

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002132.D
 Acq On : 31 Mar 2020 14:52
 Operator : SY/MD
 Sample : L2049-03RE
 Misc : 5.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 04:59:35 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

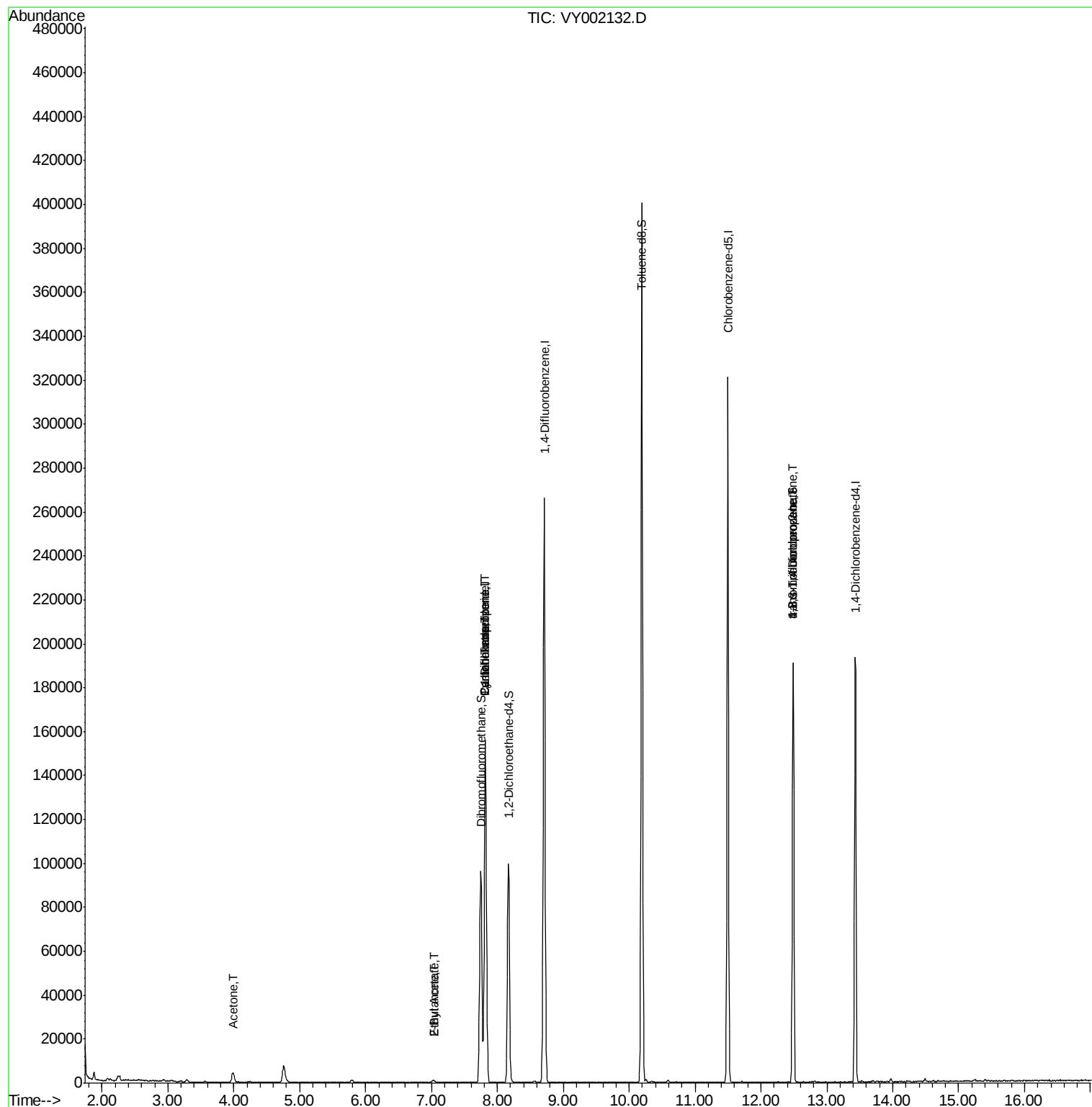
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	115705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	226373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	169105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	47012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	74691	58.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.78%	
35) Dibromofluoromethane	7.75	113	70122	55.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.56%	
50) Toluene-d8	10.19	98	252887	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.49	95	62763	34.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.12%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	7606	21.166	ug/l #	87
20) Methylene Chloride	4.76	84	5492	Below Cal		92
25) 2-Butanone	7.04	43	1624	2.943	ug/l	94
31) Cyclohexane	7.82	56	2757	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10293	4.807	ug/l #	49
37) Ethyl Acetate	7.04	43	1624	1.255	ug/l #	68
38) Carbon Tetrachloride	7.82	117	12158	6.693	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	33403	63.519	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	33403	123.059	ug/l #	17

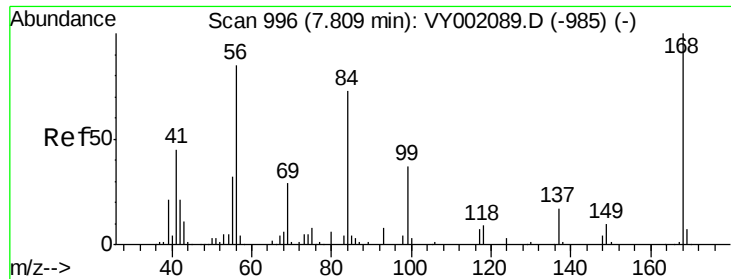
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002132.D

Acq: 31 Mar 2020 14:52

Instrument :

MSVOA_Y

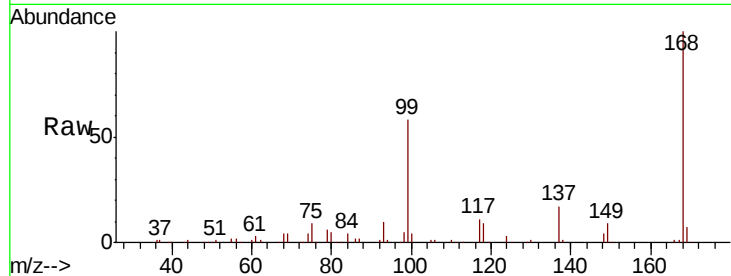
ClientSampleId :

Tot Ion:168 Resp: 115705

Ion Ratio Lower Upper

168 100

99 58.3 47.6 71.4



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

Ion 98.90 (98.60 to 99.60): VY002132.D (-947) (-)

7.82

60000

50000

40000

30000

20000

10000

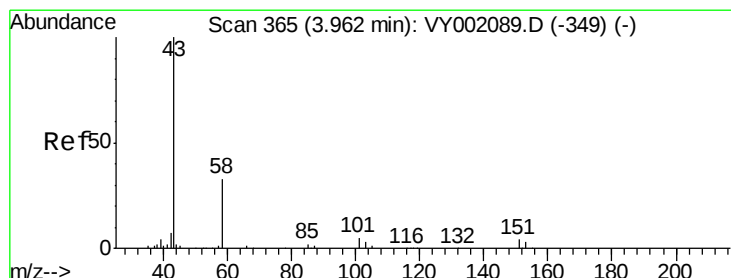
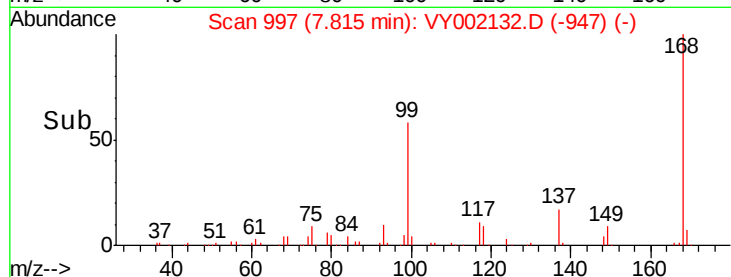
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 21.166 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002132.D

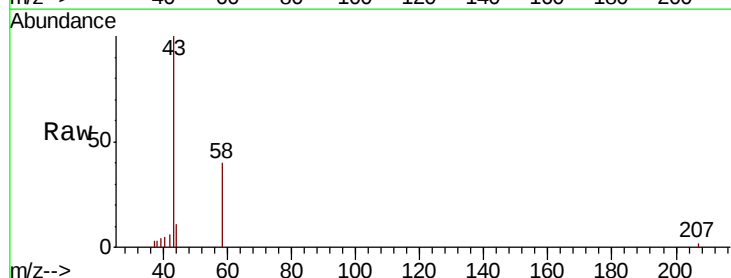
Acq: 31 Mar 2020 14:52

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

43 100

58 40.0 26.3 39.5#



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

Ion 58.00 (57.70 to 58.70): VY002132.D (-316) (-)

3.99

3000

2500

2000

1500

1000

500

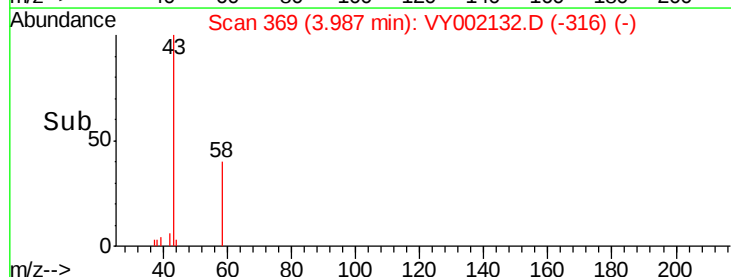
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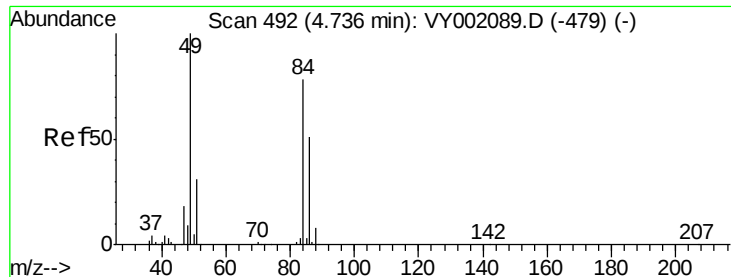
Time-->

3.90

4.00

4.10

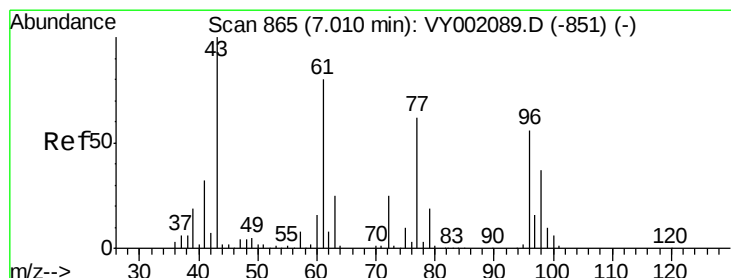
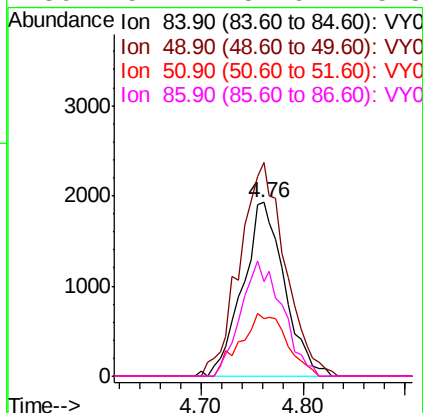
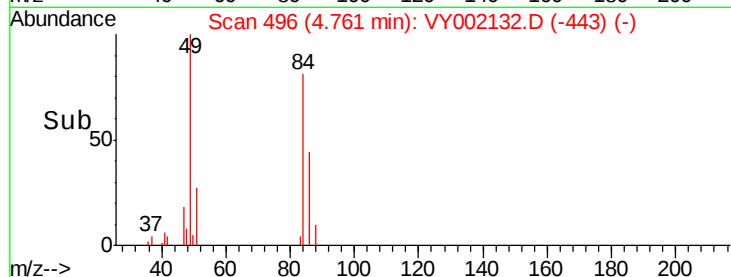
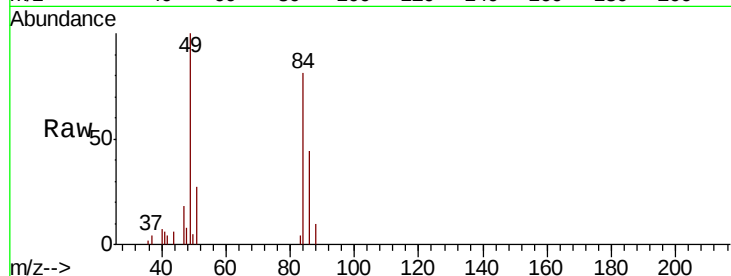




#20
Methylene Chloride
Concen: Below Cal
RT: 4.76 min Scan# 496
Delta R.T. 0.03 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

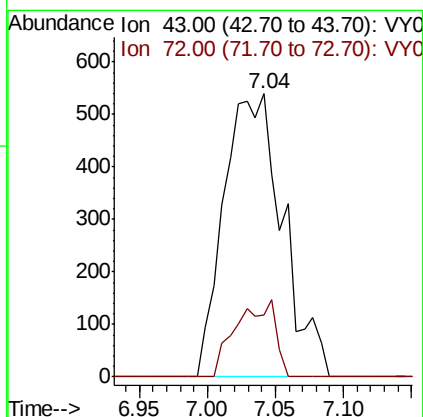
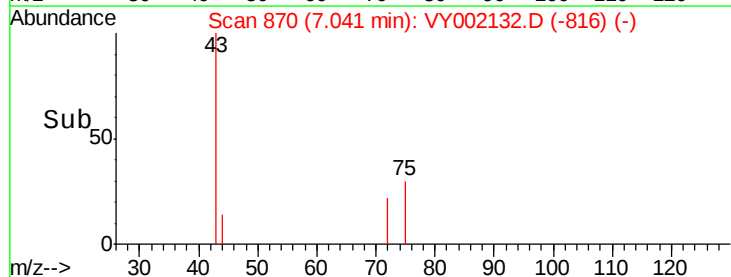
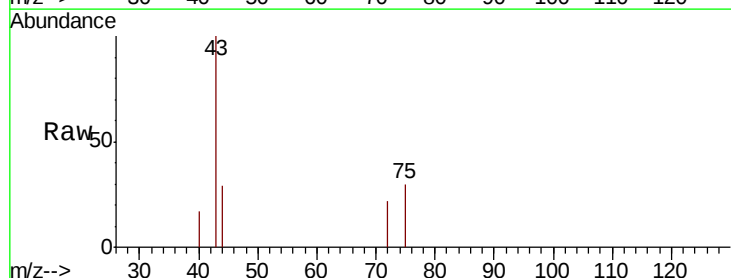
Instrument :
MSVOA_Y
ClientSampleId :

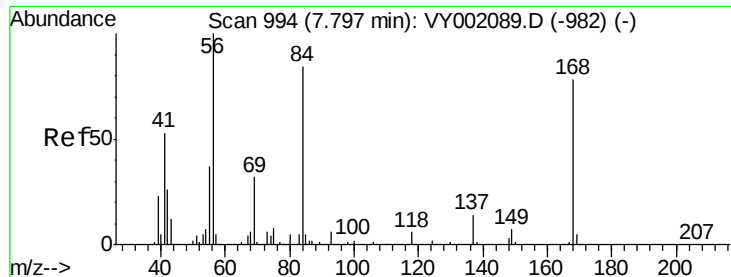
Tot Ion: 84 Resp: 5492
Ion Ratio Lower Upper
84 100
49 123.0 102.2 153.4
51 33.2 31.2 46.8
86 54.4 52.6 78.8



#25
2-Butanone
Concen: 2.943 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.03 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

Tgt Ion: 43 Resp: 1624
Ion Ratio Lower Upper
43 100
72 22.1 20.2 30.2

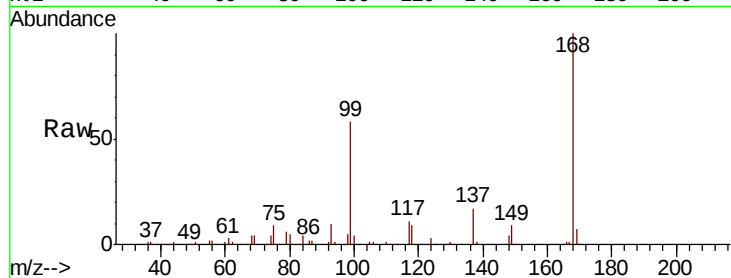




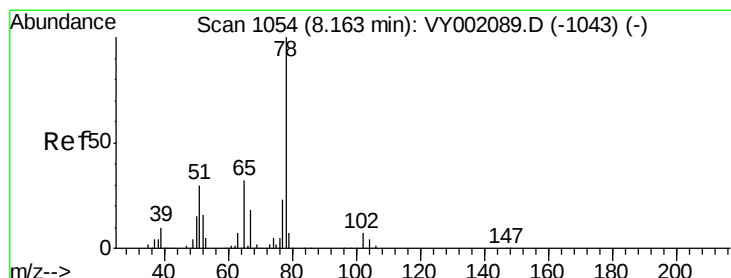
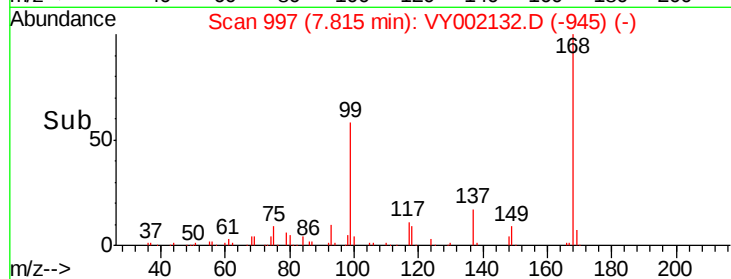
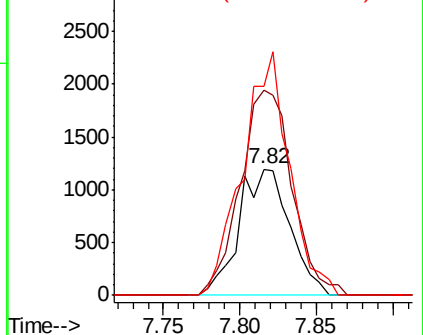
#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.02 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 2757
Ion Ratio Lower Upper
56 100
69 162.7 25.8 38.8#
84 166.2 67.1 100.7#

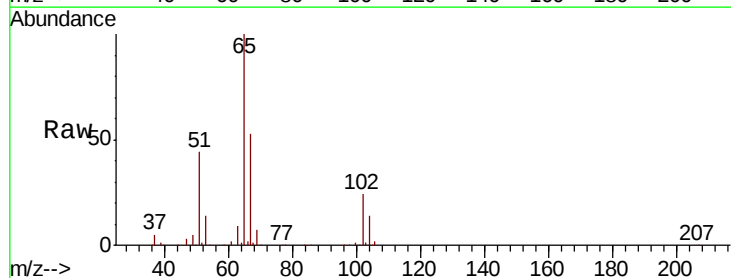


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

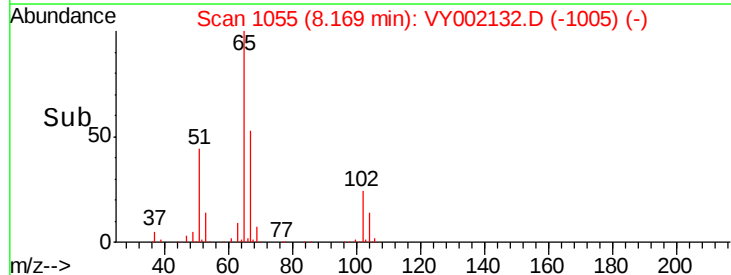
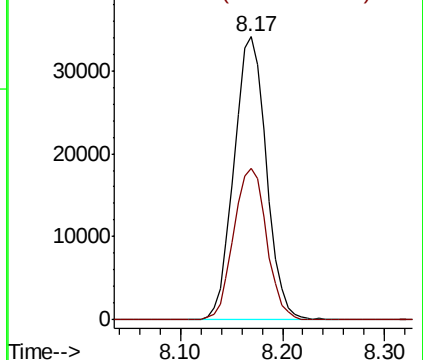


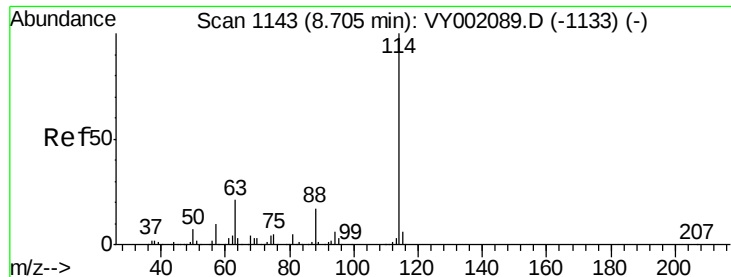
#33
1,2-Dichloroethane-d4
Concen: 58.394 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

Tgt Ion: 65 Resp: 74691
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.8



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

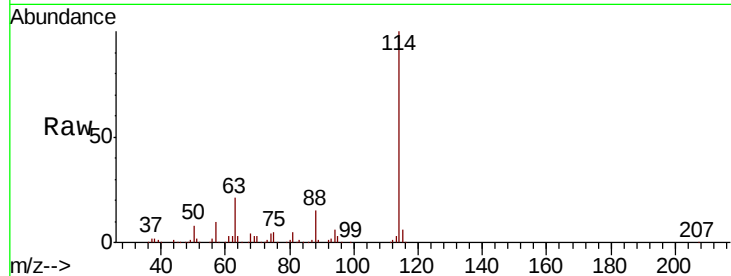




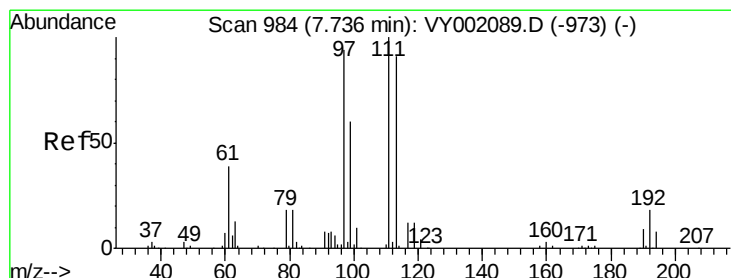
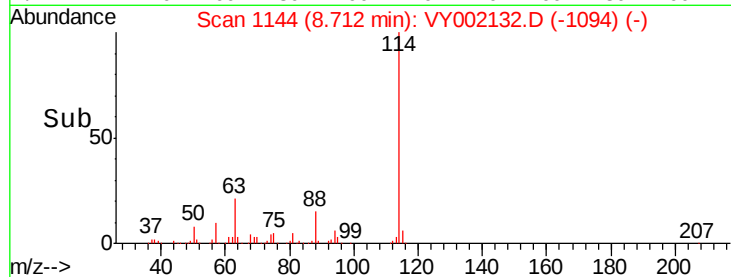
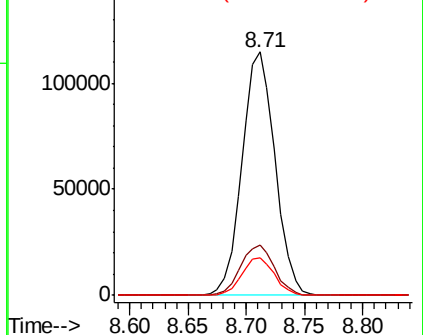
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002132.D
 Acq: 31 Mar 2020 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 226373
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.4 0.0 33.0

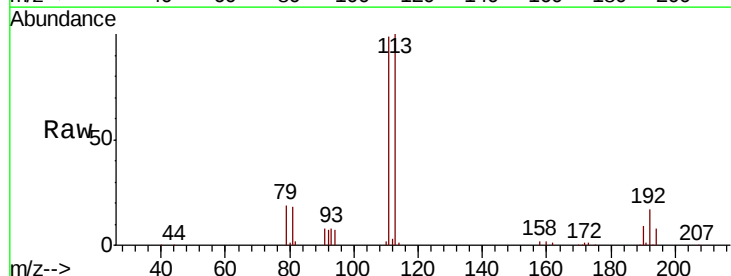


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

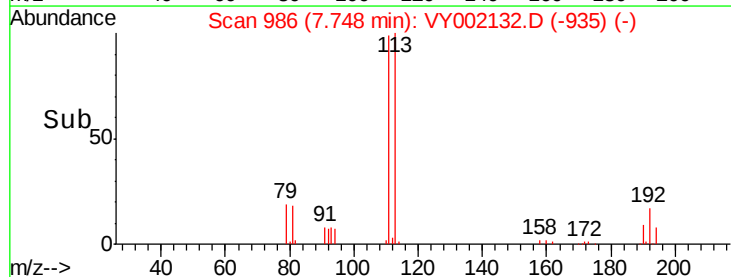
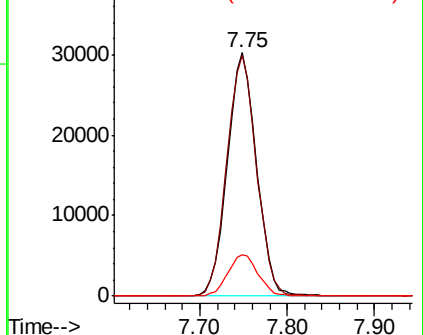


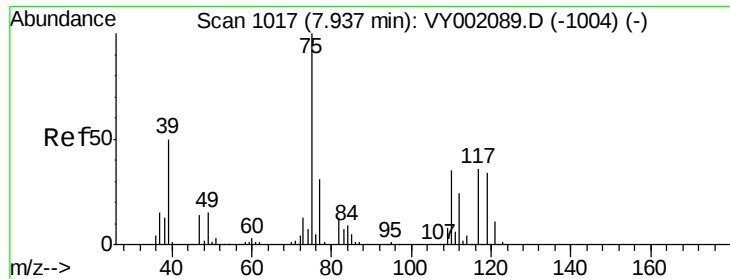
#35
 Dibromofluoromethane
 Concen: 55.284 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002132.D
 Acq: 31 Mar 2020 14:52

Tgt Ion:113 Resp: 70122
 Ion Ratio Lower Upper
 113 100
 111 100.6 84.4 126.6
 192 17.6 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

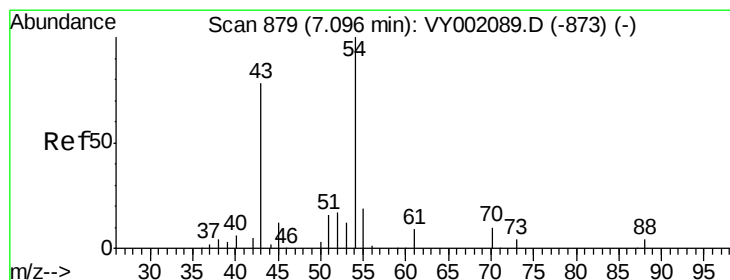
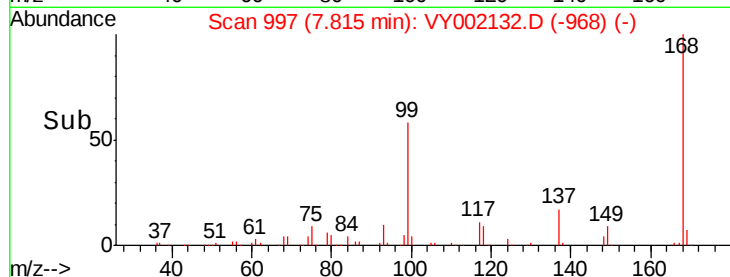
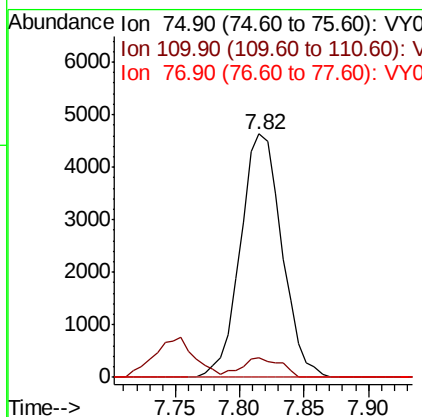
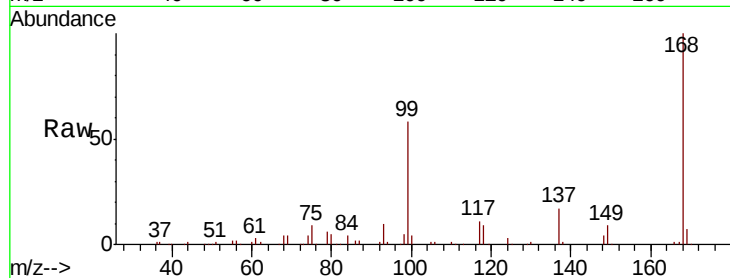




#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002132.D
 Acq: 31 Mar 2020 14:52

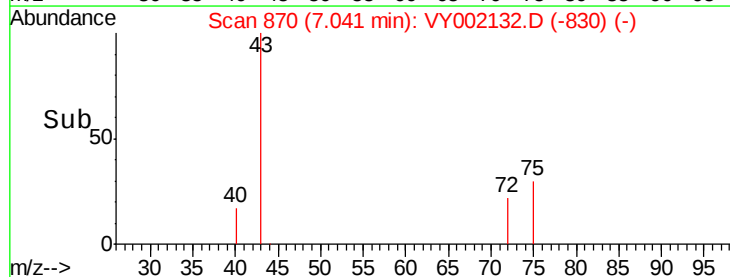
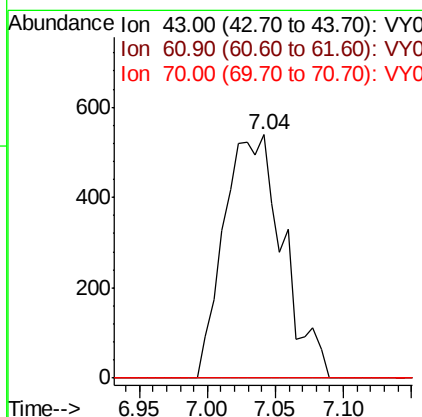
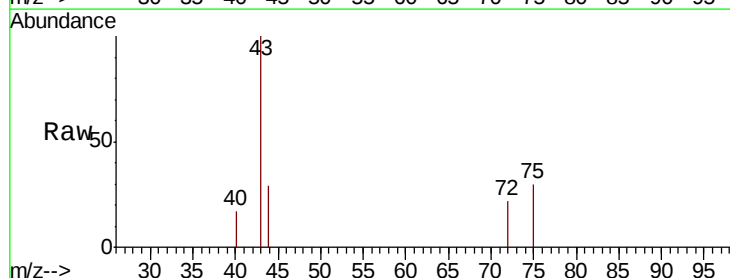
Instrument :
 MSVOA_Y
 ClientSampled :

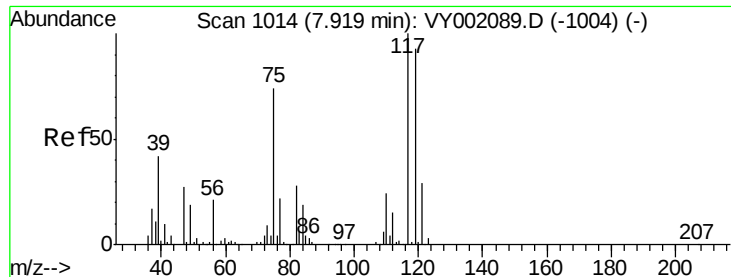
Tot Ion	75	Resp	10293
Ion Ratio	Lower	Upper	
75	100		
110	7.7	17.2	51.6#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 1.255 ug/l
 RT: 7.04 min Scan# 870
 Delta R.T. -0.05 min
 Lab File: VY002132.D
 Acq: 31 Mar 2020 14:52

Tgt Ion	43	Resp	1624
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.2	16.8#
70	0.0	8.2	12.4#





#38

Carbon Tetrachloride

Concen: 6.693 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002132.D

Acq: 31 Mar 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

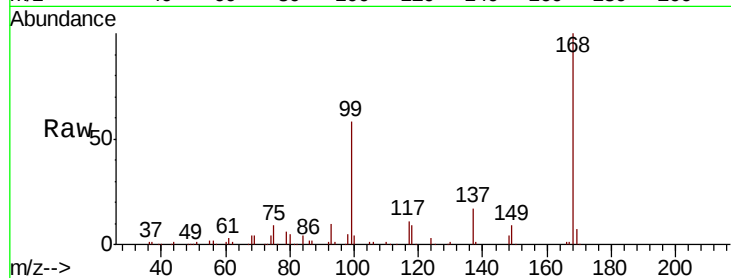
Tot Ion:117 Resp: 12158

Ion Ratio Lower Upper

117 100

119 3.4 74.3 111.5#

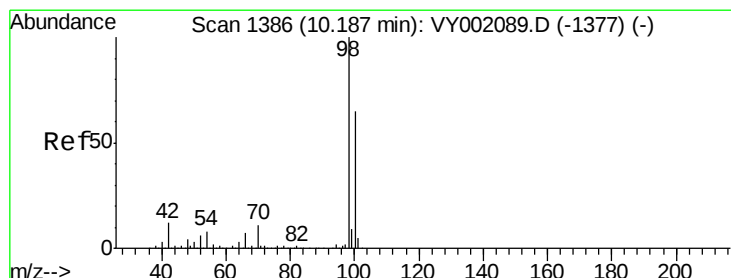
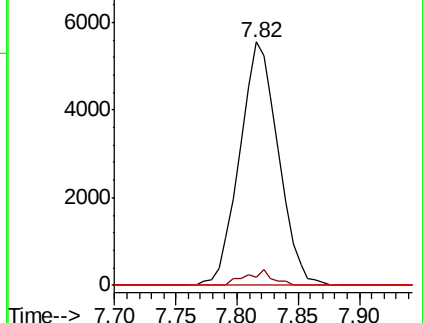
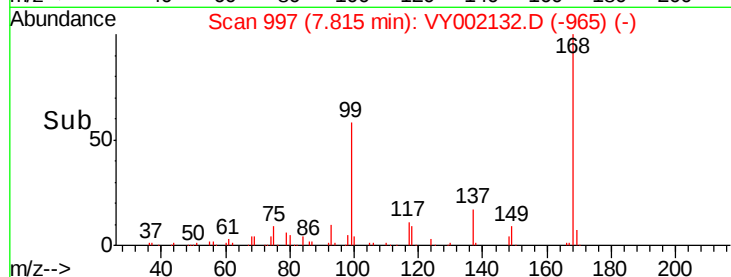
121 0.0 23.3 34.9#



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: 47.993 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002132.D

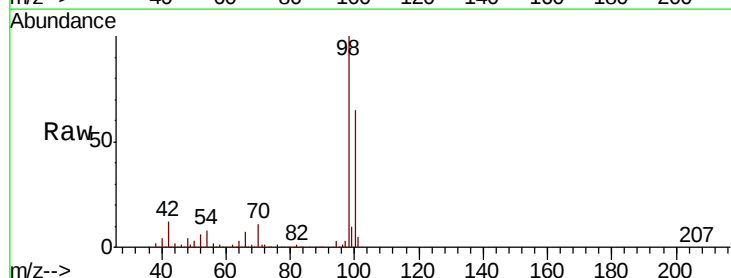
Acq: 31 Mar 2020 14:52

Tgt Ion: 98 Resp: 252887

Ion Ratio Lower Upper

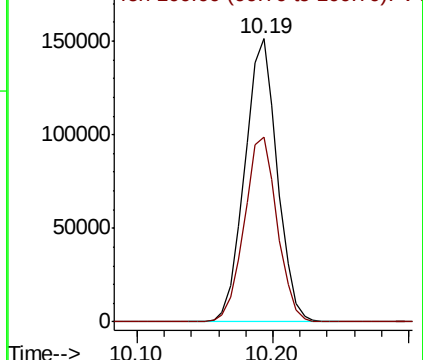
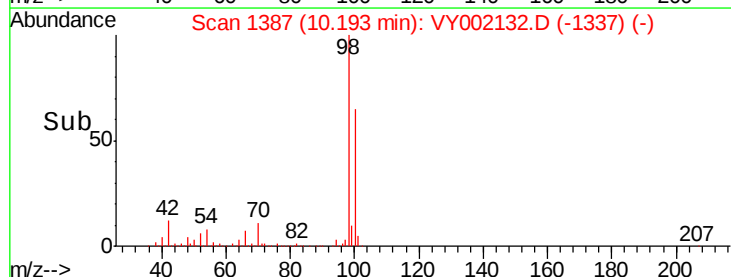
98 100

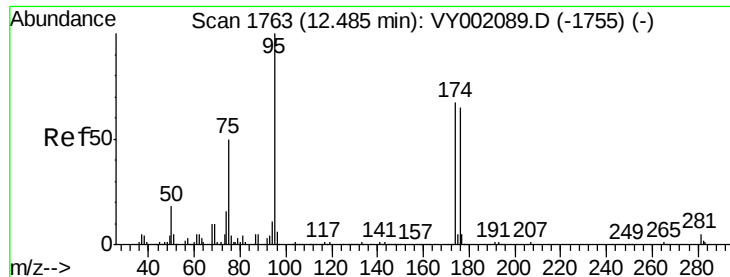
100 66.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

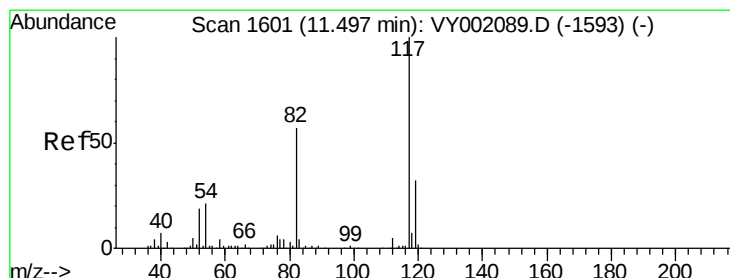
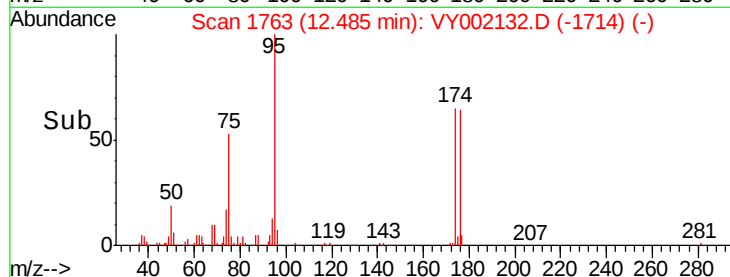
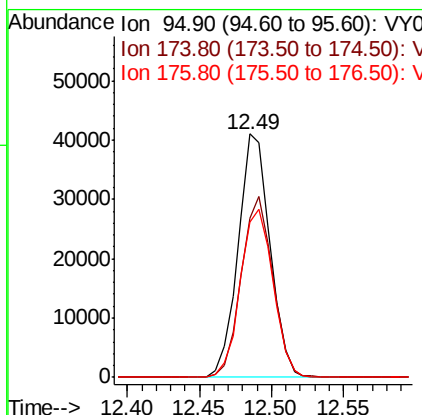
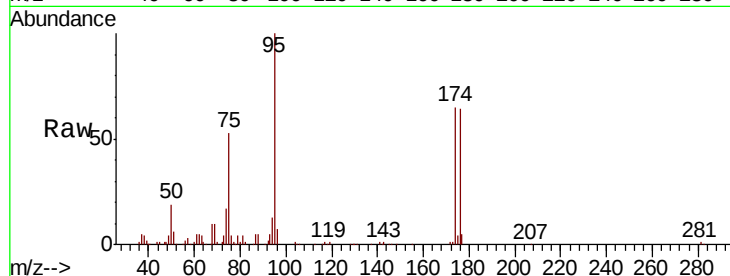




#62
4-Bromofluorobenzene
Concen: 34.058 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

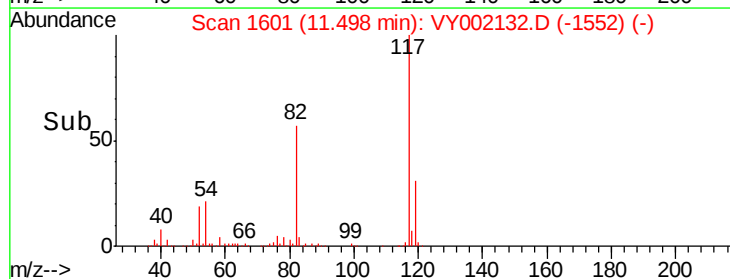
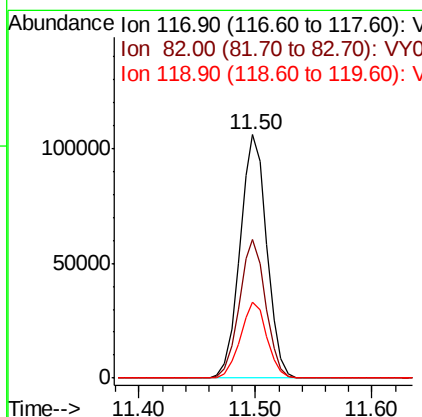
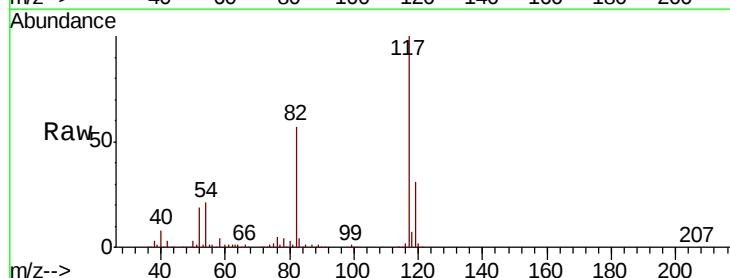
Instrument :
MSVOA_Y
ClientSampleId :

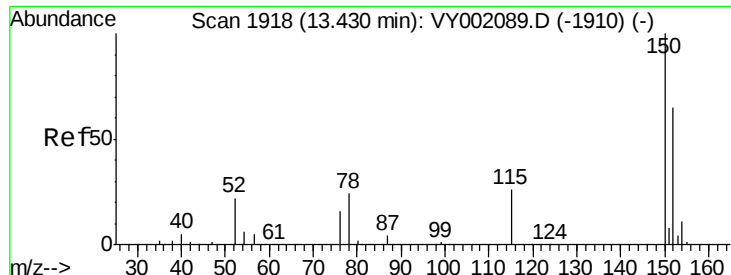
Tot Ion: 95 Resp: 62763
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.4
176 70.8 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002132.D
Acq: 31 Mar 2020 14:52

Tgt Ion: 117 Resp: 169105
Ion Ratio Lower Upper
117 100
82 57.1 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: VY002132.D

Acq: 31 Mar 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

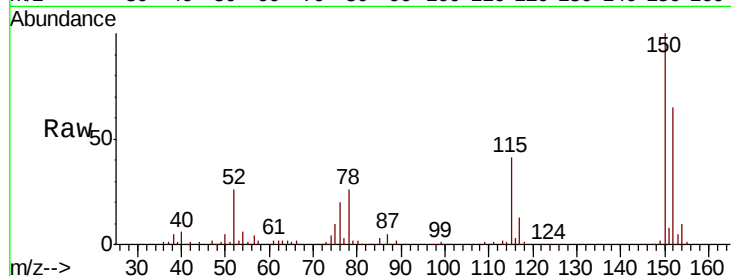
Tot Ion:152 Resp: 47012

Ion Ratio Lower Upper

152 100

115 62.1 31.2 93.6

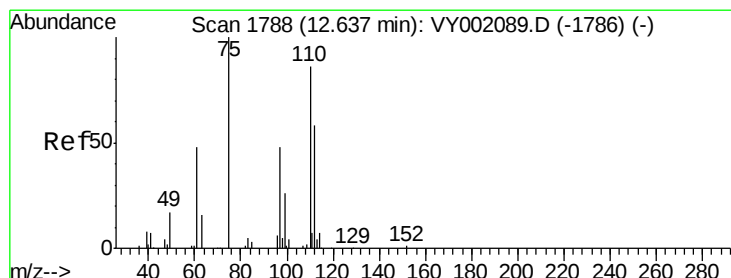
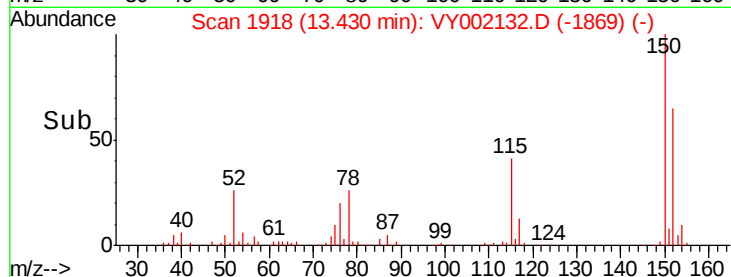
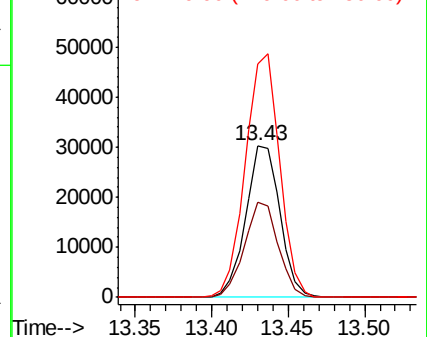
150 160.8 0.0 354.8



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: 63.519 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002132.D

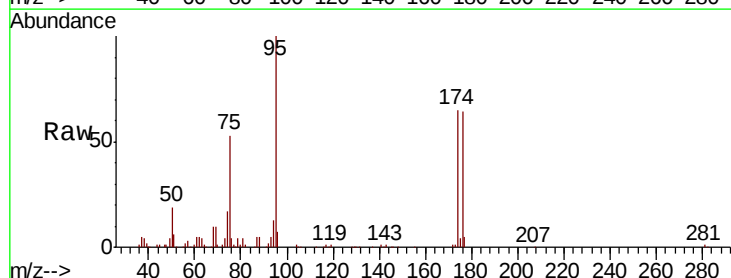
Acq: 31 Mar 2020 14:52

Tgt Ion: 75 Resp: 33403

Ion Ratio Lower Upper

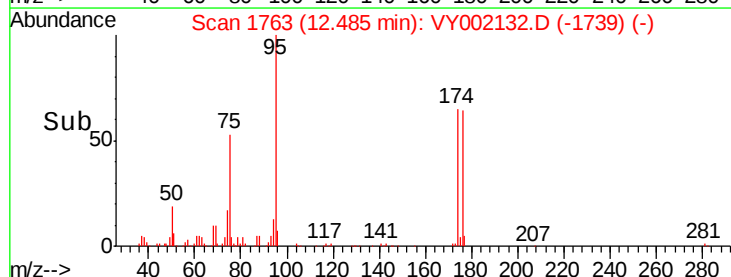
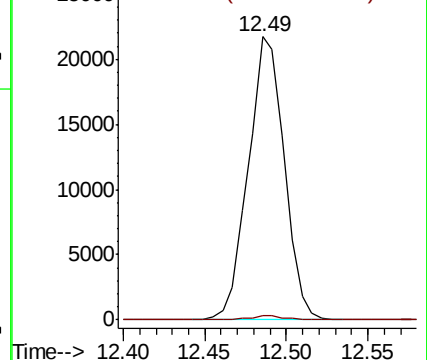
75 100

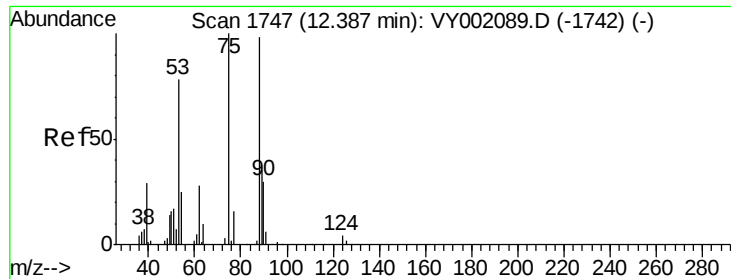
77 1.4 0.0 0.0#



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: 123.059 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002132.D

Acq: 31 Mar 2020 14:52

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 33403

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

