

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001315.D
 Acq On : 20 Jan 2020 22:33
 Operator : SY/MD
 Sample : L1211-01
 Misc : 7.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 21 07:05:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

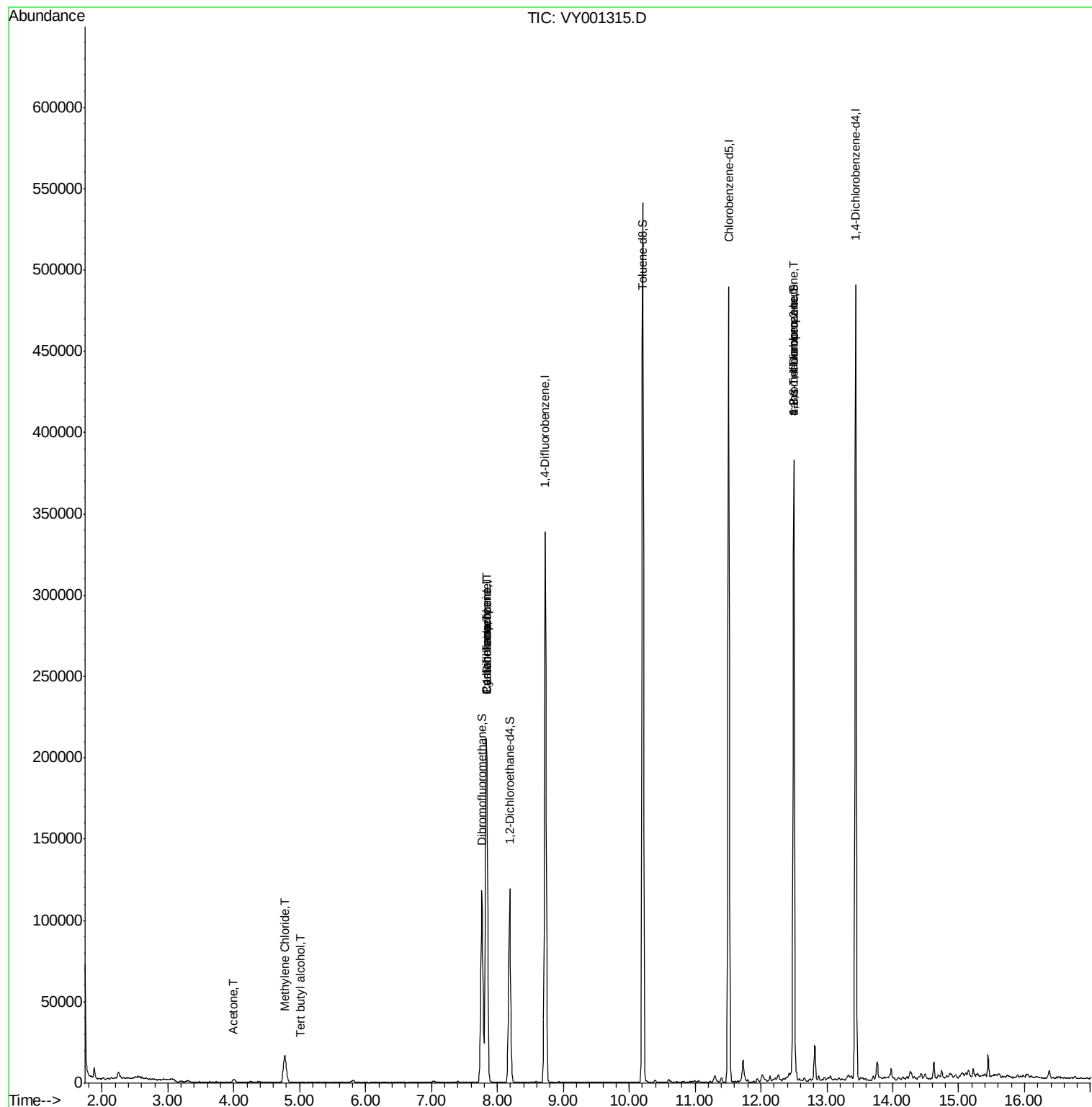
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	165659	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.73	114	295201	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	265205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	88779	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	7.77	113	85401	49.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	10.21	98	343789	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.50	95	125190	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.01	59	310	1.761	ug/l #	73
16) Acetone	3.99	43	3547	8.729	ug/l	96
20) Methylene Chloride	4.77	84	12835	1.411	ug/l	91
31) Cyclohexane	7.83	56	3608	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	12516	4.652	ug/l #	49
38) Carbon Tetrachloride	7.83	117	15981	6.481	ug/l #	14
76) 1,2,3-Trichloropropane	12.50	75	60926	47.153	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	60926	79.962	ug/l #	6

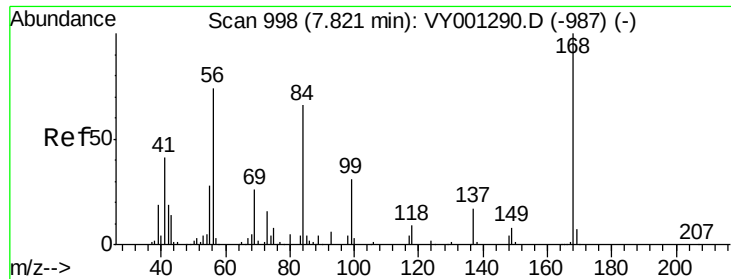
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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Quant Title : SW846 8260
QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

Instrument :

MSVOA_Y

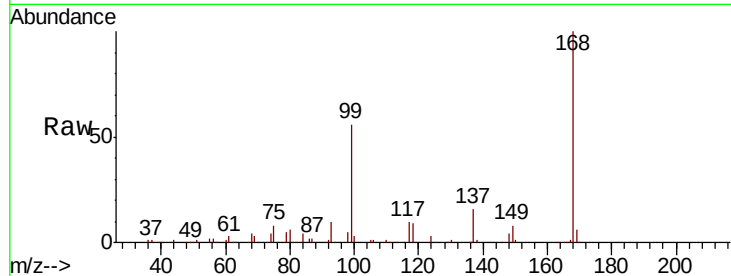
ClientSampleId :

Tot Ion:168 Resp: 165659

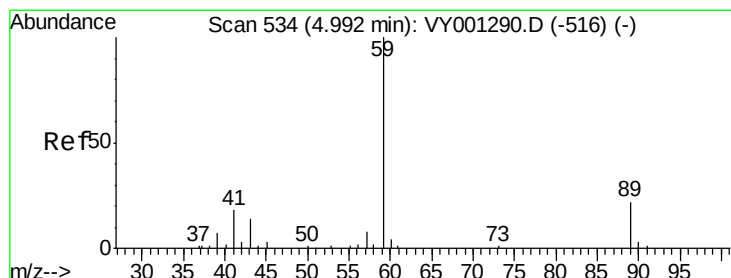
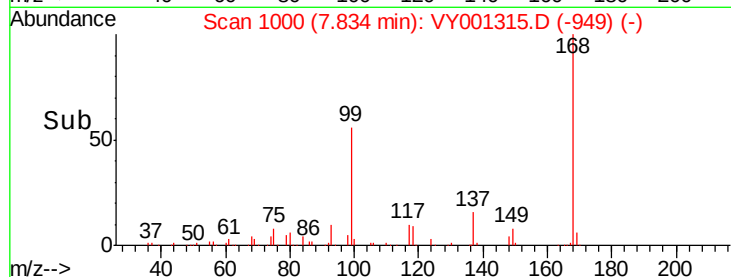
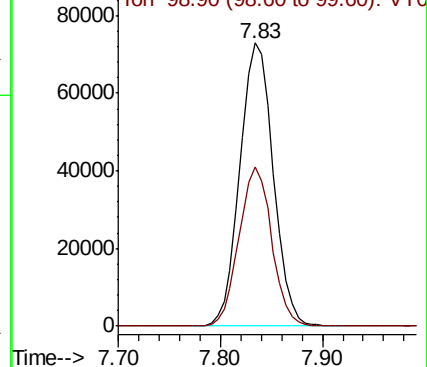
Ion Ratio Lower Upper

168 100

99 56.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001290.D (-987) (-)



#11

Tert butyl alcohol

Concen: 1.761 ug/l

RT: 5.01 min Scan# 537

Delta R.T. 0.02 min

Lab File: VY001315.D

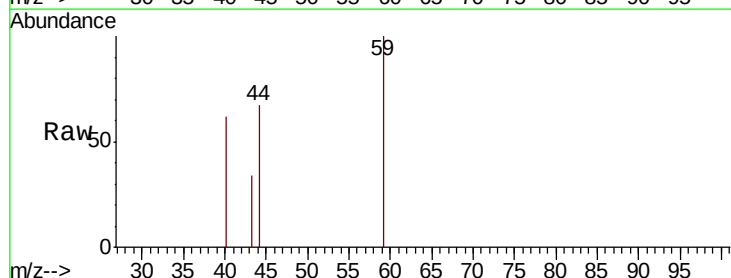
Acq: 20 Jan 2020 22:33

Tgt Ion: 59 Resp: 310

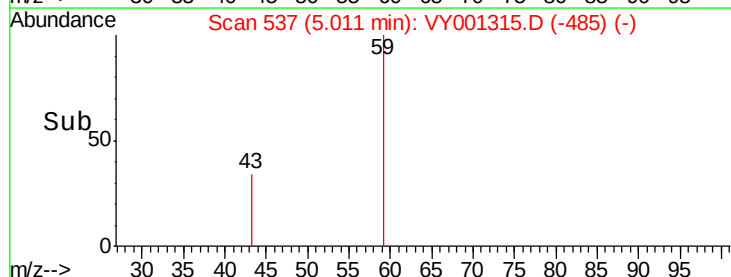
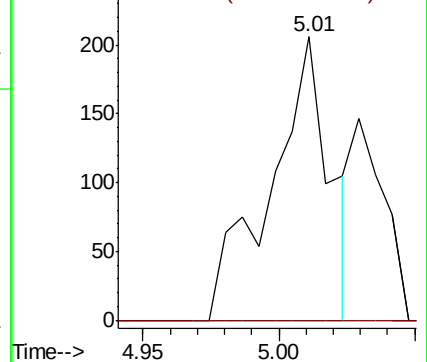
Ion Ratio Lower Upper

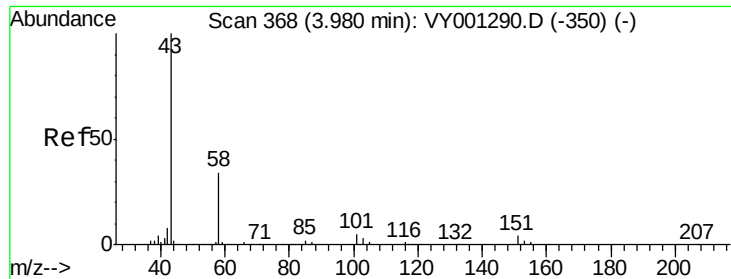
59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001290.D (-516) (-)





#16

Acetone

Concen: 8.729 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

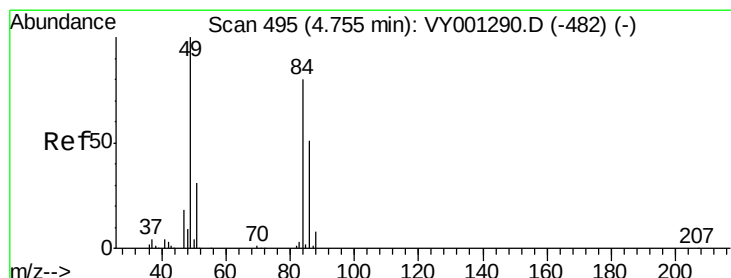
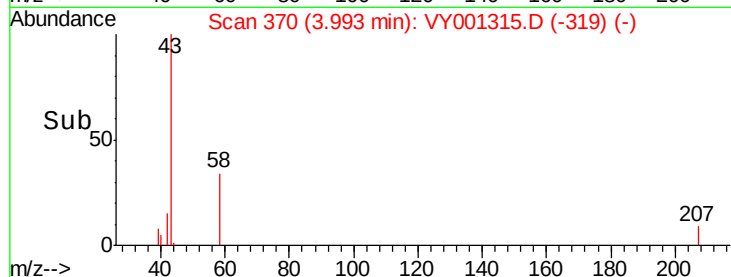
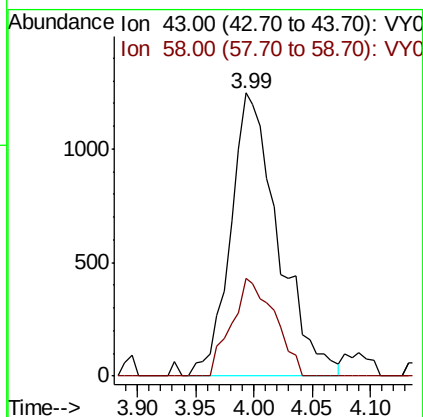
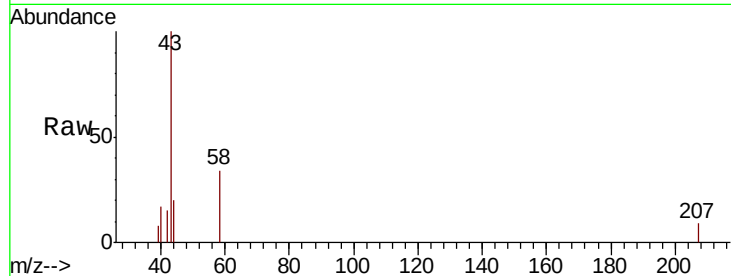
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 3547

Ion Ratio Lower Upper

43 100

58 34.3 25.8 38.6



#20

Methylene Chloride

Concen: 1.411 ug/l

RT: 4.77 min Scan# 498

Delta R.T. 0.02 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

Tgt Ion: 84 Resp: 12835

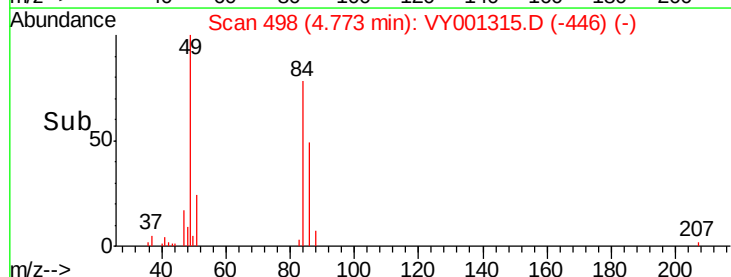
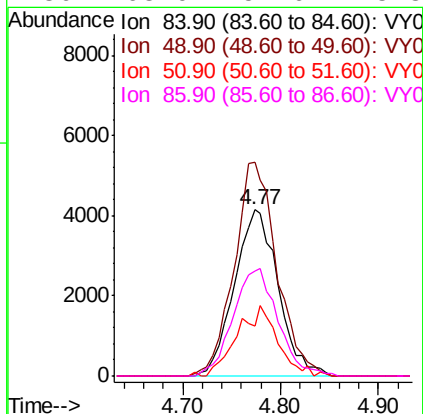
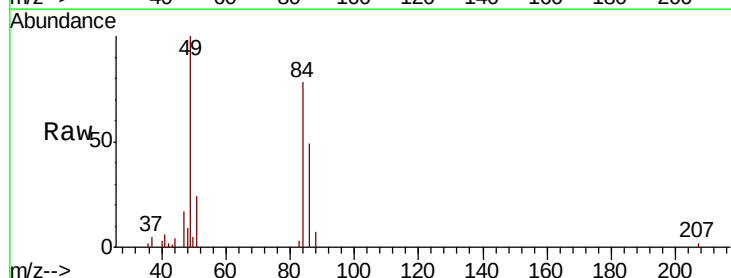
Ion Ratio Lower Upper

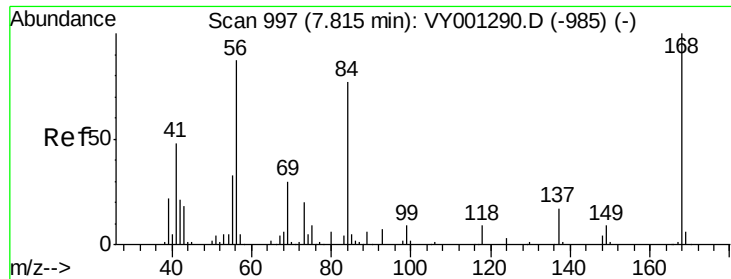
84 100

49 128.7 93.8 140.6

51 30.3 29.9 44.9

86 63.0 52.6 78.8

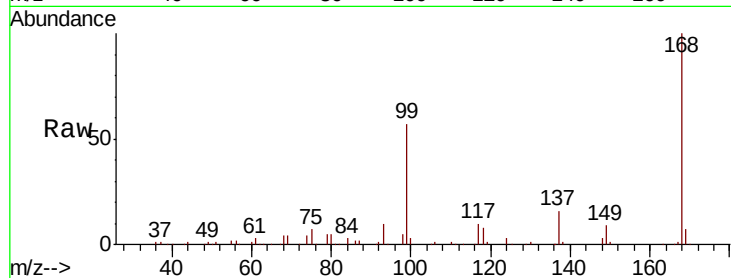




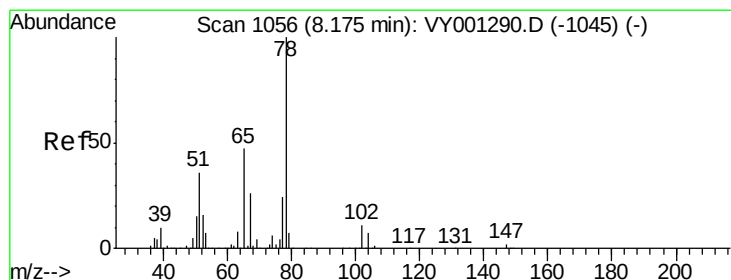
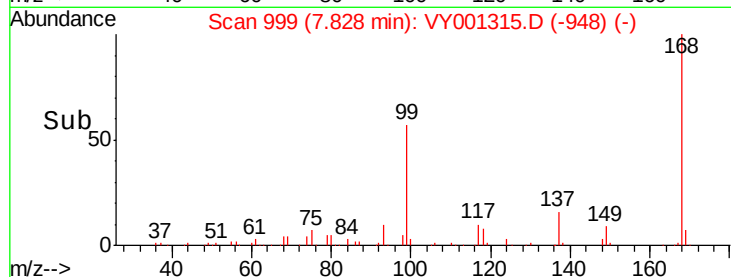
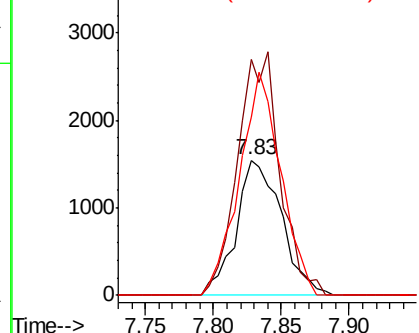
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.01 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3608
Ion Ratio Lower Upper
56 100
69 174.8 27.8 41.8#
84 131.4 68.9 103.3#

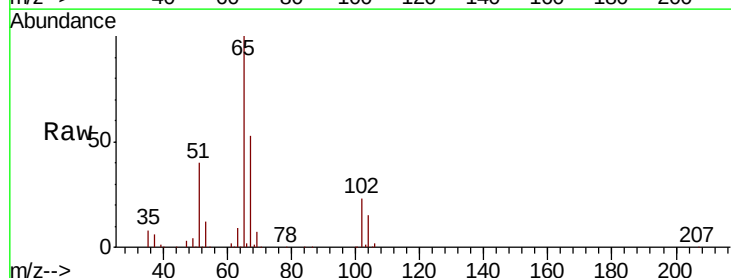


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

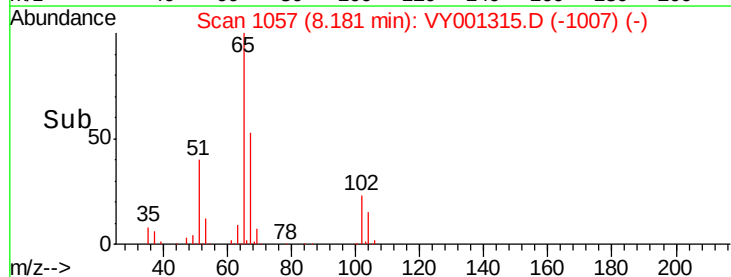
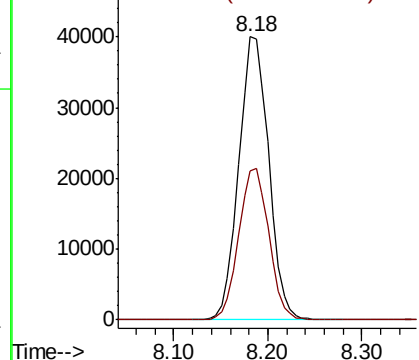


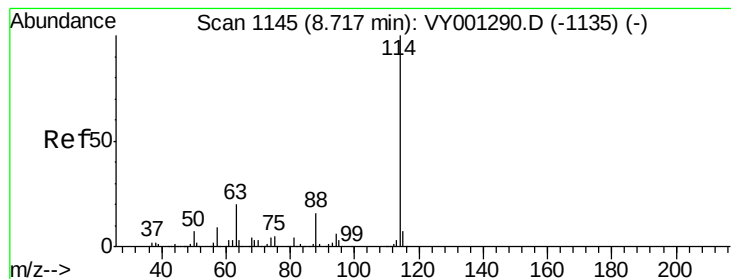
#33
1,2-Dichloroethane-d4
Concen: 50.741 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

Tgt Ion: 65 Resp: 88779
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.2



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: 8.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

Instrument :

MSVOA_Y

ClientSampleId :

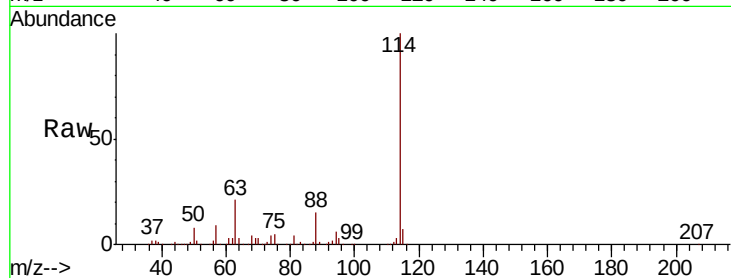
Tot Ion:114 Resp: 295201

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

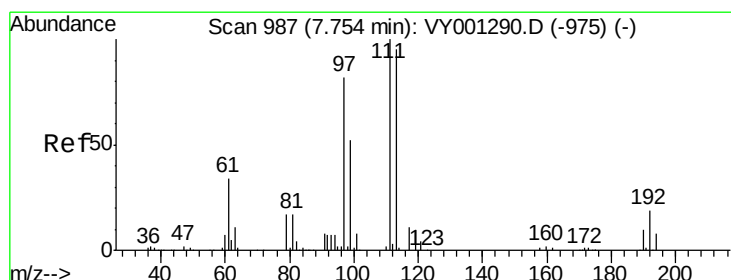
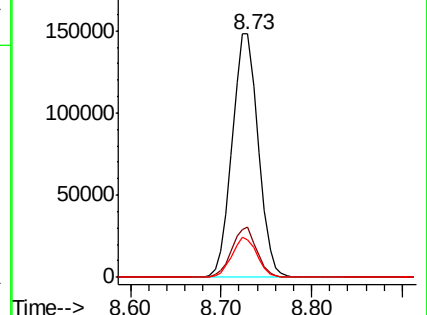
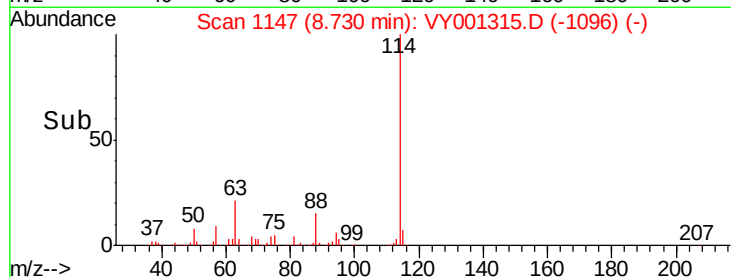
88 15.3 0.0 32.4



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: 49.411 ug/l

RT: 7.77 min Scan# 989

Delta R.T. 0.01 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

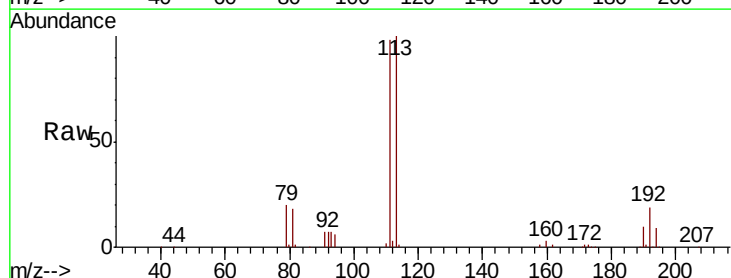
Tgt Ion:113 Resp: 85401

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

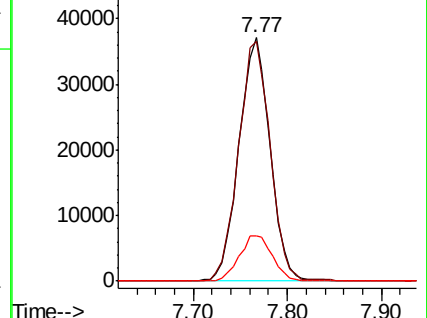
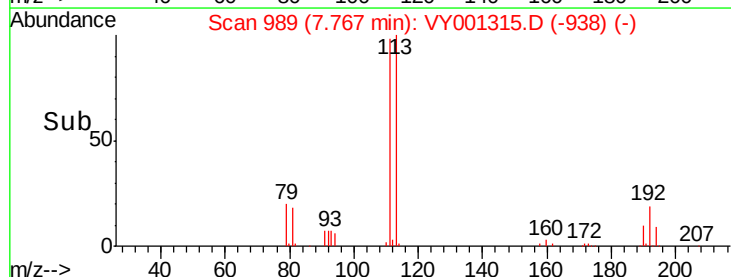
192 19.8 15.4 23.2

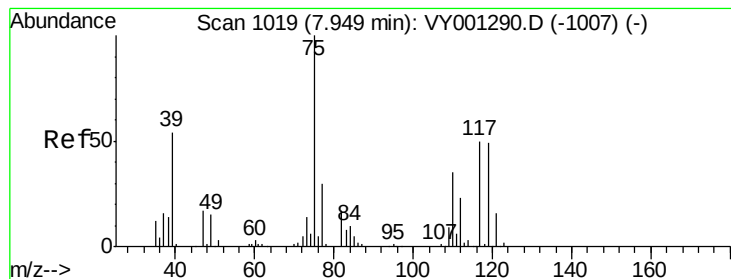


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. -0.12 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

Instrument :

MSVOA_Y

ClientSampleId :

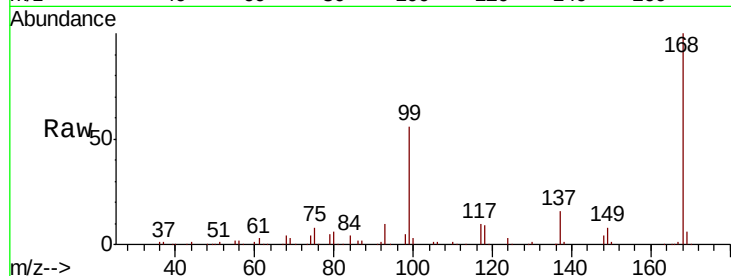
Tot Ion: 75 Resp: 12516

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

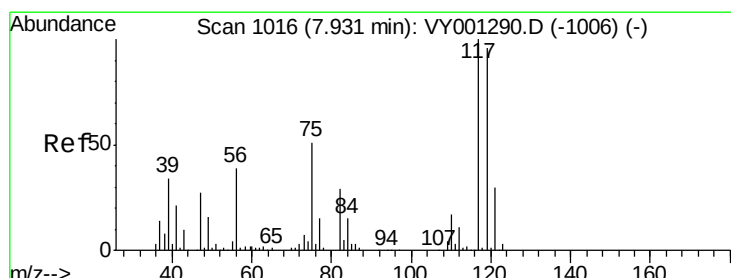
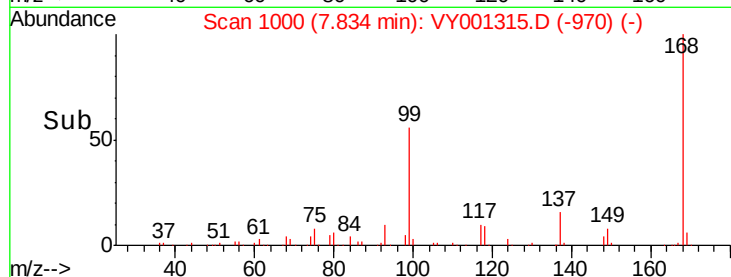
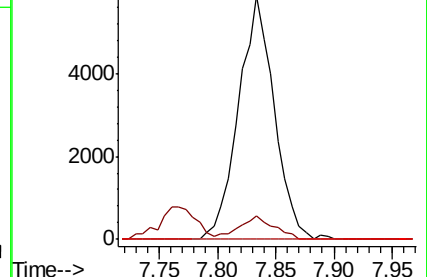
77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): VY001290.D (-1007) (-)

Ion 109.90 (109.60 to 110.60): VY001290.D (-1007) (-)

Ion 76.90 (76.60 to 77.60): VY001290.D (-1007) (-)



#38

Carbon Tetrachloride

Concen: 6.481 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. -0.10 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

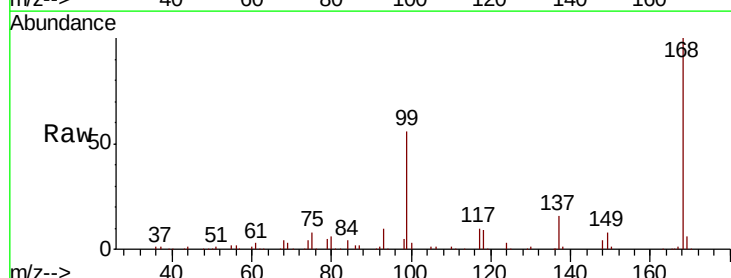
Tgt Ion: 117 Resp: 15981

Ion Ratio Lower Upper

117 100

119 3.6 78.3 117.5#

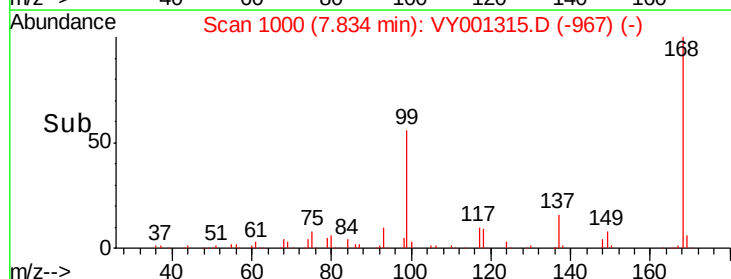
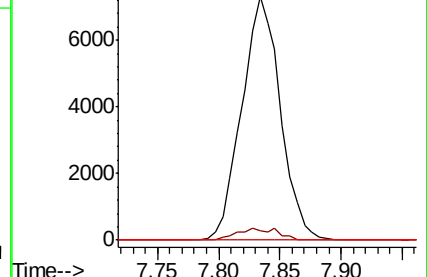
121 0.0 23.5 35.3#

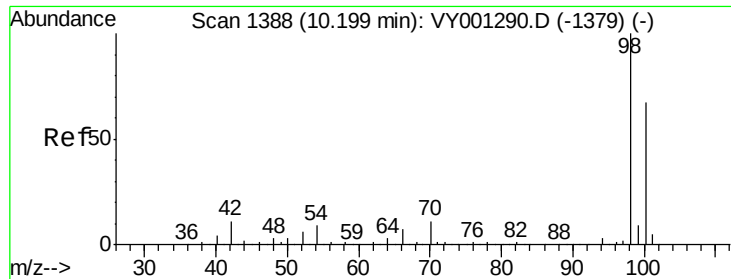


Abundance Ion 116.80 (116.50 to 117.50): VY001290.D (-1006) (-)

Ion 118.80 (118.50 to 119.50): VY001290.D (-1006) (-)

Ion 120.80 (120.50 to 121.50): VY001290.D (-1006) (-)





#50

Toluene-d8

Concen: 51.622 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

Instrument :

MSVOA_Y

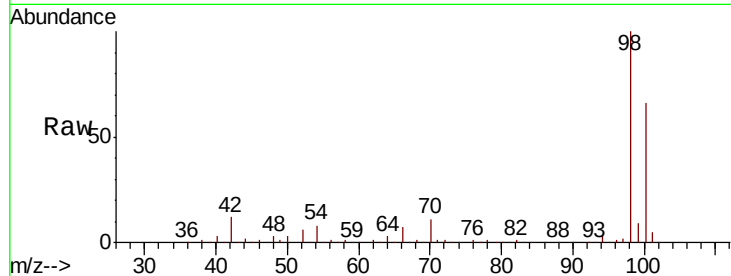
ClientSampled :

Tot Ion: 98 Resp: 343789

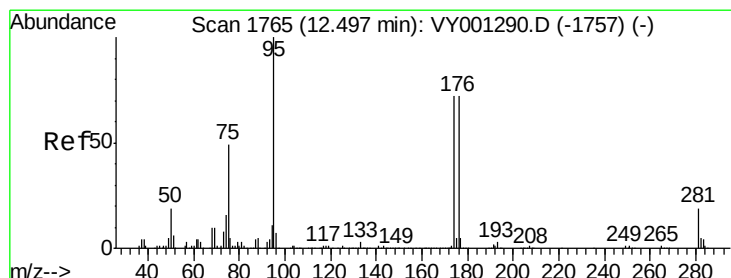
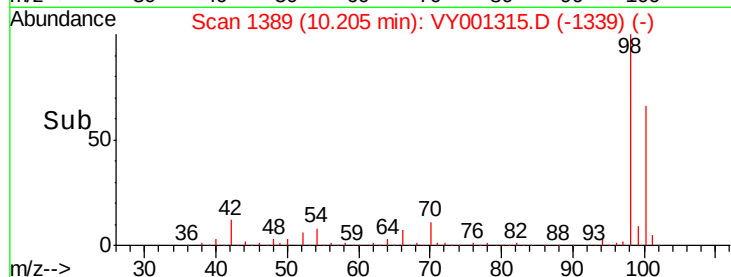
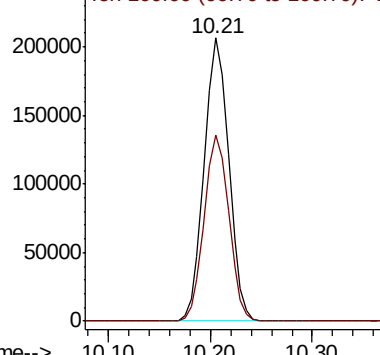
Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001290.D (-1379) (-)



#62

4-Bromofluorobenzene

Concen: 45.980 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY001315.D

Acq: 20 Jan 2020 22:33

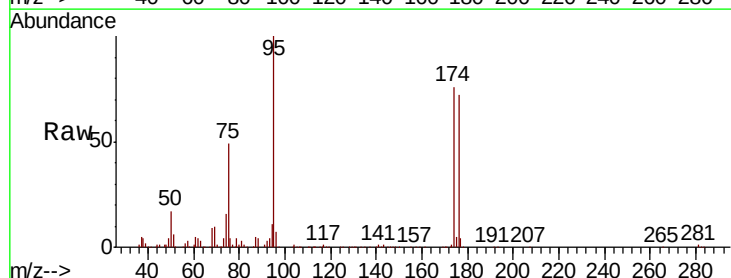
Tgt Ion: 95 Resp: 125190

Ion Ratio Lower Upper

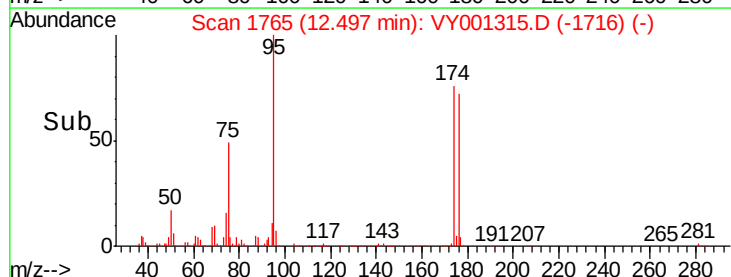
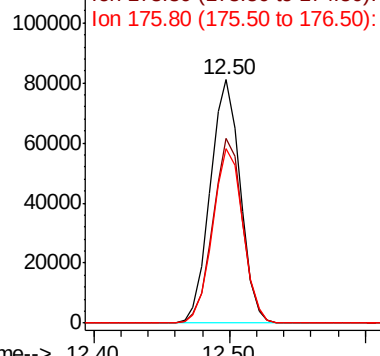
95 100

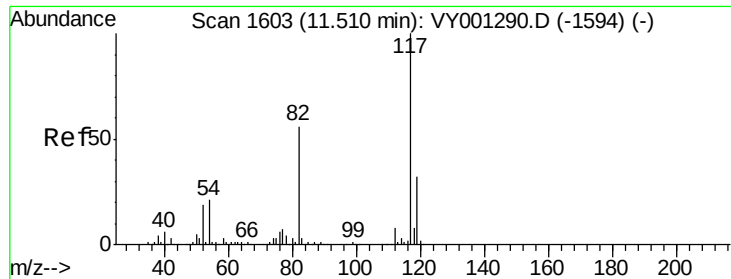
174 75.1 0.0 143.2

176 72.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001290.D (-1757) (-)

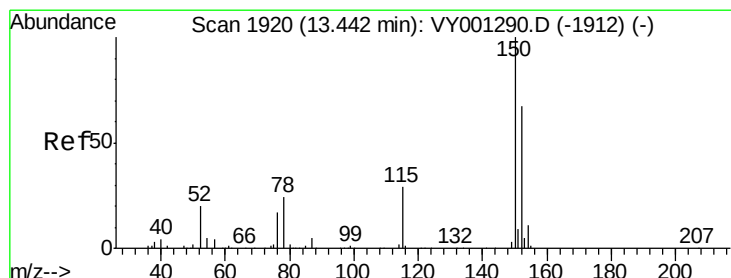
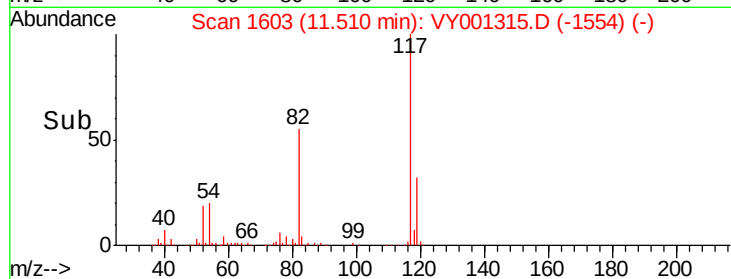
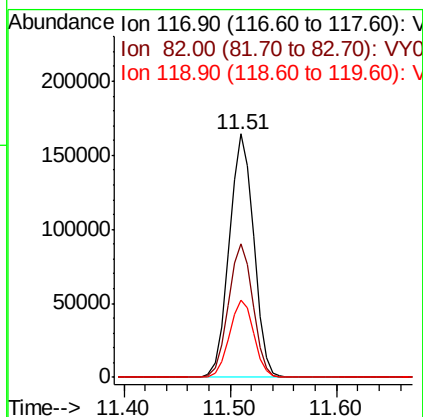
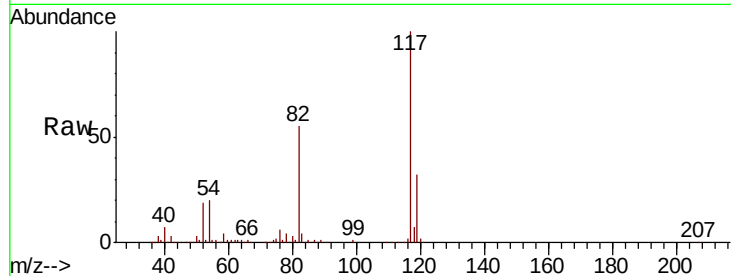




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

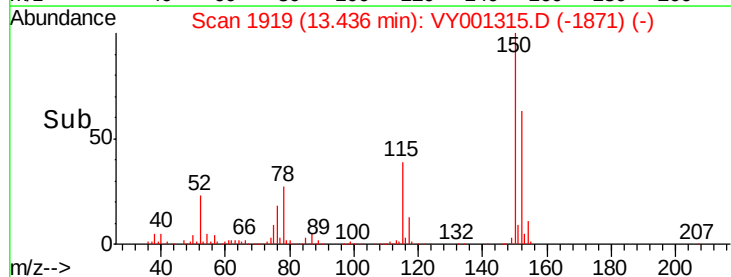
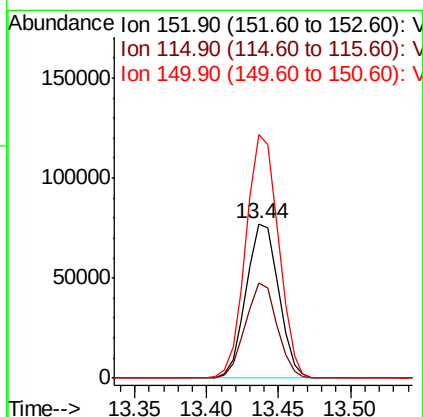
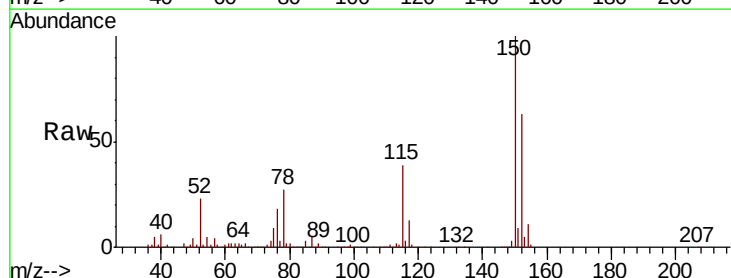
Instrument :
MSVOA_Y
ClientSampled :

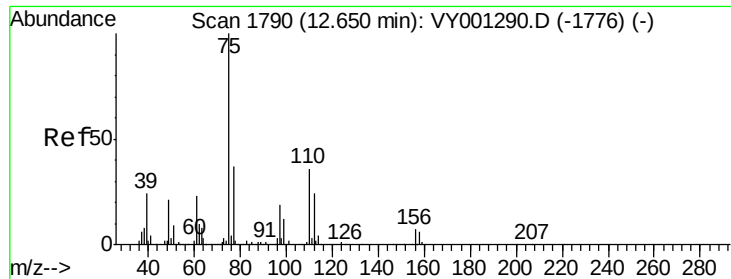
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.9	67.3
119	31.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	157.9	0.0	346.8



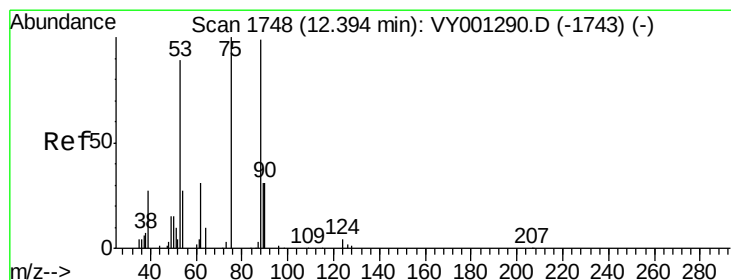
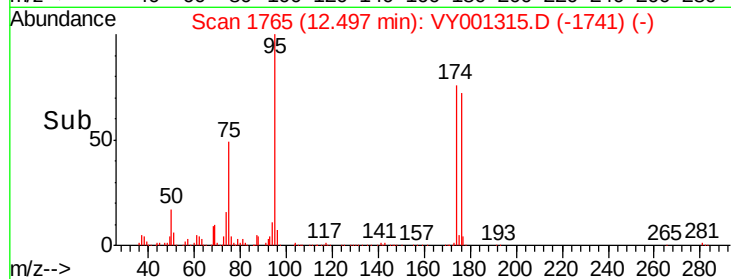
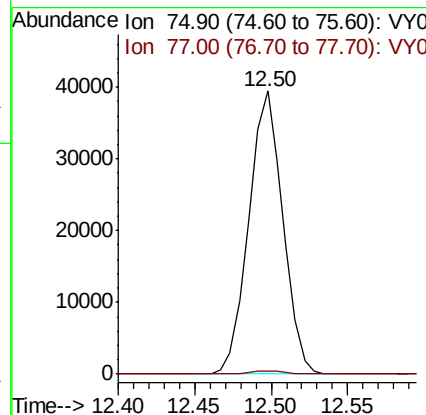
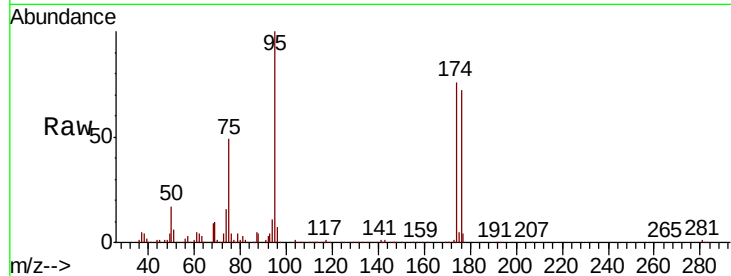


#76

1,2,3-Trichloropropane
Concen: 47.153 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. -0.15 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 60926
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 79.962 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.10 min
Lab File: VY001315.D
Acq: 20 Jan 2020 22:33

Tgt Ion: 75 Resp: 60926
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.2#
89 0.1 0.0 0.0#

