

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002188.D
 Acq On : 02 Apr 2020 13:46
 Operator : SY/MD
 Sample : L2135-01
 Misc : 8.14G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 03 03:14:11 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	54837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	94085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	77940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	33333	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	26753	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	
35) Dibromofluoromethane	7.74	113	26491	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
50) Toluene-d8	10.19	98	113757	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.49	95	33591	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	

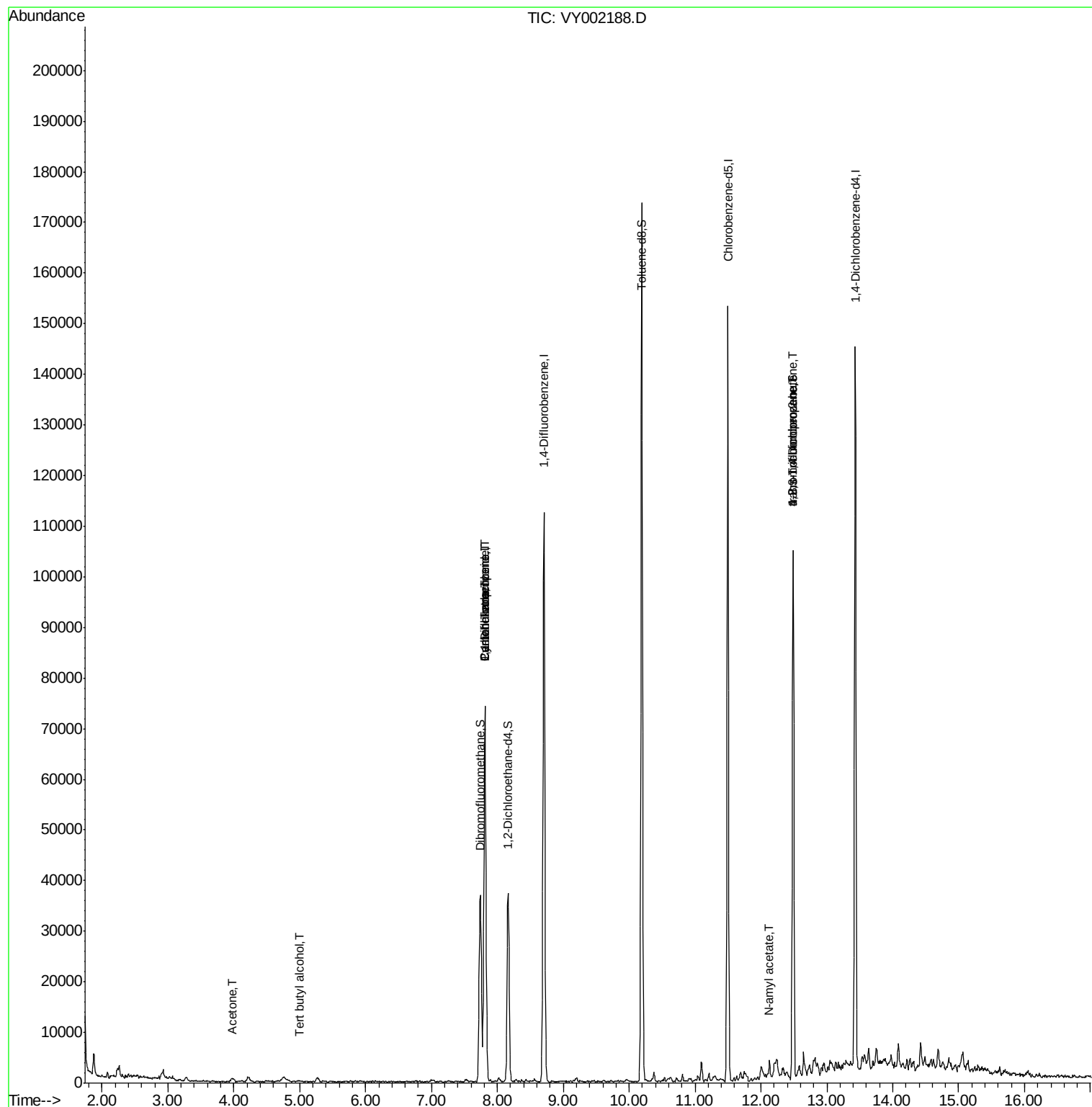
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	392	5.487	ug/l #	74
16) Acetone	3.97	43	1101	6.465	ug/l	93
20) Methylene Chloride	4.74	84	642	Below Cal	#	63
31) Cyclohexane	7.82	56	1950	1.544	ug/l #	53
36) 1,1-Dichloropropene	7.82	75	4710	5.293	ug/l #	49
38) Carbon Tetrachloride	7.81	117	5704	7.555	ug/l #	21
74) N-amyl acetate	12.13	43	1026	1.316	ug/l #	68
76) 1,2,3-Trichloropropane	12.49	75	17563	47.103	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	17563	91.256	ug/l #	17

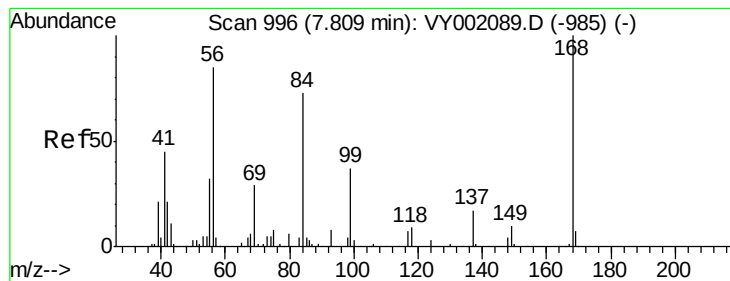
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 03:14:11 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: VY002188.D

Acq: 02 Apr 2020 13:46

Instrument :

MSVOA_Y

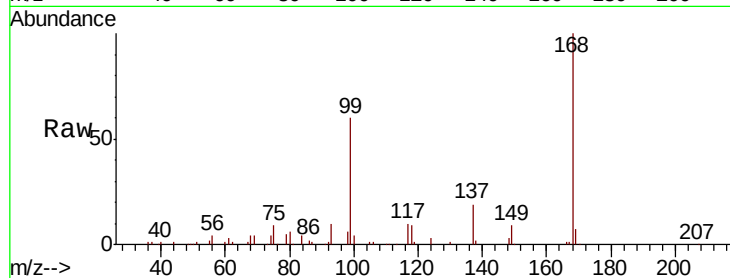
ClientSampleId :

Tot Ion:168 Resp: 54837

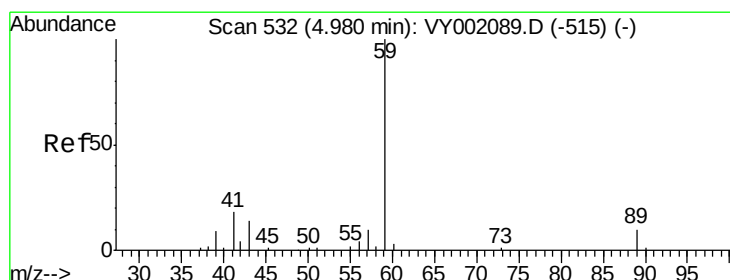
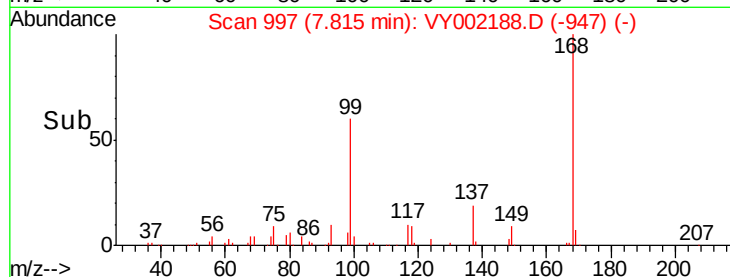
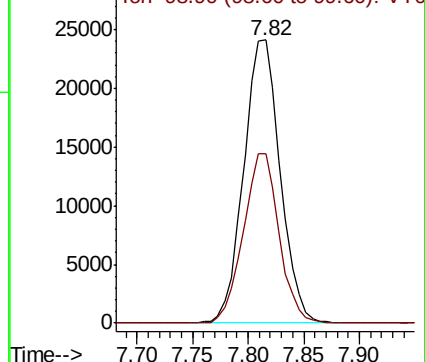
Ion Ratio Lower Upper

168 100

99 60.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002188.D (-947) (-)



#11

Tert butyl alcohol

Concen: 5.487 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY002188.D

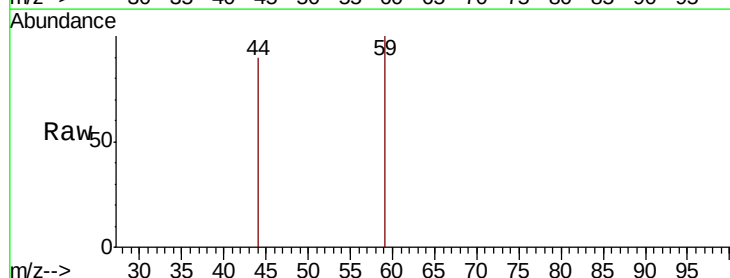
Acq: 02 Apr 2020 13:46

Tgt Ion: 59 Resp: 392

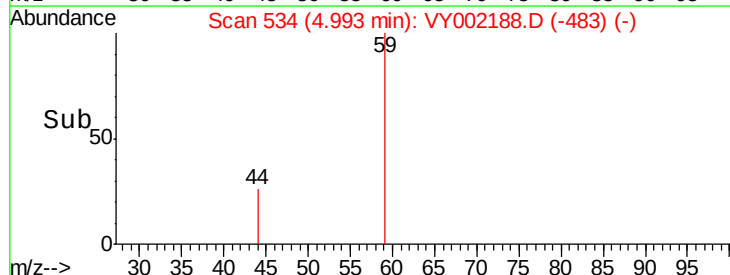
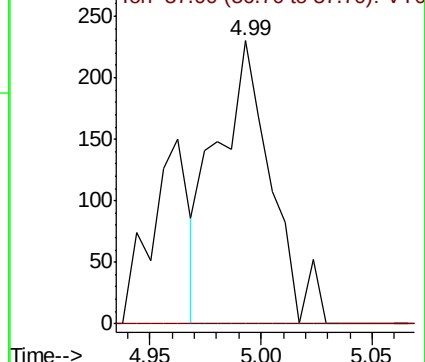
Ion Ratio Lower Upper

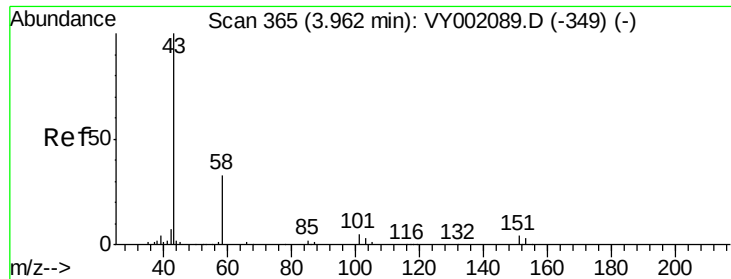
59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002188.D (-483) (-)





#16

Acetone

Concen: 6.465 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002188.D

Acq: 02 Apr 2020 13:46

Instrument :

MSVOA_Y

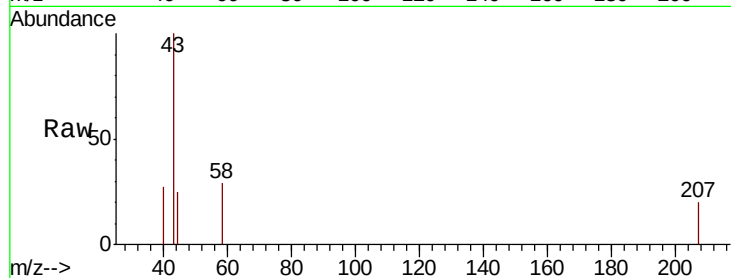
ClientSampled :

Tot Ion: 43 Resp: 1101

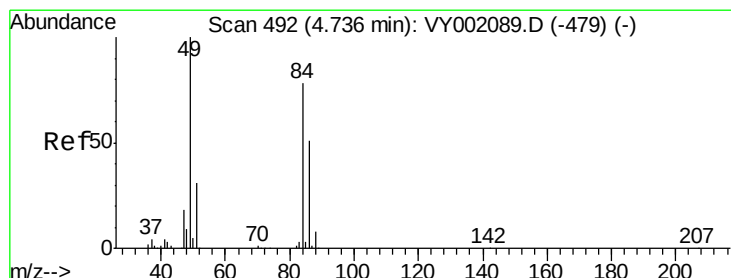
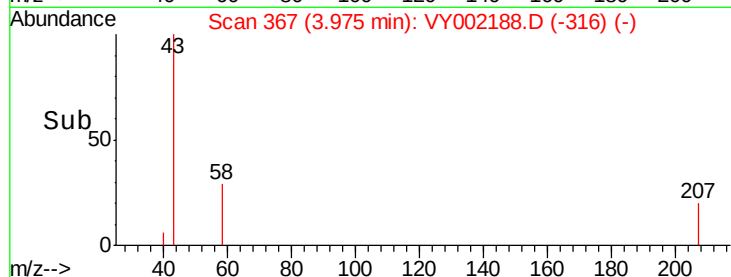
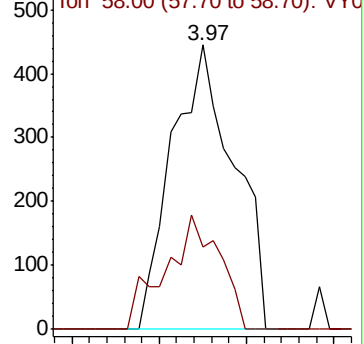
Ion Ratio Lower Upper

43 100

58 28.8 26.3 39.5



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



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. 0.01 min

Lab File: VY002188.D

Acq: 02 Apr 2020 13:46

Tgt Ion: 84 Resp: 642

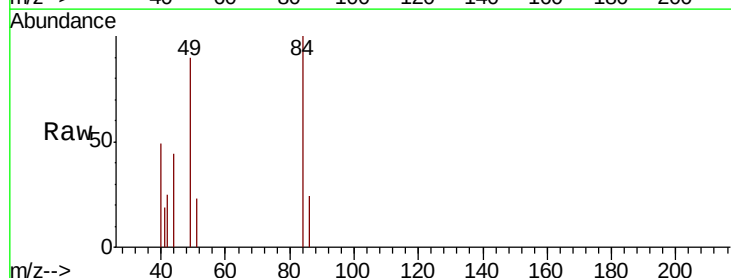
Ion Ratio Lower Upper

84 100

49 89.7 102.2 153.4#

51 22.9 31.2 46.8#

86 23.9 52.6 78.8#

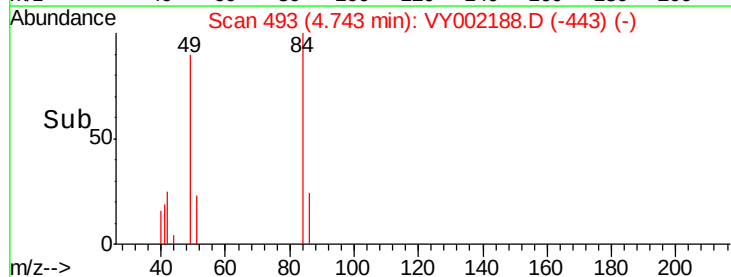
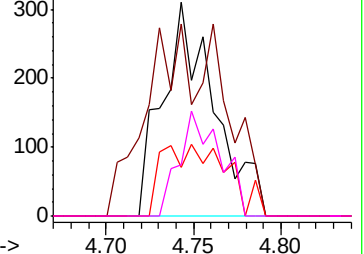


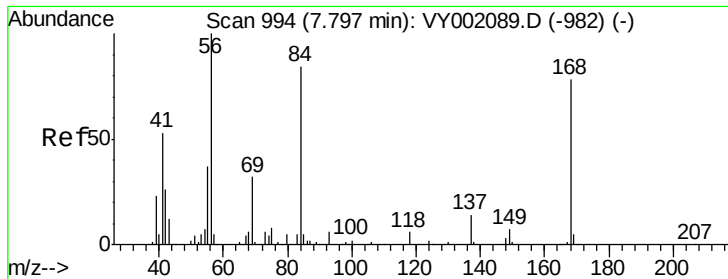
Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

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) (-)

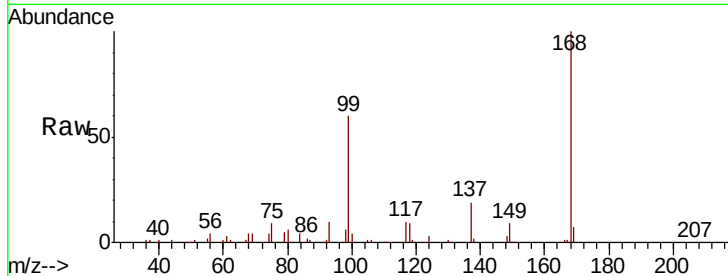




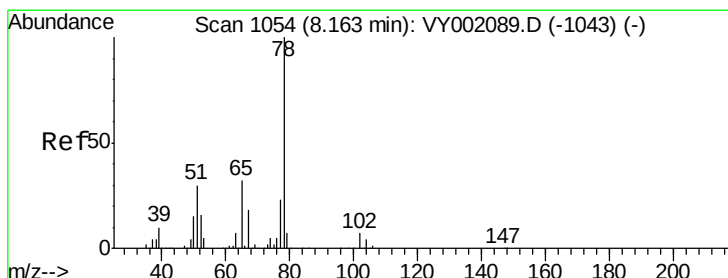
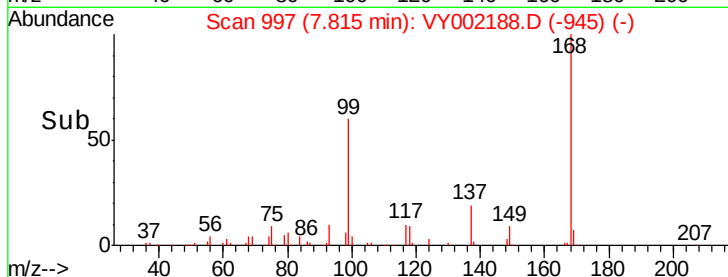
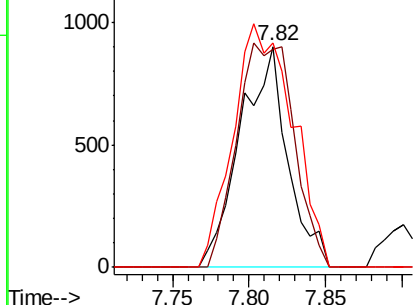
#31
Cyclohexane
Concen: 1.544 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 98.3 25.8 38.8#
84 101.2 67.1 100.7#

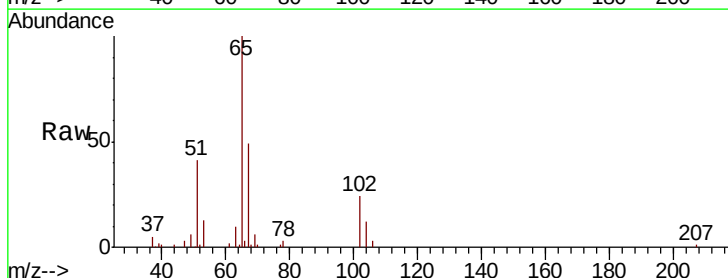


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

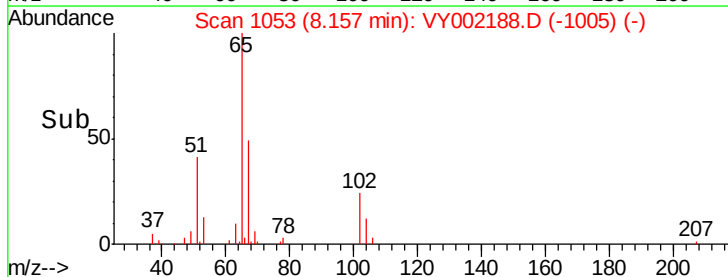
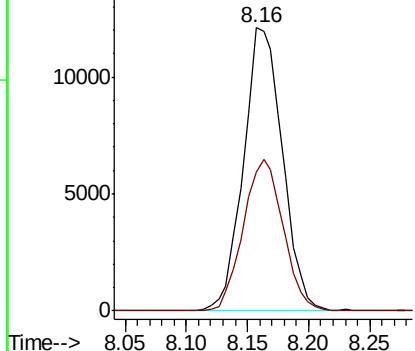


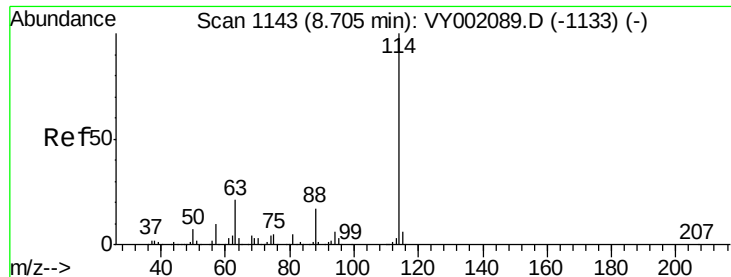
#33
1,2-Dichloroethane-d4
Concen: 44.132 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

Tgt Ion: 65 Resp: 26753
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.8



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

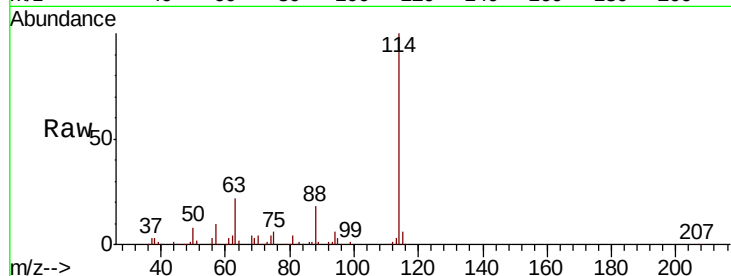




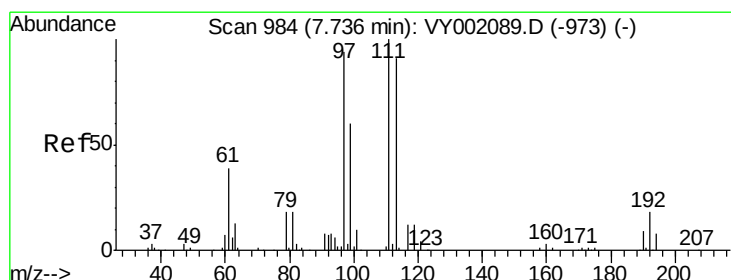
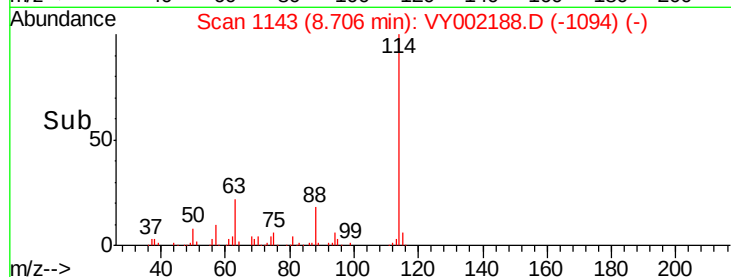
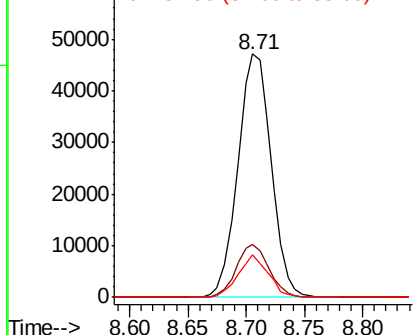
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002188.D
 Acq: 02 Apr 2020 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.4
88	17.6	0.0	33.0

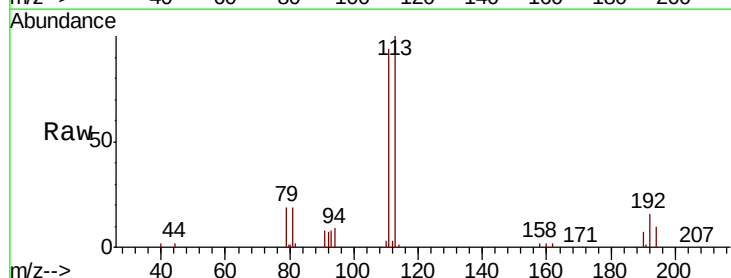


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

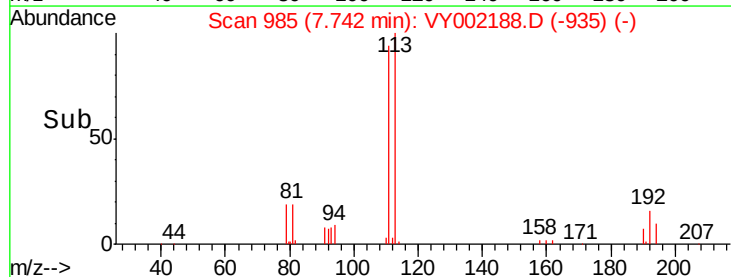
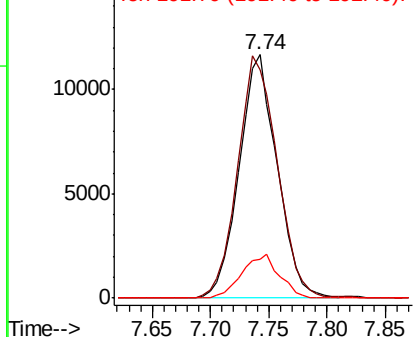


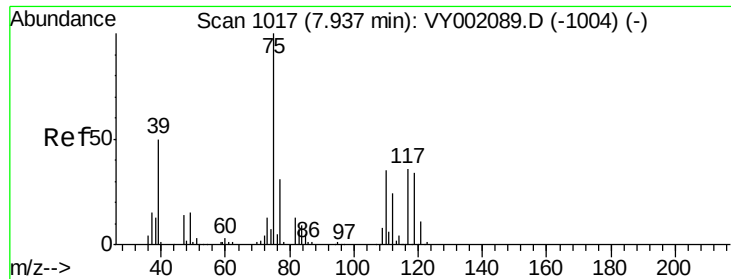
#35
 Dibromofluoromethane
 Concen: 50.251 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002188.D
 Acq: 02 Apr 2020 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.4	126.6
192	17.5	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

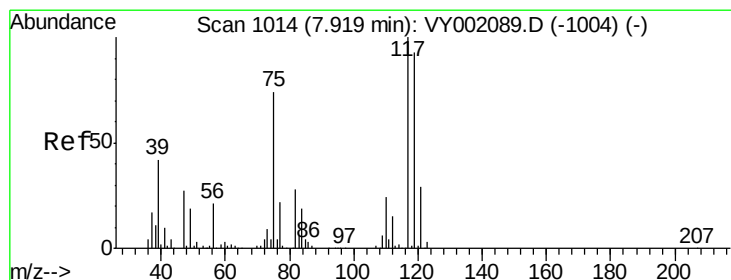
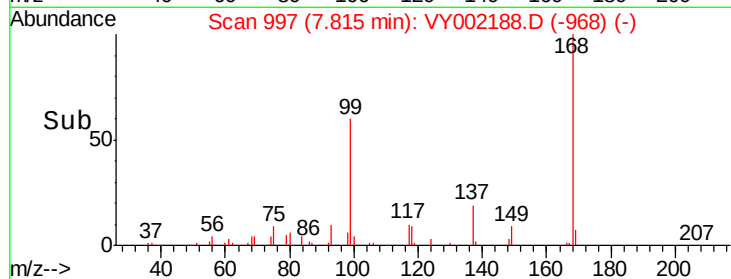
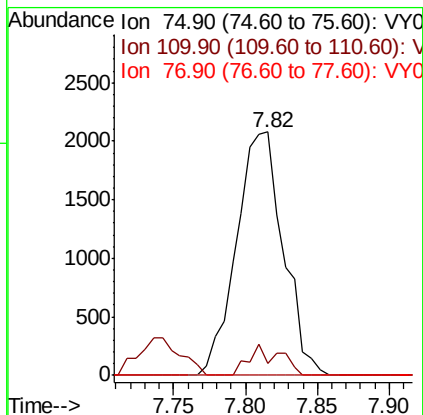
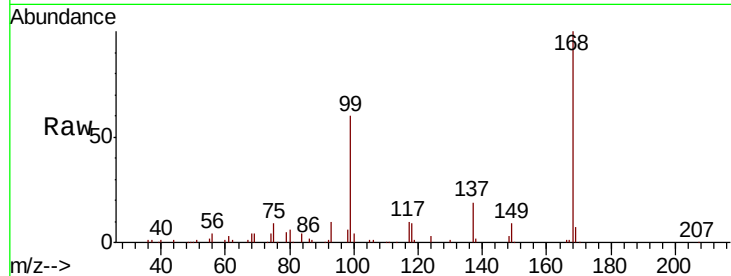




#36
 1,1-Dichloropropene
 Concen: 5.293 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002188.D
 Acq: 02 Apr 2020 13:46

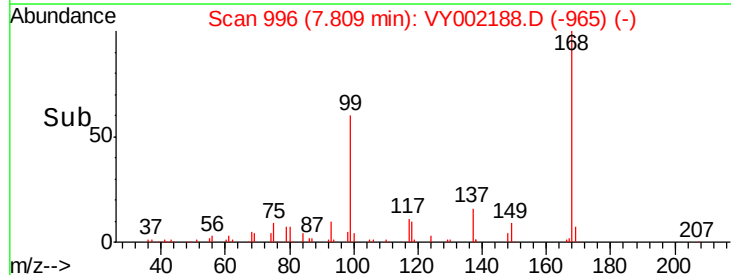
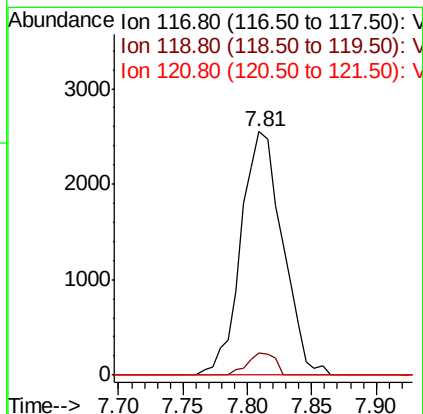
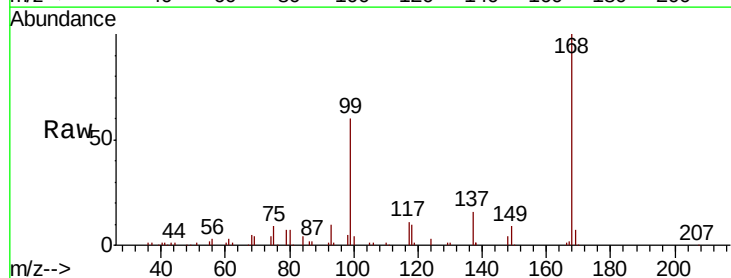
Instrument :
 MSVOA_Y
 ClientSampleId :

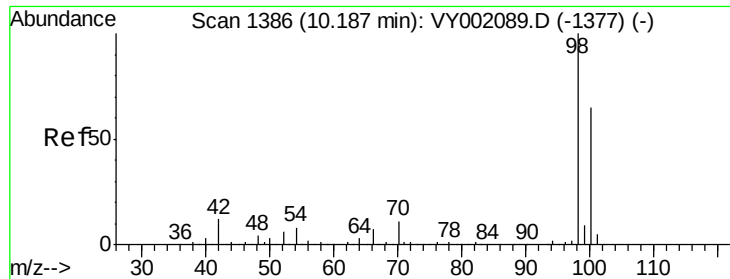
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 7.555 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002188.D
 Acq: 02 Apr 2020 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	9.2	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 51.944 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002188.D

Acq: 02 Apr 2020 13:46

Instrument :

MSVOA_Y

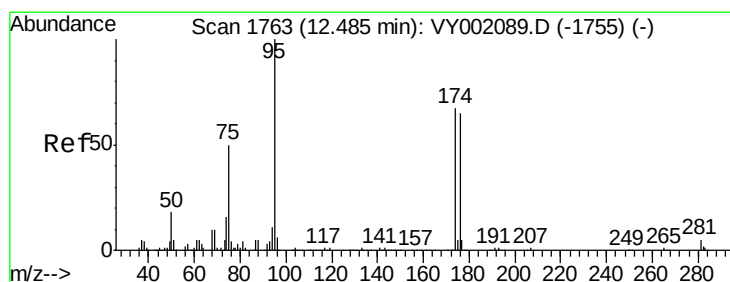
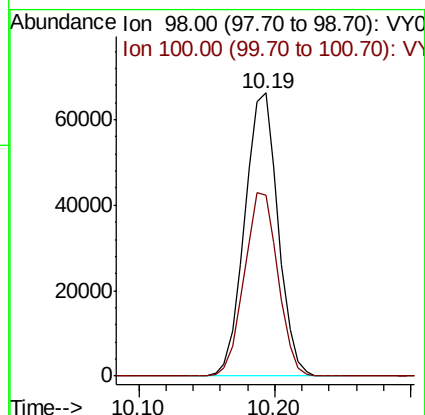
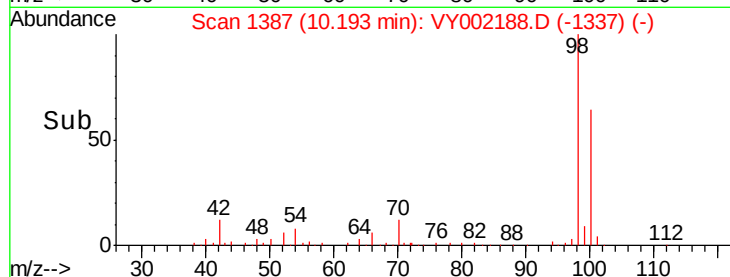
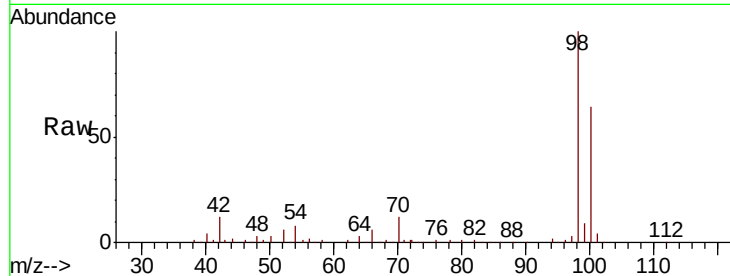
ClientSampleId :

Tot Ion: 98 Resp: 113757

Ion Ratio Lower Upper

98 100

100 65.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.857 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002188.D

Acq: 02 Apr 2020 13:46

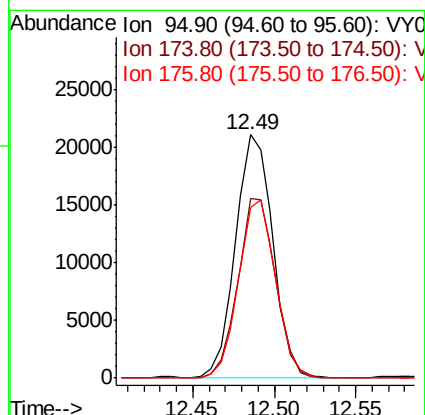
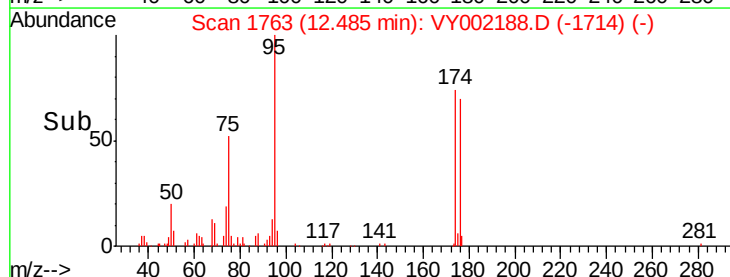
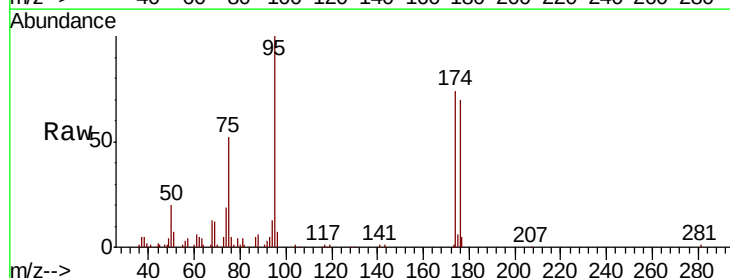
Tgt Ion: 95 Resp: 33591

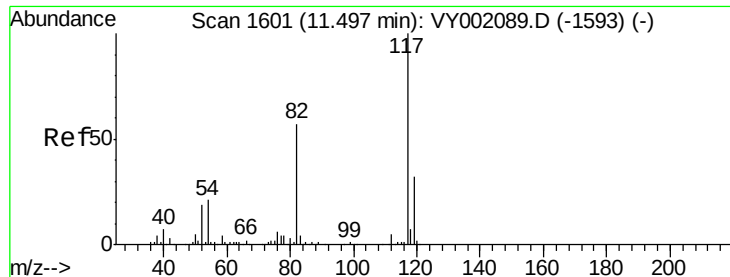
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.4

176 72.6 0.0 137.0

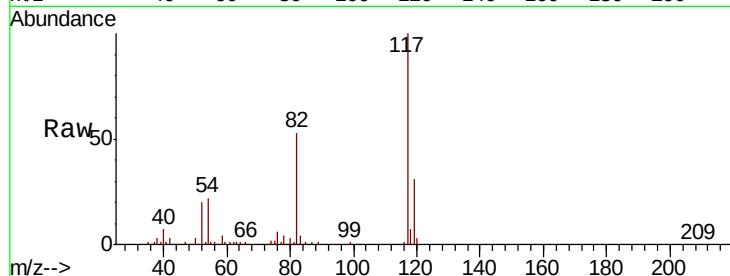




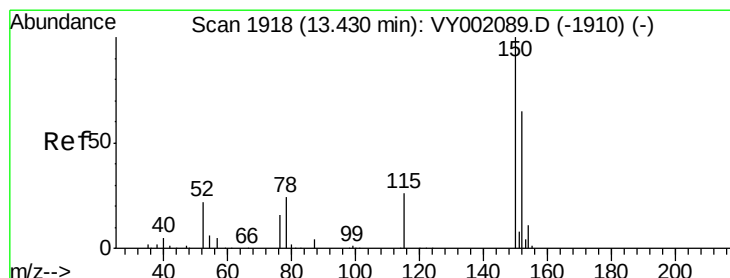
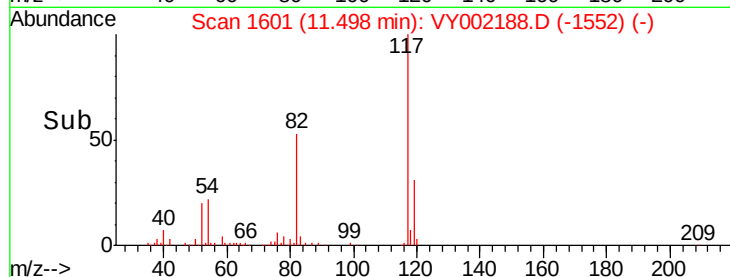
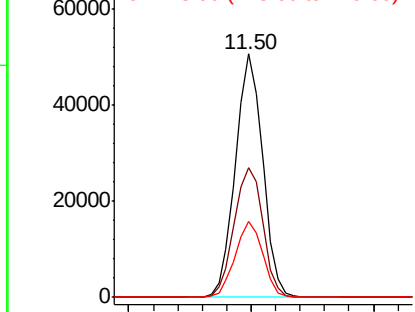
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 77940
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.2
119 31.2 25.3 37.9

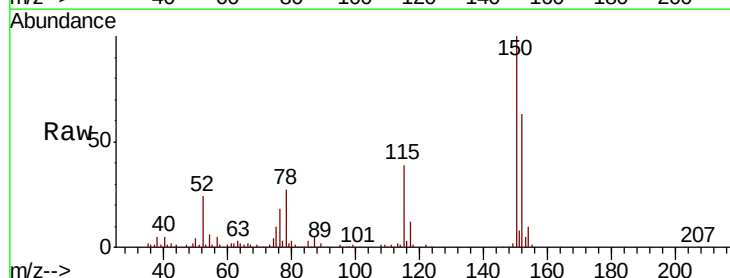


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

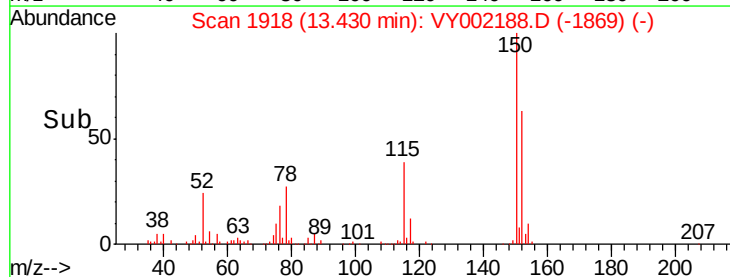
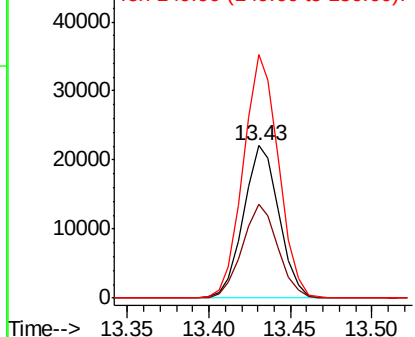


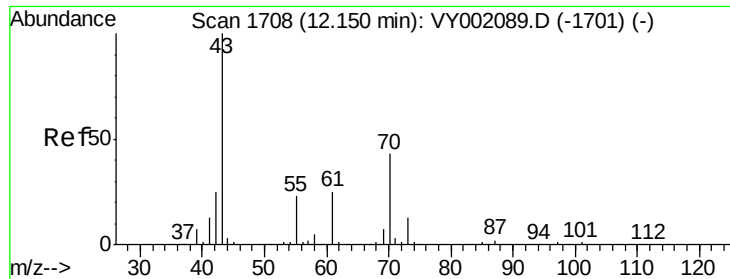
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

Tgt Ion:152 Resp: 33333
Ion Ratio Lower Upper
152 100
115 62.2 31.2 93.6
150 158.5 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

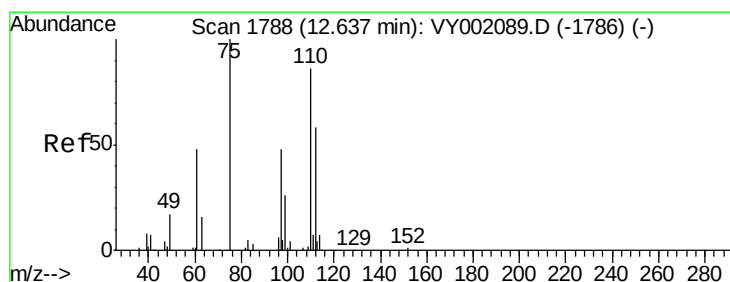
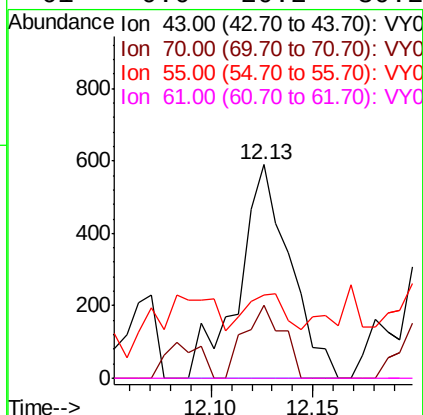
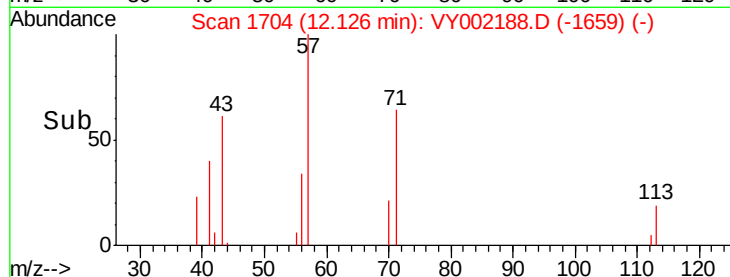
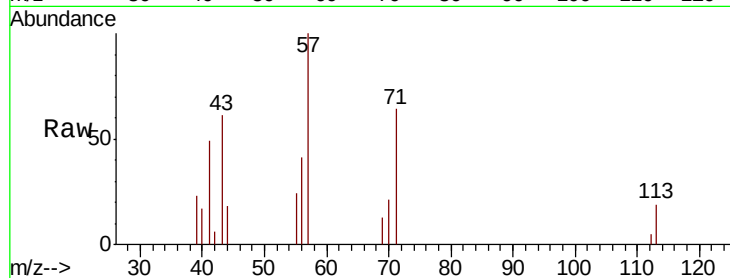




#74
N-amvl acetate
Concen: 1.316 ug/l
RT: 12.13 min Scan# 1704
Delta R.T. -0.02 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

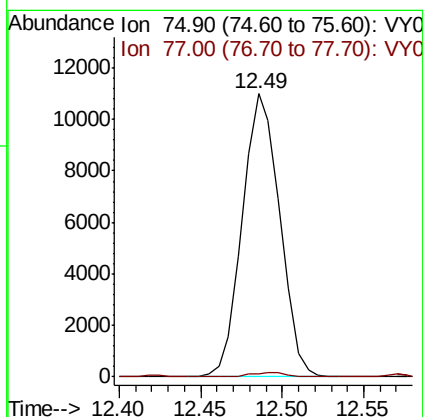
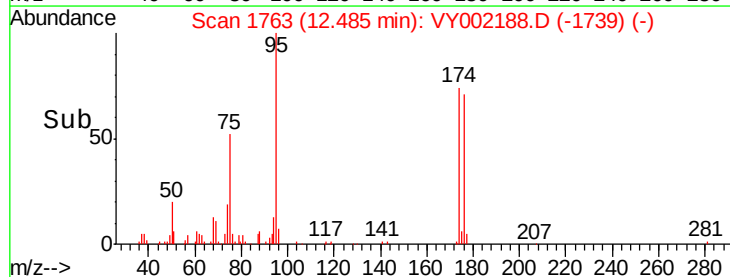
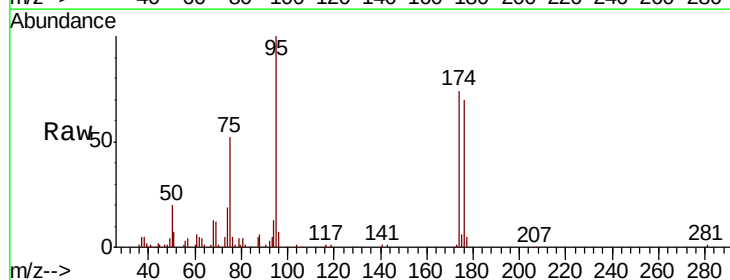
Instrument :
MSVOA_Y
ClientSampled :

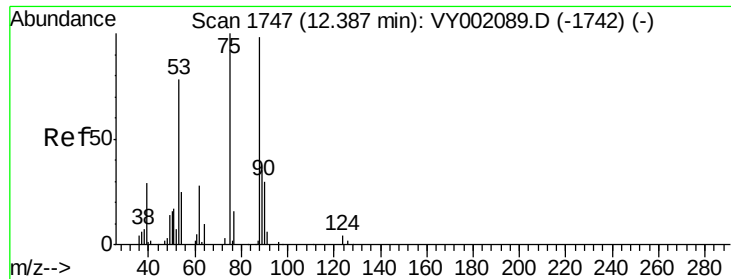
Tot Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
70 25.6 35.0 52.4#
55 14.0 18.7 28.1#
61 0.0 20.2 30.2#



#76
1,2,3-Trichloropropane
Concen: 47.103 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002188.D
Acq: 02 Apr 2020 13:46

Tgt Ion: 75 Resp: 17563
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 91.256 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002188.D

Acq: 02 Apr 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 17563

Ion Ratio Lower Upper

75 100

53 0.2 65.0 97.4#

89 0.0 33.4 50.0#

