

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002134.D
 Acq On : 31 Mar 2020 15:37
 Operator : SY/MD
 Sample : L2053-05RE
 Misc : 7.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 04:59:53 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	128009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	251433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	224249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	94758	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	78813	55.69	ug/l	0.00
Spiked Amount			Recovery	=	111.38%	
35) Dibromofluoromethane	7.74	113	72881	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	10.19	98	304487	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.49	95	98505	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

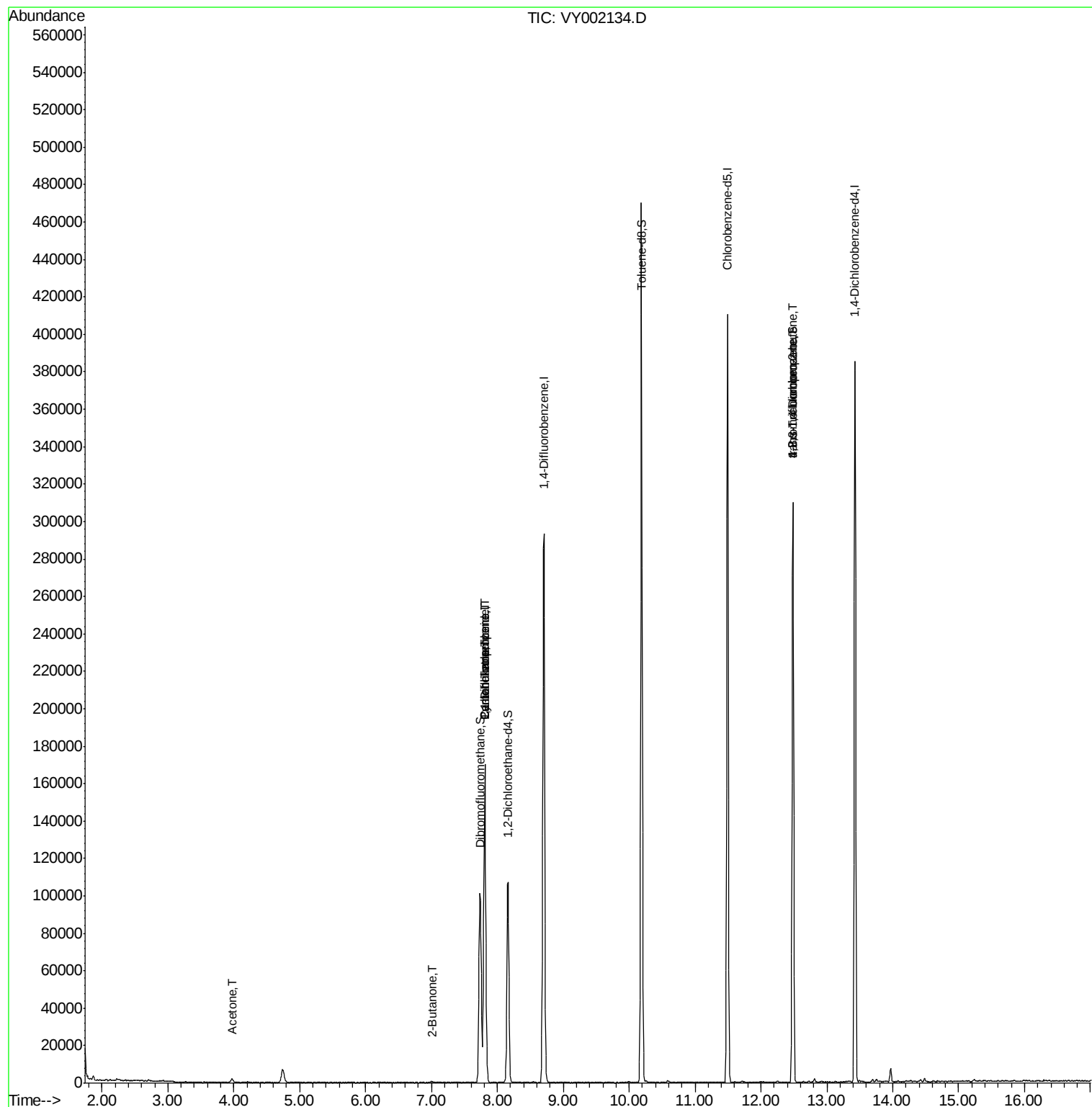
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	47	Below Cal	#	43
16) Acetone	3.97	43	3496	8.793	ug/l #	81
20) Methylene Chloride	4.74	84	4949	Below Cal	#	90
25) 2-Butanone	7.02	43	640	1.048	ug/l #	87
31) Cyclohexane	7.80	56	3165	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11272	4.740	ug/l #	50
38) Carbon Tetrachloride	7.80	117	12924	6.405	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	50204	47.364	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50204	91.761	ug/l #	17

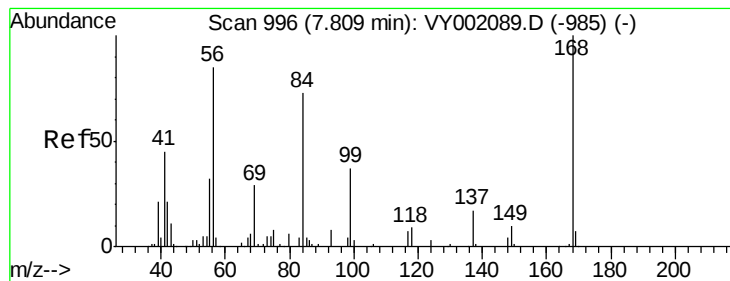
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002134.D

Acq: 31 Mar 2020 15:37

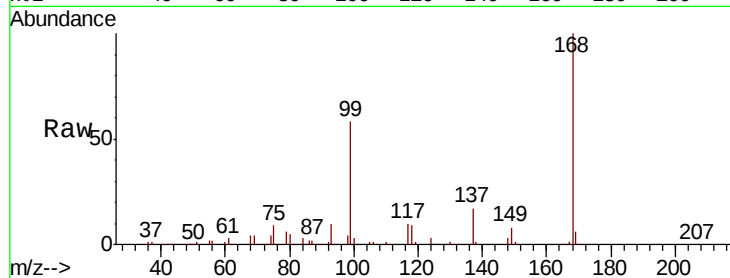
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 128009

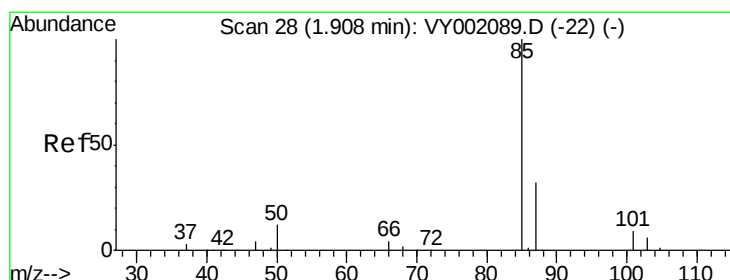
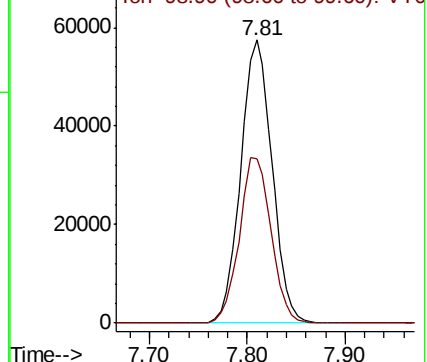
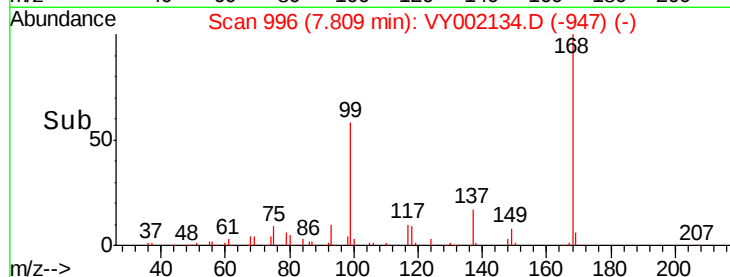
Ion Ratio Lower Upper

168 100

99 58.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002134.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002134.D

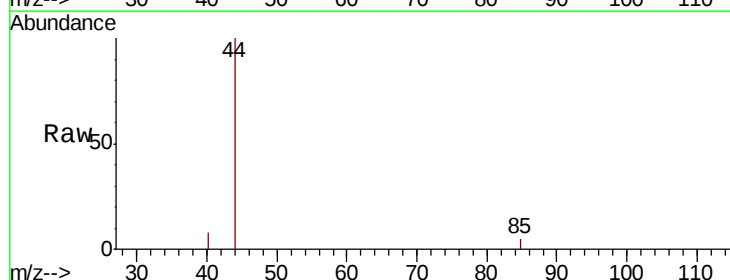
Acq: 31 Mar 2020 15:37

Tgt Ion: 85 Resp: 47

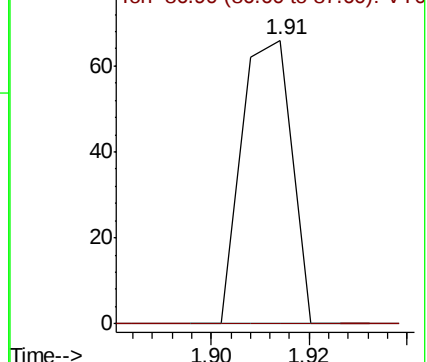
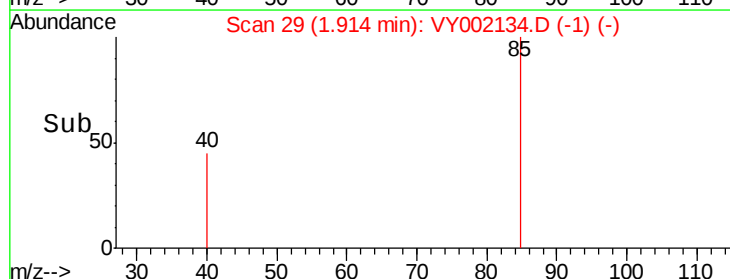
Ion Ratio Lower Upper

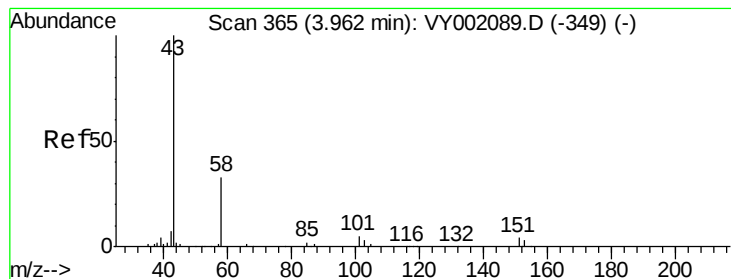
85 100

87 0.0 16.0 48.0#



Abundance Ion 84.90 (84.60 to 85.60): VY002134.D (-1) (-)





#16

Acetone

Concen: 8.793 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002134.D

Acq: 31 Mar 2020 15:37

Instrument :

MSVOA_Y

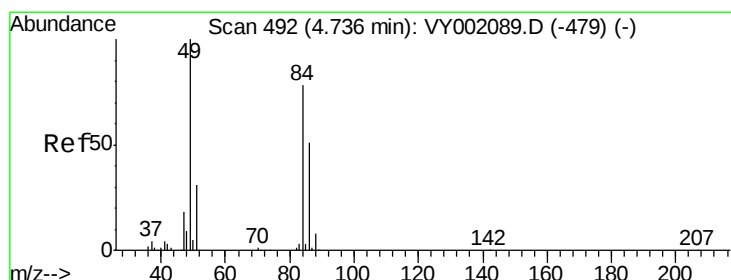
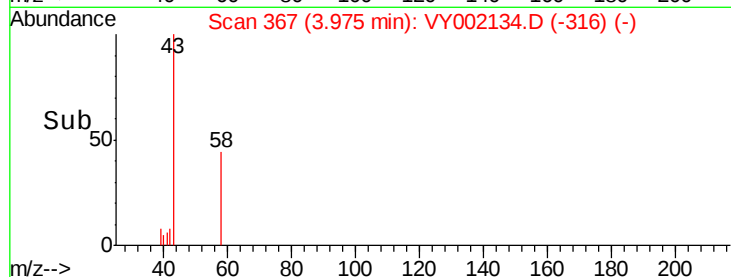
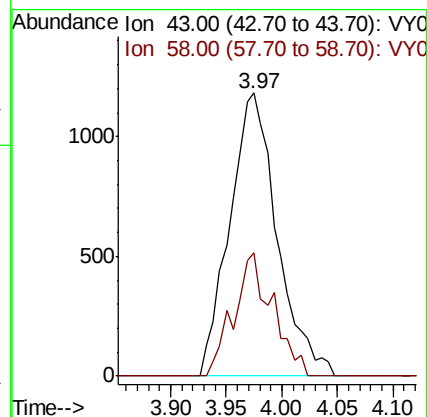
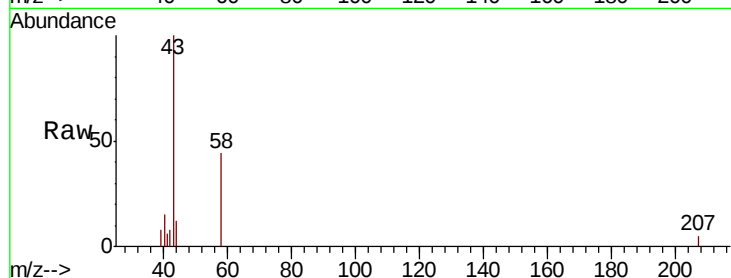
ClientSampleId :

Tot Ion: 43 Resp: 3496

Ion Ratio Lower Upper

43 100

58 43.6 26.3 39.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

Lab File: VY002134.D

Acq: 31 Mar 2020 15:37

Tgt Ion: 84 Resp: 4949

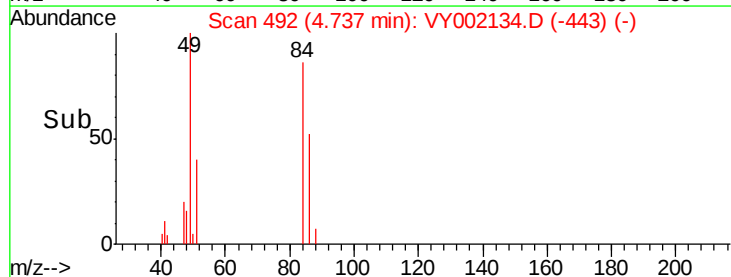
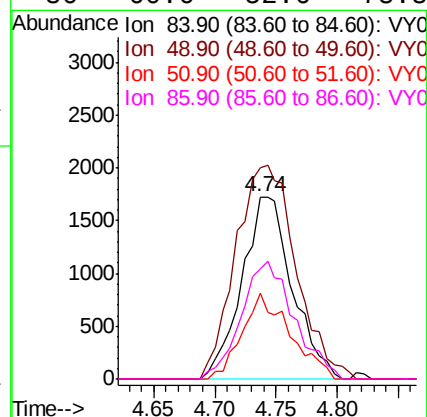
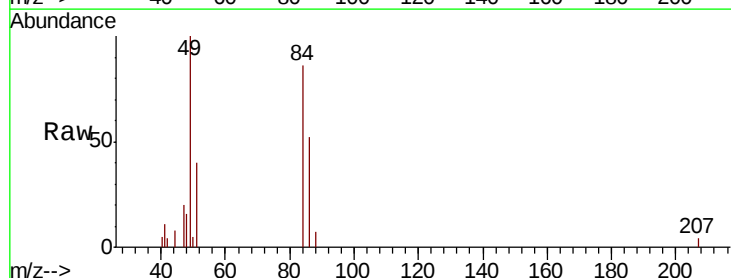
Ion Ratio Lower Upper

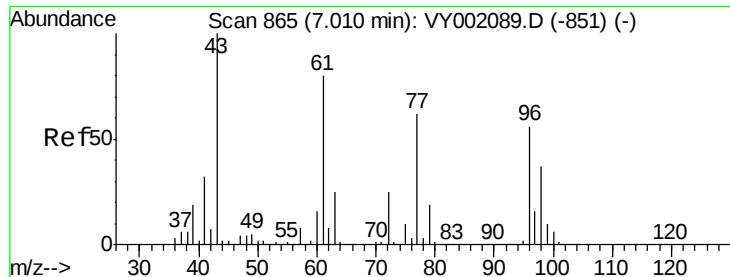
84 100

49 116.3 102.2 153.4

51 47.1 31.2 46.8#

86 60.6 52.6 78.8

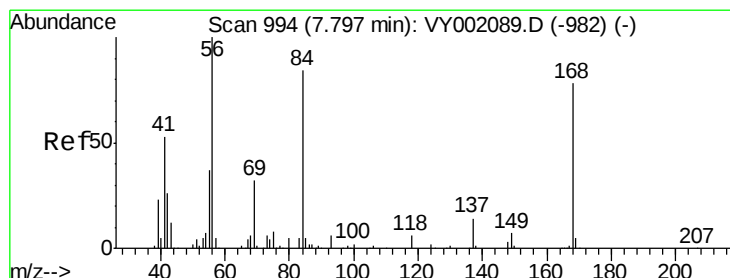
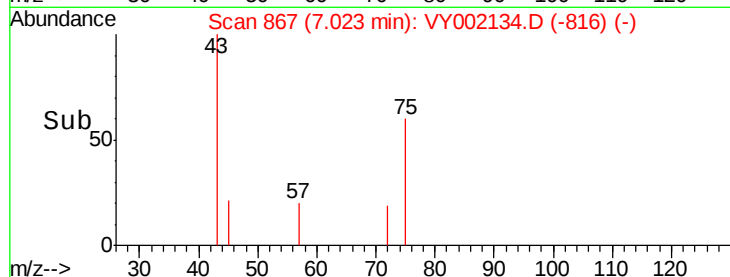
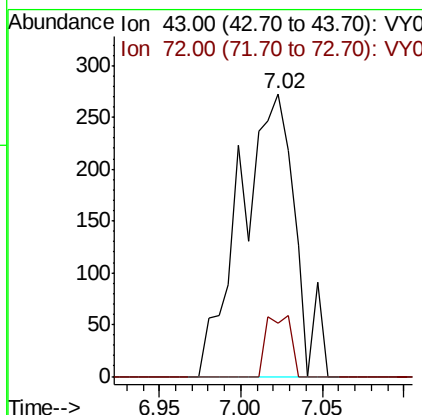
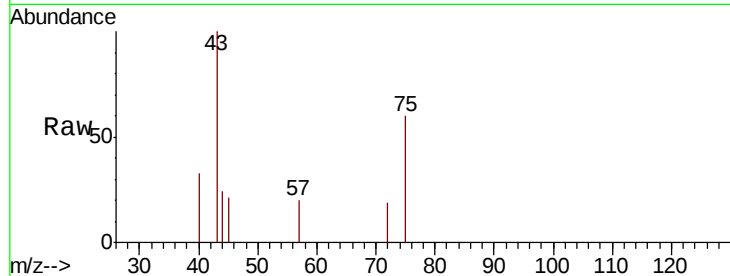




#25
2-Butanone
Concen: 1.048 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

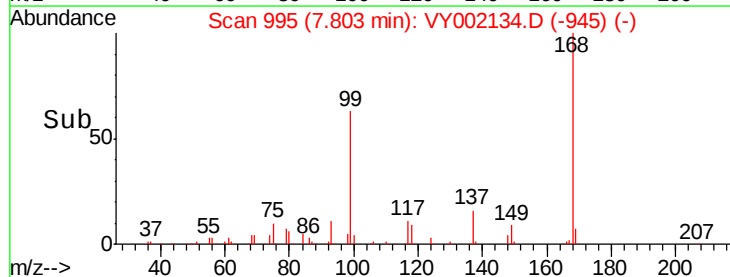
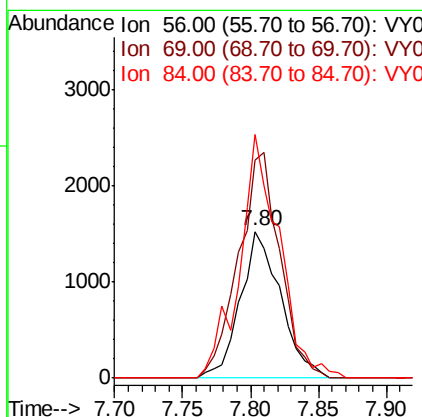
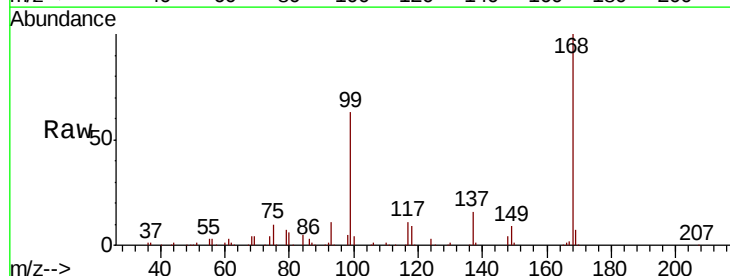
Instrument :
MSVOA_Y
ClientSampleId :

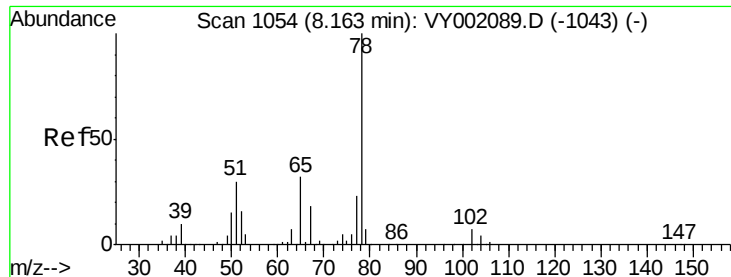
Tot Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
72 18.7 20.2 30.2#



#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

Tgt Ion: 56 Resp: 3165
Ion Ratio Lower Upper
56 100
69 149.0 25.8 38.8#
84 166.2 67.1 100.7#





#33

1,2-Dichloroethane-d4

Concen: 55.694 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002134.D

Acq: 31 Mar 2020 15:37

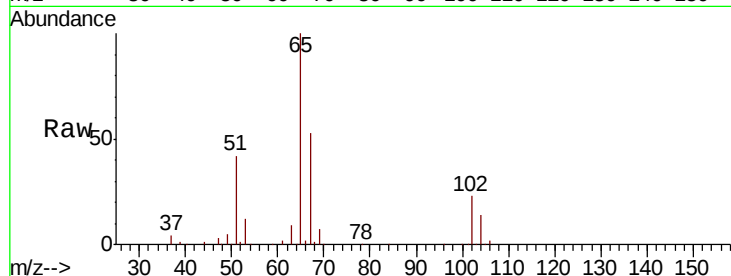
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 65 Resp: 78813

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002134.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002134.D (-1043) (-)

8.16

40000

30000

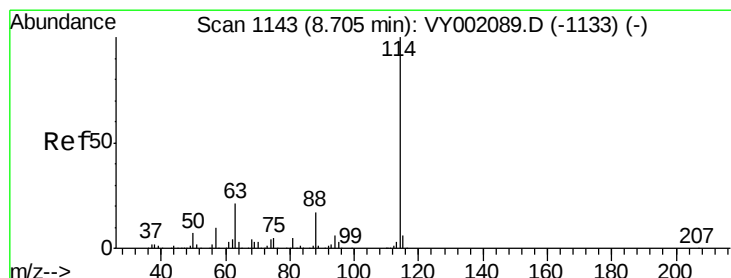
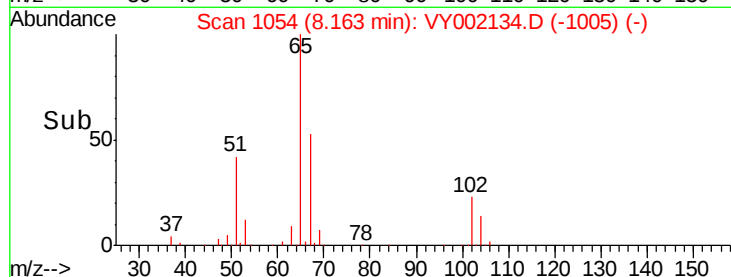
20000

10000

0

8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002134.D

Acq: 31 Mar 2020 15:37

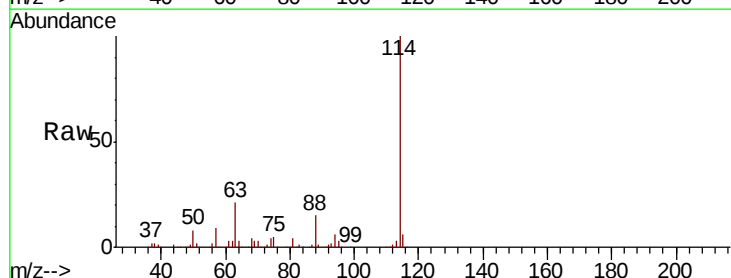
Tgt Ion: 114 Resp: 251433

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002134.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002134.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002134.D (-1094) (-)

8.71

150000

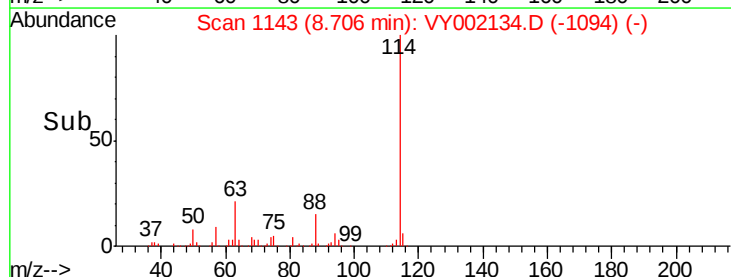
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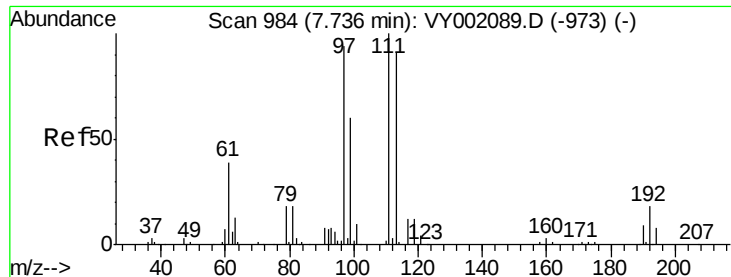
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

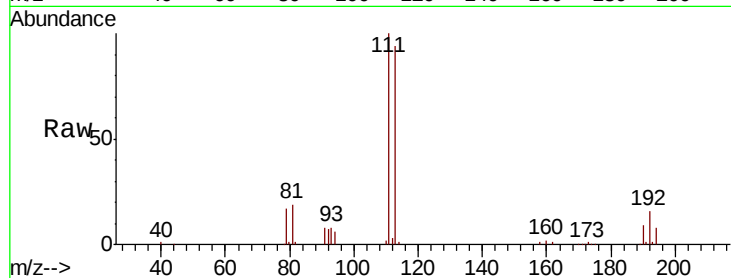




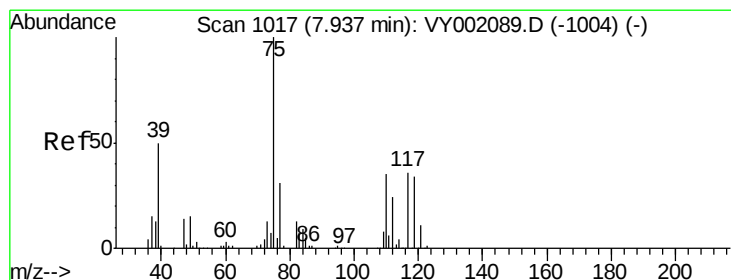
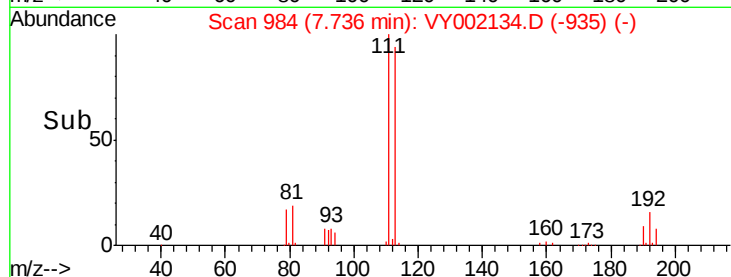
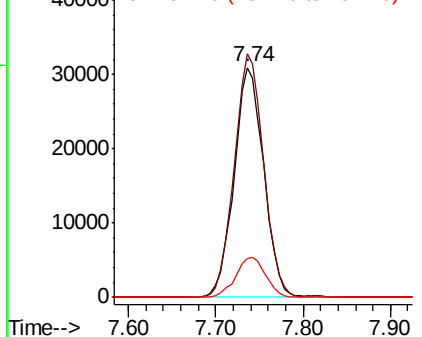
#35
 Dibromofluoromethane
 Concen: 51.732 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002134.D
 Acq: 31 Mar 2020 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 72881
 Ion Ratio Lower Upper
 113 100
 111 104.8 84.4 126.6
 192 17.5 14.6 21.8

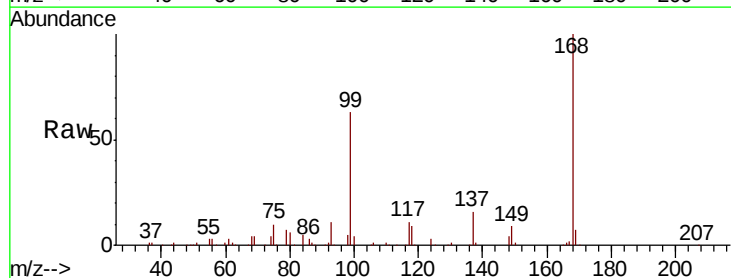


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

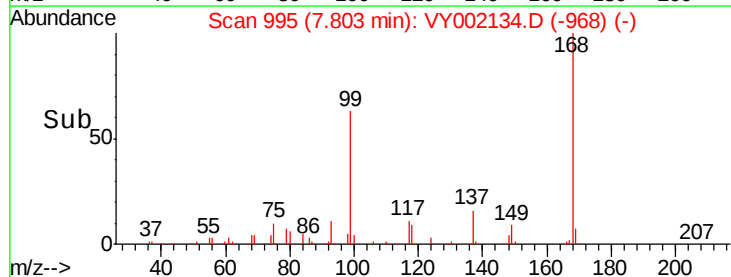
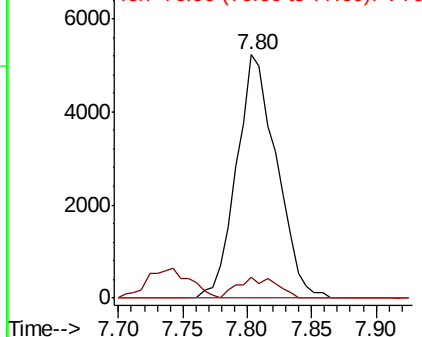


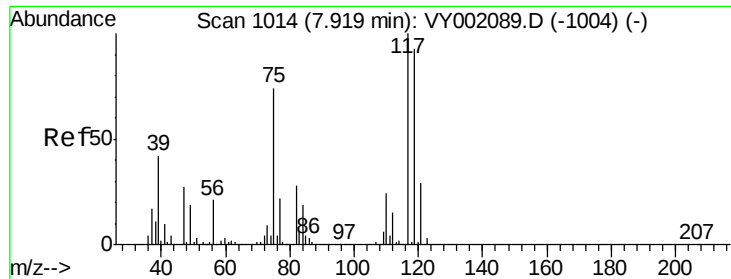
#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002134.D
 Acq: 31 Mar 2020 15:37

Tgt Ion: 75 Resp: 11272
 Ion Ratio Lower Upper
 75 100
 110 8.3 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

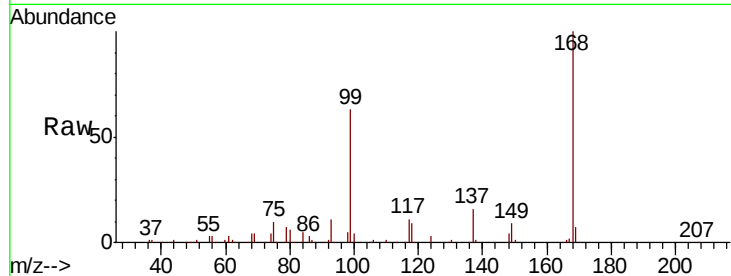




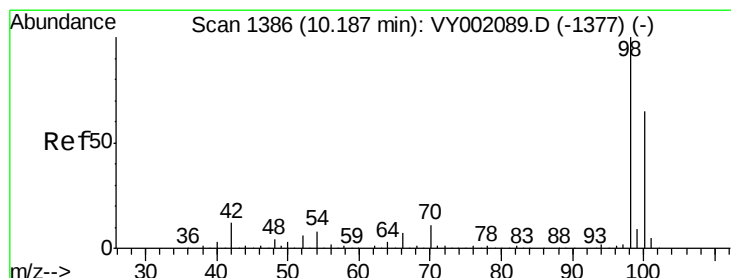
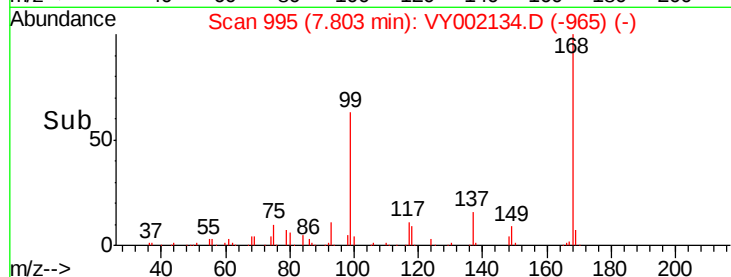
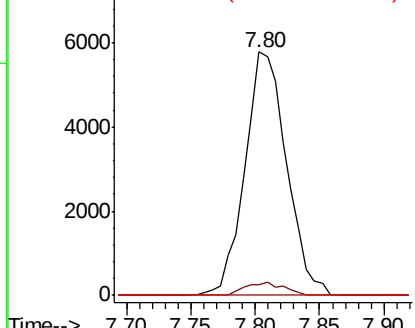
#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 12924
Ion Ratio Lower Upper
117 100
119 4.5 74.3 111.5#
121 0.0 23.3 34.9#

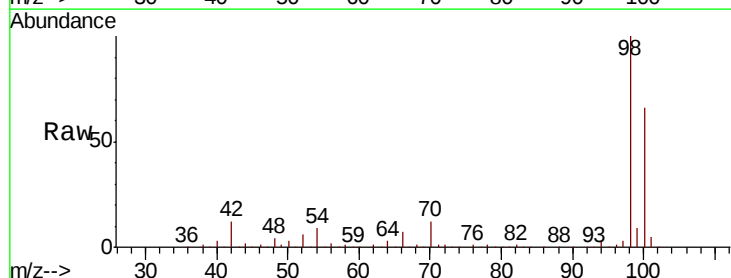


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

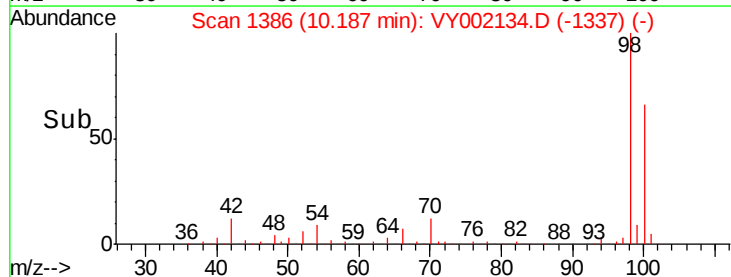
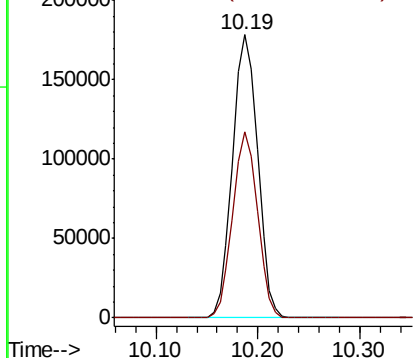


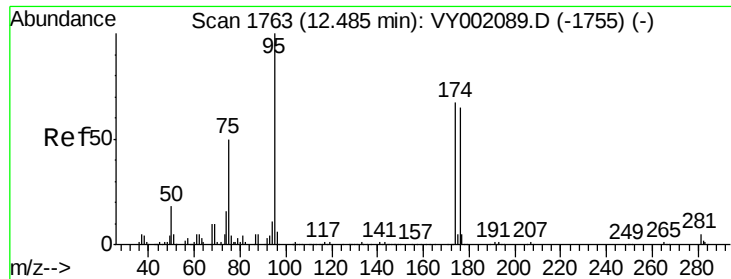
#50
Toluene-d8
Concen: 52.026 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

Tgt Ion: 98 Resp: 304487
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



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

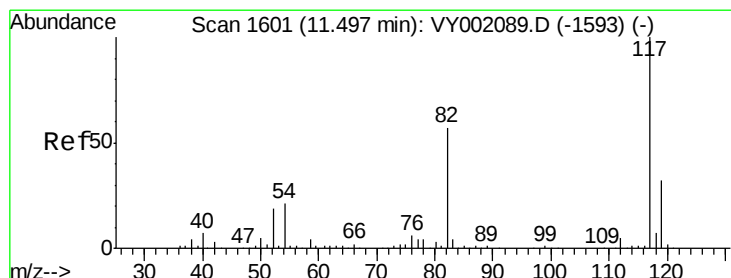
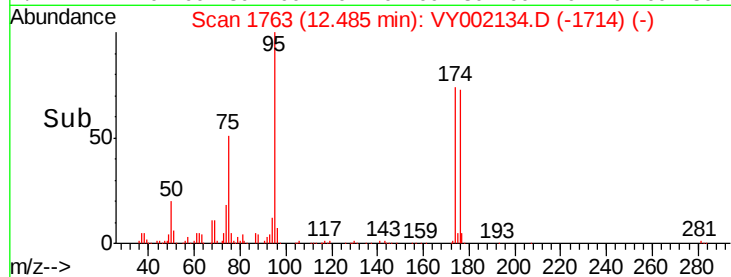
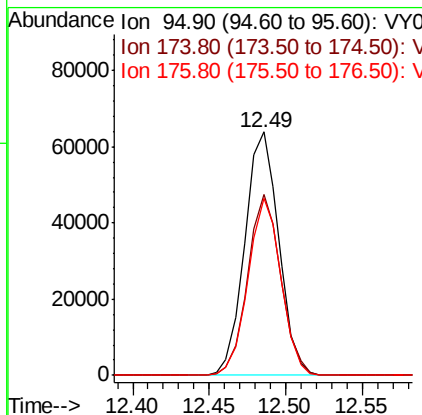
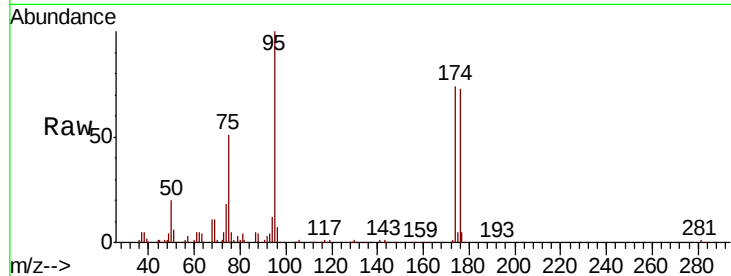




#62
4-Bromofluorobenzene
Concen: 48.125 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

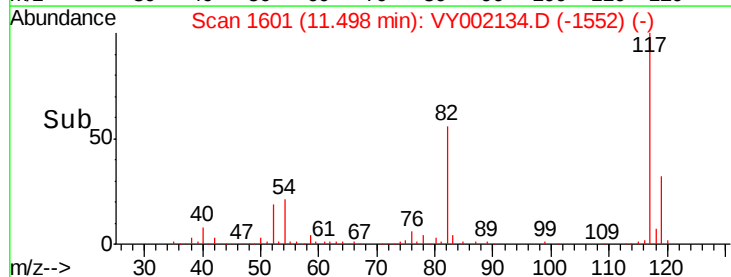
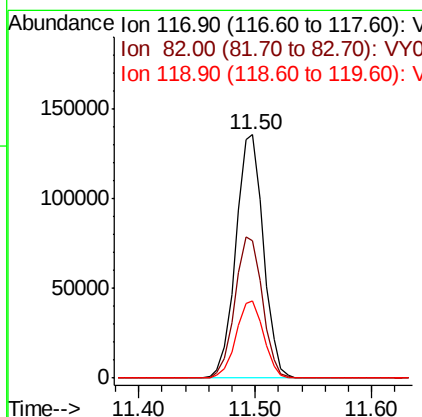
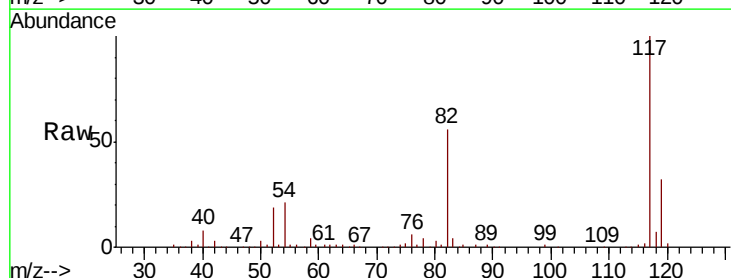
Instrument :
MSVOA_Y
ClientSampleId :

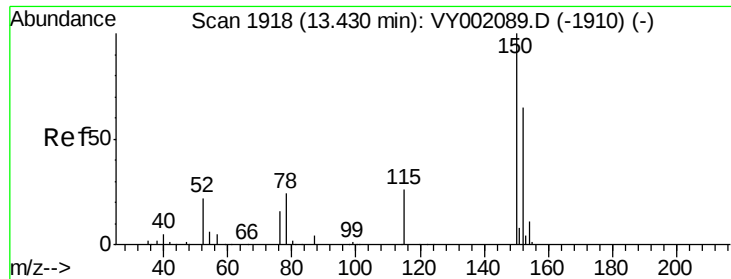
Tot Ion	95	Resp	98505
Ion Ratio	Lower	Upper	
95	100		
174	72.8	0.0	143.4
176	70.5	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002134.D
Acq: 31 Mar 2020 15:37

Tgt Ion	117	Resp	224249
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.4	68.2
119	31.7	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: VY002134.D

Acq: 31 Mar 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

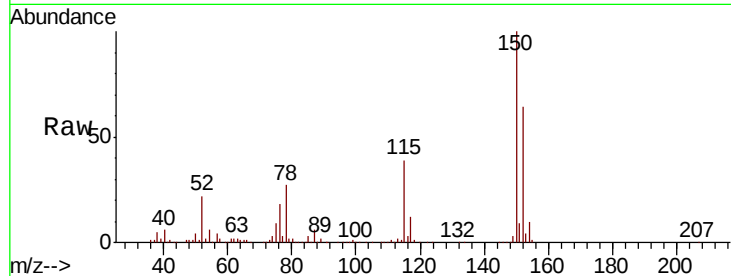
Tot Ion:152 Resp: 94758

Ion Ratio Lower Upper

152 100

115 60.4 31.2 93.6

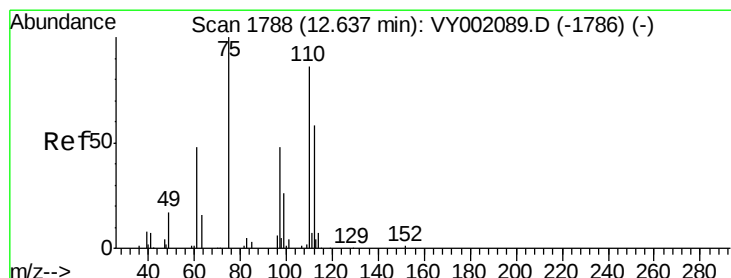
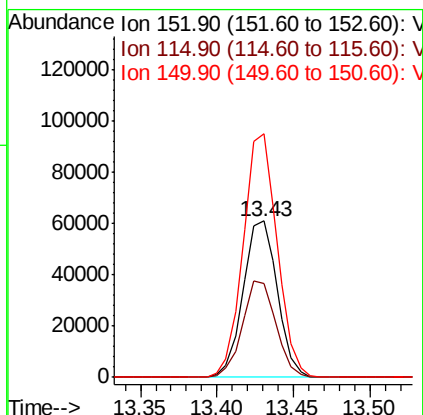
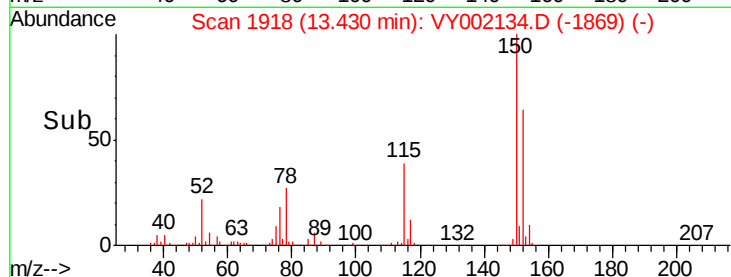
150 154.4 0.0 354.8



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: 47.364 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002134.D

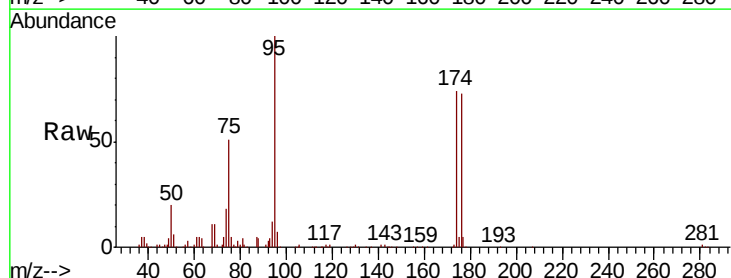
Acq: 31 Mar 2020 15:37

Tgt Ion: 75 Resp: 50204

Ion Ratio Lower Upper

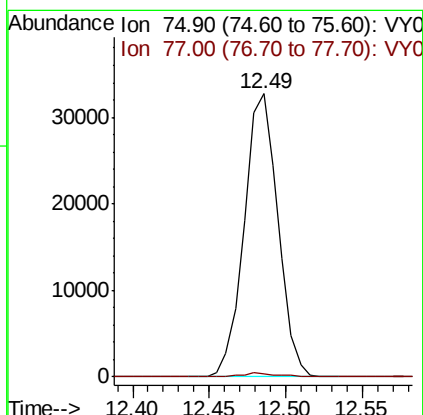
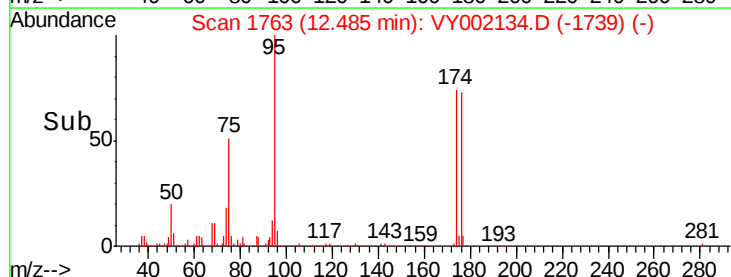
75 100

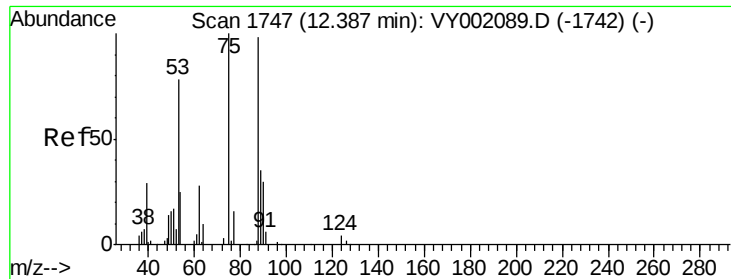
77 1.4 0.0 0.0#



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: 91.761 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002134.D

Acq: 31 Mar 2020 15:37

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 50204

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.1 33.4 50.0#

