

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002156.D
 Acq On : 01 Apr 2020 12:43
 Operator : SY/MD
 Sample : L2054-02RE
 Misc : 7.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 02 06:21:45 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

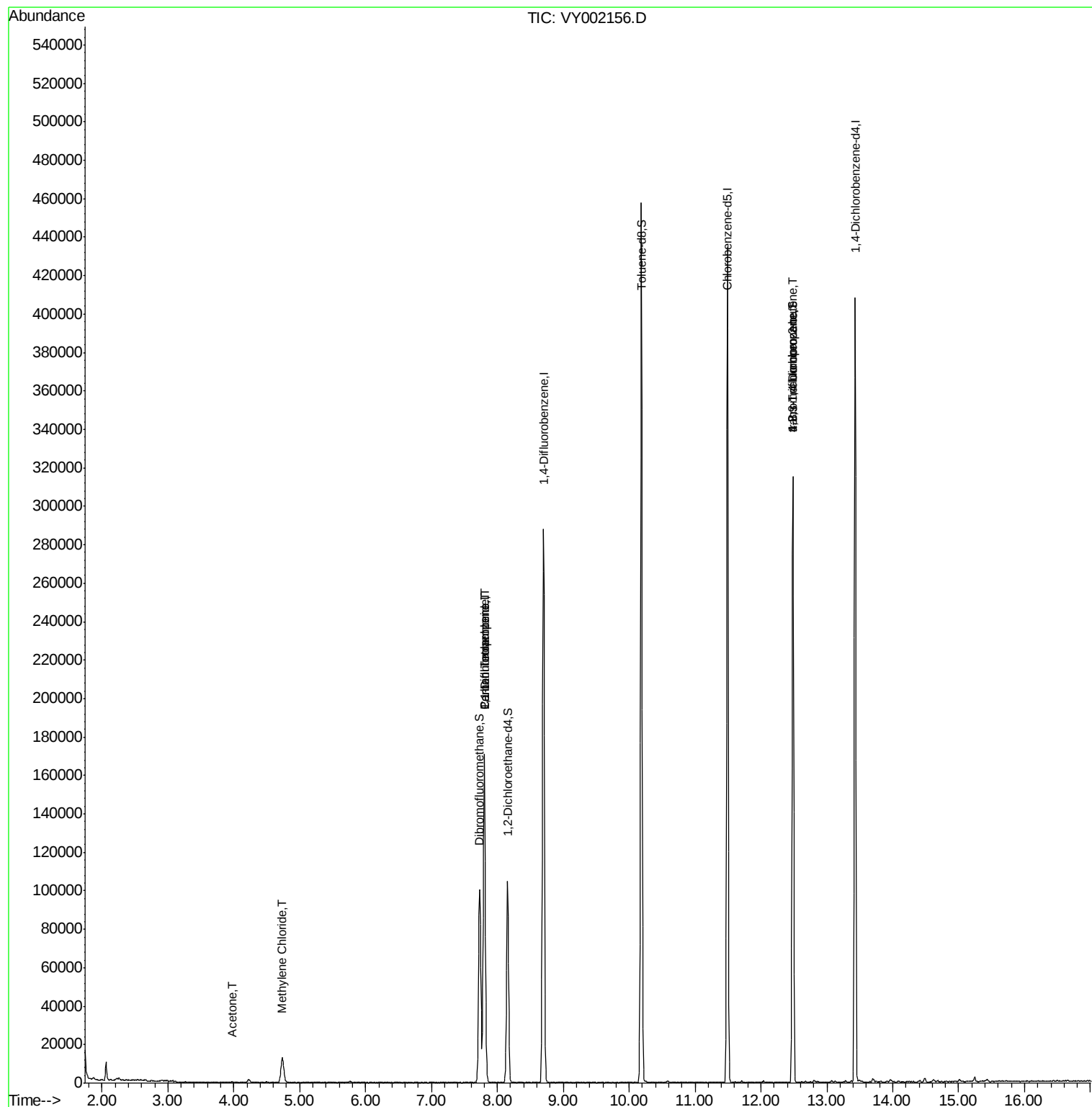
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	126627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	226344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	97348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77726	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
35) Dibromofluoromethane	7.73	113	73762	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.19	98	299761	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.49	95	100449	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.07	85	19	Below Cal	#	43
16) Acetone	3.97	43	624	1.587	ug/l	97
20) Methylene Chloride	4.74	84	9906	1.071	ug/l	87
36) 1,1-Dichloropropene	7.80	75	10917	4.682	ug/l #	50
38) Carbon Tetrachloride	7.80	117	13276	6.711	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	50872	46.718	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50872	90.508	ug/l #	17

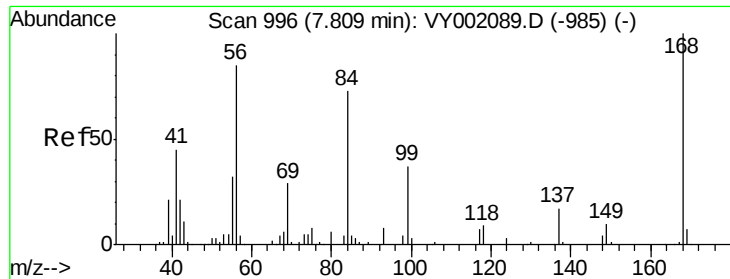
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002156.D

Acq: 01 Apr 2020 12:43

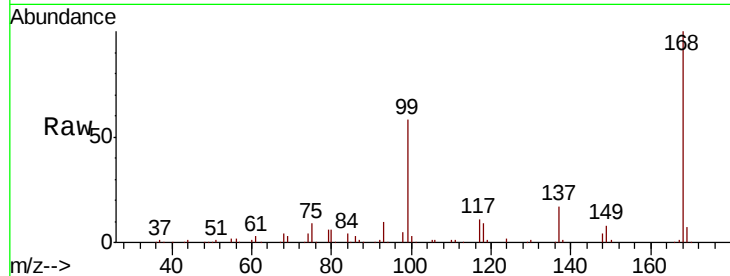
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 126627

Ion Ratio Lower Upper

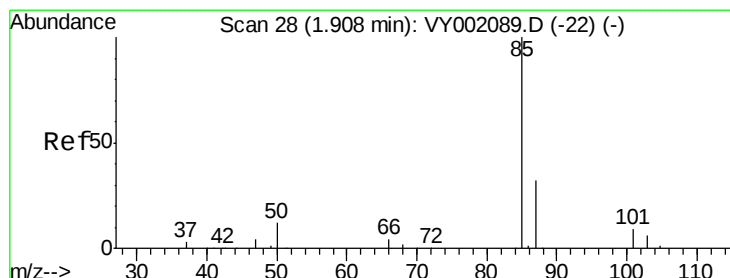
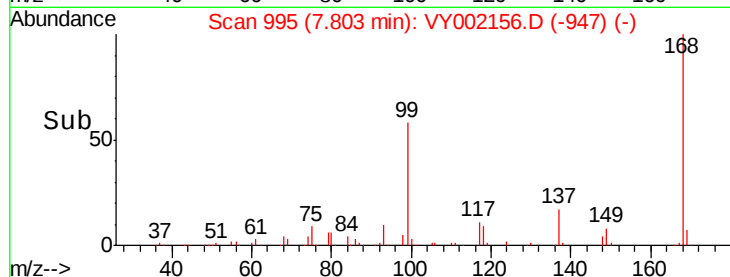
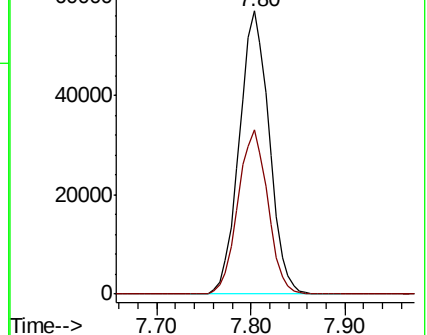
168 100

99 58.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.07 min Scan# 55

Delta R.T. 0.17 min

Lab File: VY002156.D

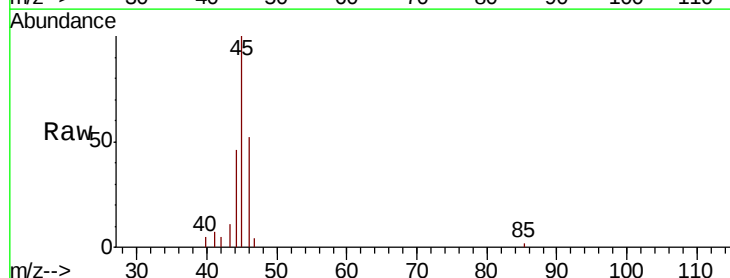
Acq: 01 Apr 2020 12:43

Tgt Ion: 85 Resp: 19

Ion Ratio Lower Upper

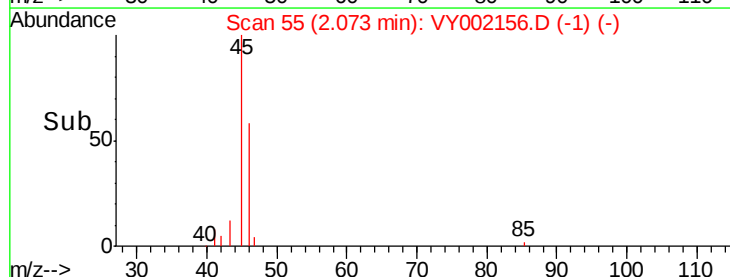
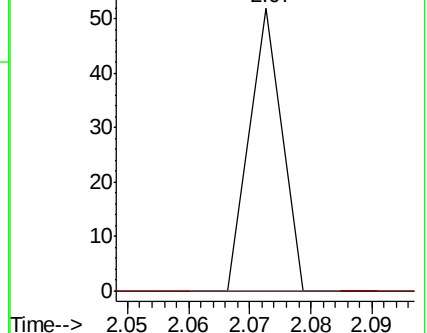
85 100

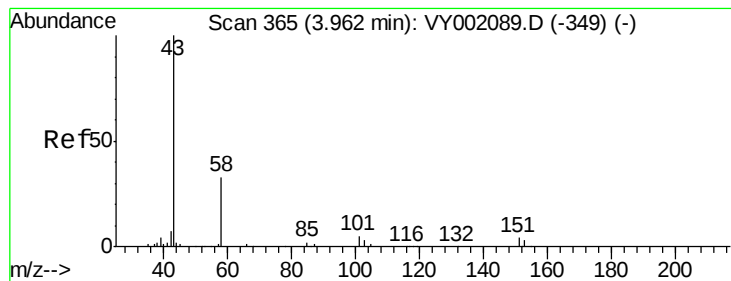
87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#16

Acetone

Concen: 1.587 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002156.D

Acq: 01 Apr 2020 12:43

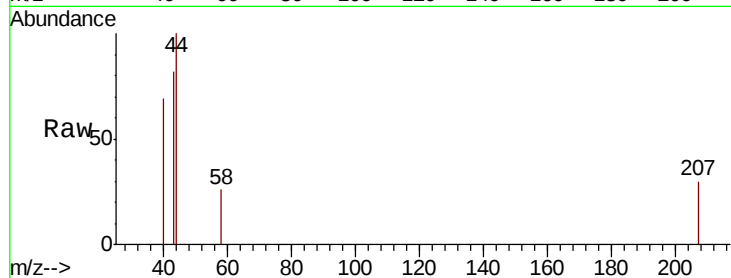
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 624

Ion Ratio Lower Upper

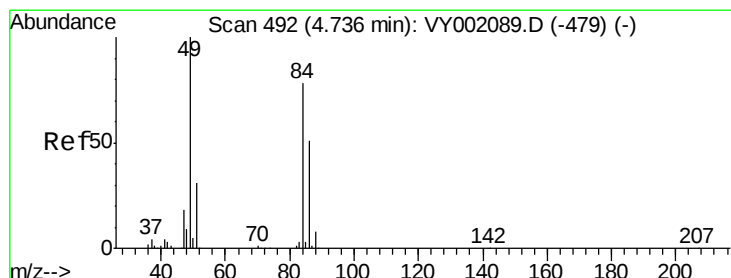
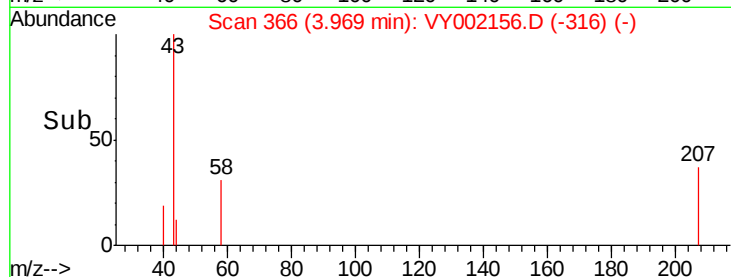
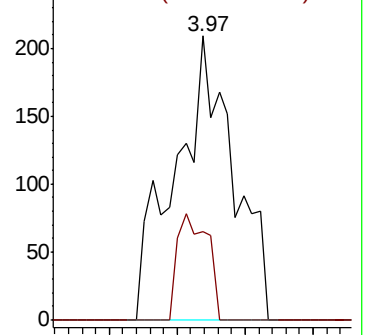
43 100

58 31.1 26.3 39.5



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

Ion 58.00 (57.70 to 58.70): VY002089.D (-349) (-)



#20

Methylene Chloride

Concen: 1.071 ug/l

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

Lab File: VY002156.D

Acq: 01 Apr 2020 12:43

Tgt Ion: 84 Resp: 9906

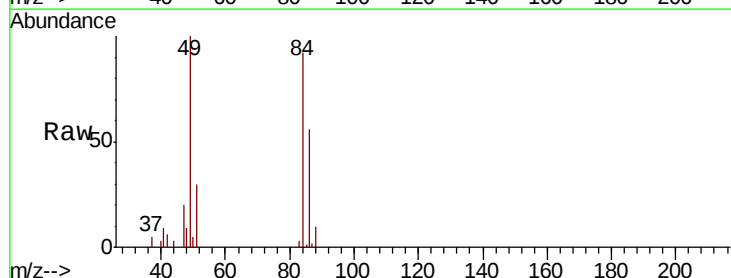
Ion Ratio Lower Upper

84 100

49 108.4 102.2 153.4

51 32.3 31.2 46.8

86 60.9 52.6 78.8

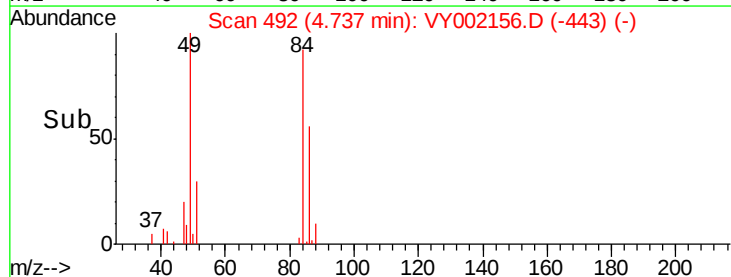
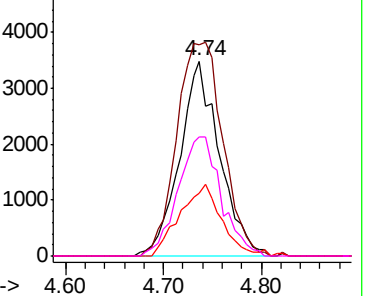


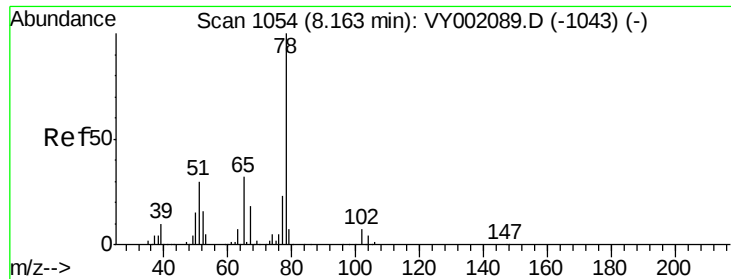
Abundance Ion 83.90 (83.60 to 84.60): VY002089.D (-479) (-)

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) (-)

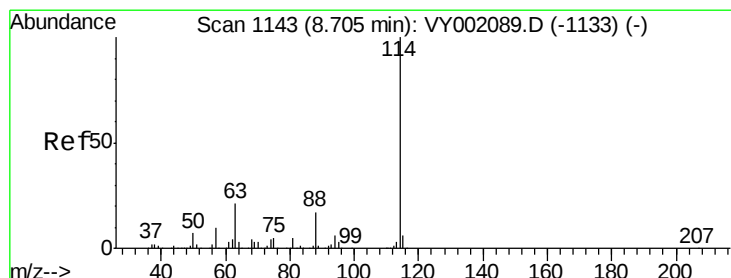
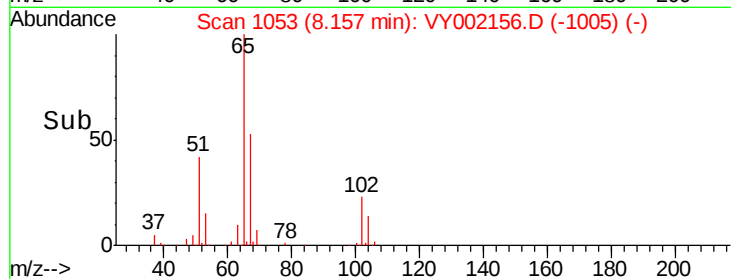
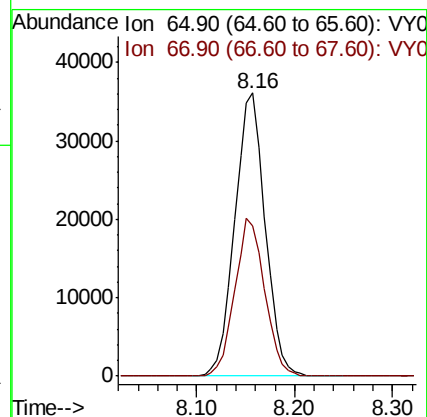
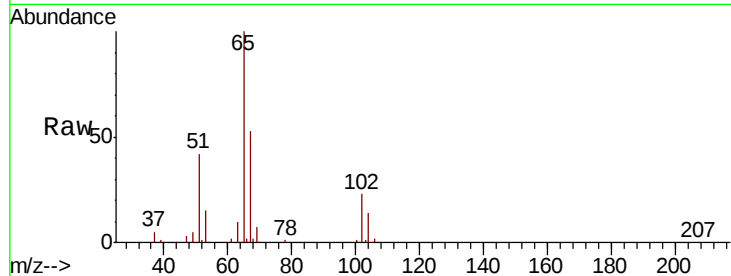




#33
 1,2-Dichloroethane-d4
 Concen: 55.525 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002156.D
 Acq: 01 Apr 2020 12:43

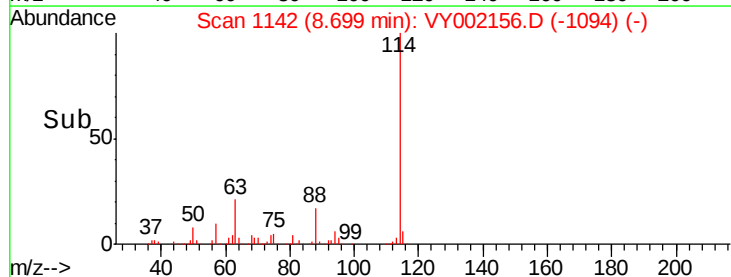
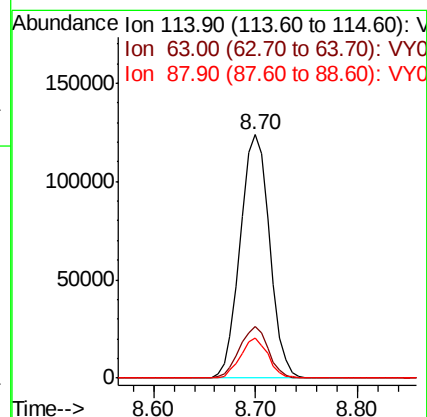
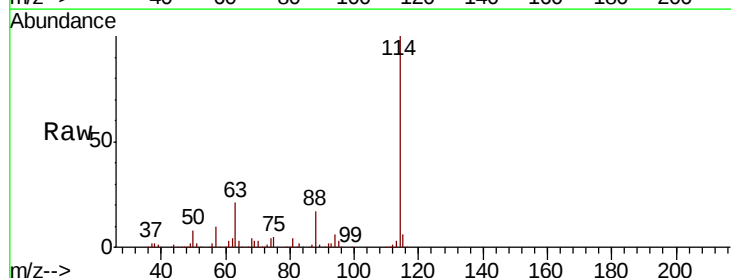
Instrument :
 MSVOA_Y
 ClientSampleId :

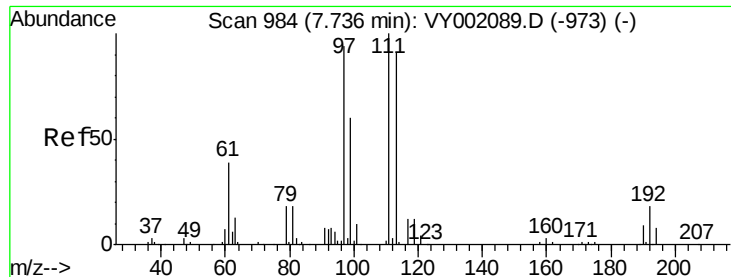
Tot Ion: 65 Resp: 77726
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002156.D
 Acq: 01 Apr 2020 12:43

Tgt Ion: 114 Resp: 246510
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 16.6 0.0 33.0

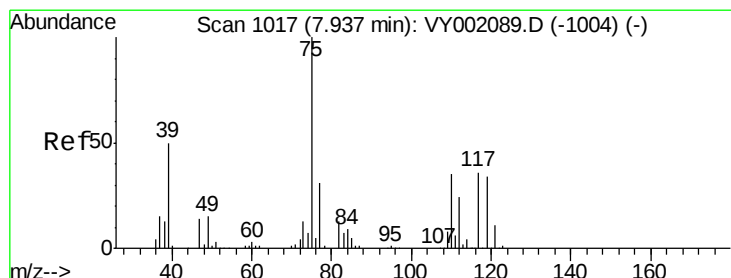
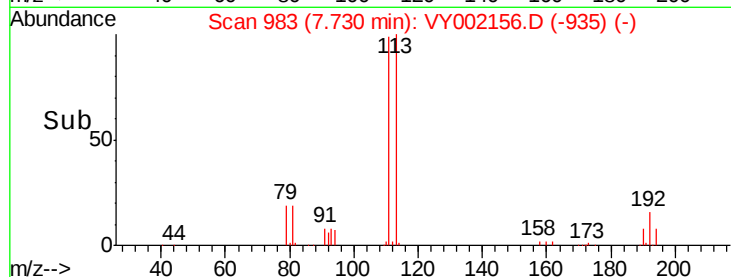
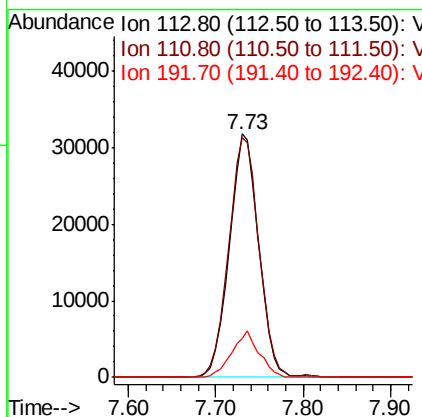
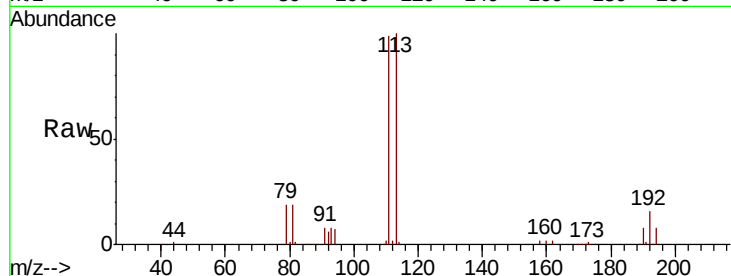




#35
 Dibromofluoromethane
 Concen: 53.403 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002156.D
 Acq: 01 Apr 2020 12:43

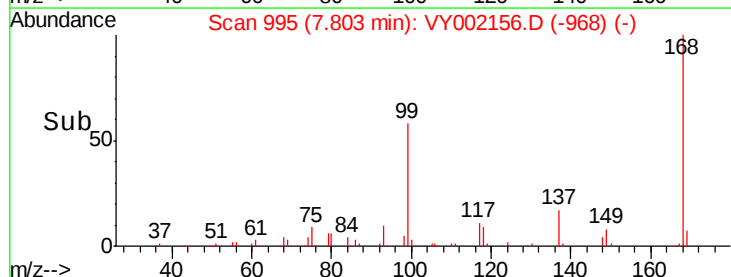
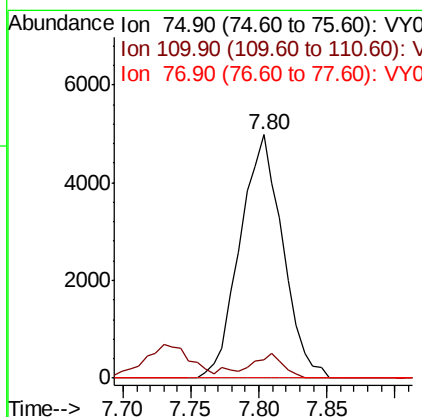
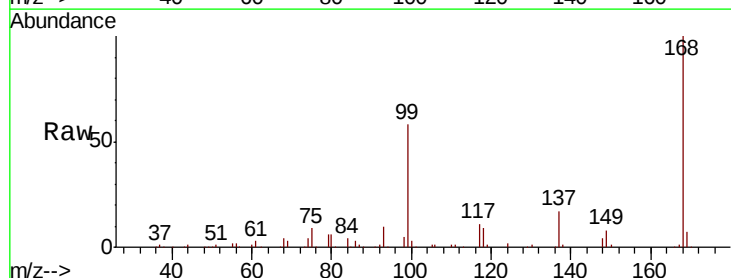
Instrument :
 MSVOA_Y
 ClientSampleId :

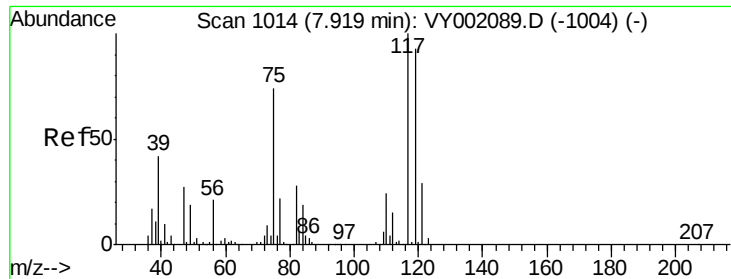
Tot Ion:113 Resp: 73762
 Ion Ratio Lower Upper
 113 100
 111 102.0 84.4 126.6
 192 17.8 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.682 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002156.D
 Acq: 01 Apr 2020 12:43

Tgt Ion: 75 Resp: 10917
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.2 51.6#
 77 0.0 24.7 37.1#

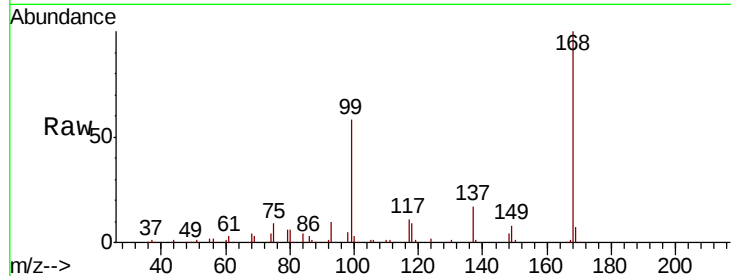




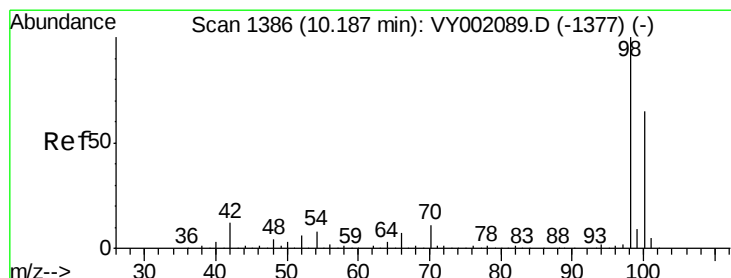
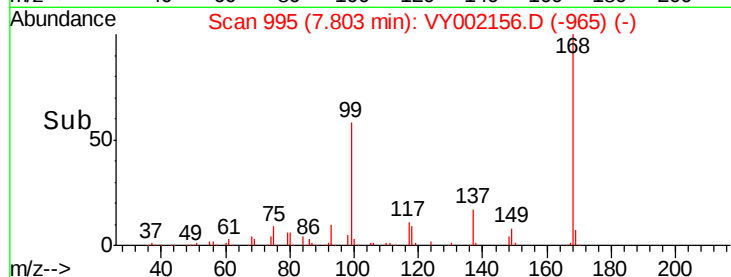
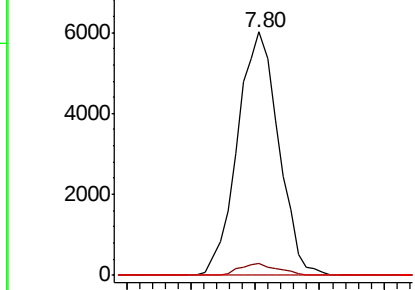
#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 13276
Ion Ratio Lower Upper
117 100
119 4.8 74.3 111.5#
121 0.0 23.3 34.9#

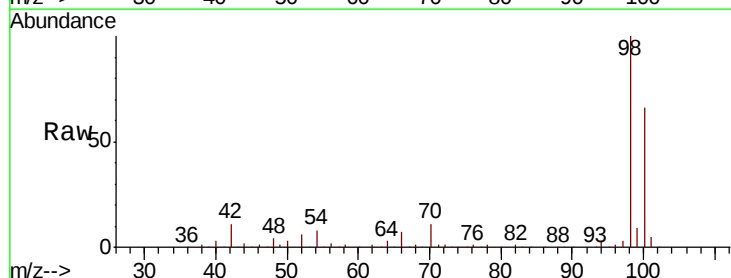


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

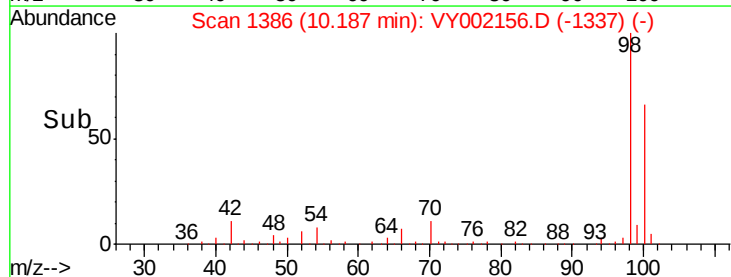
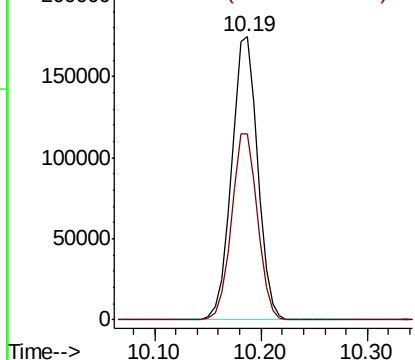


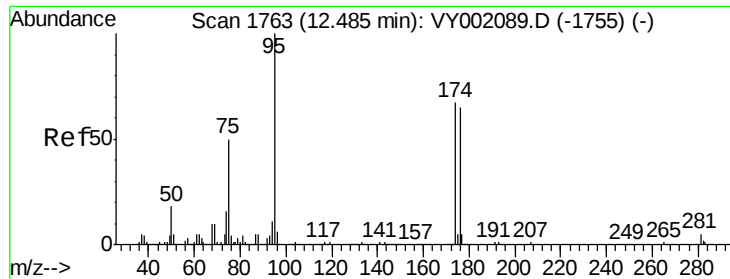
#50
Toluene-d8
Concen: 52.242 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

Tgt Ion: 98 Resp: 299761
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4



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

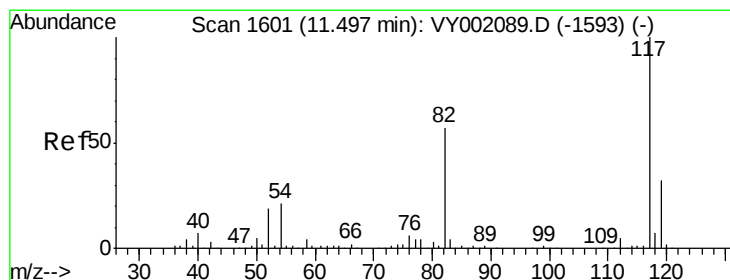
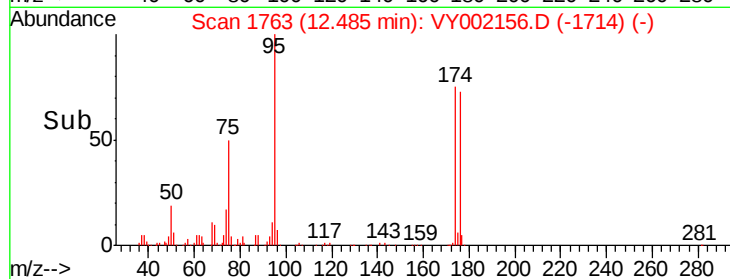
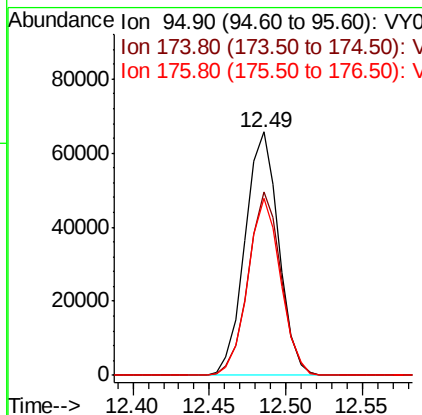
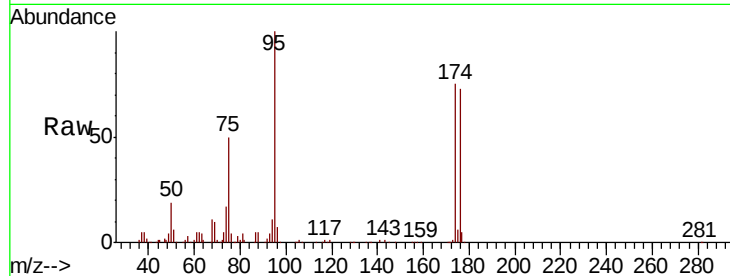




#62
4-Bromofluorobenzene
Concen: 50.055 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

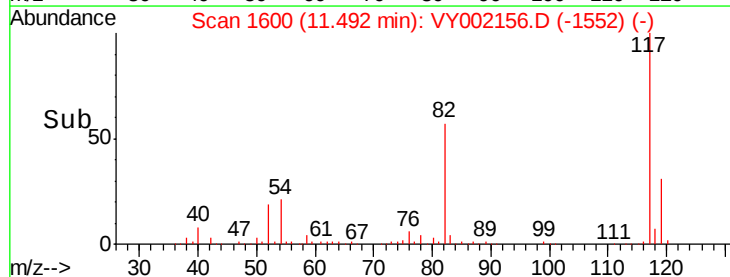
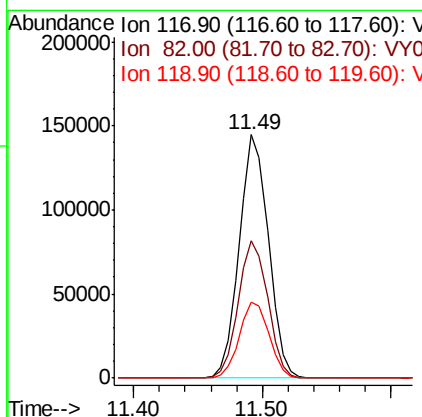
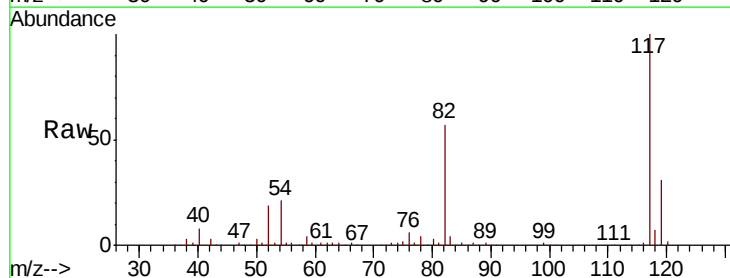
Instrument :
MSVOA_Y
ClientSampleId :

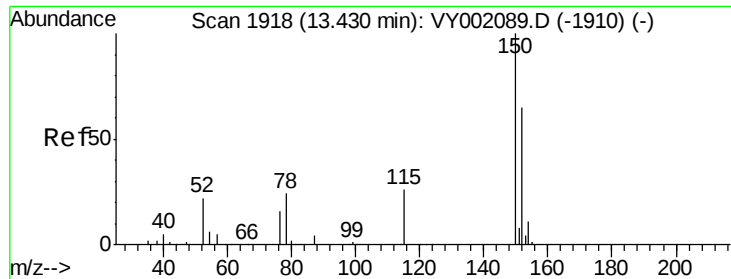
Tot Ion: 95 Resp: 100449
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.4
176 70.9 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

Tgt Ion: 117 Resp: 226344
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.4 25.3 37.9



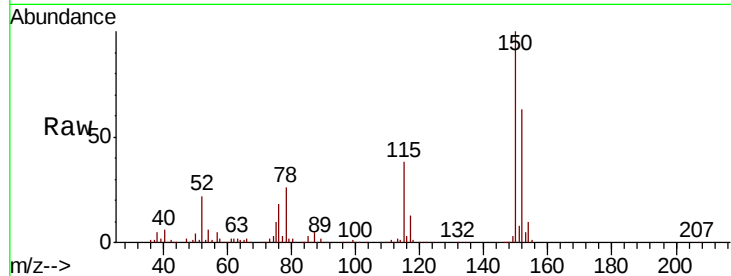


#72

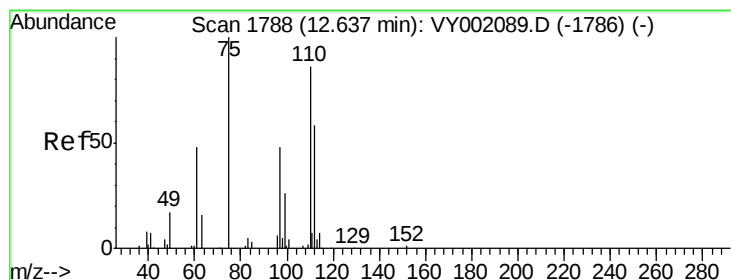
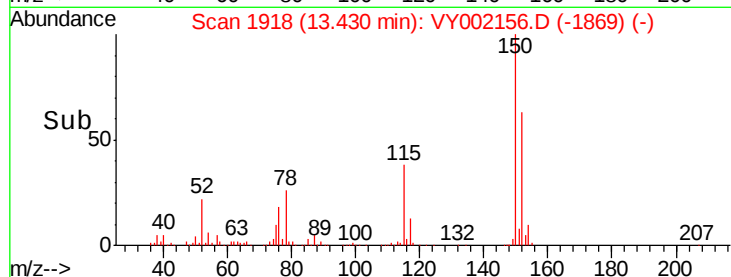
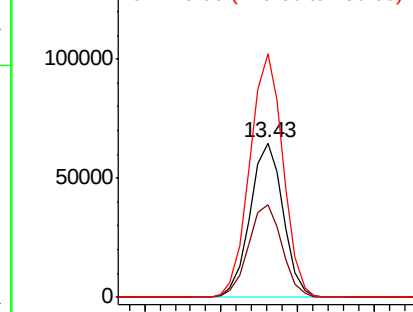
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 97348
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 159.0 0.0 354.8



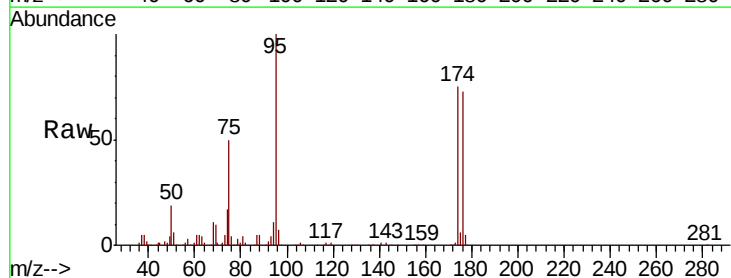
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



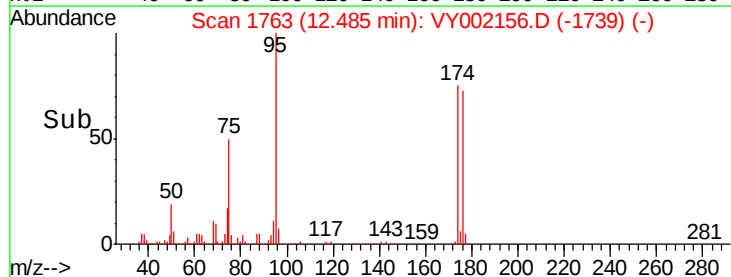
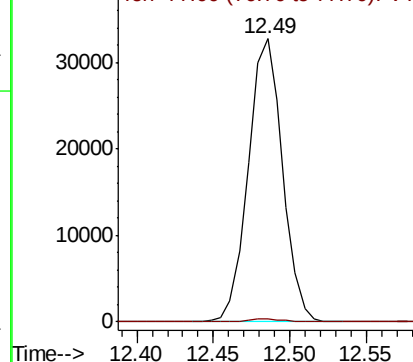
#76

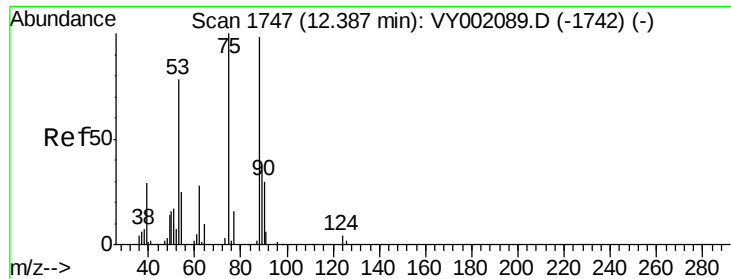
1,2,3-Trichloropropane
Concen: 46.718 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002156.D
Acq: 01 Apr 2020 12:43

Tgt Ion: 75 Resp: 50872
Ion Ratio Lower Upper
75 100
77 1.1 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: 90.508 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002156.D

Acq: 01 Apr 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

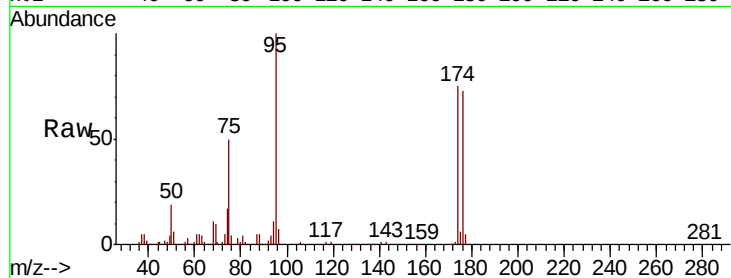
Tot Ion: 75 Resp: 50872

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 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

