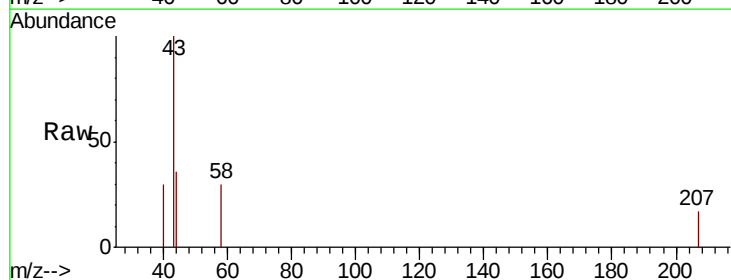
Tot Ion: 59 Resp: 2075
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

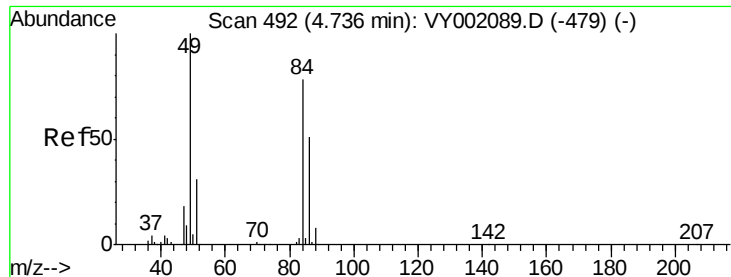


#16

Acetone
 Concen: 4.138 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Tgt Ion: 43 Resp: 1406
 Ion Ratio Lower Upper
 43 100
 58 30.3 26.3 39.5

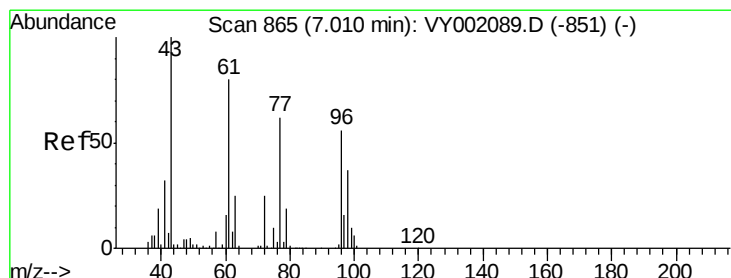
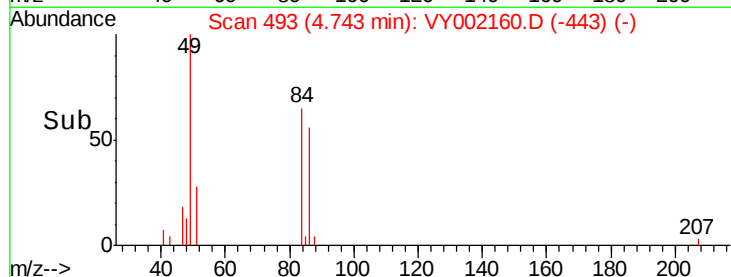
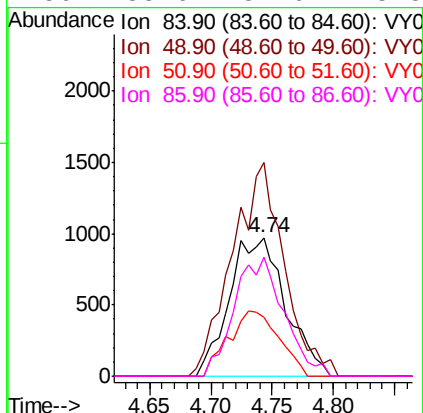
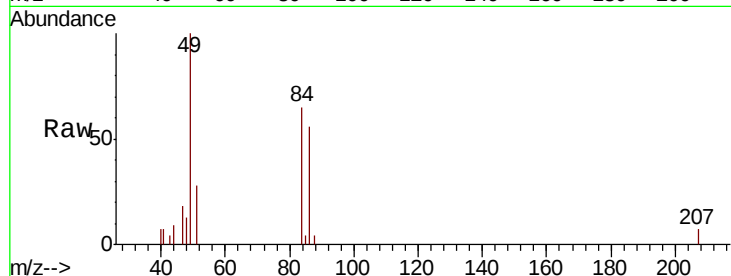




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002160.D
Acq: 01 Apr 2020 14:12

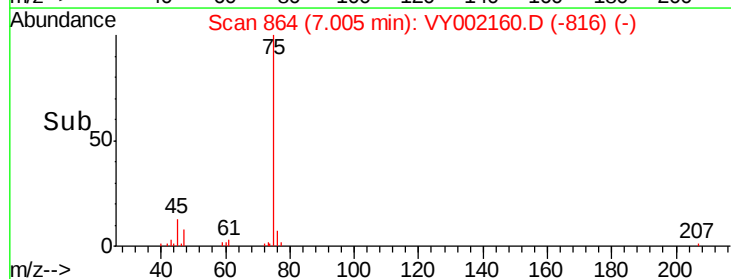
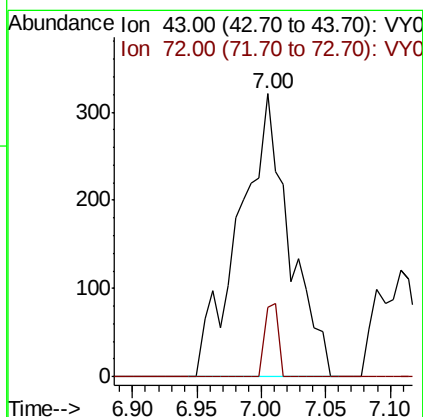
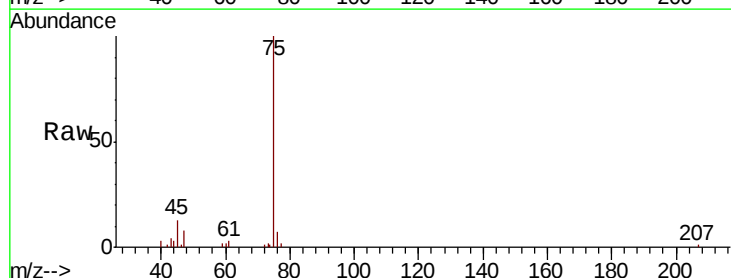
Instrument :
MSVOA_Y
ClientSampled :

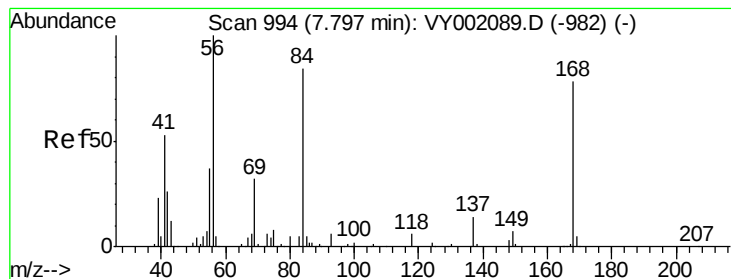
Tot Ion: 84 Resp: 3103
Ion Ratio Lower Upper
84 100
49 154.1 102.2 153.4#
51 42.8 31.2 46.8
86 85.6 52.6 78.8#



#25
2-Butanone
Concen: 1.658 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002160.D
Acq: 01 Apr 2020 14:12

Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
72 24.3 20.2 30.2





#31

Cyclohexane

Concen: 1.066 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

Instrument :
MSVOA_Y
ClientSampled :

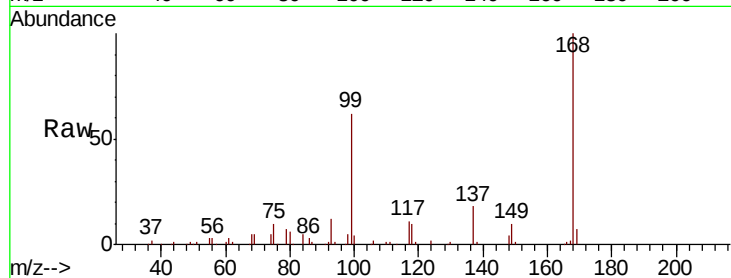
Tot Ion: 56 Resp: 2685

Ion Ratio Lower Upper

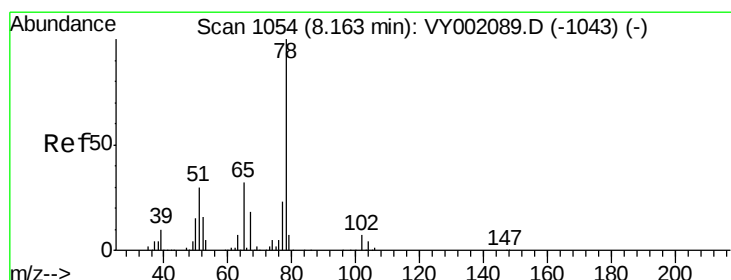
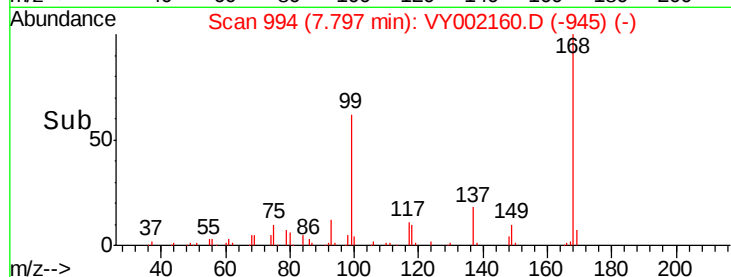
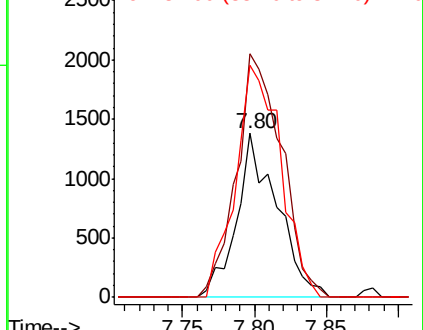
56 100

69 148.5 25.8 38.8#

84 141.7 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: 60.267 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002160.D

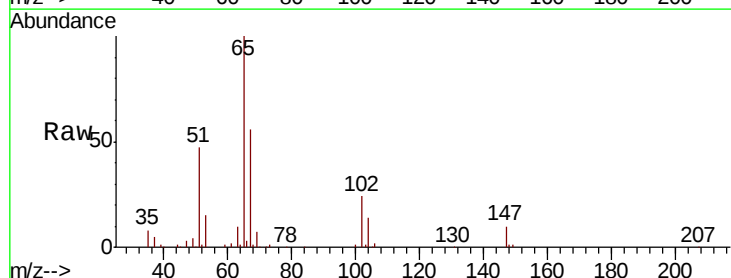
Acq: 01 Apr 2020 14:12

Tgt Ion: 65 Resp: 72878

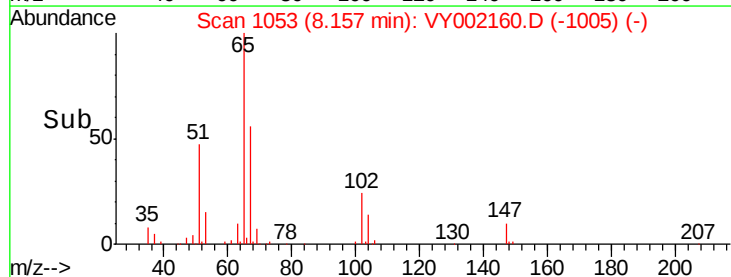
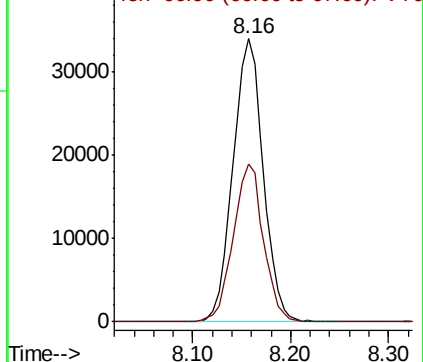
Ion Ratio Lower Upper

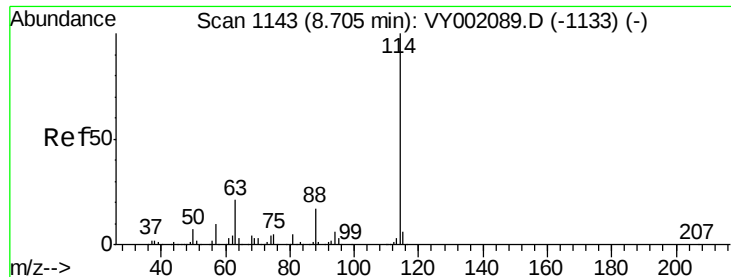
65 100

67 55.7 0.0 112.8



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

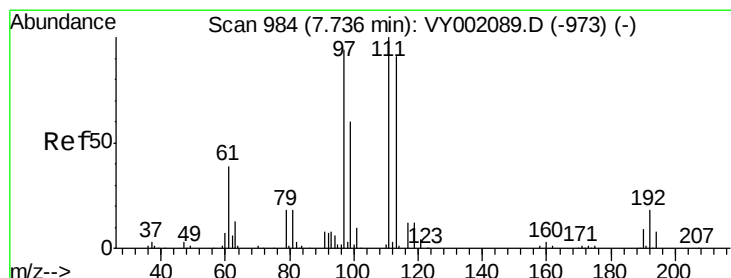
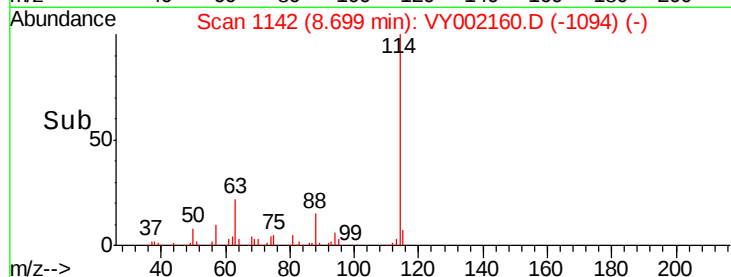
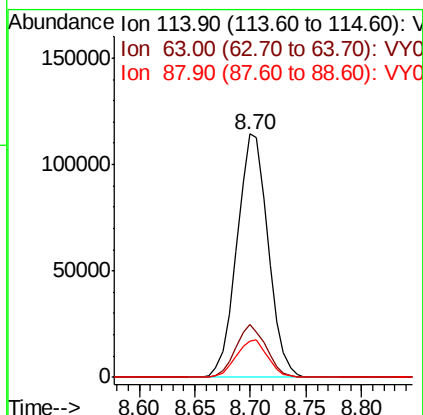
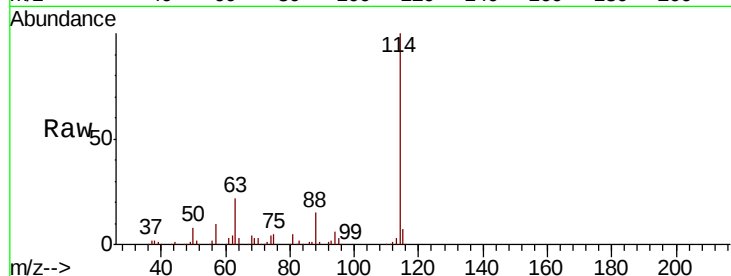




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

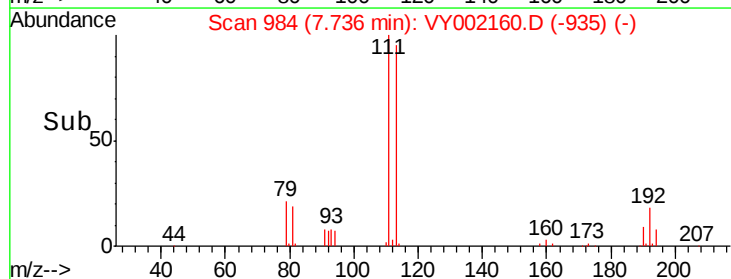
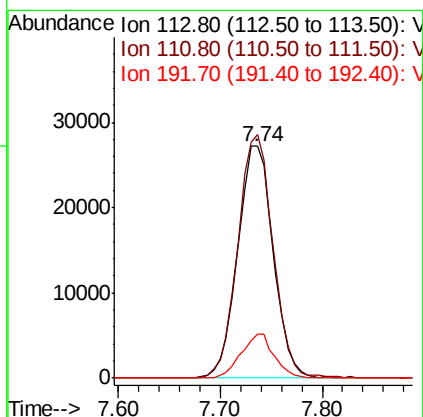
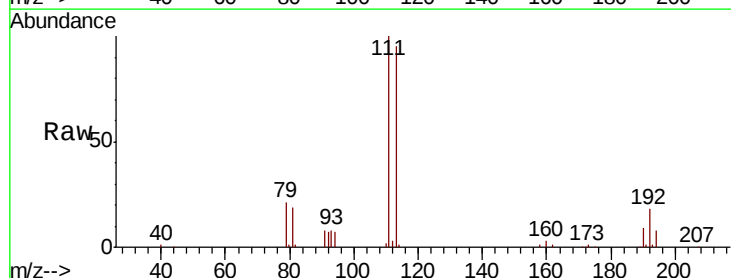
Instrument :
 MSVOA_Y
 ClientSampleId :

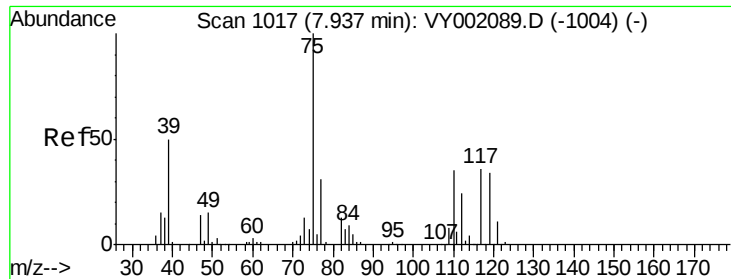
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.4
88	15.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.930 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	84.4	126.6
192	17.6	14.6	21.8

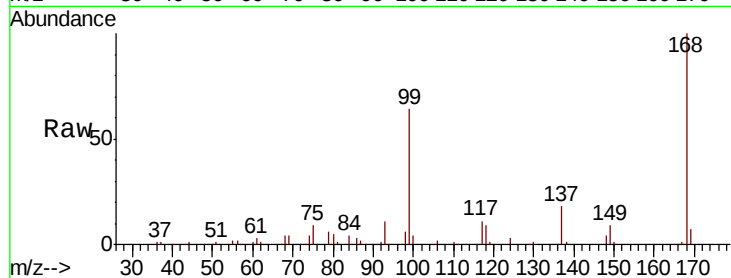




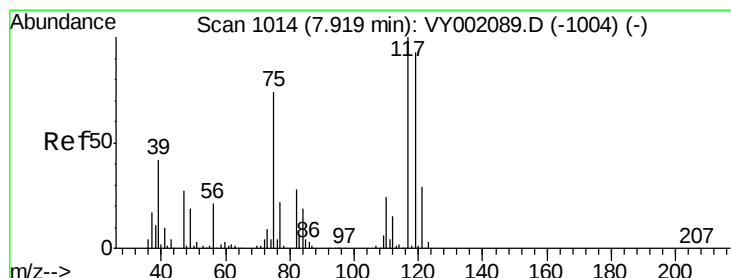
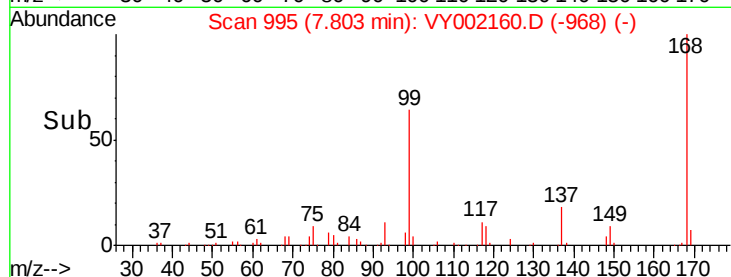
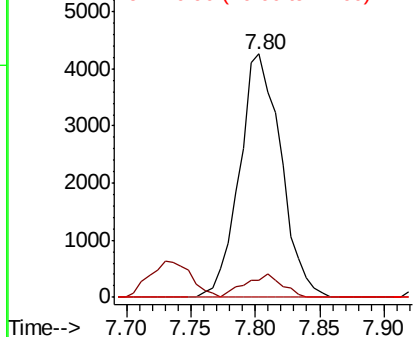
#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.2	51.6#
77	0.0	24.7	37.1#

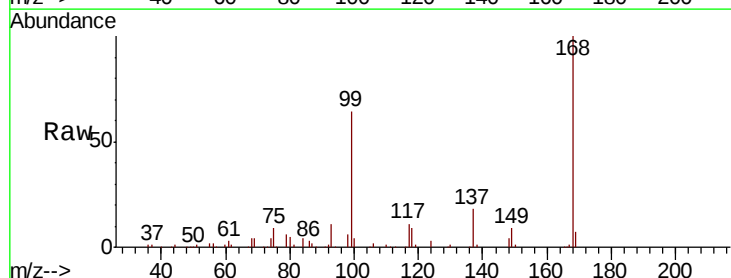


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

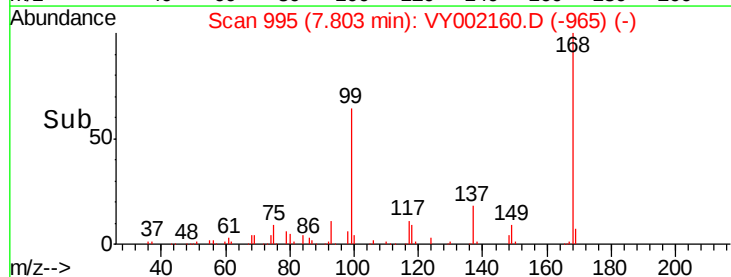
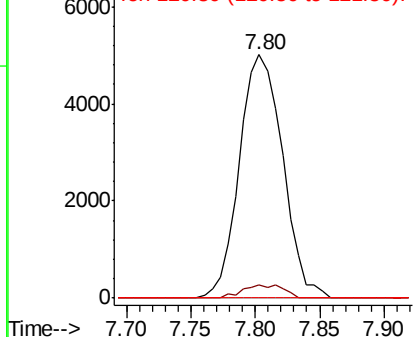


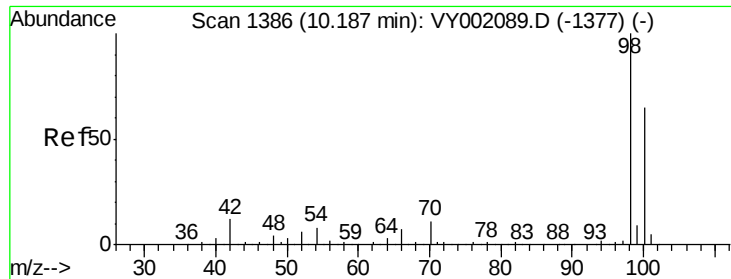
#38
 Carbon Tetrachloride
 Concen: 6.545 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	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: 52.618 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

Instrument :

MSVOA_Y

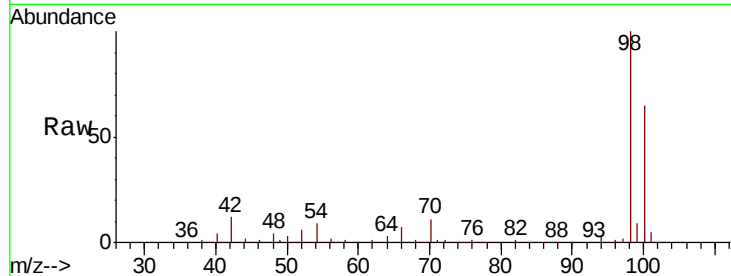
ClientSampleId :

Tot Ion: 98 Resp: 271975

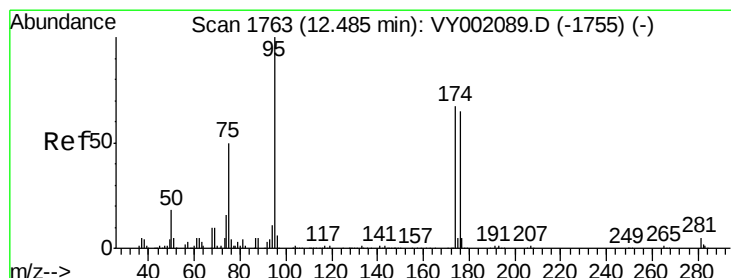
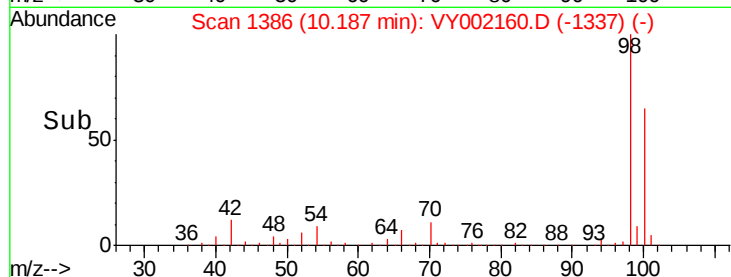
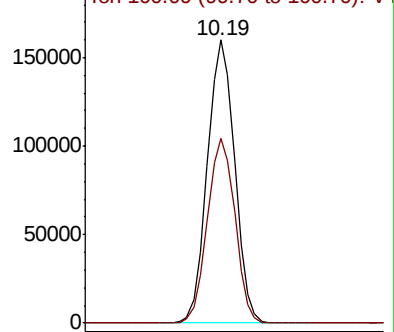
Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



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



#62

4-Bromofluorobenzene

Concen: 51.675 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

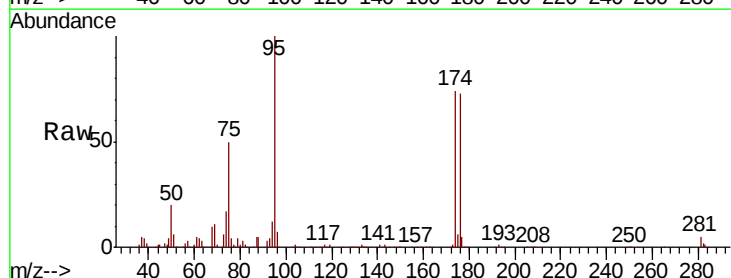
Tgt Ion: 95 Resp: 93413

Ion Ratio Lower Upper

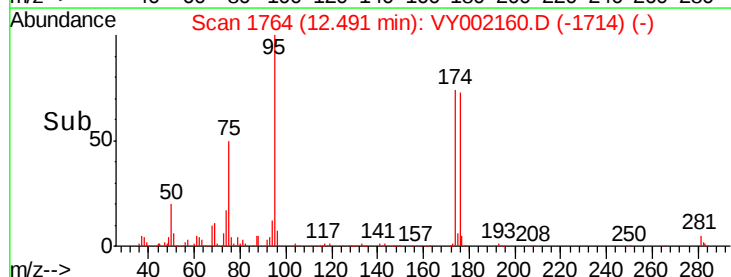
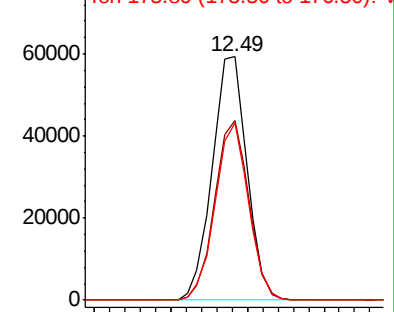
95 100

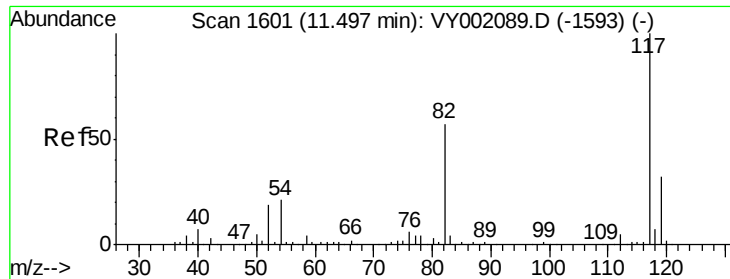
174 72.6 0.0 143.4

176 70.3 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

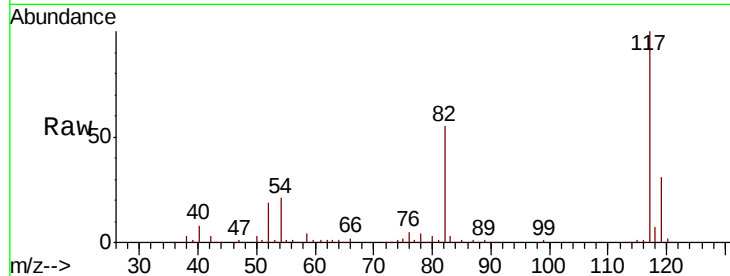




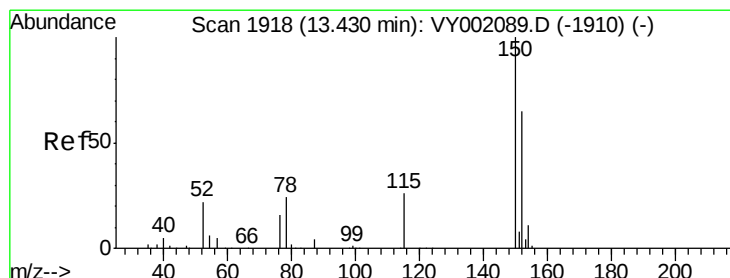
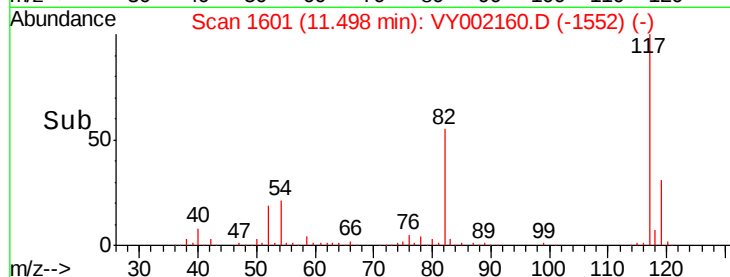
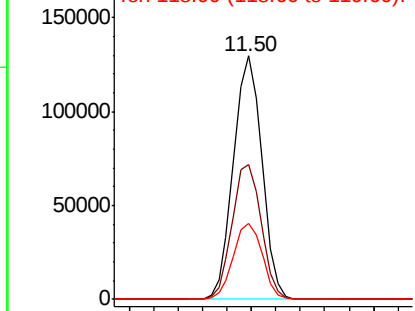
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:117 Resp: 209018
 Ion Ratio Lower Upper
 117 100
 82 55.1 45.4 68.2
 119 31.0 25.3 37.9

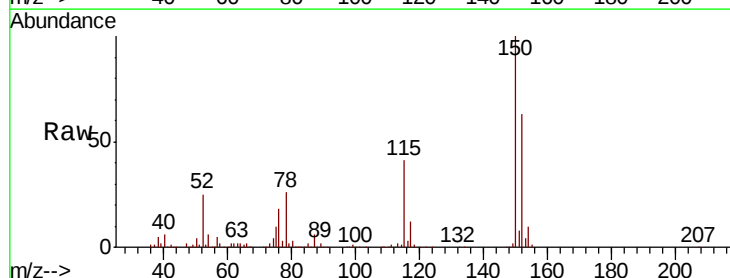


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VY0
 Ion 118.90 (118.60 to 119.60): V

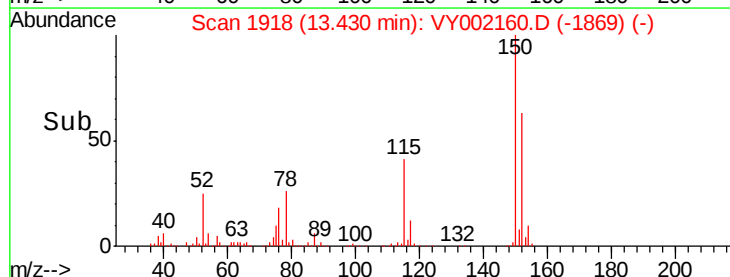
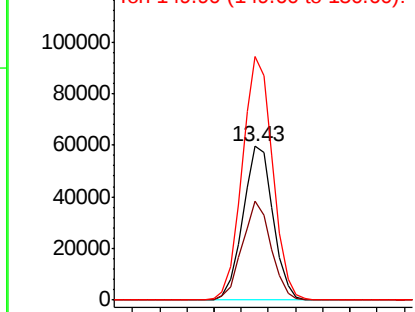


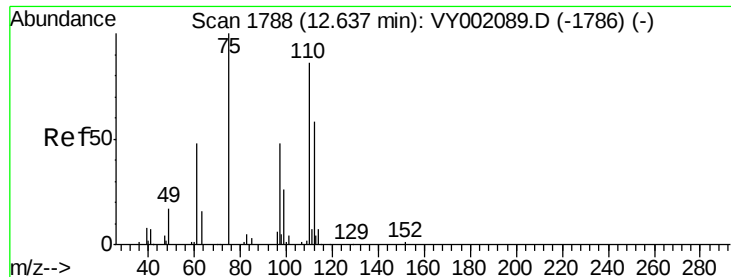
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VY002160.D
 Acq: 01 Apr 2020 14:12

Tgt Ion:152 Resp: 92130
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.2 93.6
 150 158.9 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: 46.859 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

Instrument :

MSVOA_Y

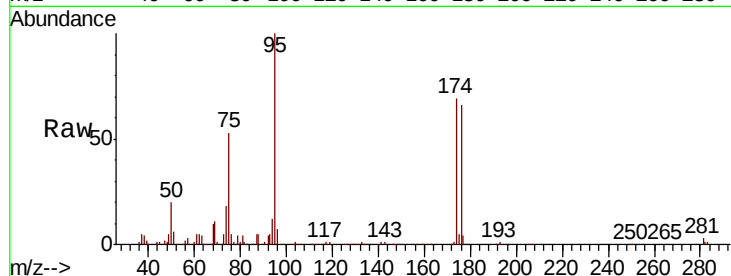
ClientSampleId :

Tot Ion: 75 Resp: 48291

Ion Ratio Lower Upper

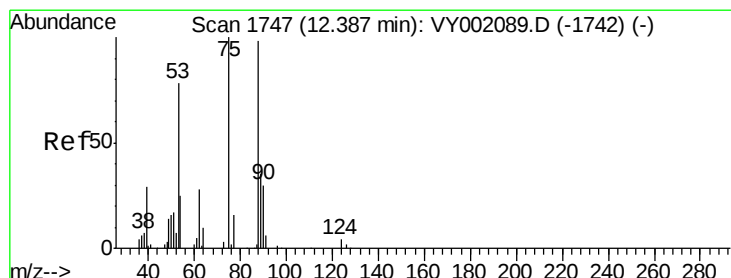
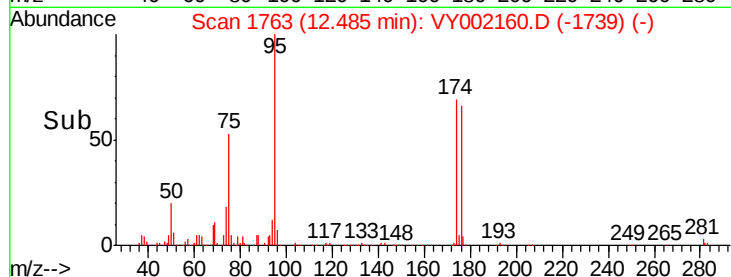
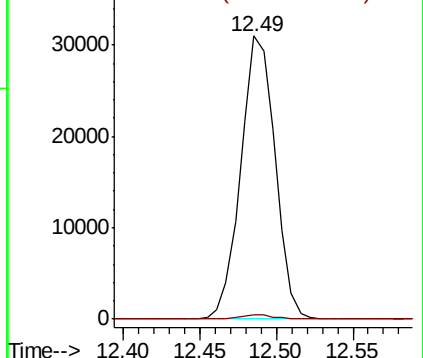
75 100

77 1.5 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: 90.782 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002160.D

Acq: 01 Apr 2020 14:12

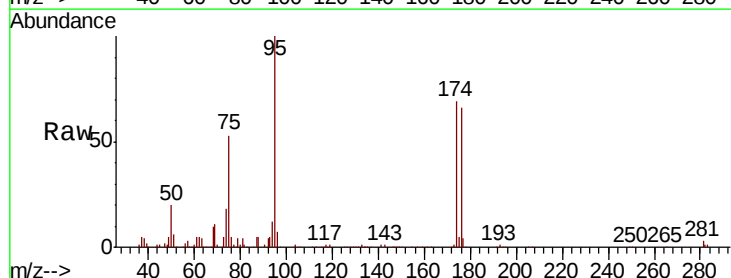
Tgt Ion: 75 Resp: 48291

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

