

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002381.D
 Acq On : 16 Apr 2020 20:28
 Operator : SY/MD
 Sample : L2308-01
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:08:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

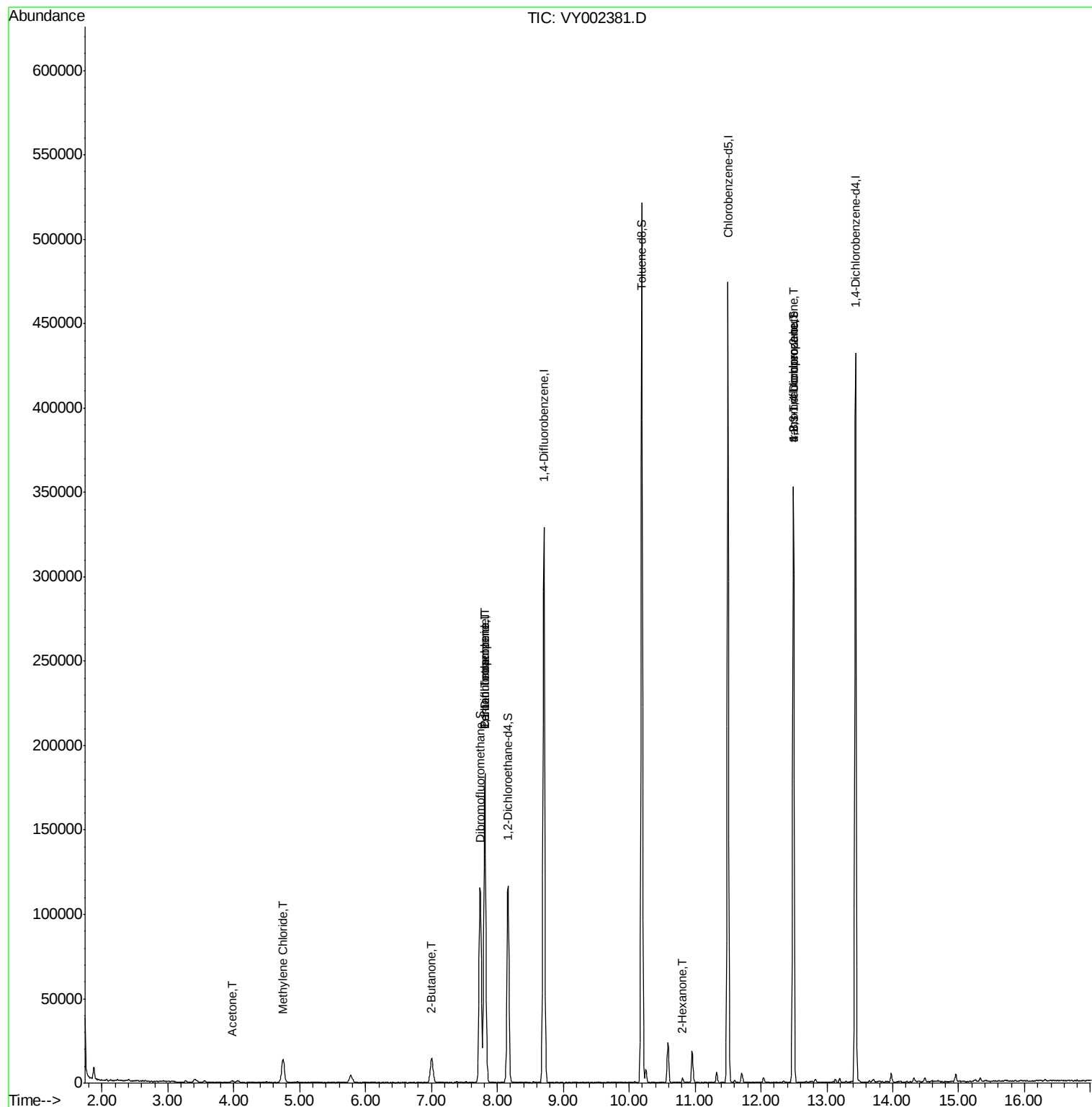
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	140643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	108177	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83970	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.74	113	87041	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.19	98	350663	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.49	95	114391	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
Target Compounds				Qvalue		
11) Tert butyl alcohol	4.97	59	646	Below Cal	#	77
16) Acetone	3.99	43	1965	4.770	ug/l #	78
20) Methylene Chloride	4.75	84	10766	5.317	ug/l	93
25) 2-Butanone	7.00	43	927	1.422	ug/l #	46
36) 1,1-Dichloropropene	7.81	75	11777	4.138	ug/l #	49
38) Carbon Tetrachloride	7.81	117	13878	5.700	ug/l #	16
59) 2-Hexanone	10.81	43	1995	1.860	ug/l #	21
76) 1,2,3-Trichloropropane	12.49	75	55136	43.892	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55136	85.369	ug/l #	19

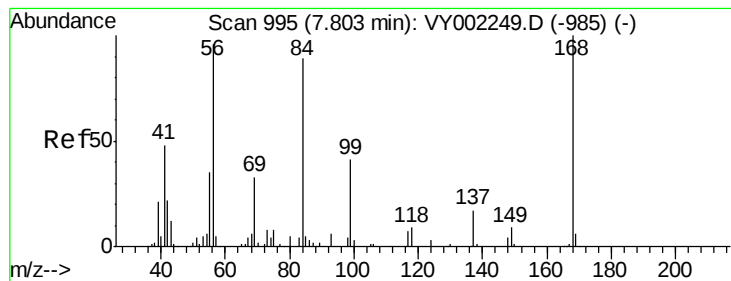
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

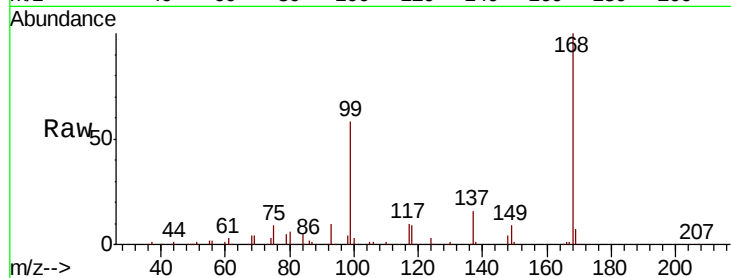
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 140643

Ion Ratio Lower Upper

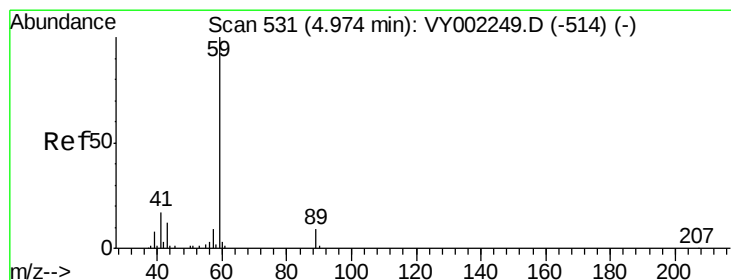
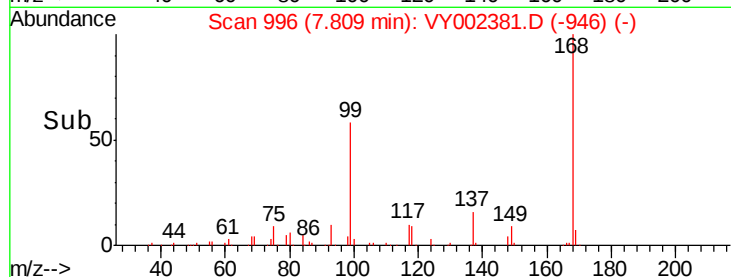
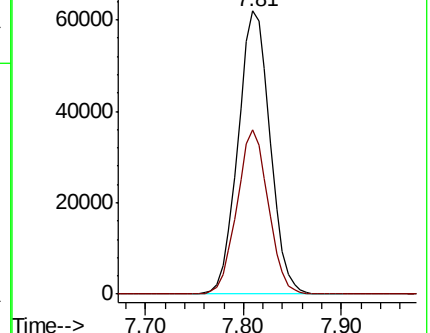
168 100

99 58.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY002381.D

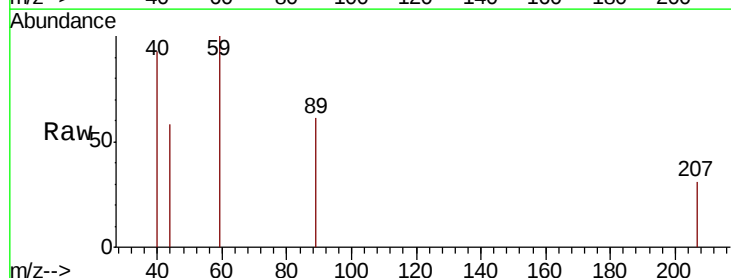
Acq: 16 Apr 2020 20:28

Tgt Ion: 59 Resp: 646

Ion Ratio Lower Upper

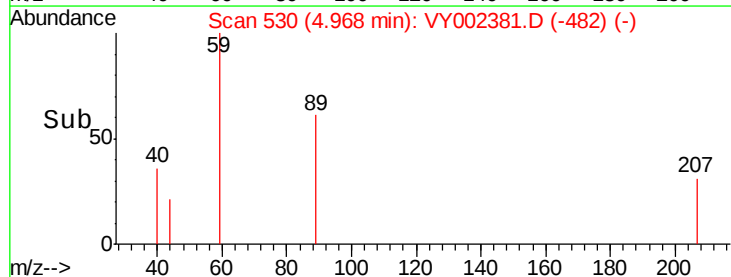
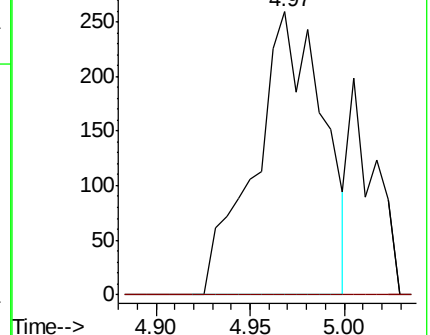
59 100

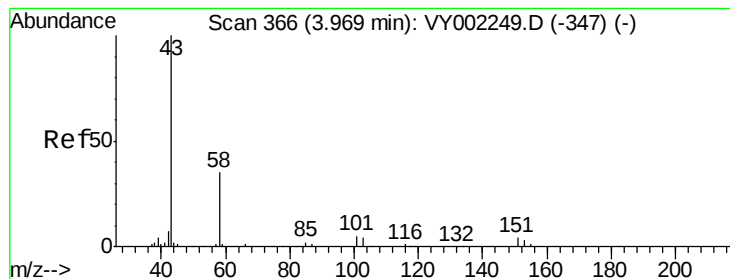
57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)





#16

Acetone

Concen: 4.770 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_Y

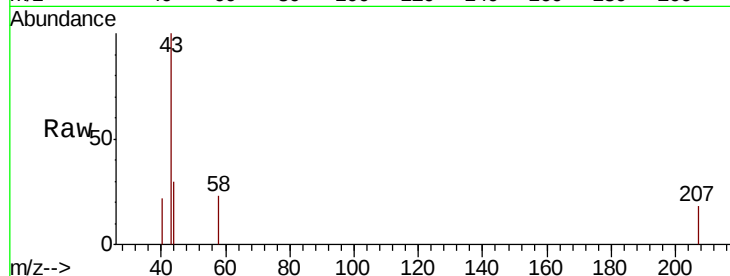
ClientSampleId :

Tot Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

58 22.6 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.99

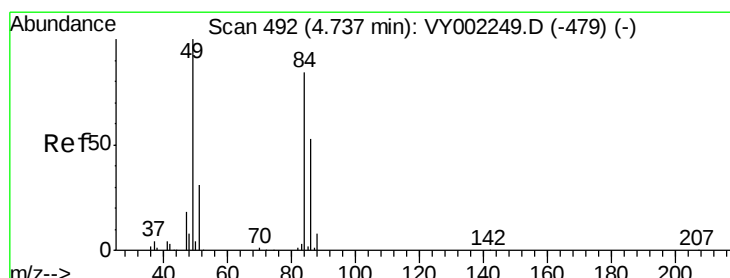
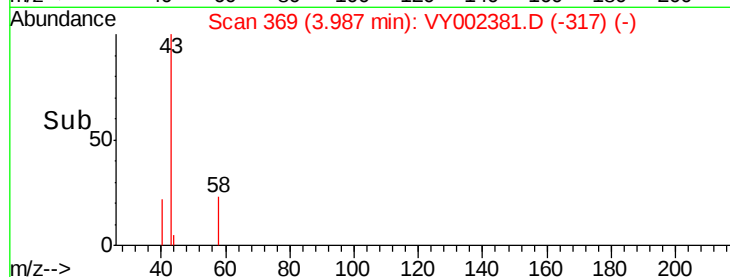
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: 5.317 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

Tgt Ion: 84 Resp: 10766

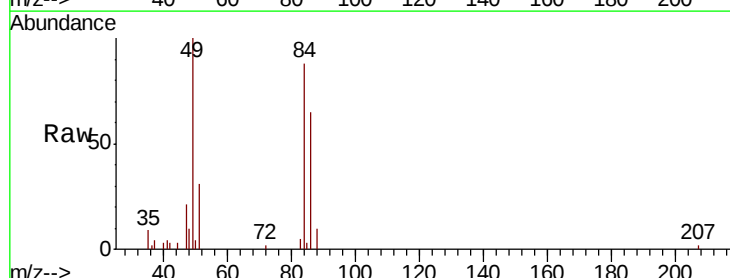
Ion Ratio Lower Upper

84 100

49 114.1 95.5 143.3

51 35.7 29.5 44.3

86 74.5 50.7 76.1



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

6000

5000

4000

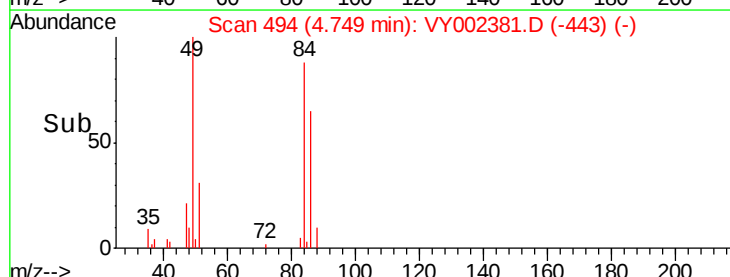
3000

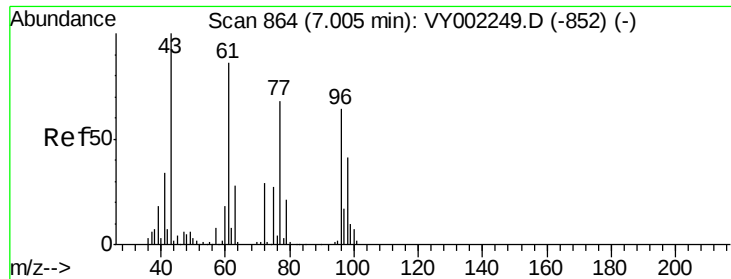
2000

1000

0

Time-->





#25

2-Butanone

Concen: 1.422 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

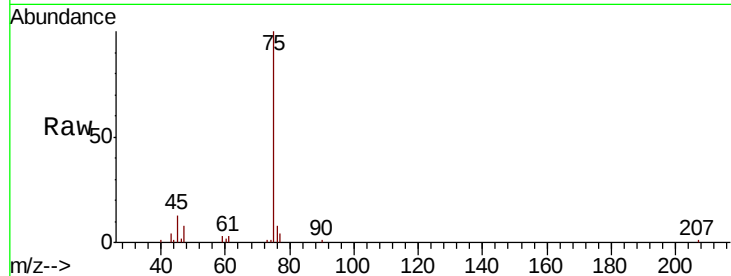
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 927

Ion Ratio Lower Upper

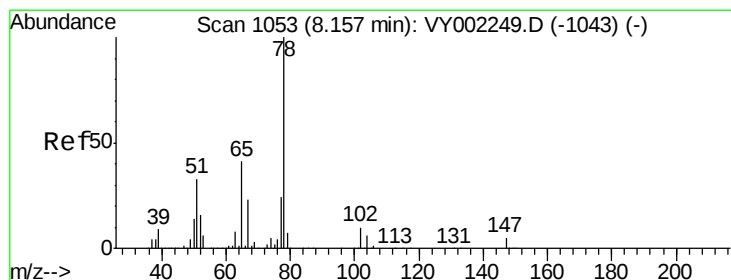
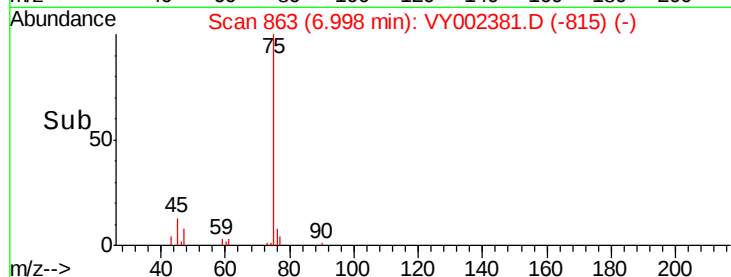
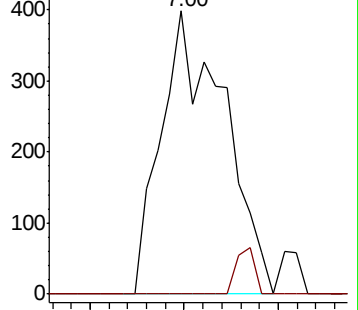
43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.687 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002381.D

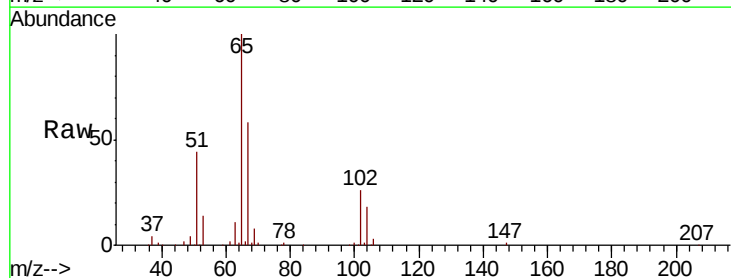
Acq: 16 Apr 2020 20:28

Tgt Ion: 65 Resp: 83970

Ion Ratio Lower Upper

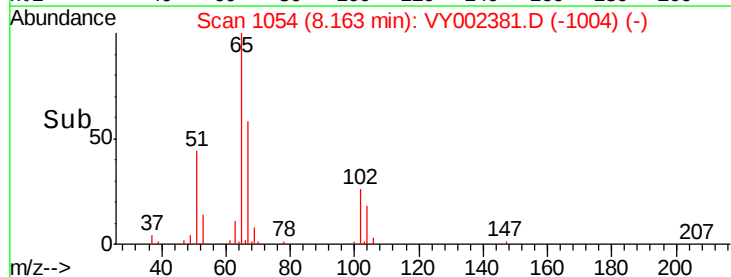
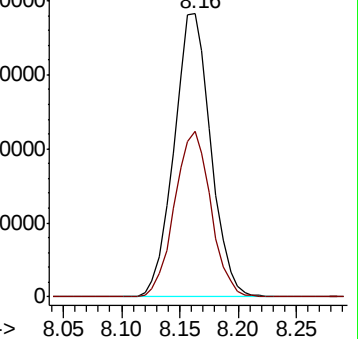
65 100

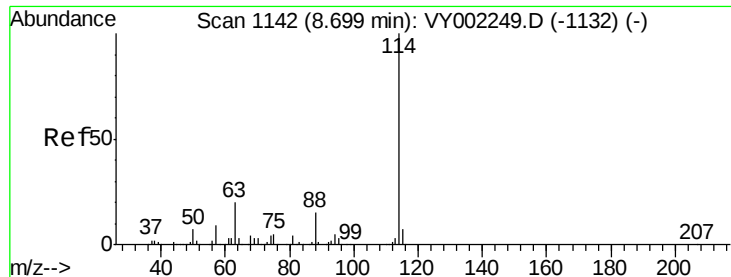
67 57.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

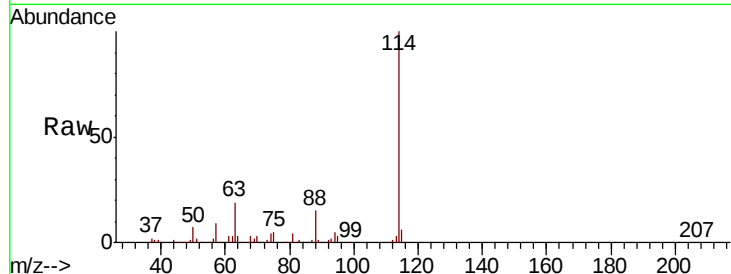




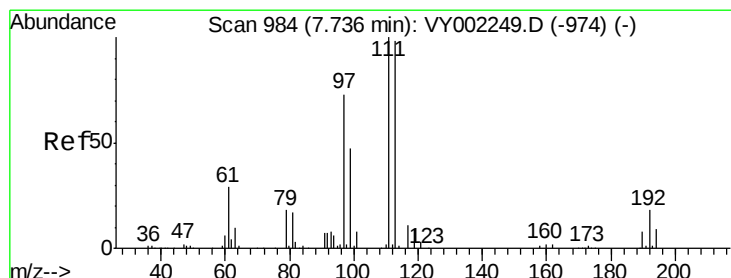
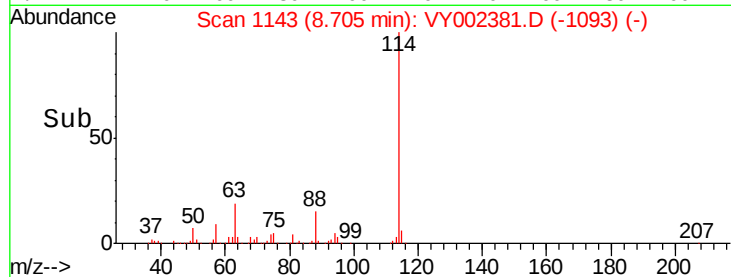
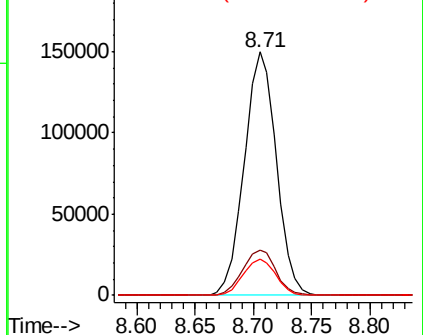
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002381.D
 Acq: 16 Apr 2020 20:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.0
88	15.1	0.0	31.0

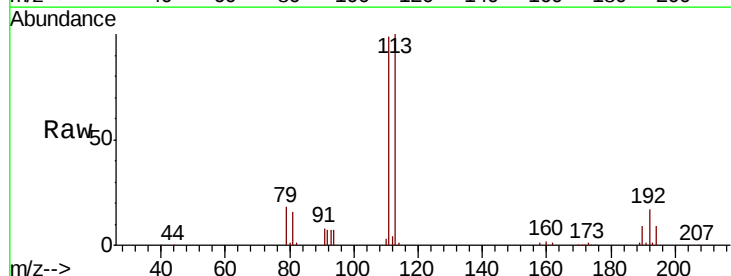


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

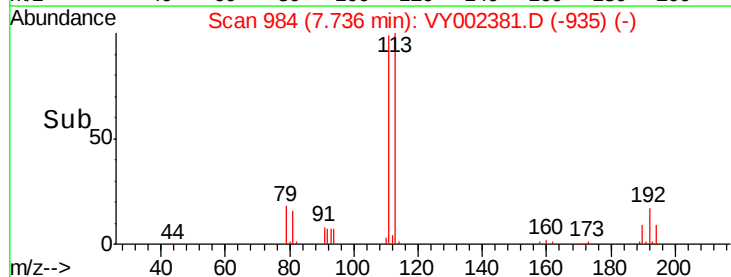
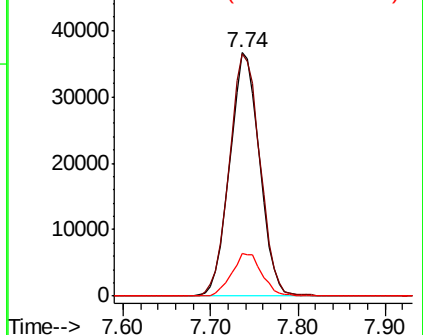


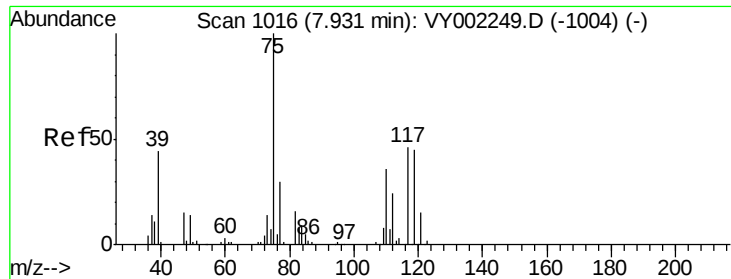
#35
 Dibromofluoromethane
 Concen: 50.620 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002381.D
 Acq: 16 Apr 2020 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.5	125.3
192	17.7	14.7	22.1



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

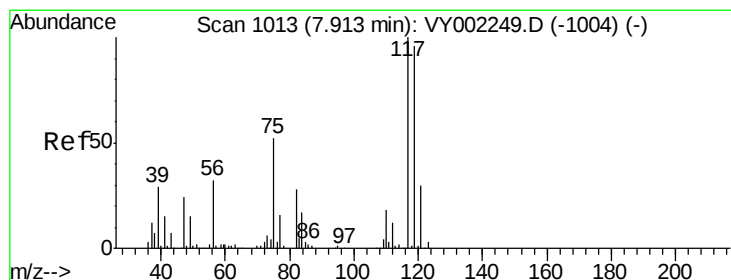
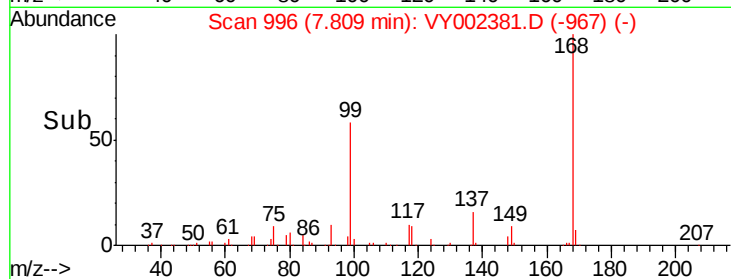
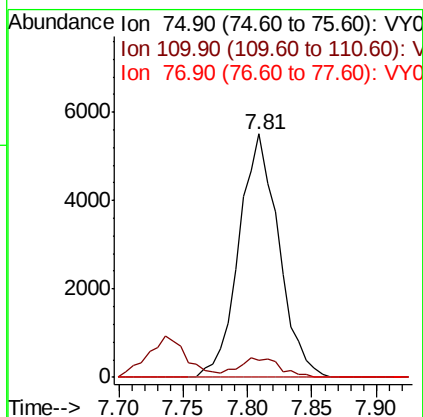
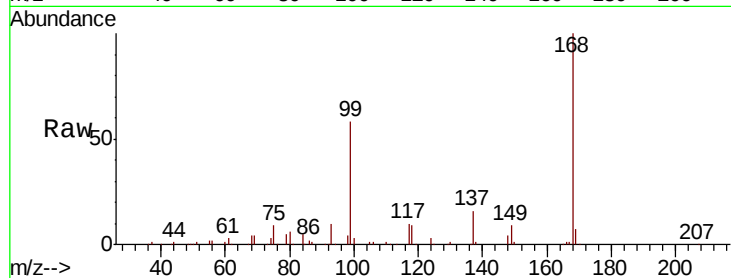




#36
 1,1-Dichloropropene
 Concen: 4.138 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002381.D
 Acq: 16 Apr 2020 20:28

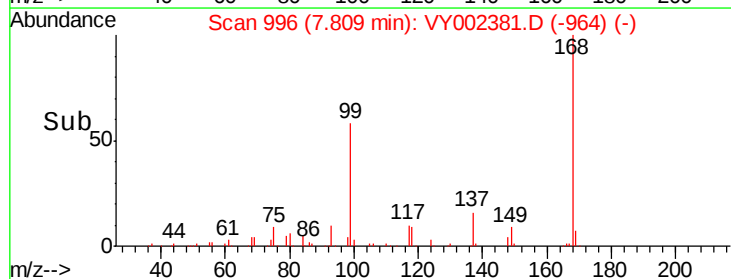
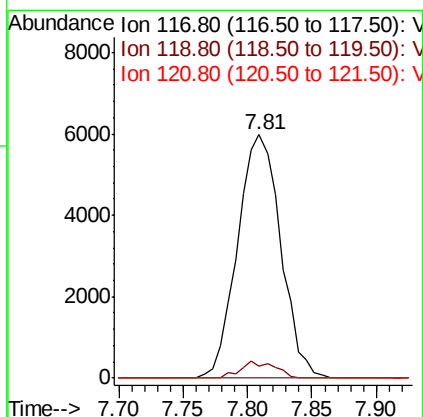
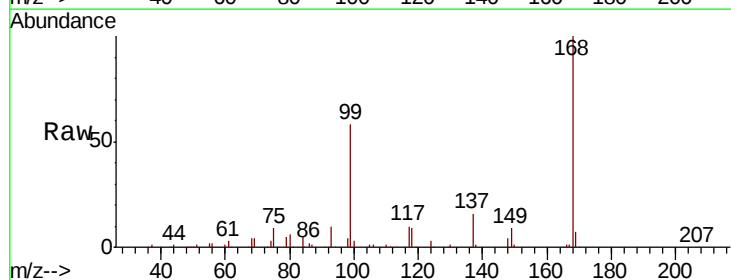
Instrument :
 MSVOA_Y
 ClientSampleId :

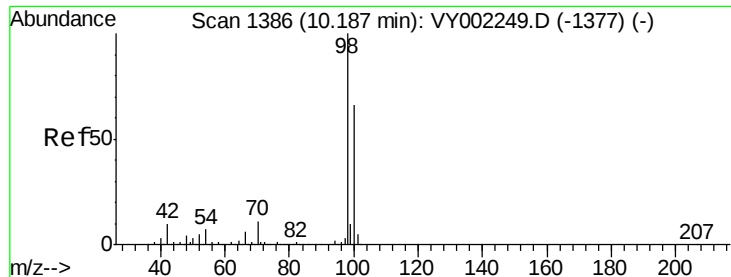
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.700 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.10 min
 Lab File: VY002381.D
 Acq: 16 Apr 2020 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.723 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_Y

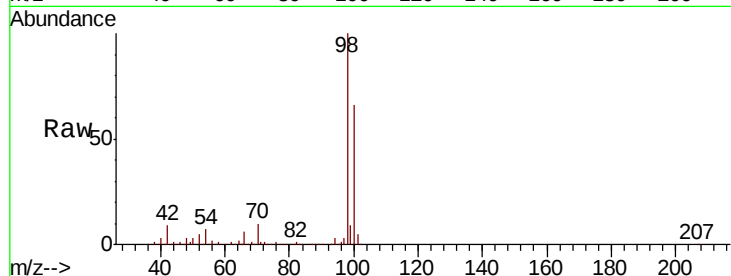
ClientSampleId :

Tot Ion: 98 Resp: 350663

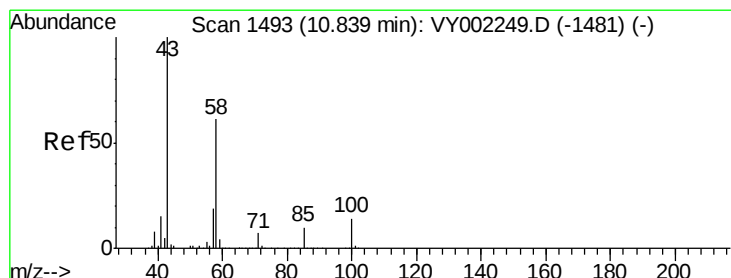
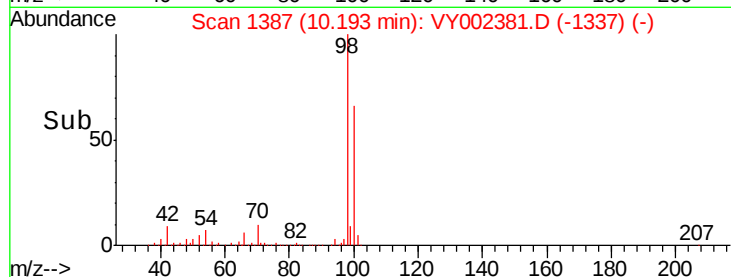
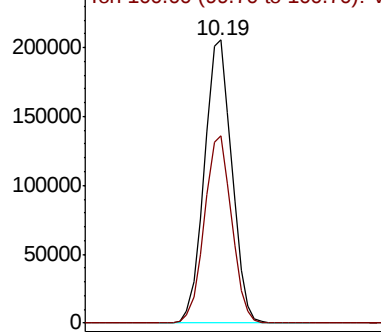
Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)



#59

2-Hexanone

Concen: 1.860 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.03 min

Lab File: VY002381.D

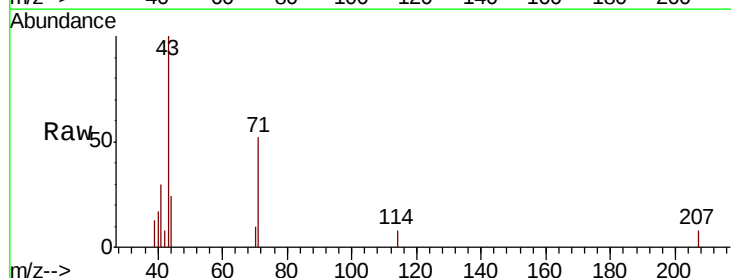
Acq: 16 Apr 2020 20:28

Tgt Ion: 43 Resp: 1995

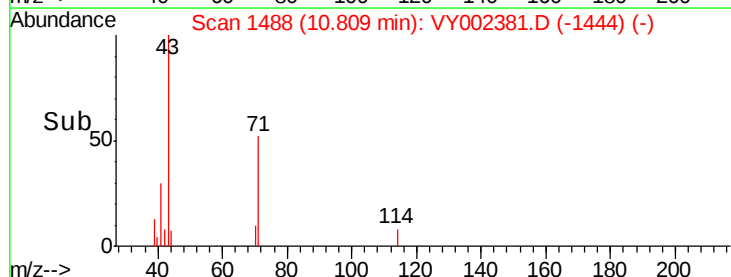
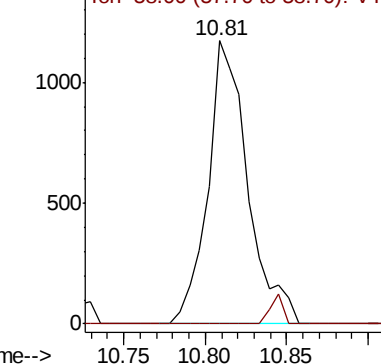
Ion Ratio Lower Upper

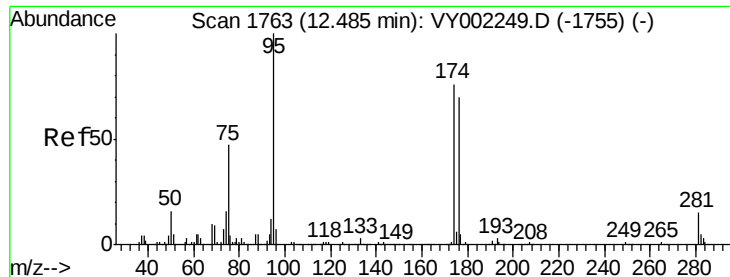
43 100

58 0.0 29.8 89.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1481) (-)

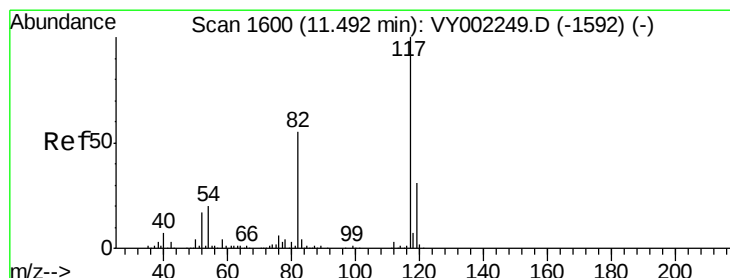
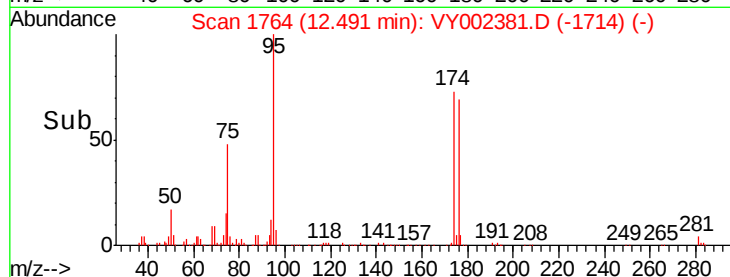
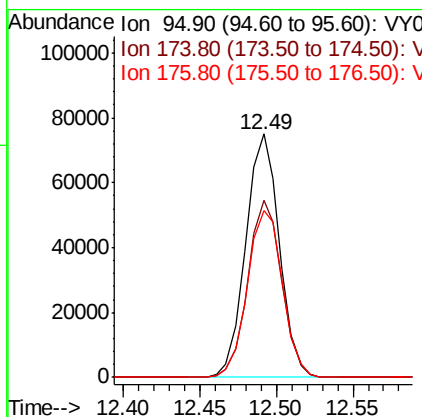
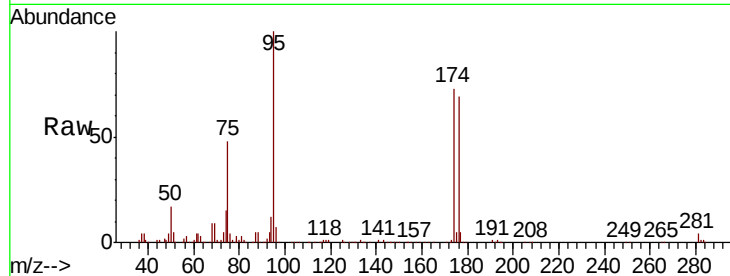




#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002381.D
Acq: 16 Apr 2020 20:28

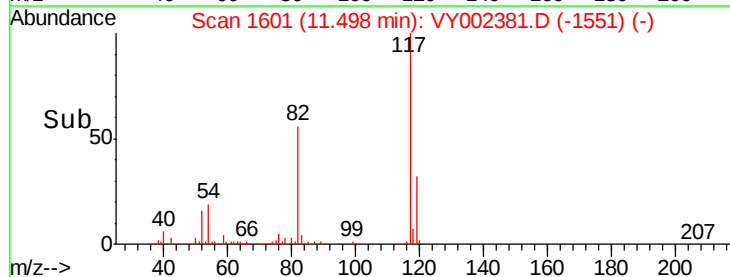
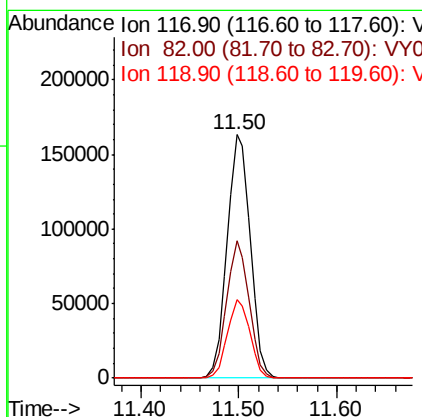
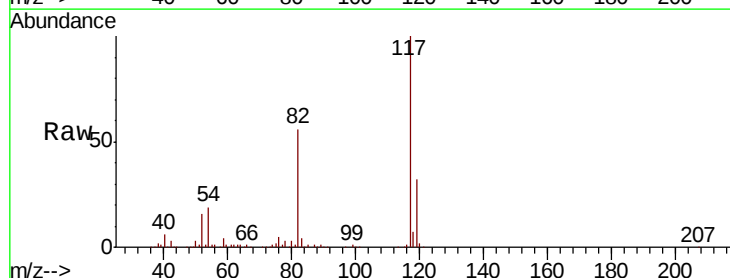
Instrument :
MSVOA_Y
ClientSampleId :

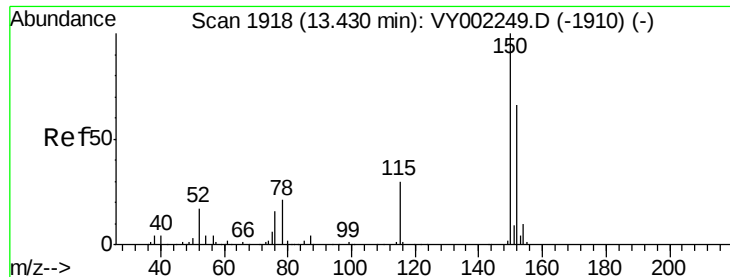
Tot Ion: 95 Resp: 114391
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.6
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002381.D
Acq: 16 Apr 2020 20:28

Tgt Ion: 117 Resp: 267683
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 32.3 25.1 37.7



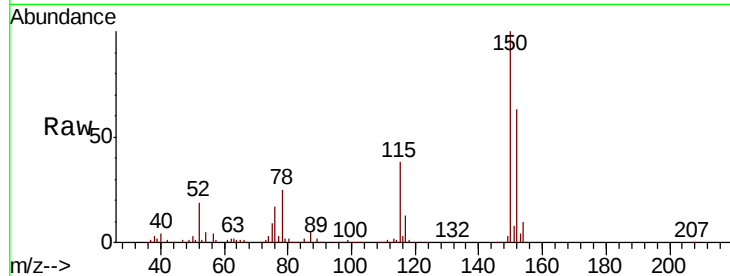


#72

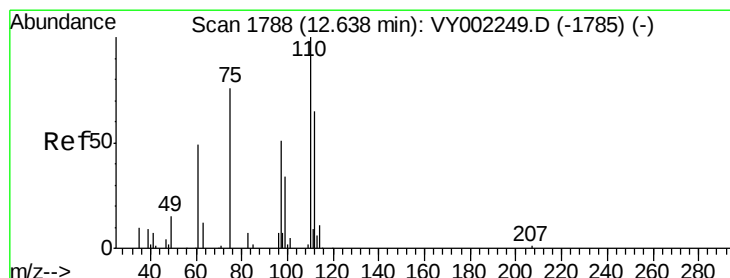
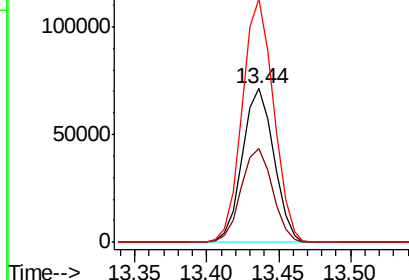
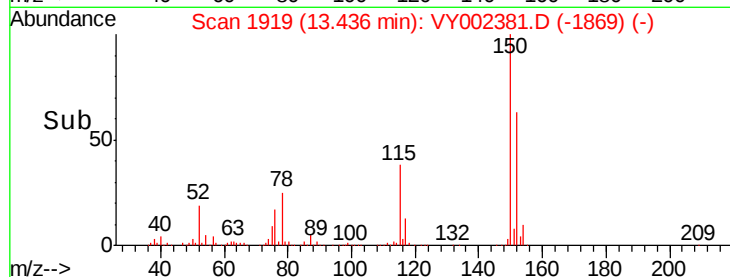
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002381.D
Acq: 16 Apr 2020 20:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 108177
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 157.7 0.0 350.6



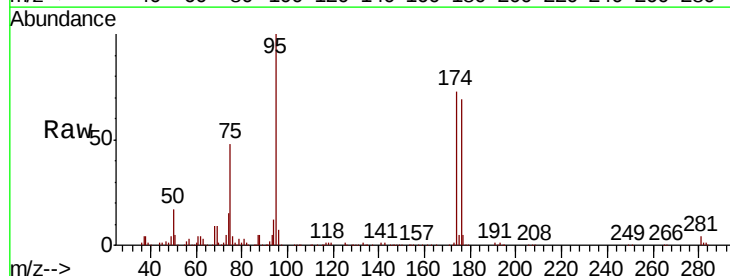
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



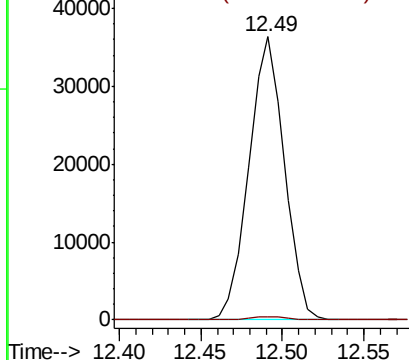
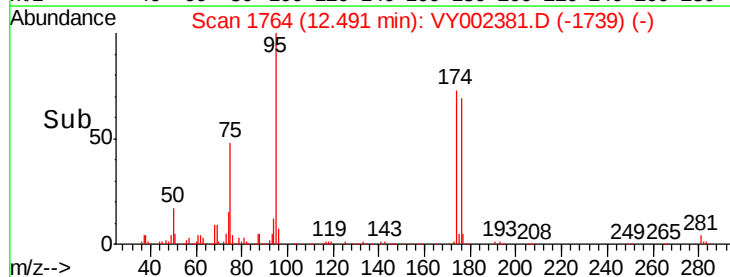
#76

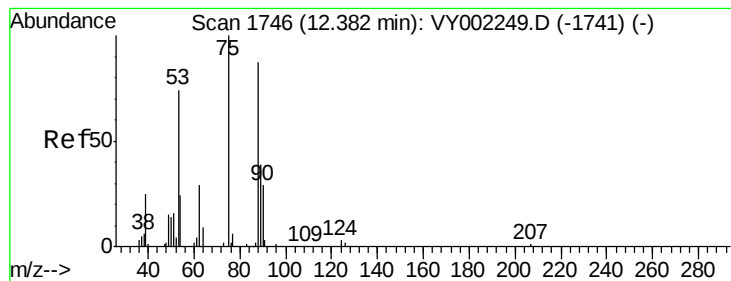
1,2,3-Trichloropropane
Concen: 43.892 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY002381.D
Acq: 16 Apr 2020 20:28

Tgt Ion: 75 Resp: 55136
Ion Ratio Lower Upper
75 100
77 1.2 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: 85.369 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002381.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 55136

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.3 37.0 55.6#

