

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002235.D
 Acq On : 06 Apr 2020 14:32
 Operator : SY/MD
 Sample : L2166-15
 Misc : 6.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:24:51 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

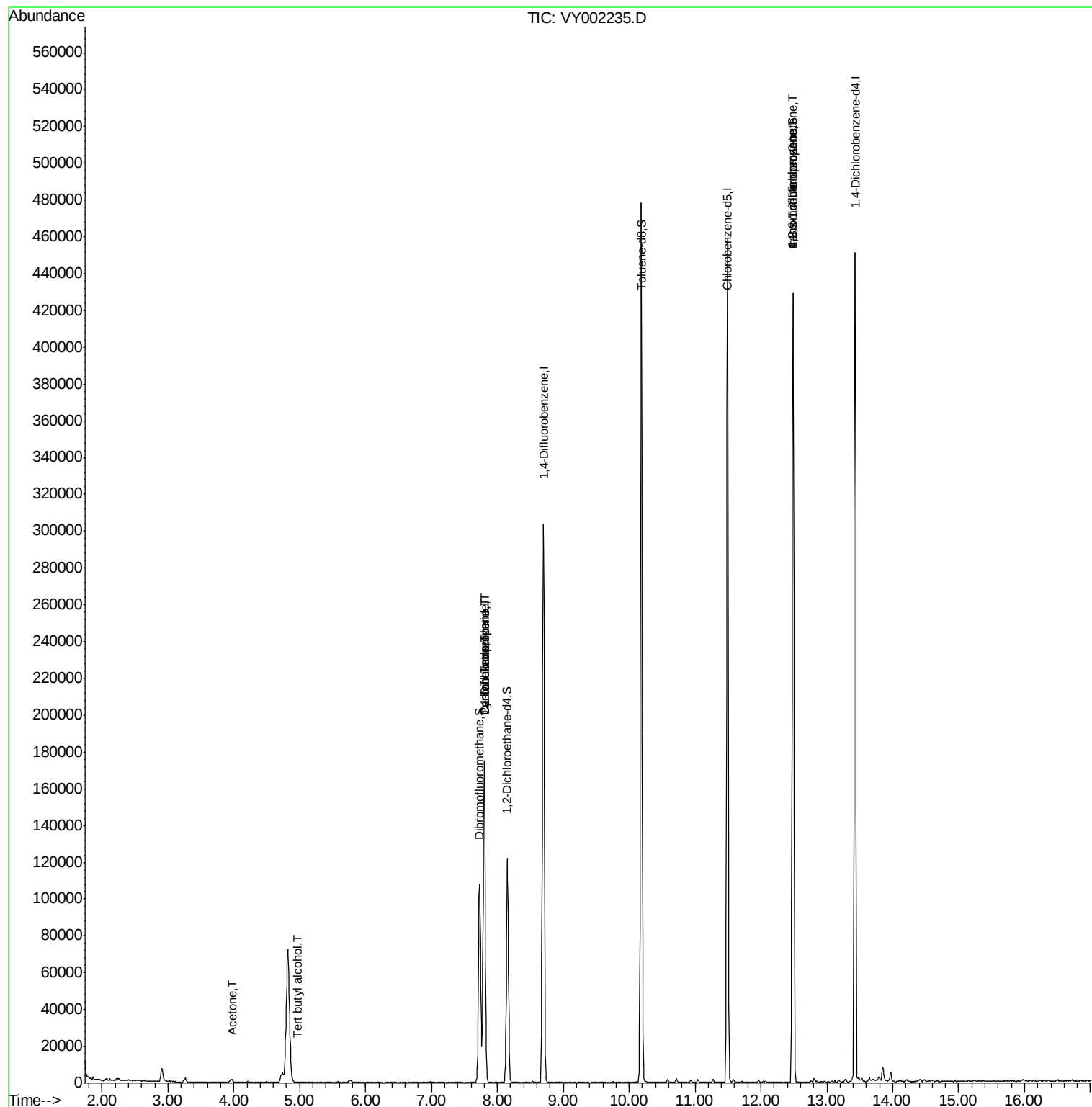
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	130074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	256482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	88603	61.62	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	123.24%	
35) Dibromofluoromethane	7.73	113	78215	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.18	98	316200	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.48	95	112677	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	448	2.644	ug/l #	74
16) Acetone	3.96	43	2389	5.914	ug/l	89
20) Methylene Chloride	4.73	84	3810	Below Cal	#	90
31) Cyclohexane	7.80	56	3332	1.112	ug/l #	10
36) 1,1-Dichloropropene	7.80	75	11162	4.601	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13551	6.584	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	58726	47.693	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58726	92.399	ug/l #	18

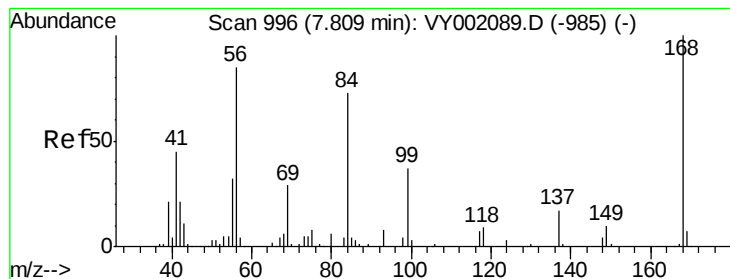
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Instrument :

MSVOA_Y

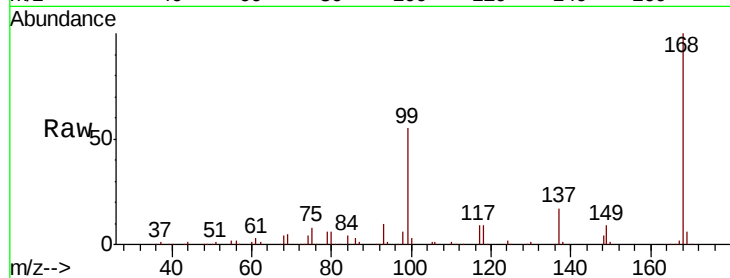
ClientSampleId :

Tot Ion:168 Resp: 130074

Ion Ratio Lower Upper

168 100

99 55.5 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) (-)

7.80

60000

40000

20000

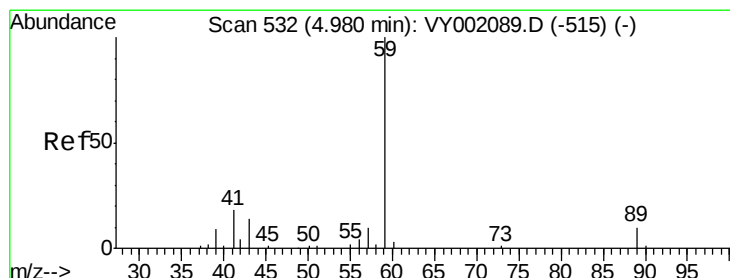
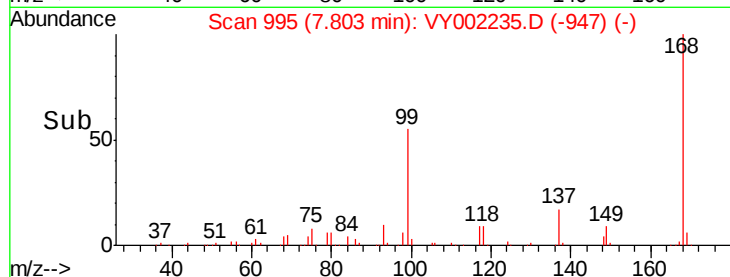
0

Time-->

7.70

7.80

7.90



#11

Tert butyl alcohol

Concen: 2.644 ug/l

RT: 4.97 min Scan# 531

Delta R.T. -0.01 min

Lab File: VY002235.D

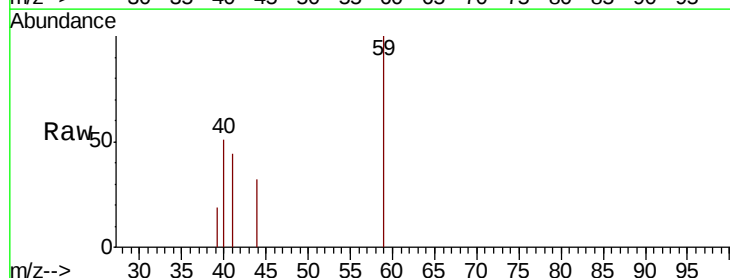
Acq: 06 Apr 2020 14:32

Tgt Ion: 59 Resp: 448

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002089.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY002089.D (-515) (-)

4.97

300

250

200

150

100

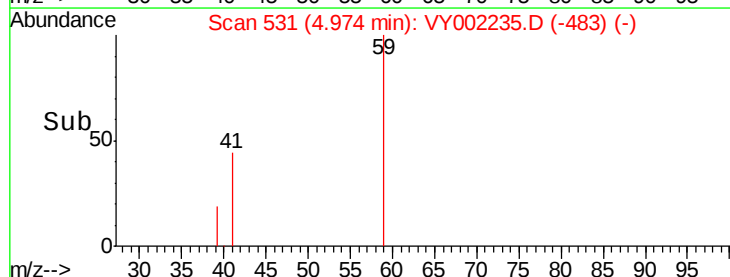
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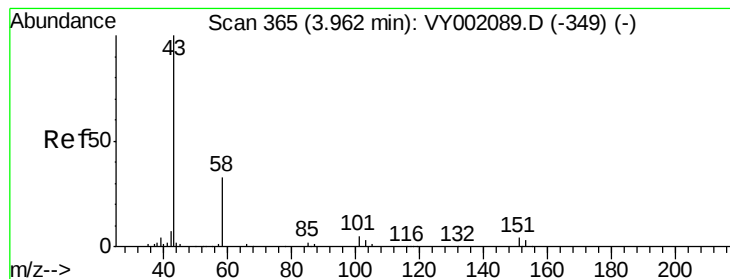
0

Time-->

4.95

5.00





#16

Acetone

Concen: 5.914 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

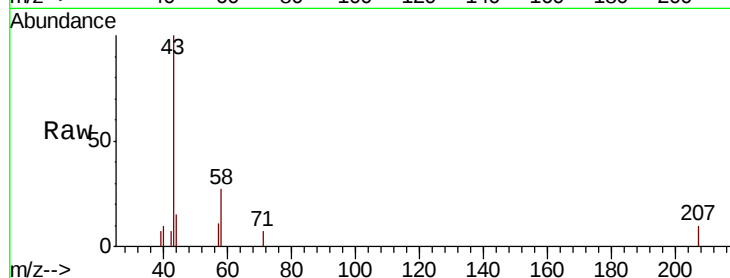
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 2389

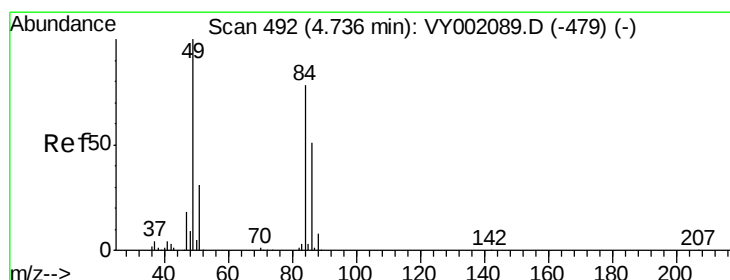
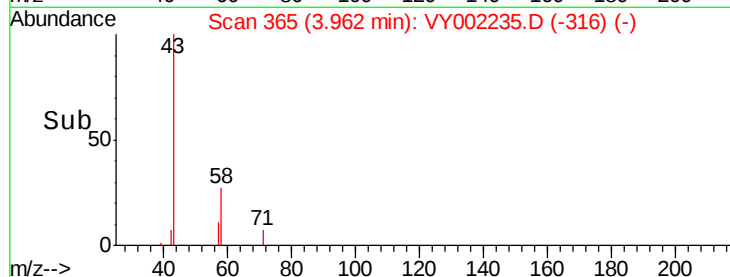
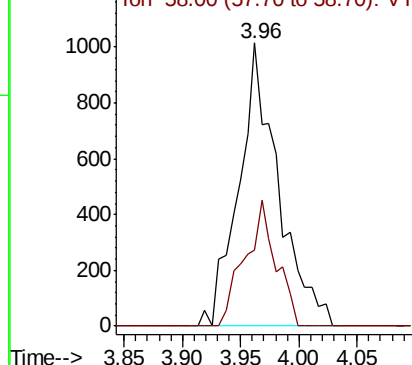
Ion Ratio Lower Upper

43 100

58 26.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Tgt Ion: 84 Resp: 3810

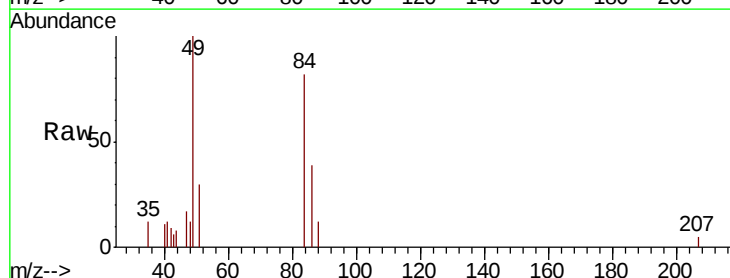
Ion Ratio Lower Upper

84 100

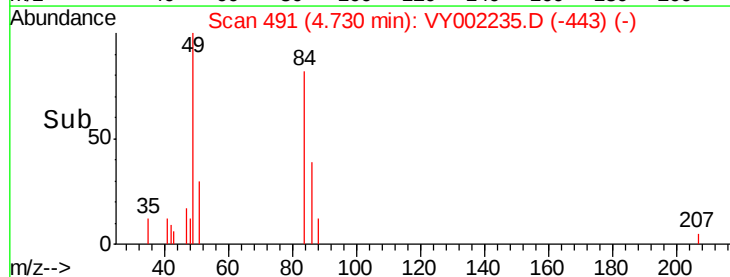
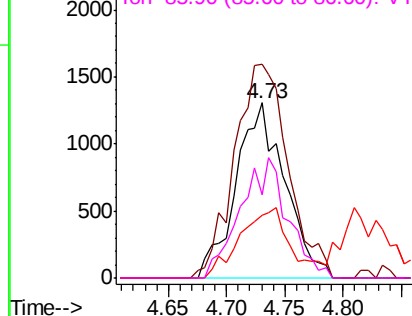
49 122.0 102.2 153.4

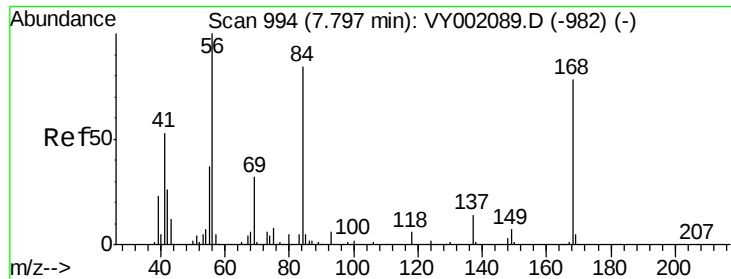
51 36.1 31.2 46.8

86 47.8 52.6 78.8#



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

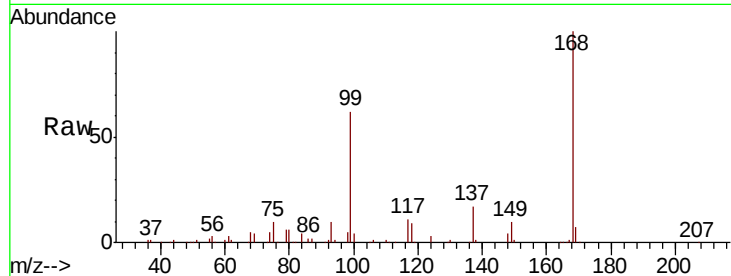




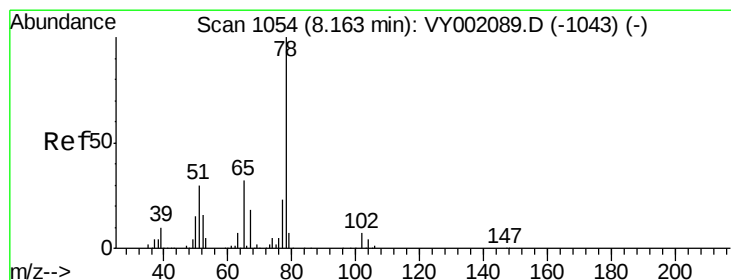
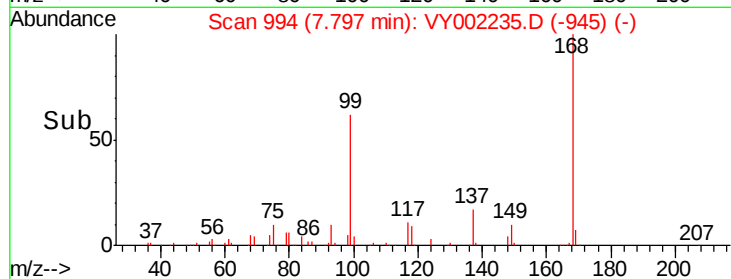
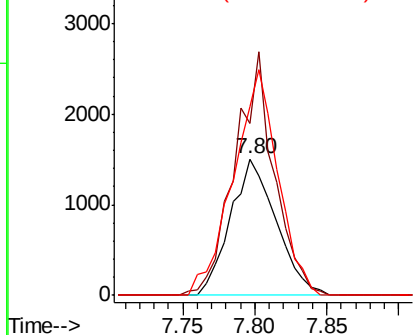
#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3332
Ion Ratio Lower Upper
56 100
69 125.7 25.8 38.8#
84 138.5 67.1 100.7#

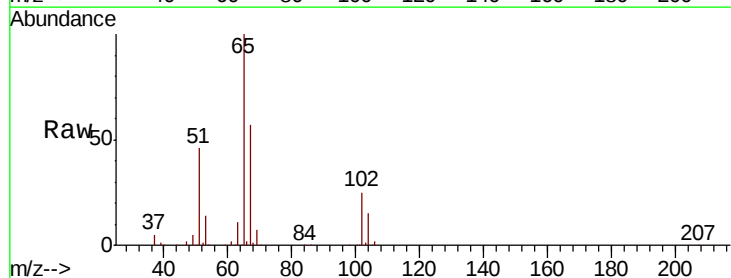


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

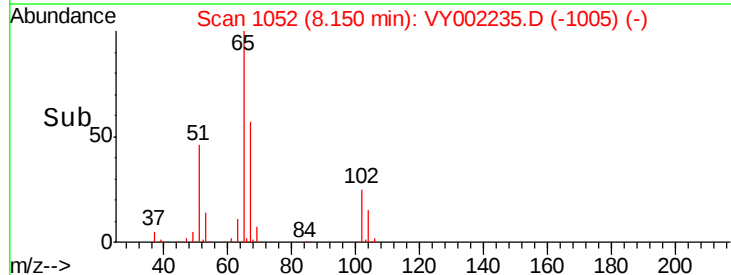
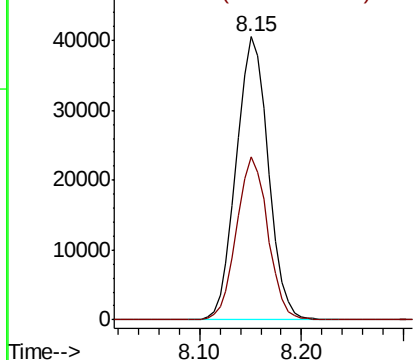


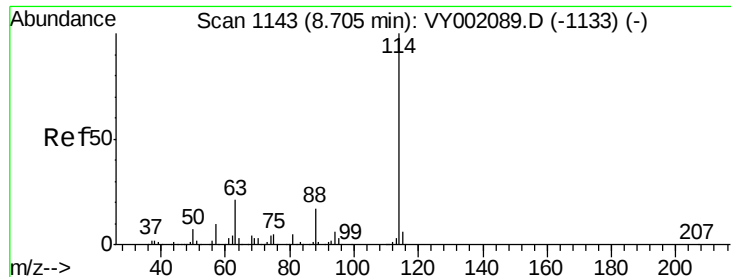
#33
1,2-Dichloroethane-d4
Concen: 61.618 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Tgt Ion: 65 Resp: 88603
Ion Ratio Lower Upper
65 100
67 56.0 0.0 112.8



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

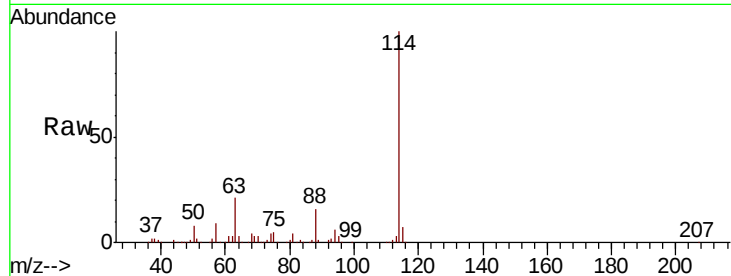




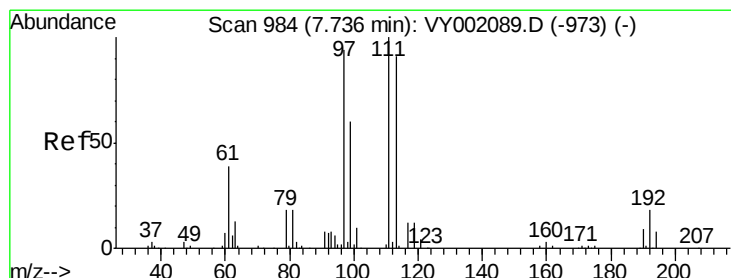
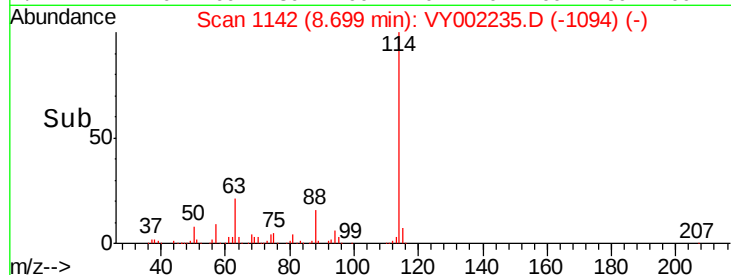
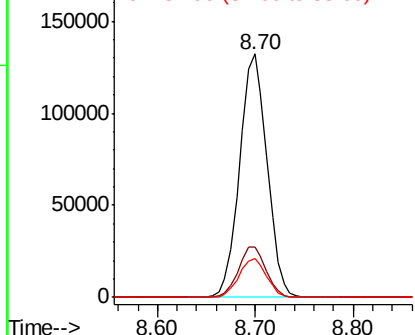
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 256482
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 16.1 0.0 33.0

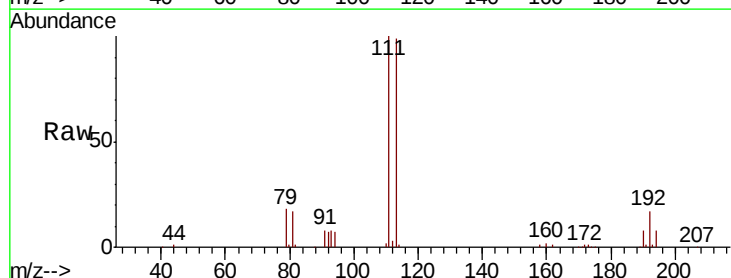


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

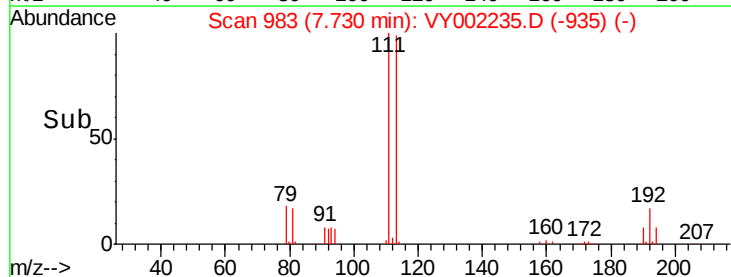
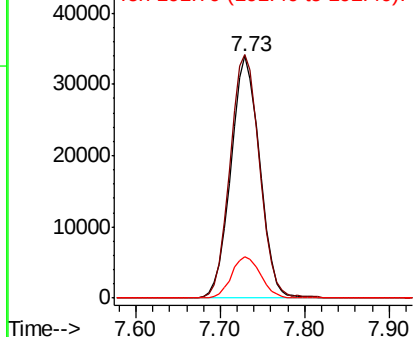


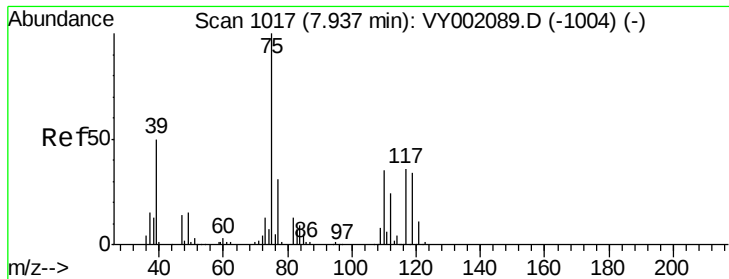
#35
 Dibromofluoromethane
 Concen: 54.425 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

Tgt Ion:113 Resp: 78215
 Ion Ratio Lower Upper
 113 100
 111 103.3 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

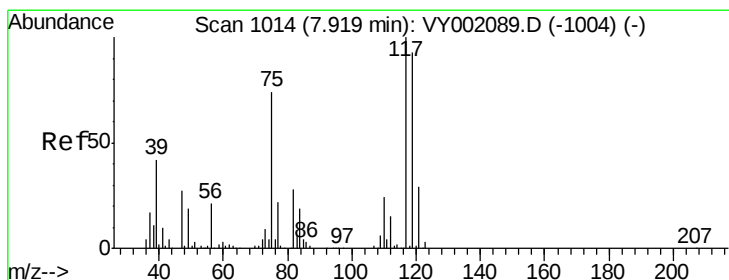
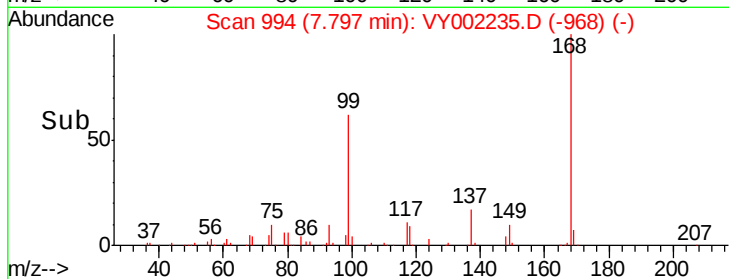
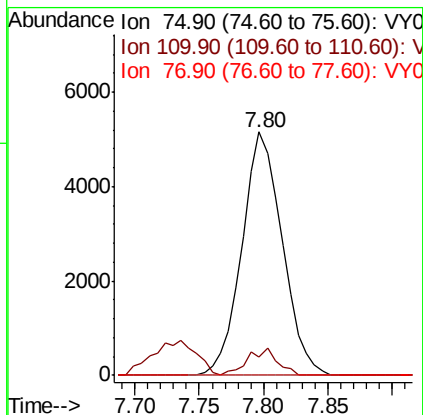
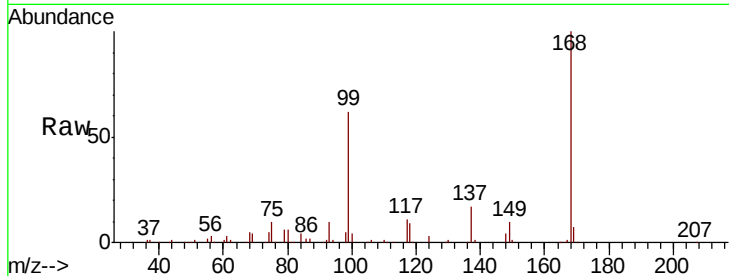




#36
 1,1-Dichloropropene
 Concen: 4.601 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.14 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

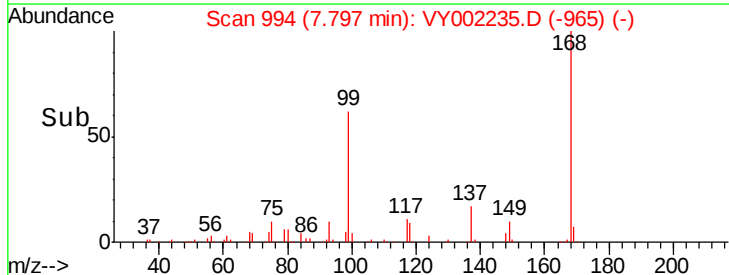
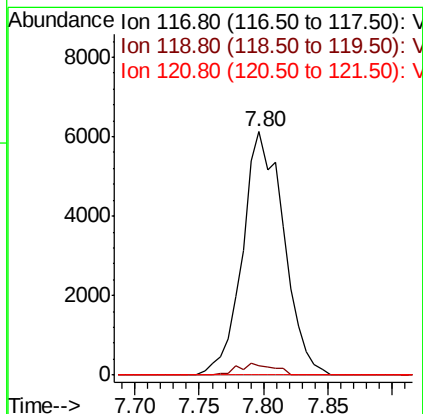
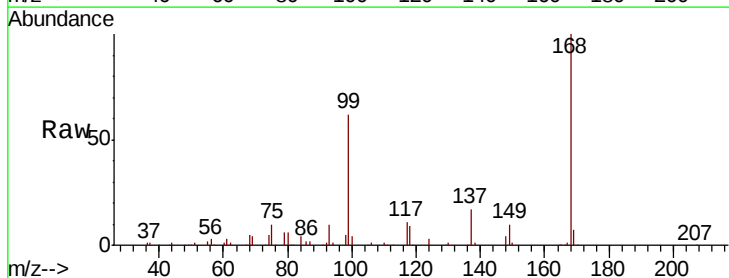
Instrument :
 MSVOA_Y
 ClientSampleId :

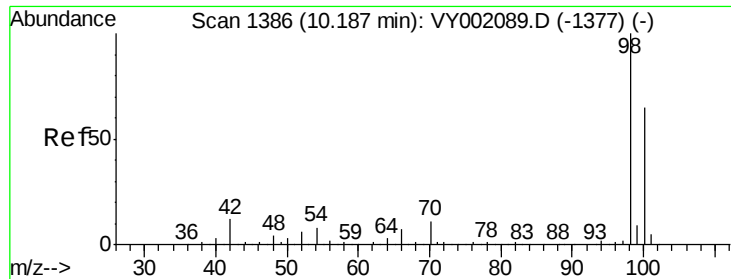
Tot Ion	75	Resp	11162
Ion Ratio	100	Lower	Upper
75	100		
110	8.2	17.2	51.6#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.584 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

Tgt Ion	117	Resp	13551
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	3.7	74.3	111.5#
121	0.0	23.3	34.9#





#50

Toluene-d8

Concen: 52.964 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

Instrument :

MSVOA_Y

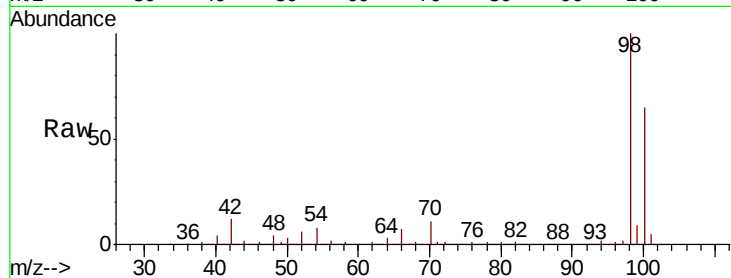
ClientSampleId :

Tot Ion: 98 Resp: 316200

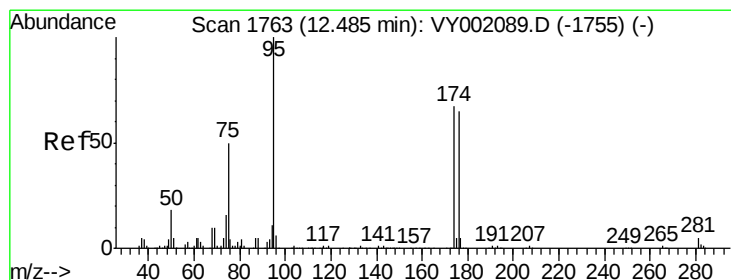
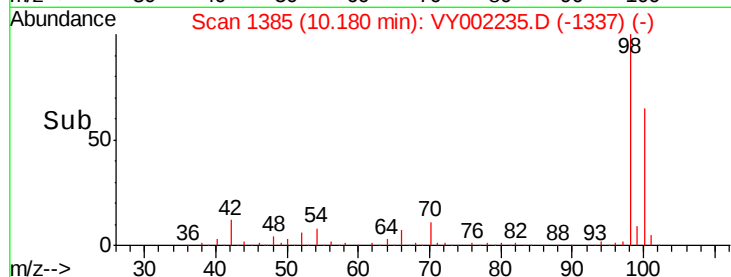
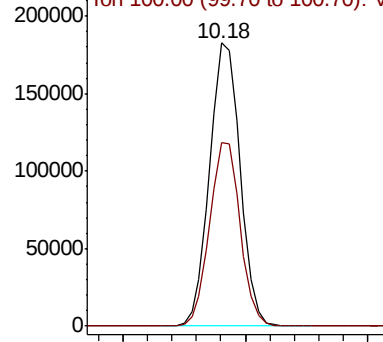
Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 53.966 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002235.D

Acq: 06 Apr 2020 14:32

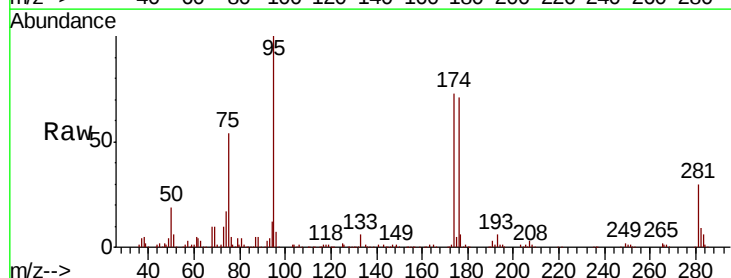
Tgt Ion: 95 Resp: 112677

Ion Ratio Lower Upper

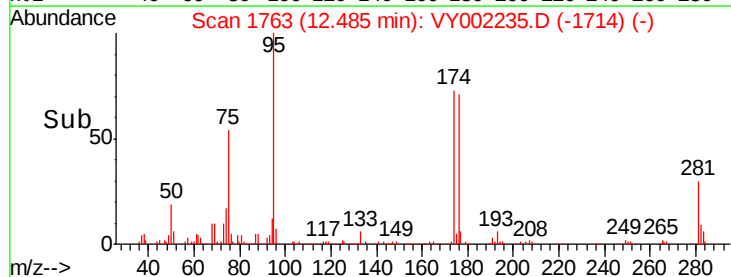
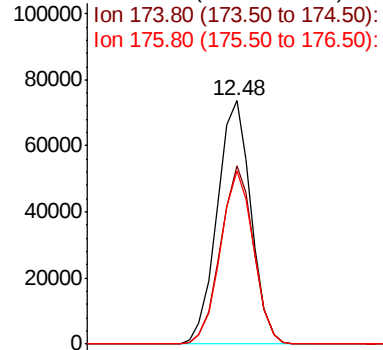
95 100

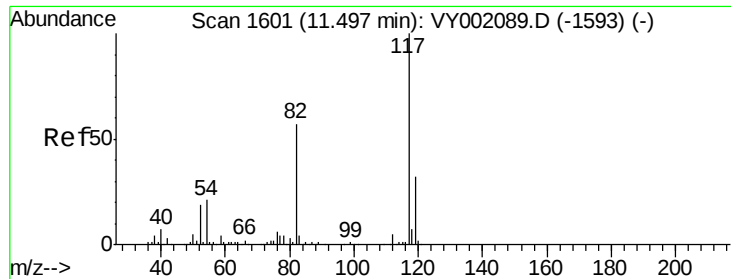
174 71.7 0.0 143.4

176 70.2 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

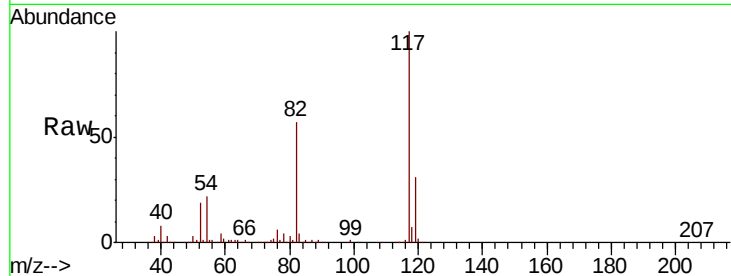




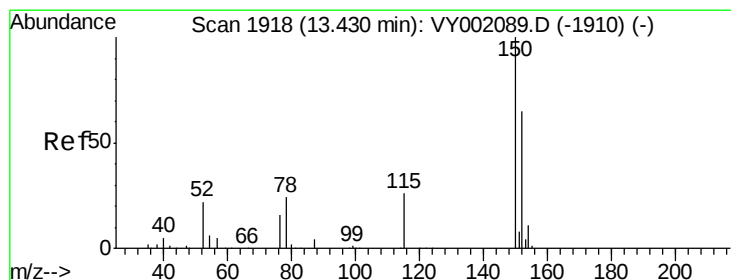
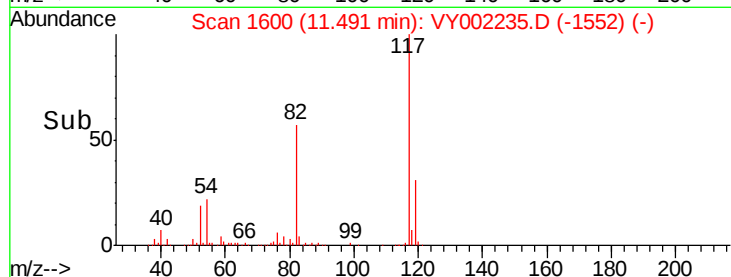
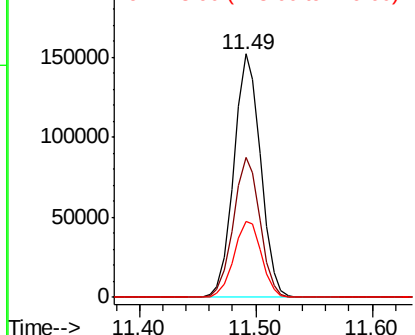
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 242797
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 31.4 25.3 37.9

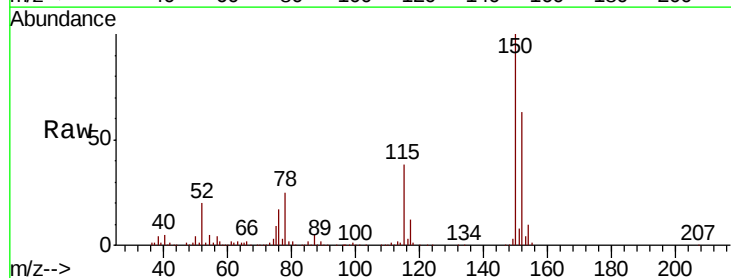


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

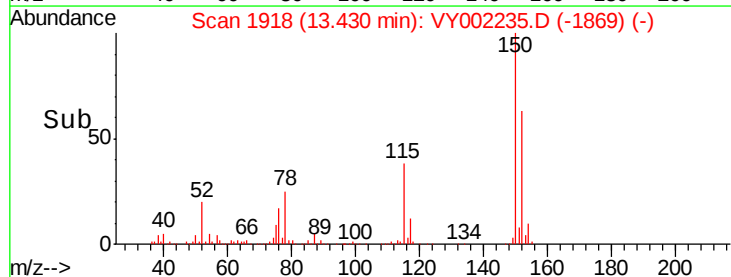
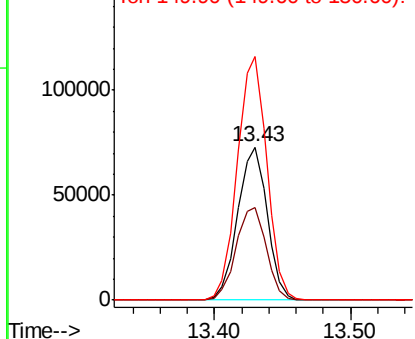


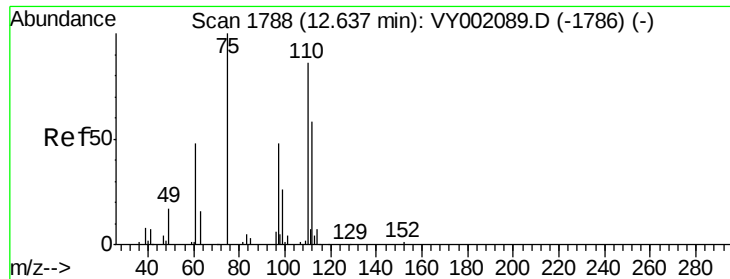
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002235.D
Acq: 06 Apr 2020 14:32

Tgt Ion:152 Resp: 110078
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 159.8 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

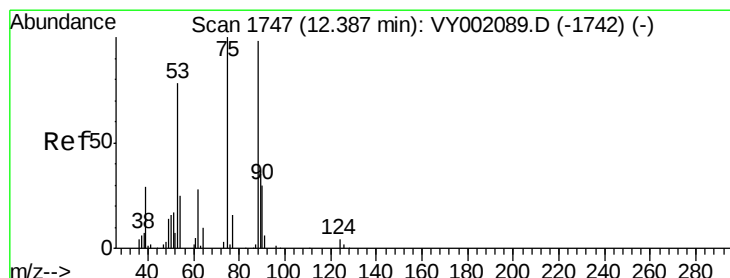
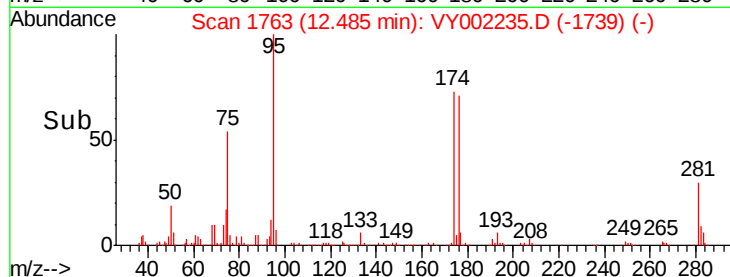
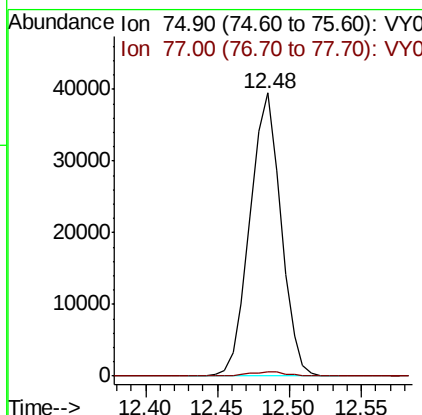
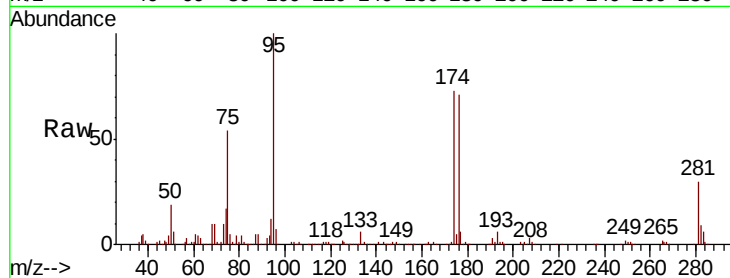




#76
 1,2,3-Trichloropropane
 Concen: 47.693 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 58726
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.399 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002235.D
 Acq: 06 Apr 2020 14:32

Tgt Ion: 75 Resp: 58726
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.0 97.4#
 89 1.1 33.4 50.0#

