

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002590.D
 Acq On : 05 May 2020 16:36
 Operator : SY/MD
 Sample : L2483-04
 Misc : 4.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

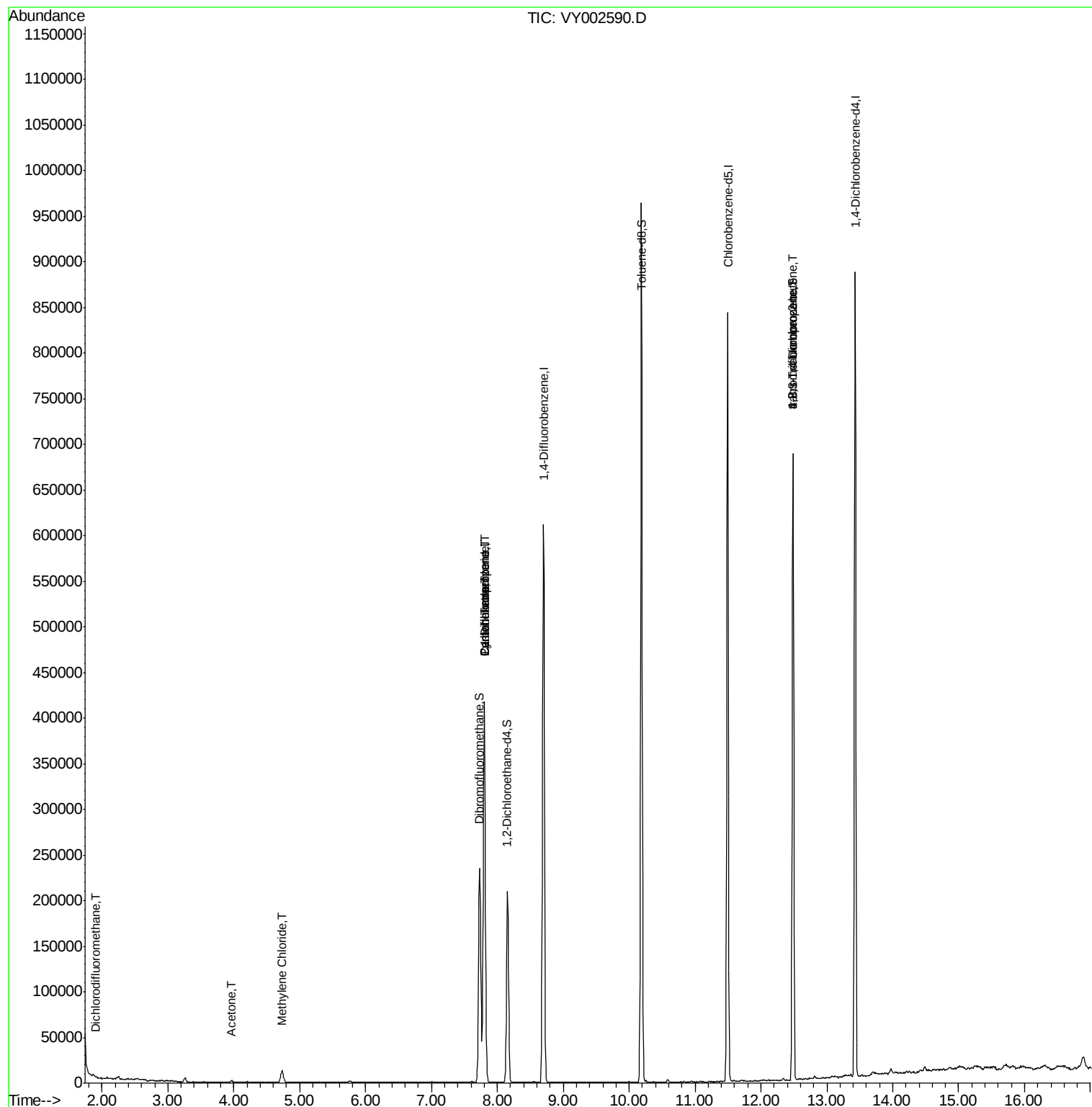
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	351283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	555765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	496288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	234495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	163313	55.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.73	113	166341	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	10.19	98	646110	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.49	95	209486	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	542	1.965	ug/l	84
16) Acetone	3.97	43	2558	4.196	ug/l #	80
20) Methylene Chloride	4.73	84	9917	2.909	ug/l #	87
31) Cyclohexane	7.80	56	5413	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	23249	4.990	ug/l #	48
38) Carbon Tetrachloride	7.80	117	31579	6.208	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	101228	48.577	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	101228	97.406	ug/l #	15

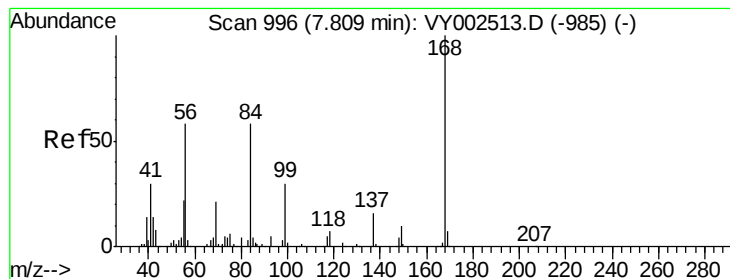
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 03:20:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 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: VY002590.D

Acq: 05 May 2020 16:36

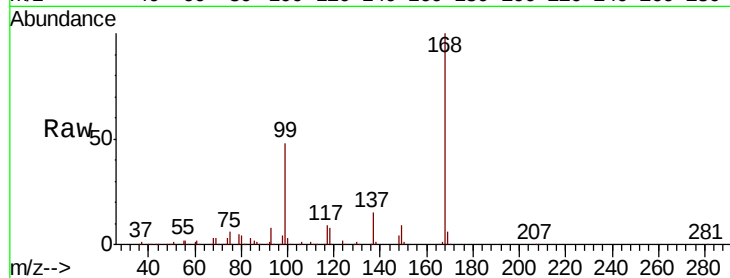
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 351283

Ion Ratio Lower Upper

168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

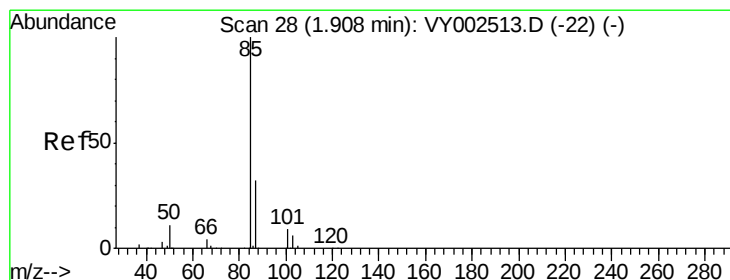
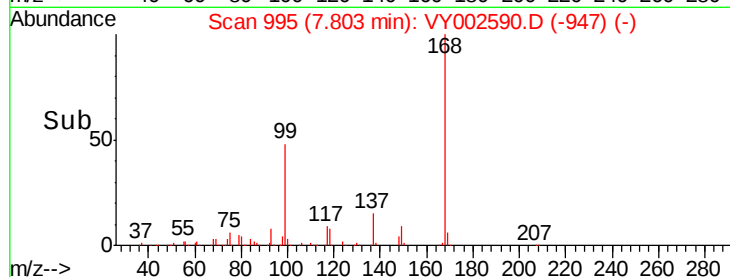
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.965 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002590.D

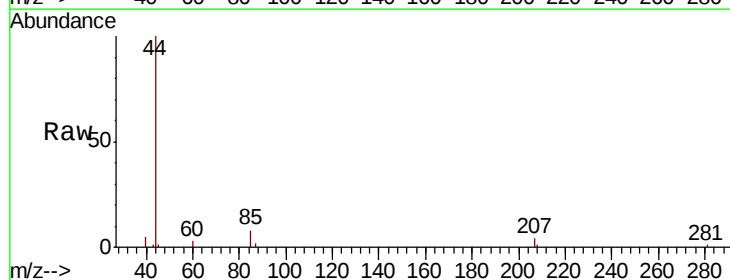
Acq: 05 May 2020 16:36

Tgt Ion: 85 Resp: 542

Ion Ratio Lower Upper

85 100

87 22.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

500

400

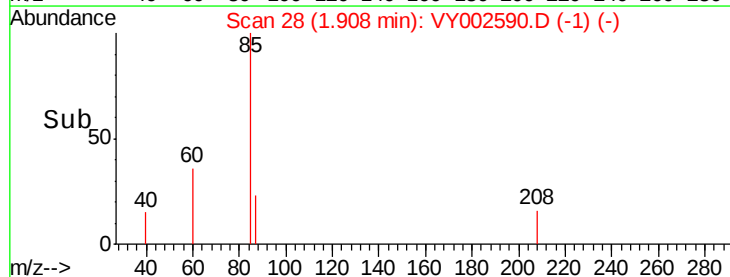
300

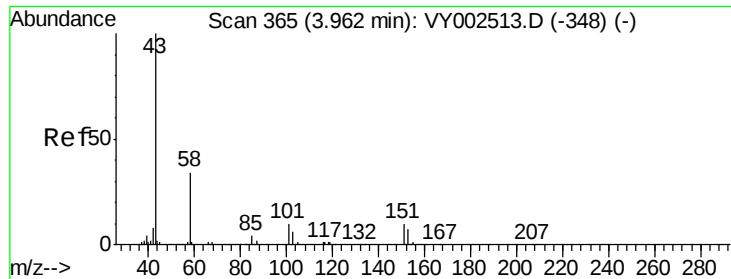
200

100

0

Time-->





#16

Acetone

Concen: 4.196 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Instrument :

MSVOA_Y

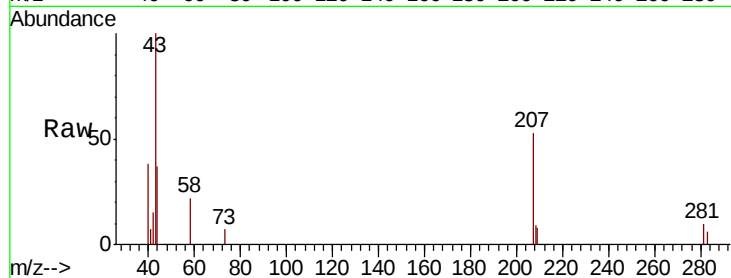
ClientSampleId :

Tot Ion: 43 Resp: 2558

Ion Ratio Lower Upper

43 100

58 22.1 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.97

800

600

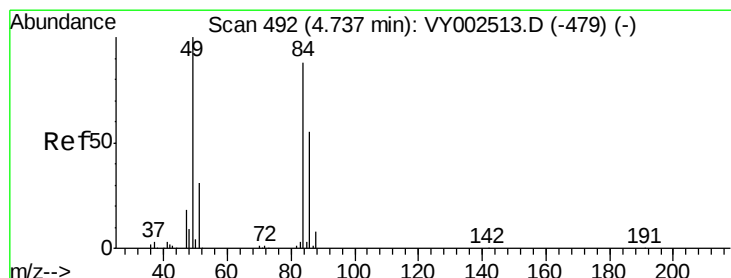
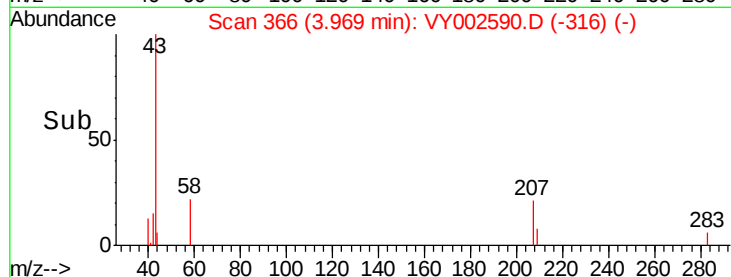
400

200

0

3.90 3.95 4.00 4.05

Time-->



#20

Methylene Chloride

Concen: 2.909 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Tgt Ion: 84 Resp: 9917

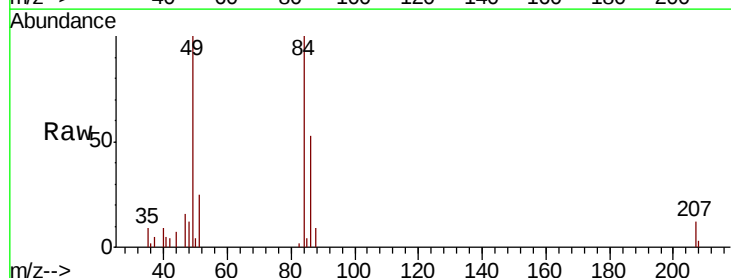
Ion Ratio Lower Upper

84 100

49 100.1 90.5 135.7

51 25.1 28.3 42.5#

86 53.0 49.9 74.9



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

4.73

5000

4000

3000

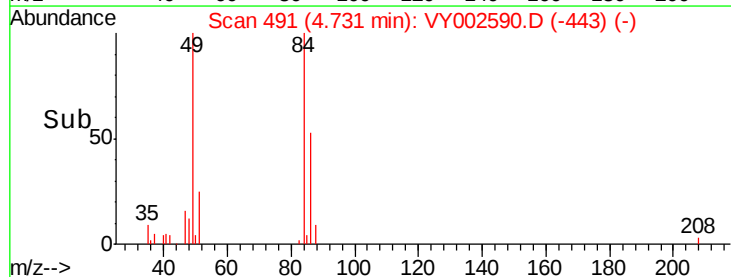
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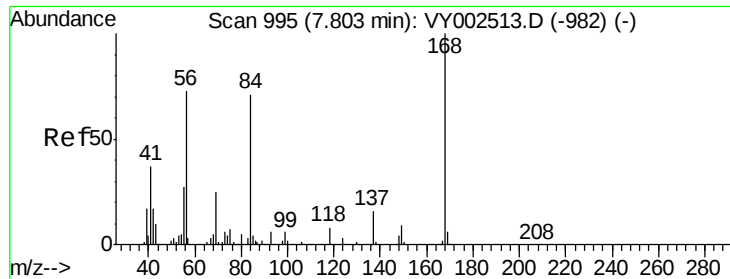
1000

0

4.60 4.70 4.80

Time-->

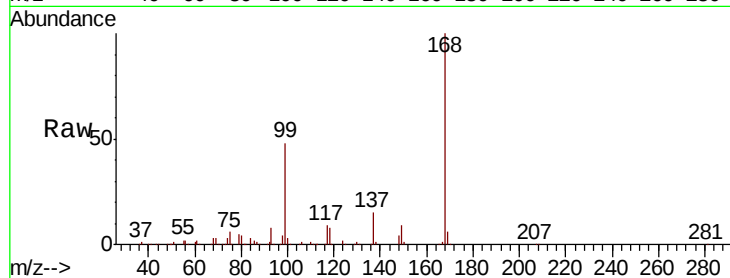




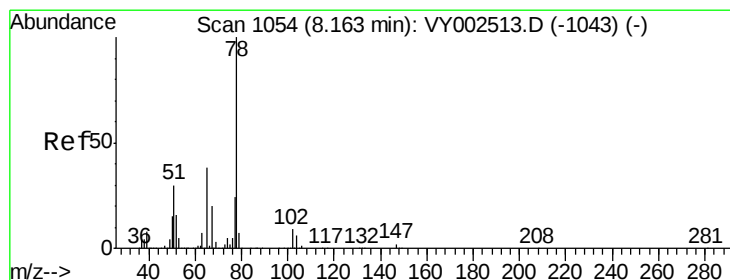
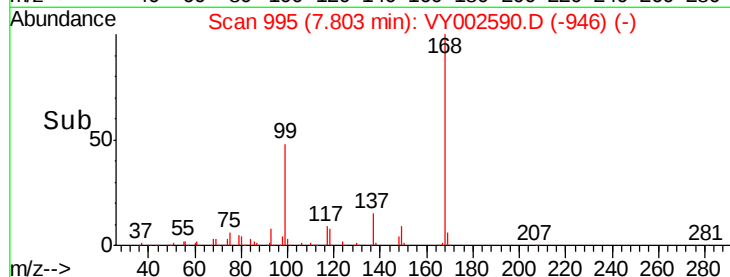
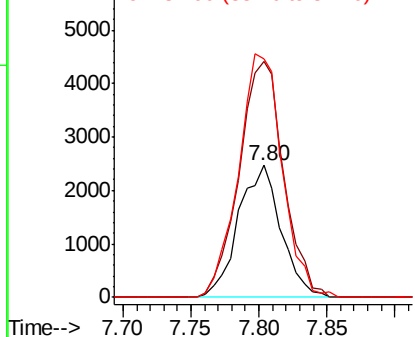
#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 5413
Ion Ratio Lower Upper
56 100
69 179.0 27.6 41.4#
84 181.1 77.7 116.5#

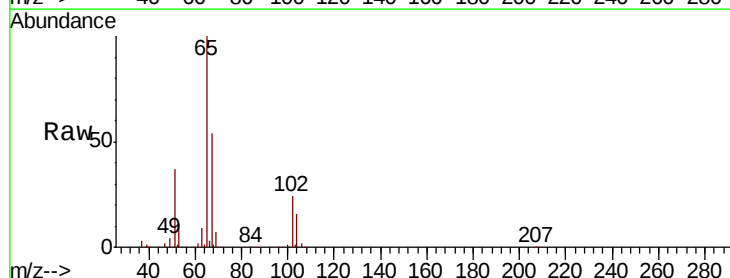


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

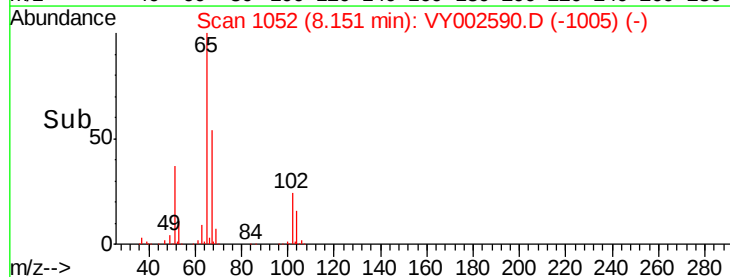
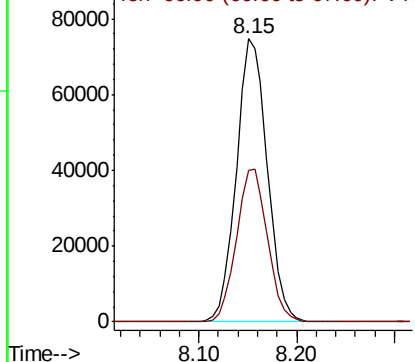


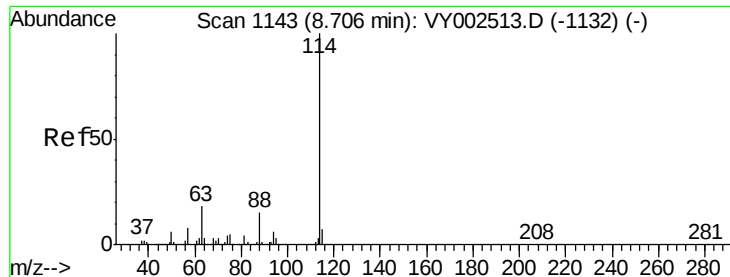
#33
1,2-Dichloroethane-d4
Concen: 55.292 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Tgt Ion: 65 Resp: 163313
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2



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

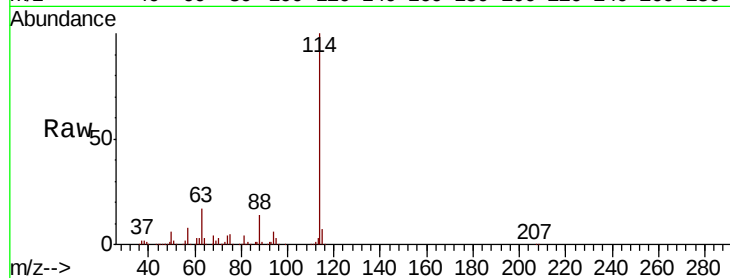




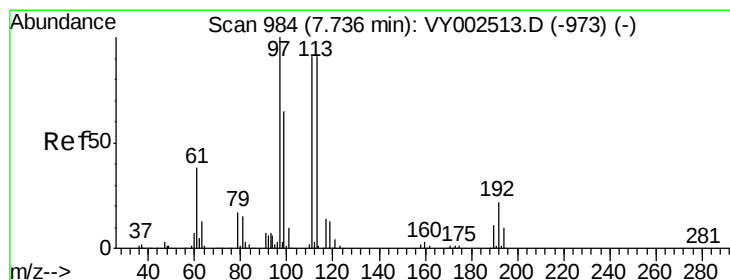
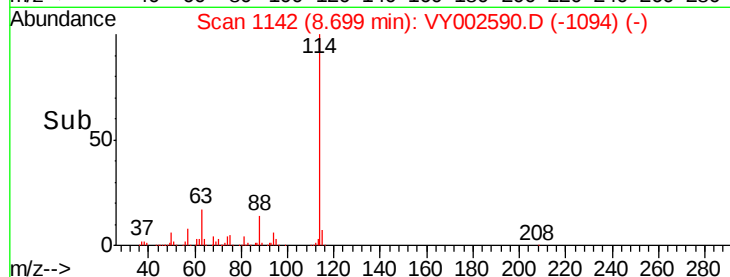
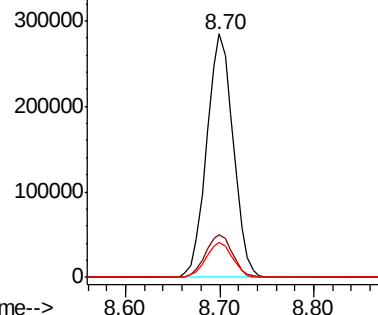
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002590.D
 Acq: 05 May 2020 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.4
88	14.5	0.0	29.6

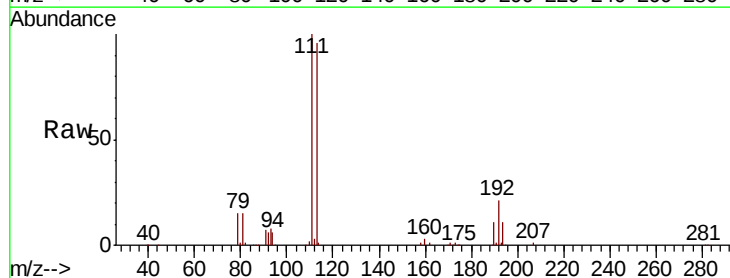


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

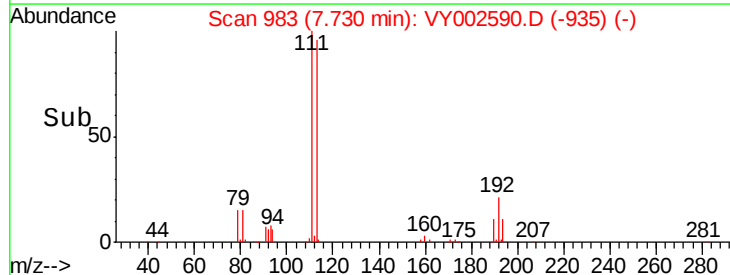
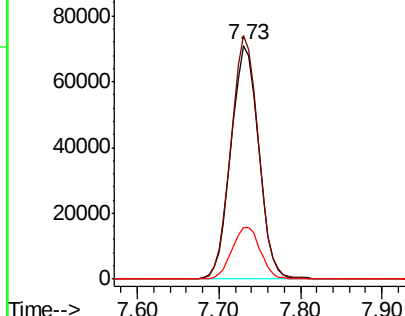


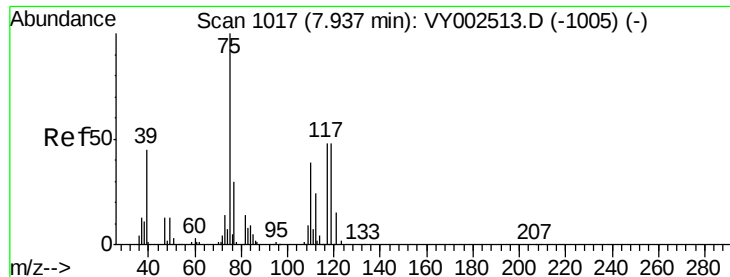
#35
 Dibromofluoromethane
 Concen: 52.334 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002590.D
 Acq: 05 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	22.7	18.2	27.4



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: 4.990 ug/l

RT: 7.80 min Scan# 995

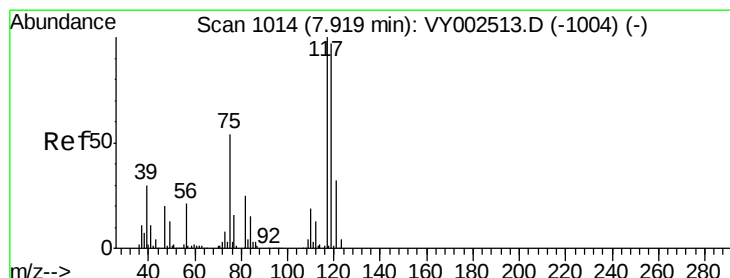
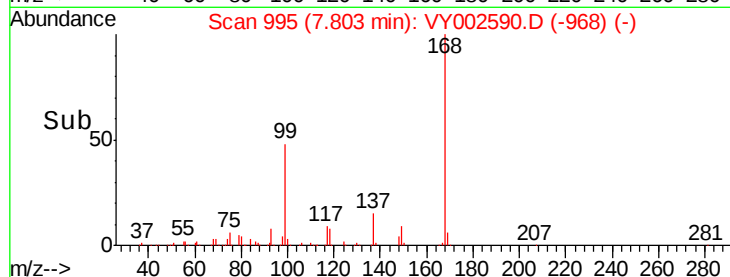
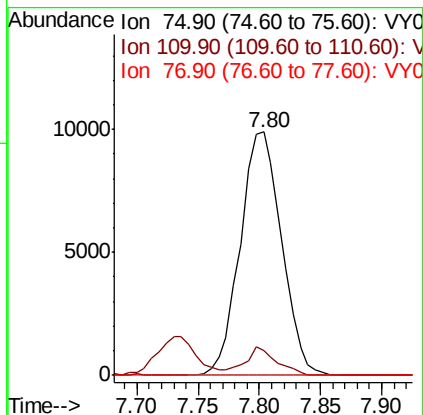
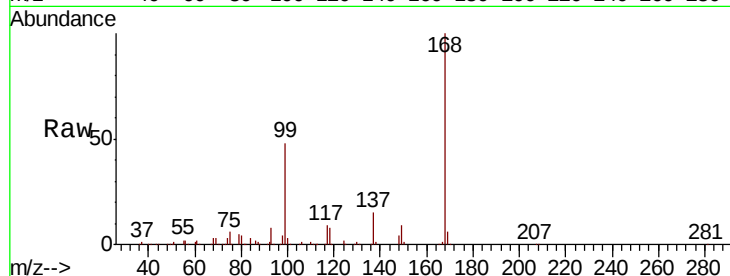
Delta R.T. -0.13 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	75	Resp:	23249
Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.3#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 6.208 ug/l

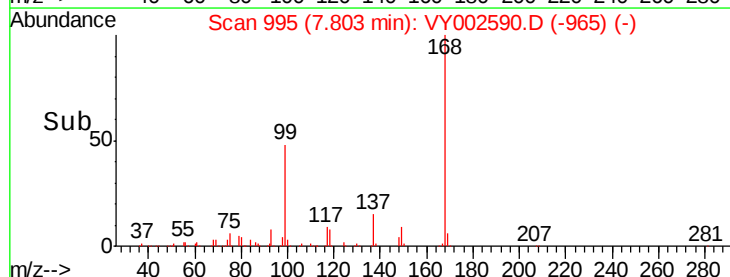
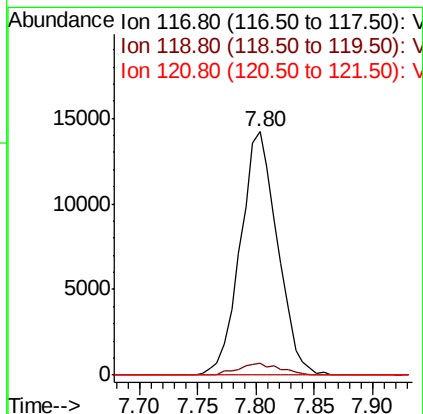
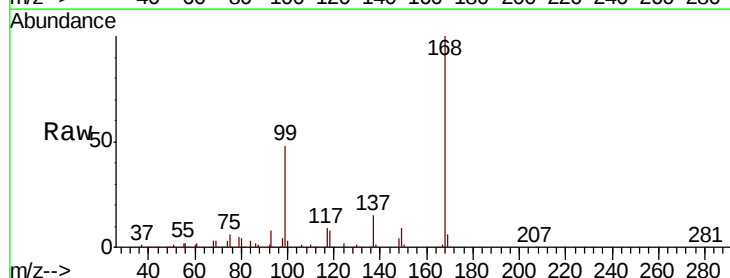
RT: 7.80 min Scan# 995

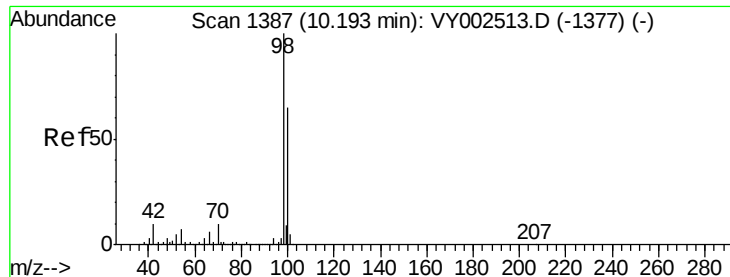
Delta R.T. -0.12 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Tgt Ion:	117	Resp:	31579
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.1	115.7#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 52.054 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

Instrument :

MSVOA_Y

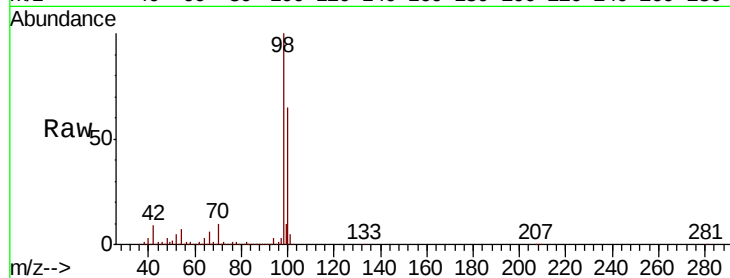
ClientSampled :

Tot Ion: 98 Resp: 646110

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

400000

300000

200000

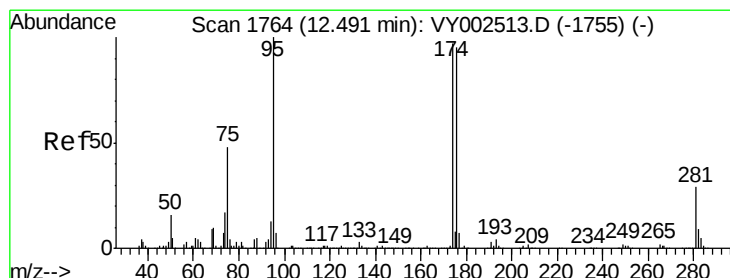
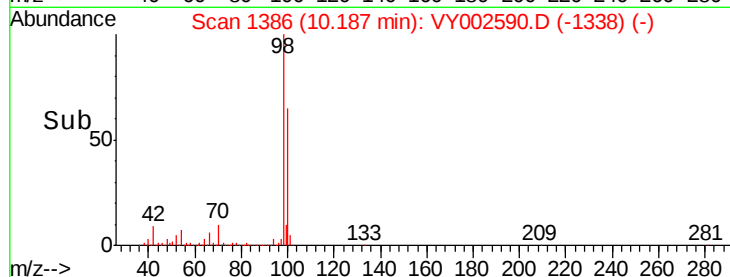
100000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 49.738 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002590.D

Acq: 05 May 2020 16:36

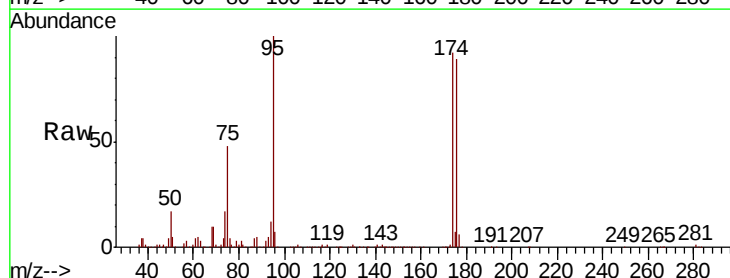
Tgt Ion: 95 Resp: 209486

Ion Ratio Lower Upper

95 100

174 93.3 0.0 188.8

176 89.9 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

150000

100000

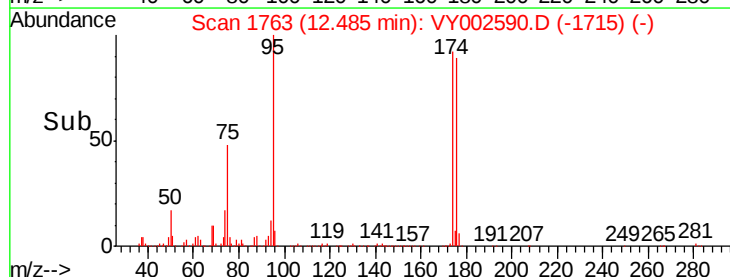
50000

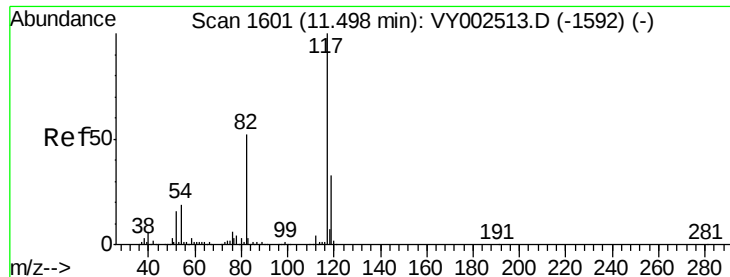
0

12.40

12.50

Time-->

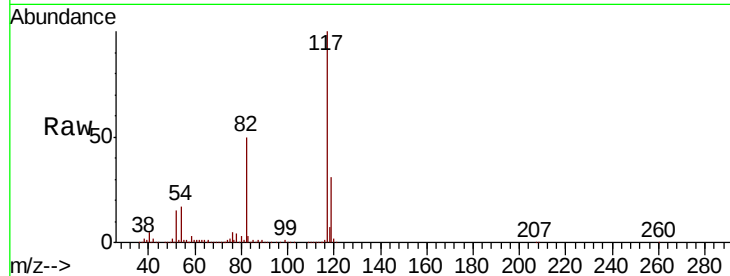




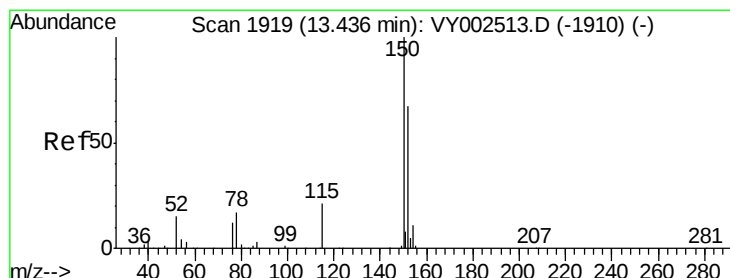
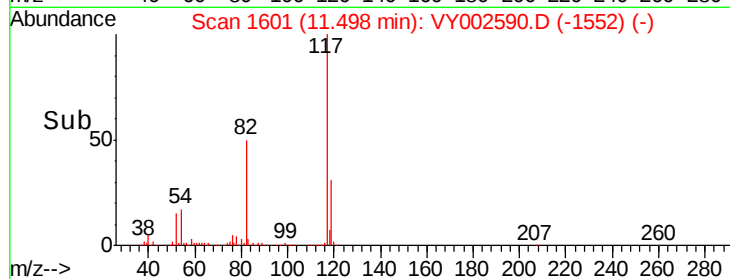
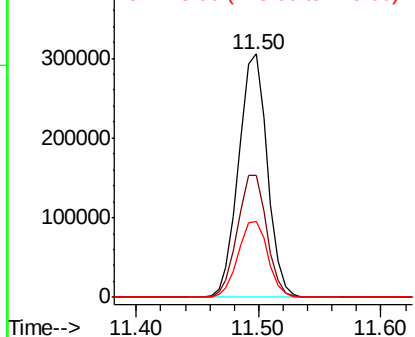
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 496288
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 31.4 26.0 39.0

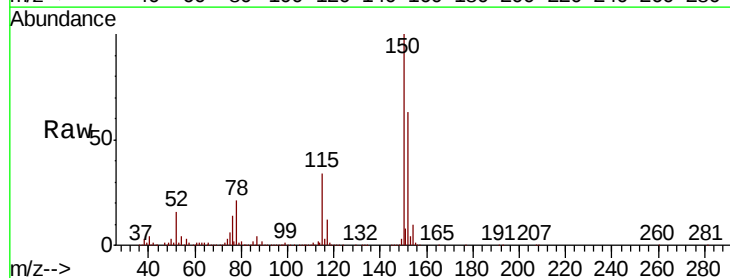


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

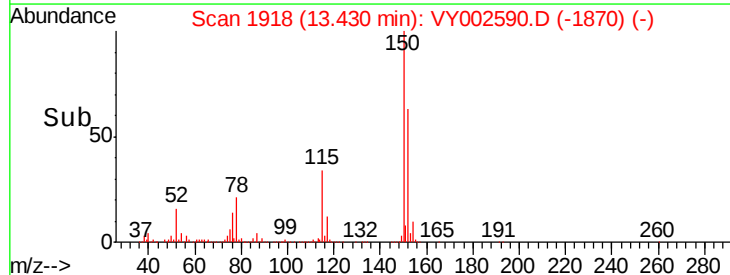
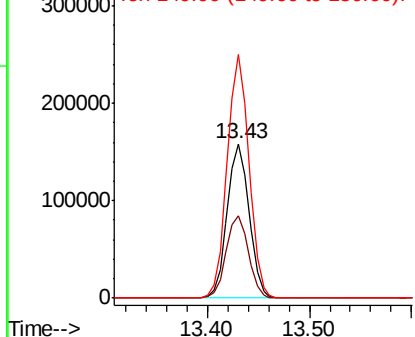


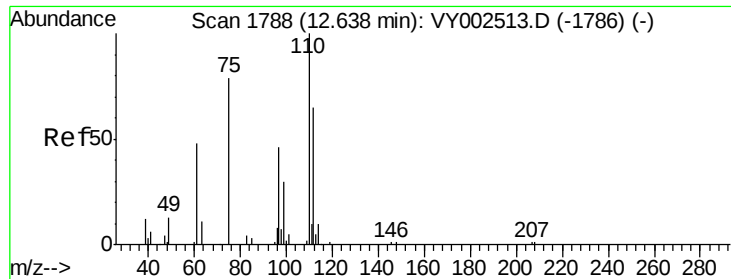
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002590.D
Acq: 05 May 2020 16:36

Tgt Ion:152 Resp: 234495
Ion Ratio Lower Upper
152 100
115 54.5 27.5 82.4
150 157.0 0.0 346.4



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

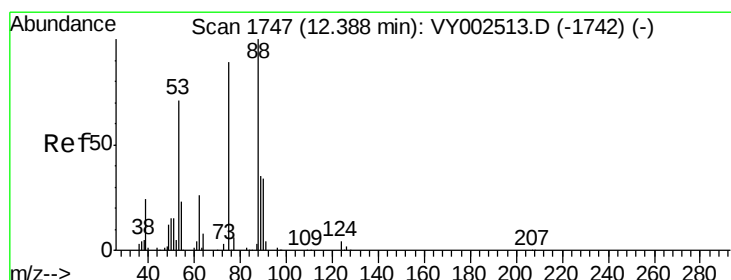
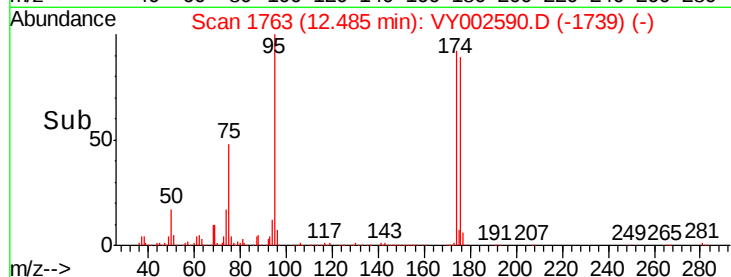
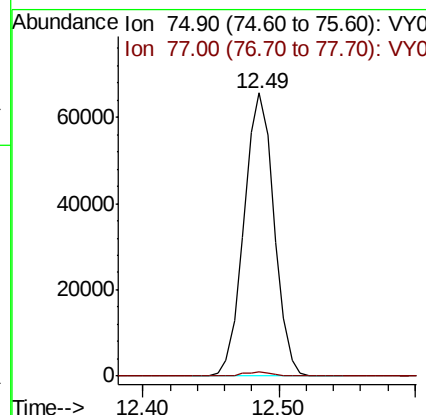
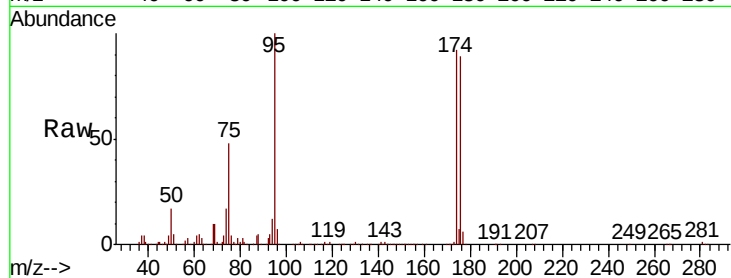




#76
 1,2,3-Trichloropropane
 Concen: 48.577 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002590.D
 Acq: 05 May 2020 16:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 75 Resp: 101228
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.406 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002590.D
 Acq: 05 May 2020 16:36

Tgt Ion: 75 Resp: 101228
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.1 37.4 56.0#

