

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001376.D
 Acq On : 24 Jan 2020 13:00
 Operator : SY/MD
 Sample : L1241-08RE
 Misc : 5.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:48:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

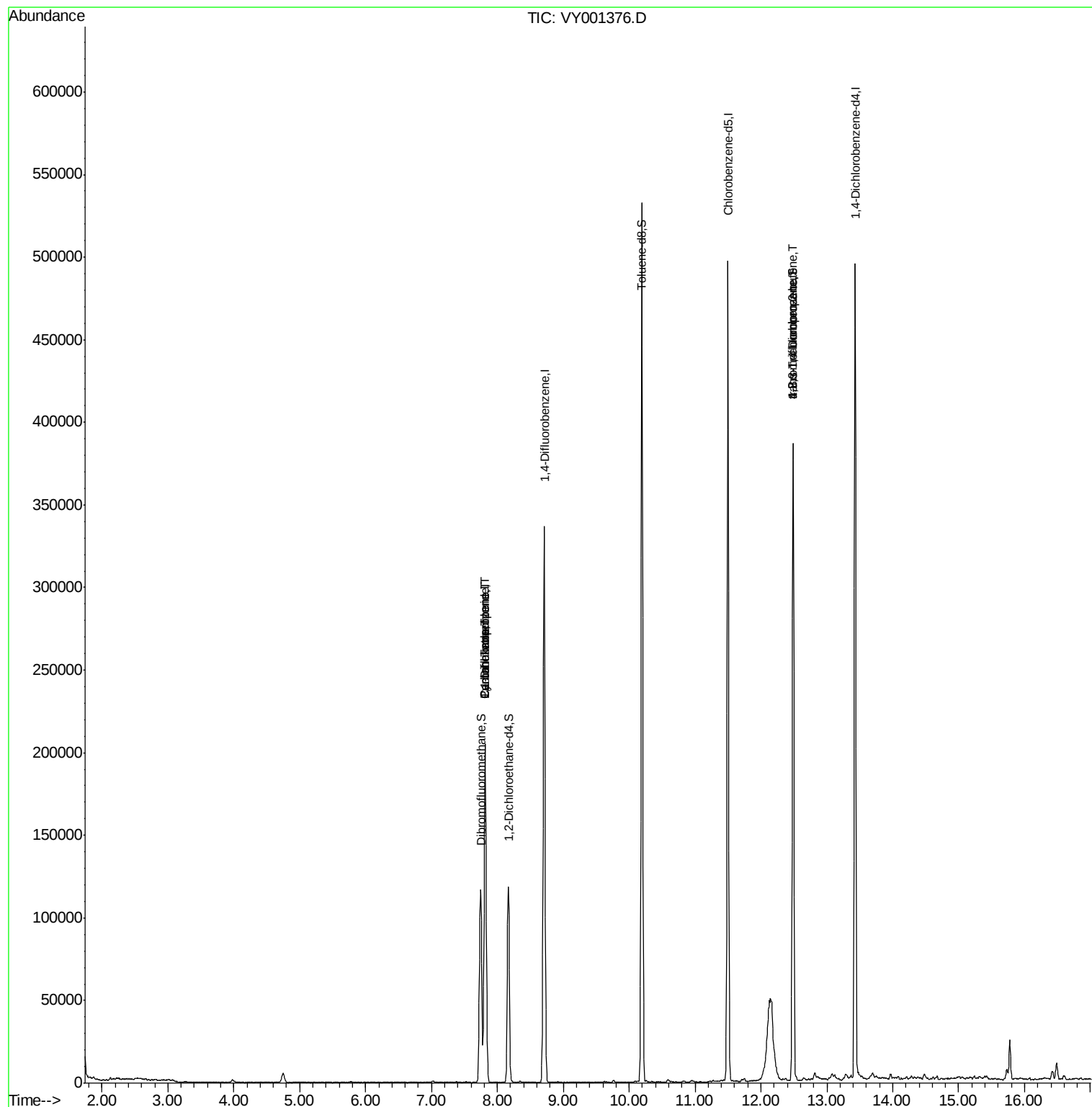
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88109	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.75	113	85055	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.19	98	344072	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	125701	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	263	Below Cal	#	74
16) Acetone	3.98	43	2911	Below Cal		99
20) Methylene Chloride	4.74	84	4225	Below Cal	#	77
31) Cyclohexane	7.82	56	3598	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12599	4.537	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15964	6.451	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	63403	43.261	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63403	81.867	ug/l #	14

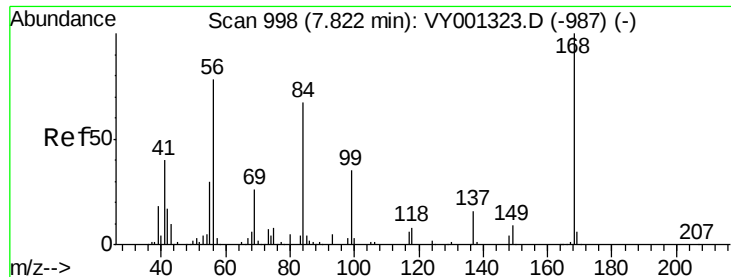
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jan 25 03:48:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

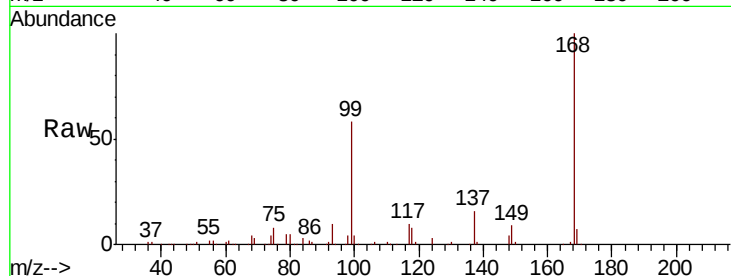
ClientSampled :

Tot Ion:168 Resp: 158154

Ion Ratio Lower Upper

168 100

99 58.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

60000

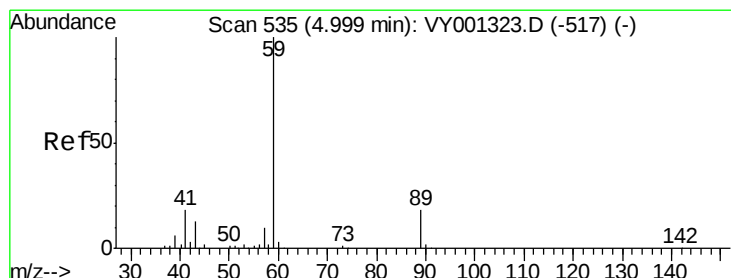
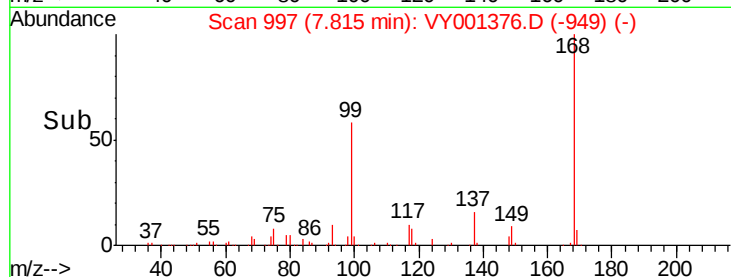
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: VY001376.D

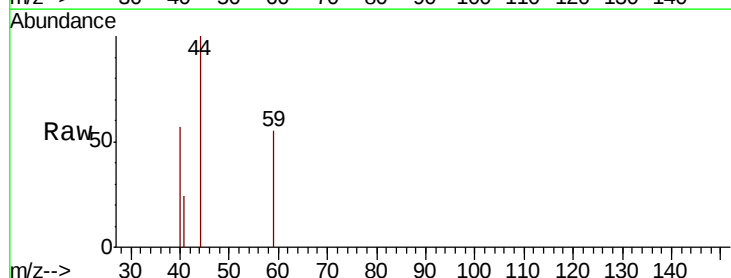
Acq: 24 Jan 2020 13:00

Tgt Ion: 59 Resp: 263

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)

5.00

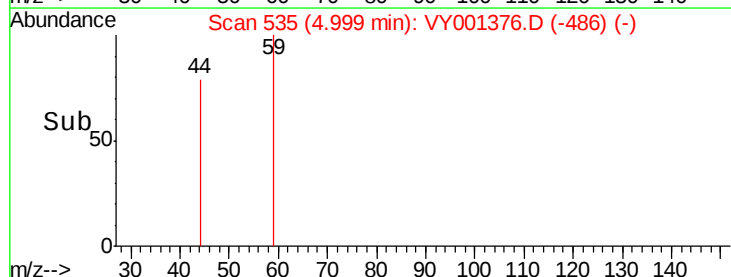
100

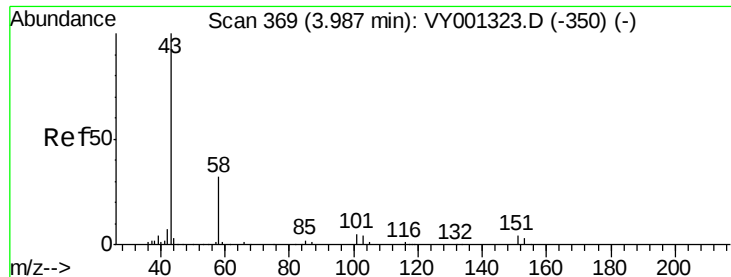
50

0

4.95 5.00 5.05

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

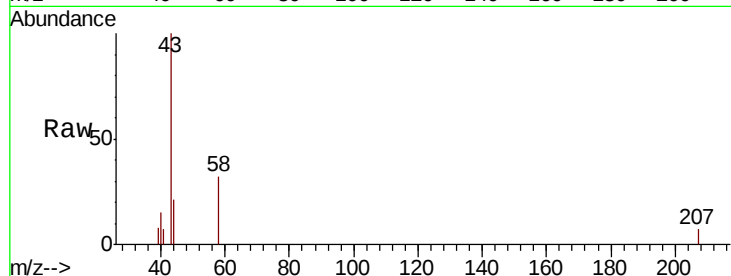
ClientSampleId :

Tot Ion: 43 Resp: 2911

Ion Ratio Lower Upper

43 100

58 32.2 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.98

1200

1000

800

600

400

200

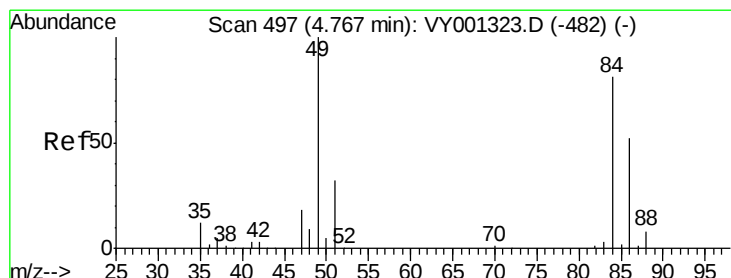
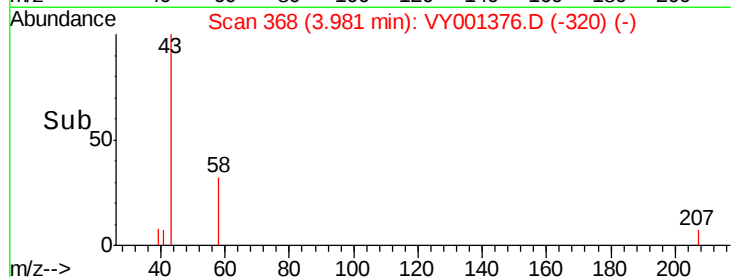
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Time-->

3.90

4.00

4.10



#20

Methylene Chloride

Concen: Below Cal

RT: 4.74 min Scan# 493

Delta R.T. -0.02 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Tgt Ion: 84 Resp: 4225

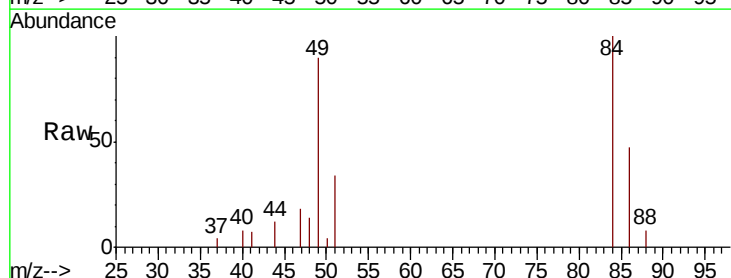
Ion Ratio Lower Upper

84 100

49 90.2 98.3 147.5#

51 33.7 31.6 47.4

86 47.4 51.1 76.7#



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

2500

2000

1500

1000

500

0

Time-->

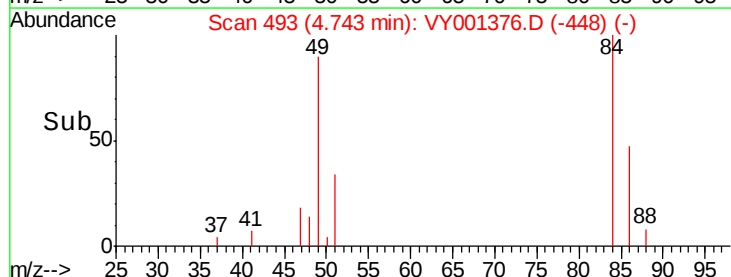
4.65

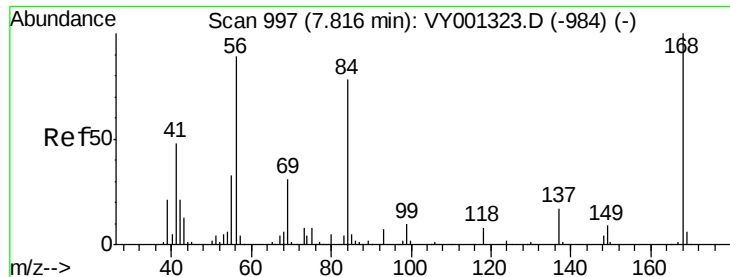
4.70

4.75

4.80

4.85

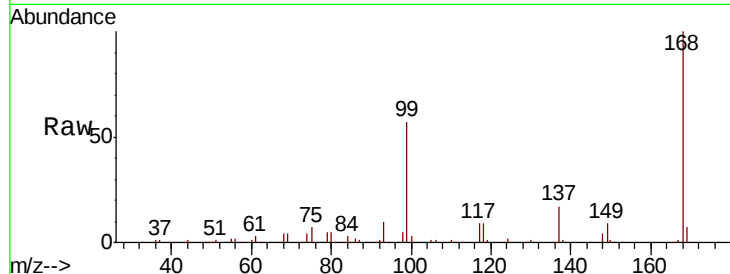




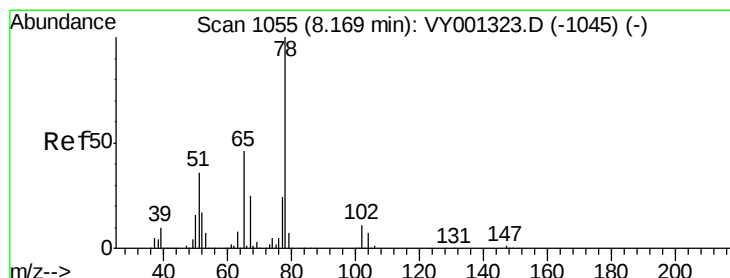
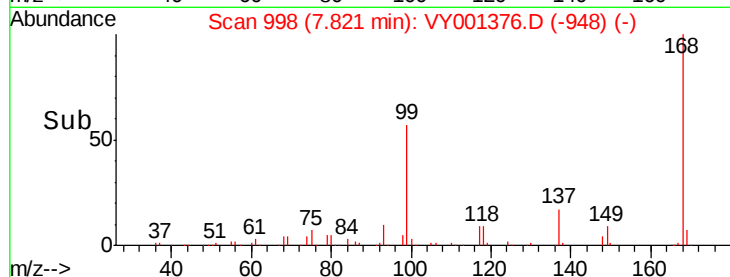
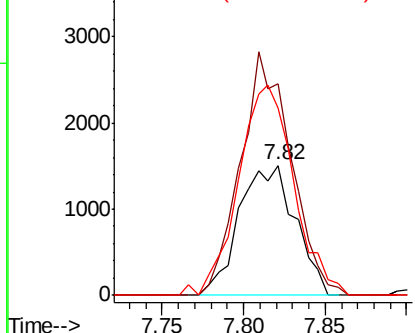
#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3598
Ion Ratio Lower Upper
56 100
69 162.7 27.6 41.4#
84 136.3 69.7 104.5#

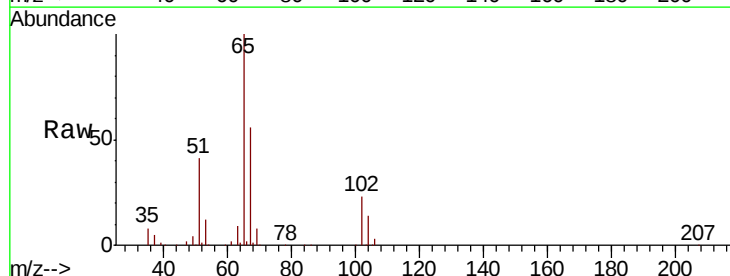


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

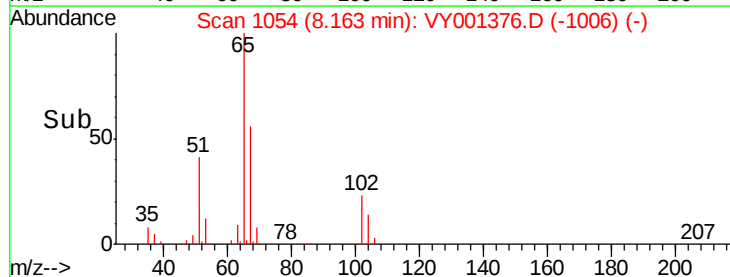
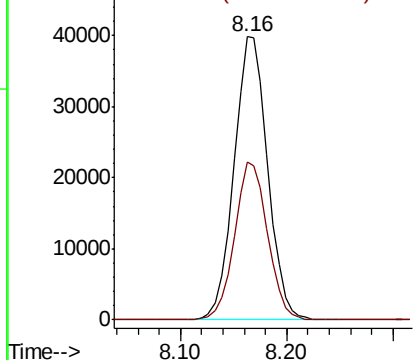


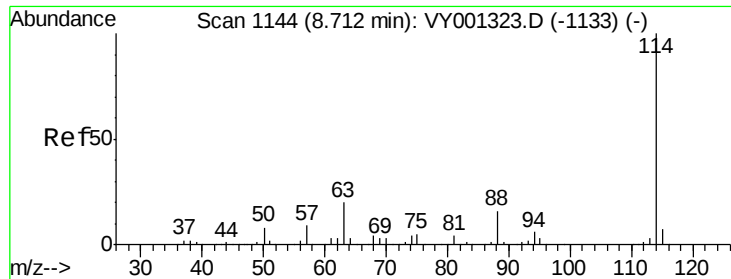
#33
1,2-Dichloroethane-d4
Concen: 51.198 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Tgt Ion: 65 Resp: 88109
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.6



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

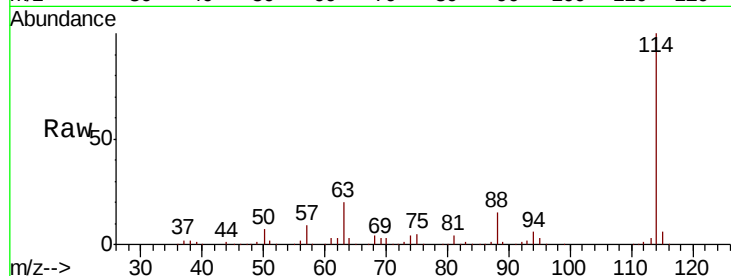




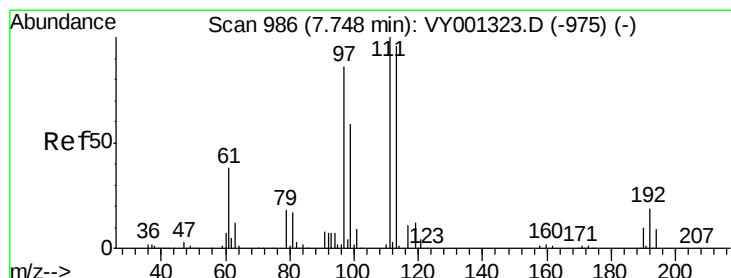
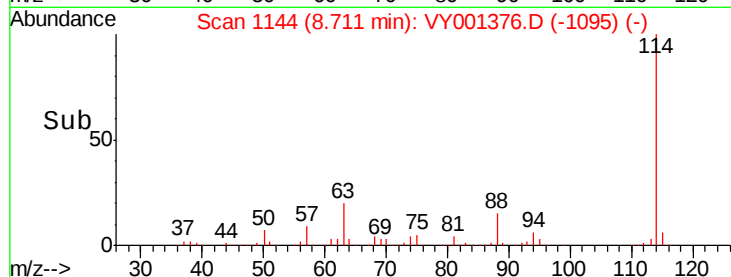
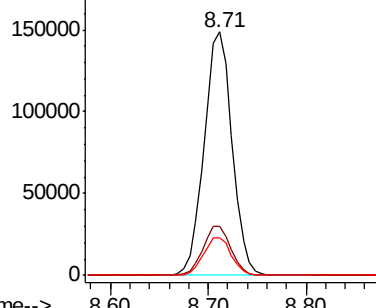
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001376.D
 Acq: 24 Jan 2020 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 293903
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.5 0.0 31.0

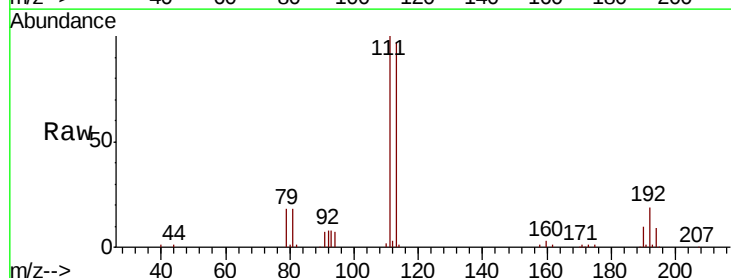


Abundance Ion 113.90 (113.60 to 114.60): V
 200000 Ion 63.00 (62.70 to 63.70): VY0
 150000 Ion 87.90 (87.60 to 88.60): VY0

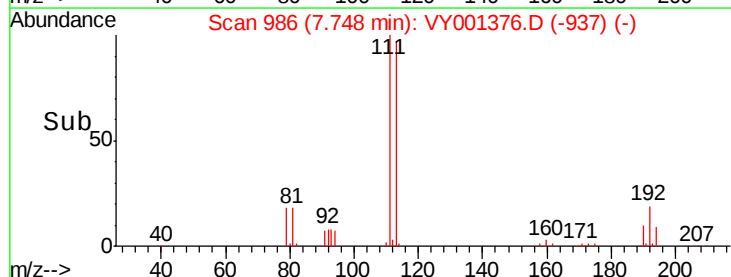
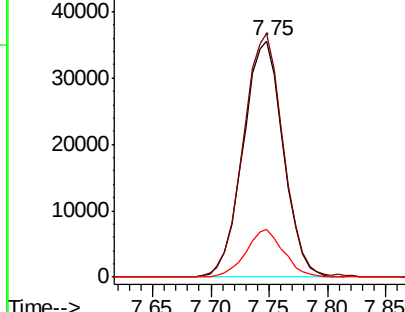


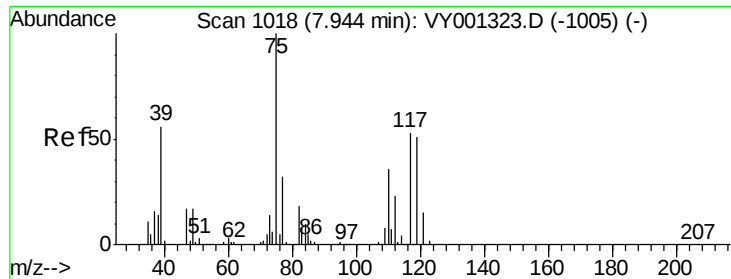
#35
 Dibromofluoromethane
 Concen: 49.309 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001376.D
 Acq: 24 Jan 2020 13:00

Tgt Ion:113 Resp: 85055
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 18.9 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
 50000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V

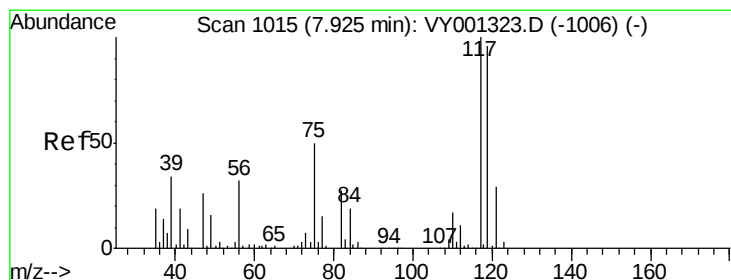
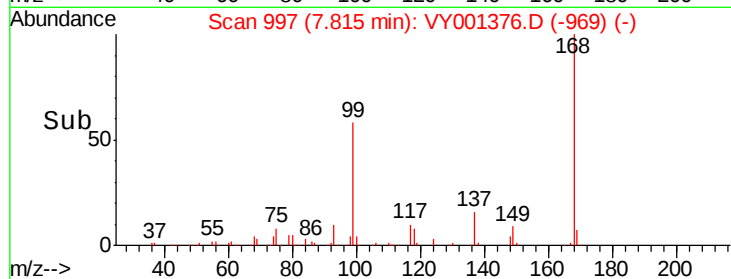
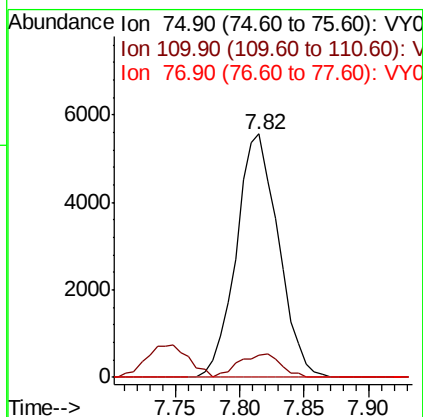
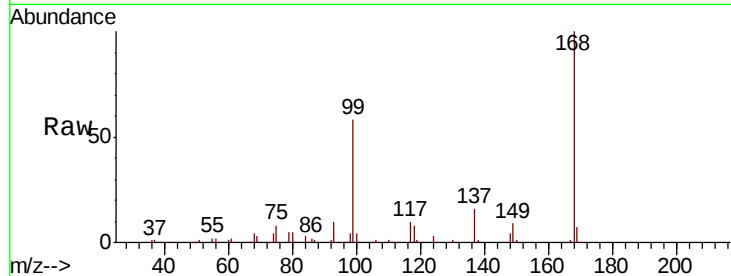




#36
 1,1-Dichloropropene
 Concen: 4.537 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001376.D
 Acq: 24 Jan 2020 13:00

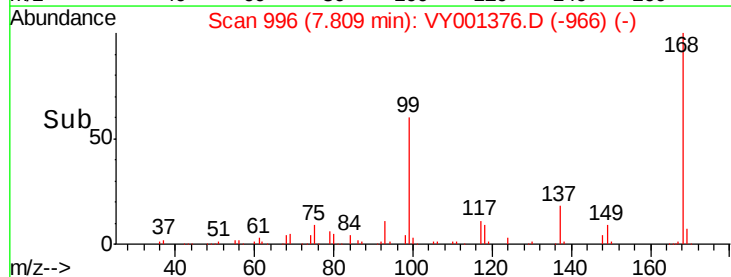
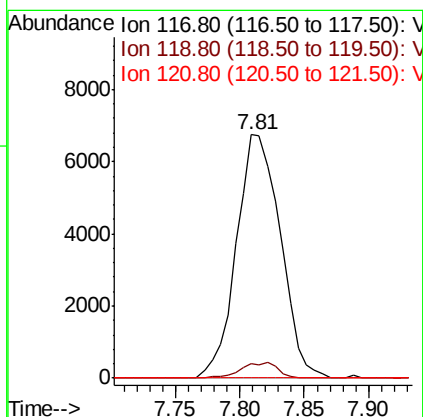
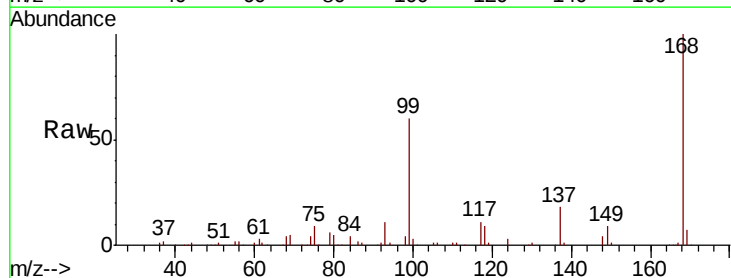
Instrument :
 MSVOA_Y
 ClientSampleId :

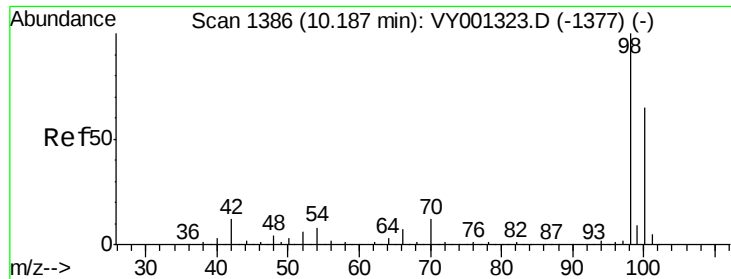
Tot Ion	75	Resp	12599
Ion Ratio	Lower	Upper	
75	100		
110	9.5	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.451 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001376.D
 Acq: 24 Jan 2020 13:00

Tgt Ion	117	Resp	15964
Ion Ratio	Lower	Upper	
117	100		
119	5.9	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.340 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

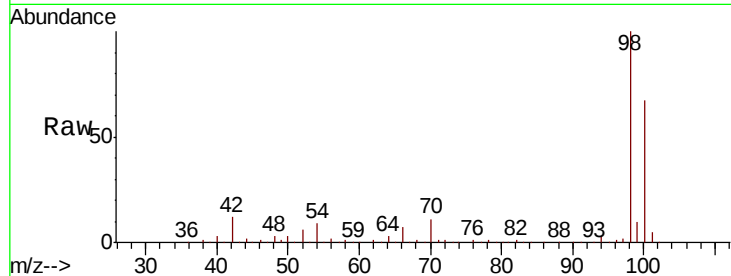
ClientSampled :

Tot Ion: 98 Resp: 344072

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

200000

150000

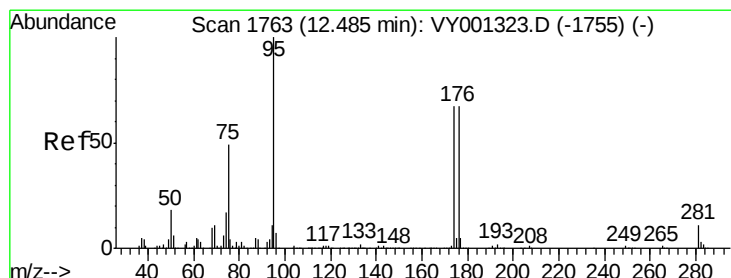
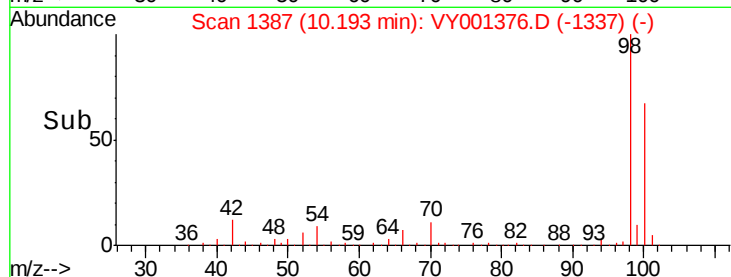
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 47.099 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

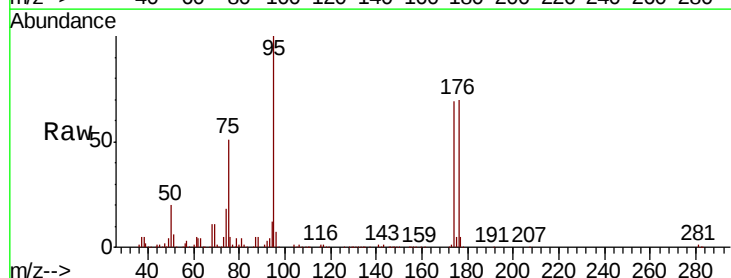
Tgt Ion: 95 Resp: 125701

Ion Ratio Lower Upper

95 100

174 75.6 0.0 142.0

176 73.5 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

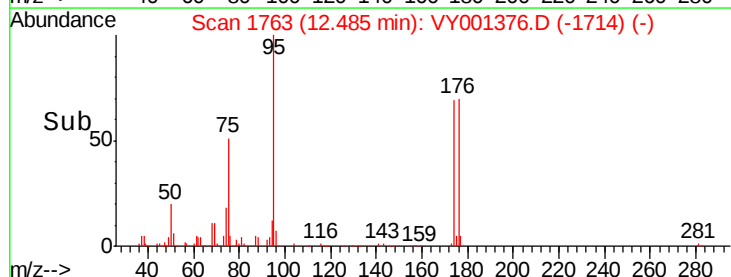
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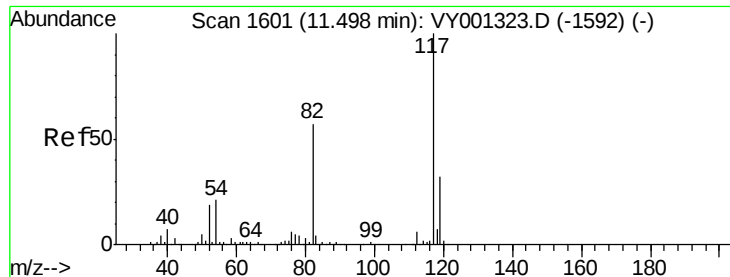
20000

0

12.40 12.50 12.60

Time-->

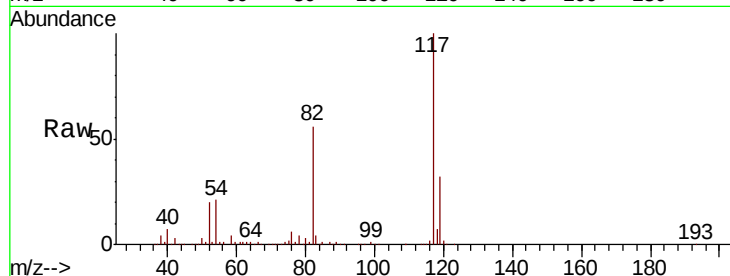




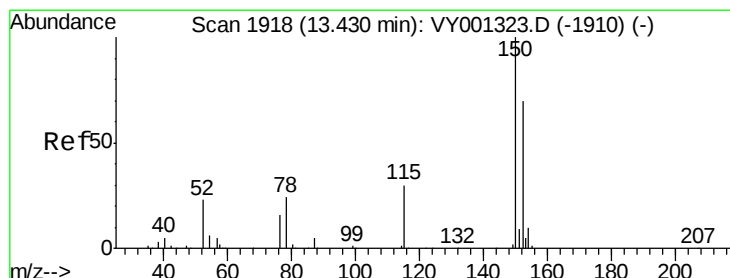
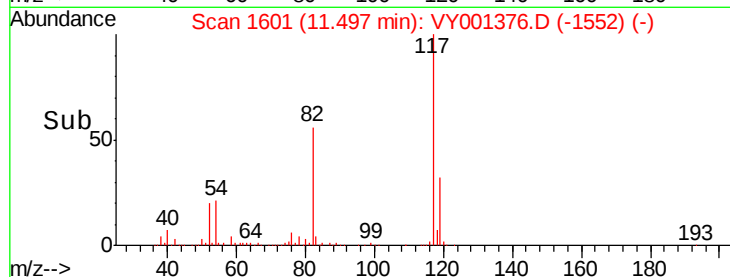
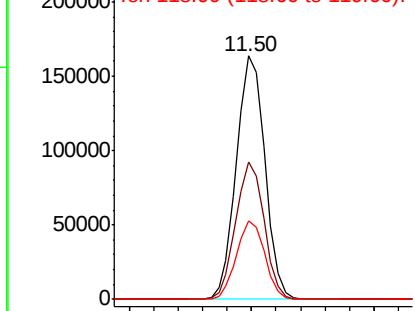
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.5	68.3
119	32.3	25.8	38.6

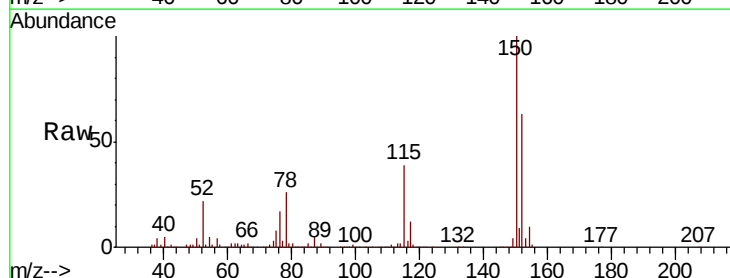


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

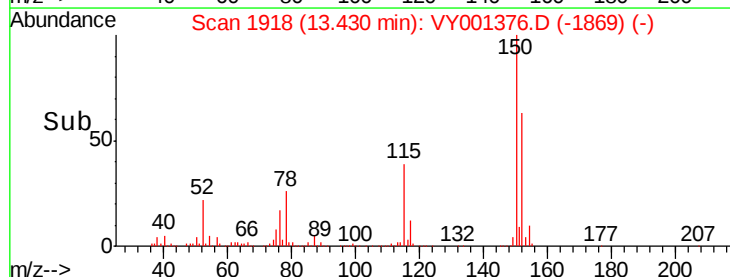
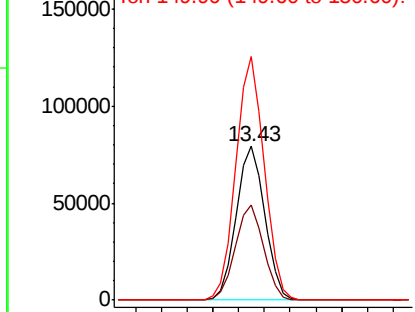


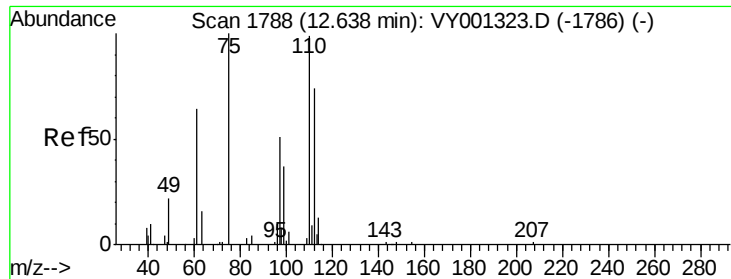
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001376.D
Acq: 24 Jan 2020 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.9	92.8
150	157.5	0.0	349.2



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: 43.261 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

Instrument :

MSVOA_Y

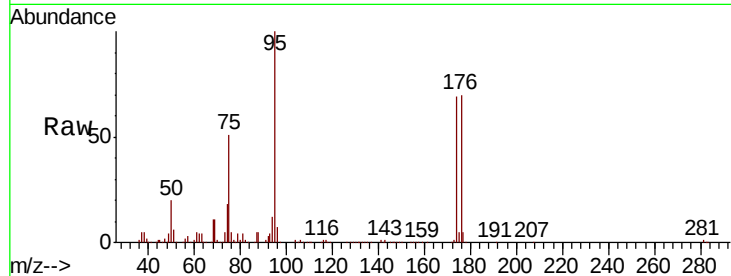
ClientSampleId :

Tot Ion: 75 Resp: 63403

Ion Ratio Lower Upper

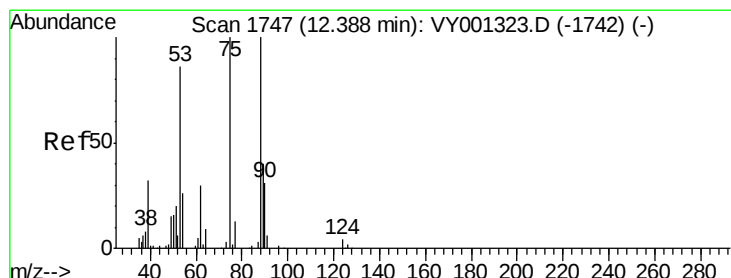
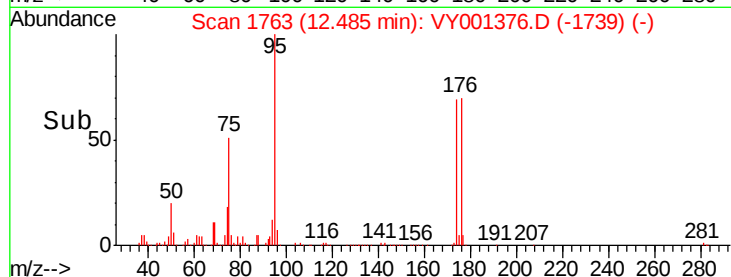
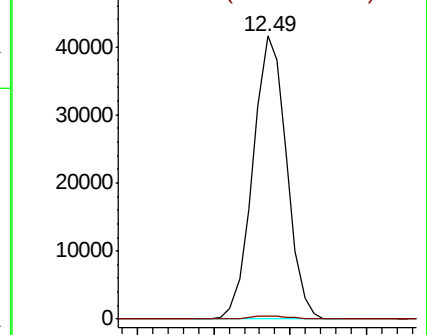
75 100

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: 81.867 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001376.D

Acq: 24 Jan 2020 13:00

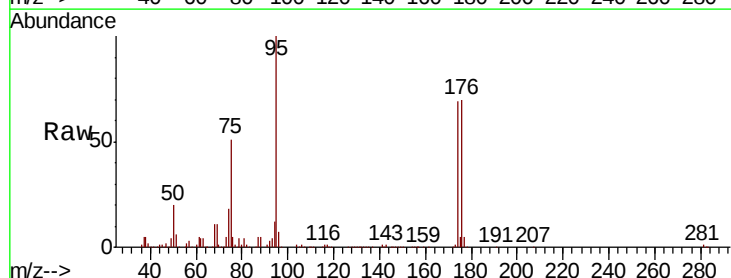
Tgt Ion: 75 Resp: 63403

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 36.6 54.8#



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

