

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002409.D
 Acq On : 17 Apr 2020 18:56
 Operator : SY/MD
 Sample : L2283-01
 Misc : 5.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:40:09 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

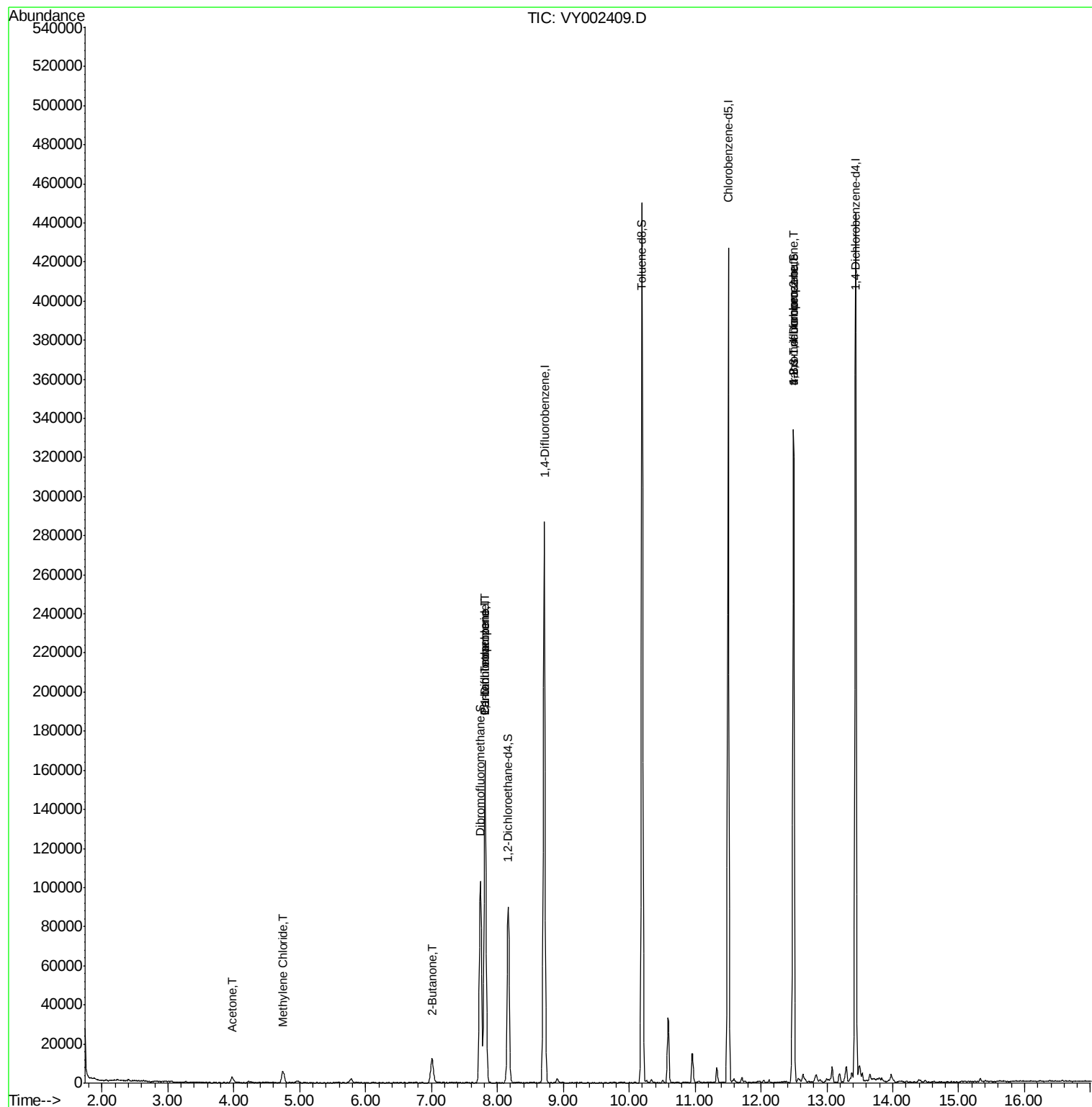
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133367	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	263868	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	254909	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	115338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	64525	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
35) Dibromofluoromethane	7.74	113	75675	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	10.19	98	316792	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	107041	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.94	59	480	Below Cal	#	77
16) Acetone	3.98	43	4848	12.411	ug/l #	78
20) Methylene Chloride	4.75	84	5165	2.690	ug/l #	74
25) 2-Butanone	7.02	43	1153	1.865	ug/l	94
36) 1,1-Dichloropropene	7.82	75	9546	3.673	ug/l #	45
38) Carbon Tetrachloride	7.82	117	12680	5.704	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	49099	36.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	49099	71.302	ug/l #	19

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 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: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

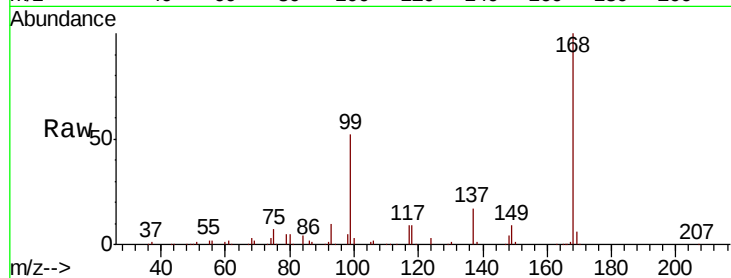
ClientSampleId :

Tot Ion:168 Resp: 133367

Ion Ratio Lower Upper

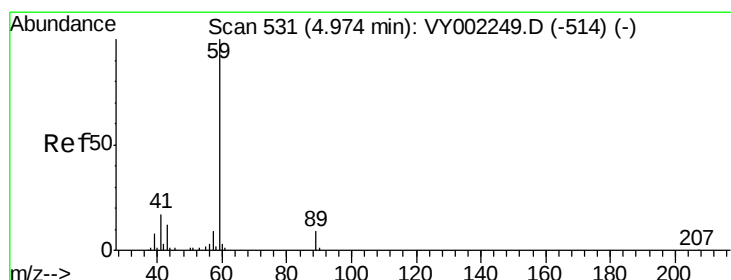
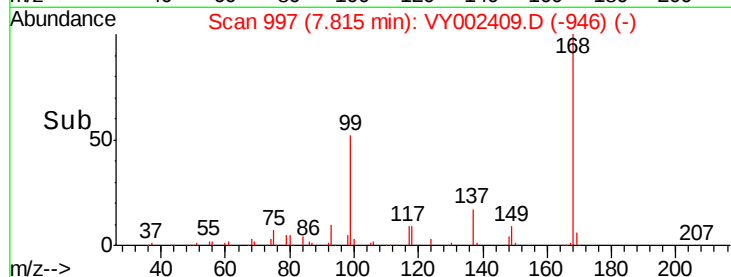
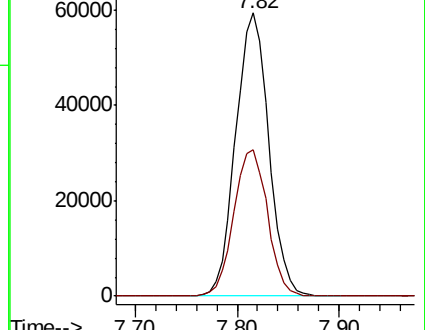
168 100

99 51.8 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: 4.94 min Scan# 526

Delta R.T. -0.03 min

Lab File: VY002409.D

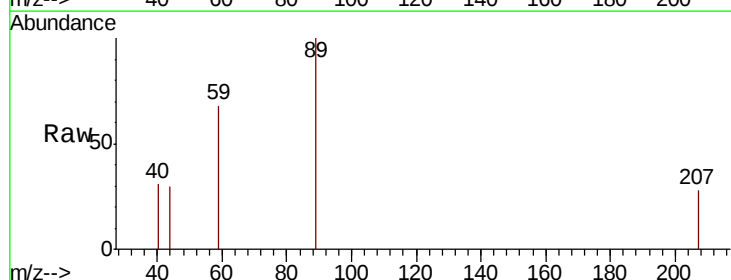
Acq: 17 Apr 2020 18:56

Tgt Ion: 59 Resp: 480

Ion Ratio Lower Upper

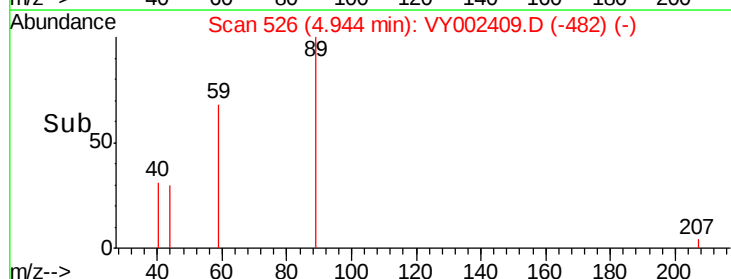
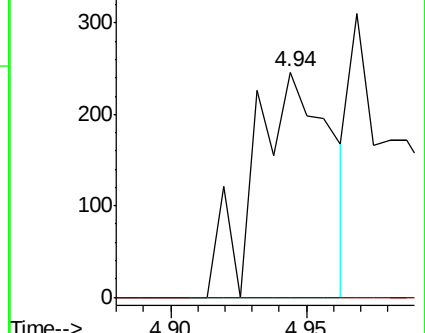
59 100

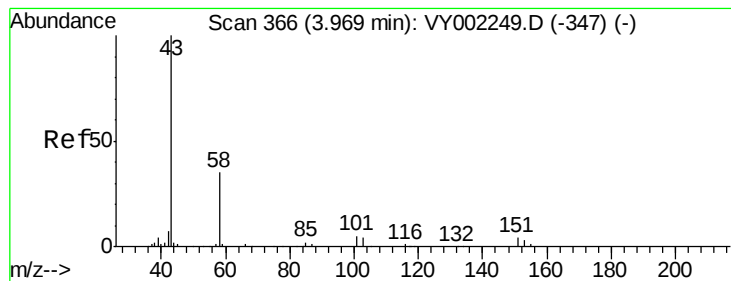
57 0.0 6.6 9.8#



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: 12.411 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

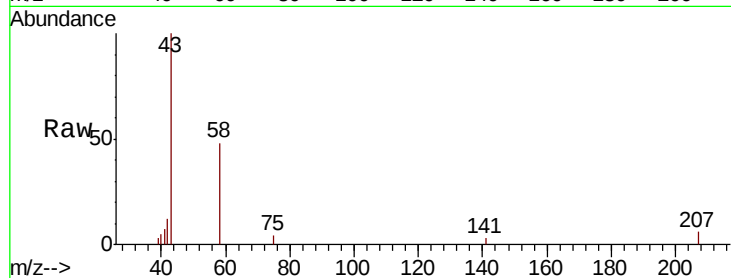
ClientSampleId :

Tot Ion: 43 Resp: 4848

Ion Ratio Lower Upper

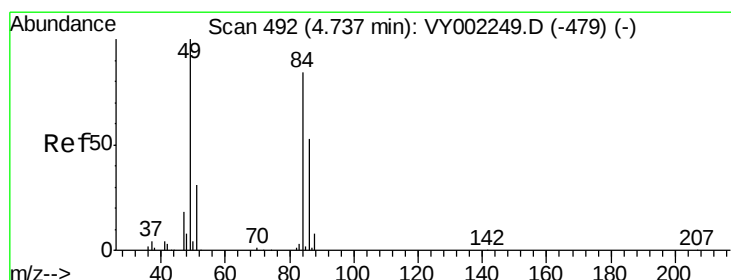
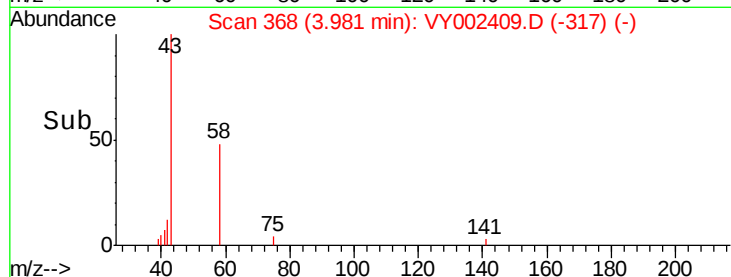
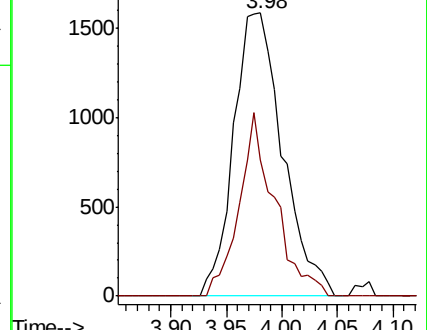
43 100

58 48.3 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)



#20

Methylene Chloride

Concen: 2.690 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Tgt Ion: 84 Resp: 5165

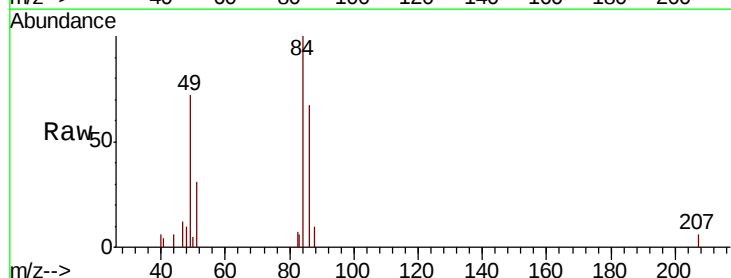
Ion Ratio Lower Upper

84 100

49 71.5 95.5 143.3#

51 31.0 29.5 44.3

86 66.7 50.7 76.1

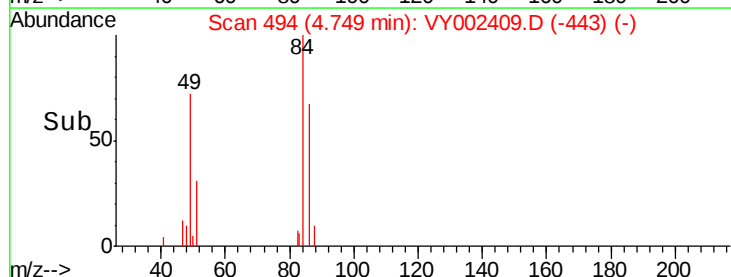
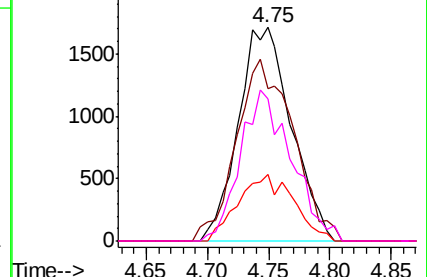


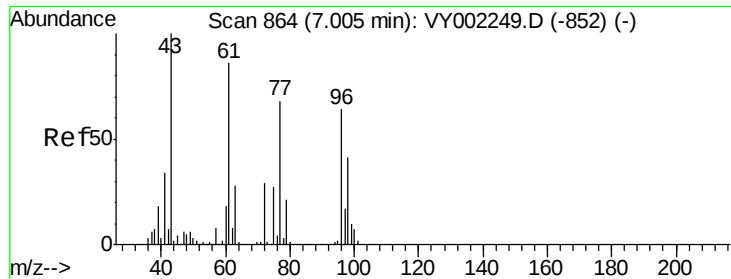
Abundance Ion 83.90 (83.60 to 84.60): VY002249.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002249.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002249.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002249.D (-479) (-)





#25

2-Butanone

Concen: 1.865 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

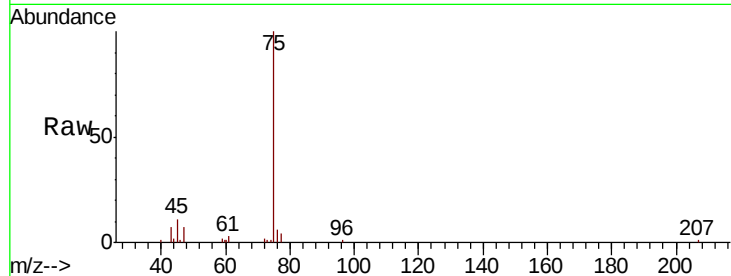
ClientSampled :

Tot Ion: 43 Resp: 1153

Ion Ratio Lower Upper

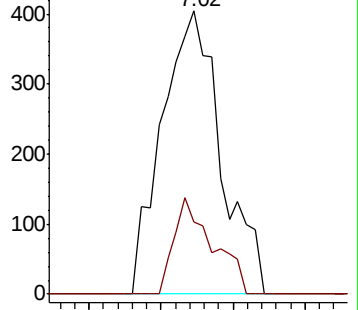
43 100

72 25.7 23.2 34.8

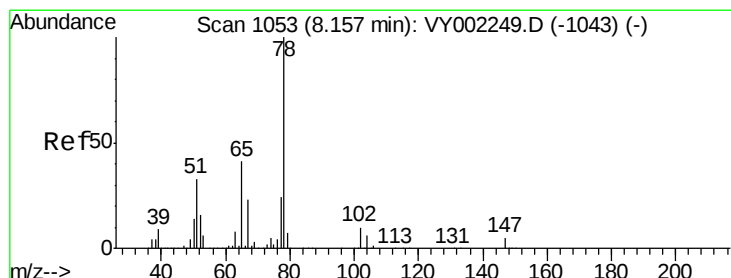
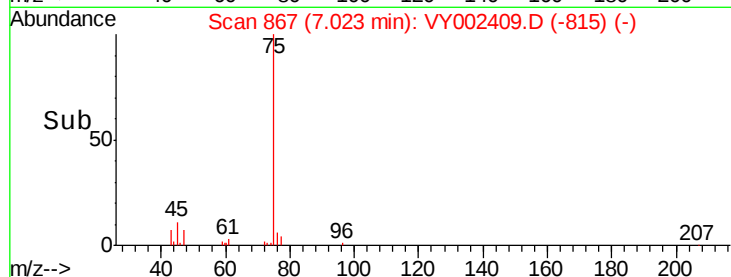


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.506 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002409.D

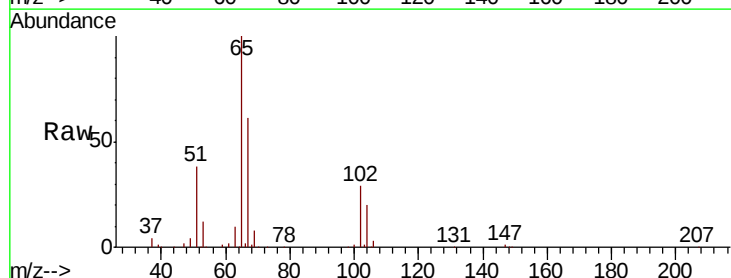
Acq: 17 Apr 2020 18:56

Tgt Ion: 65 Resp: 64525

Ion Ratio Lower Upper

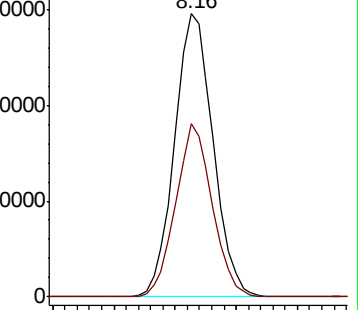
65 100

67 58.1 0.0 114.0

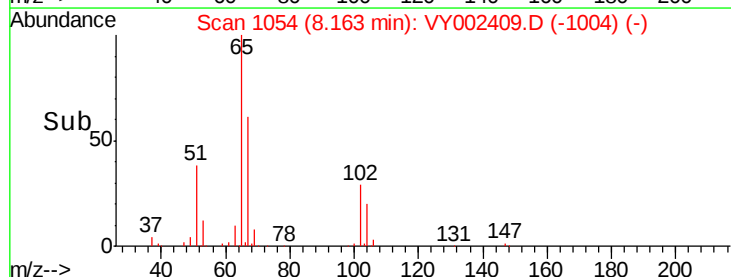


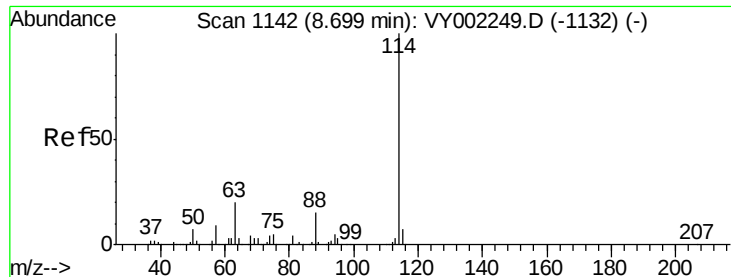
Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



Time-->

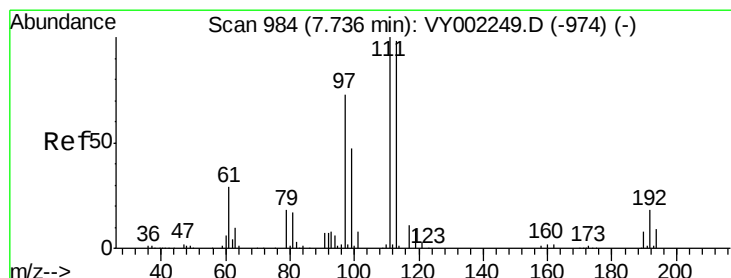
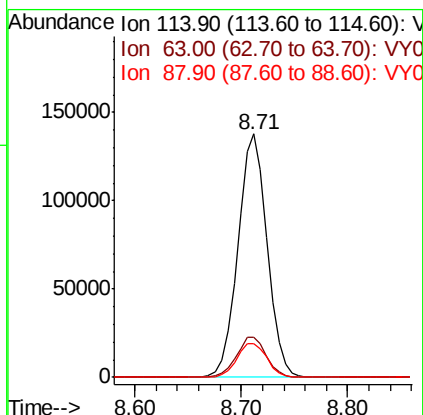
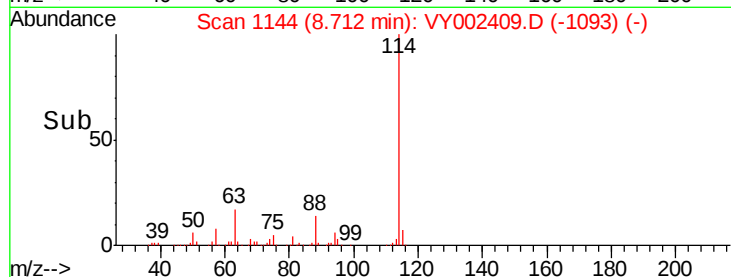
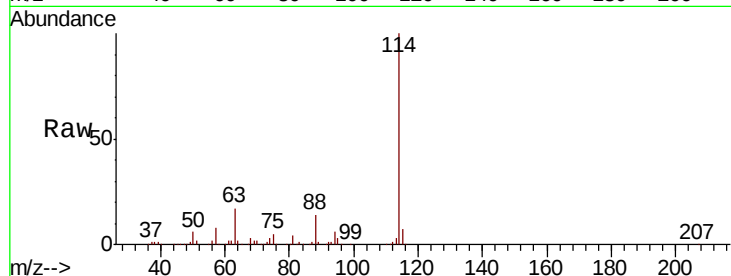




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

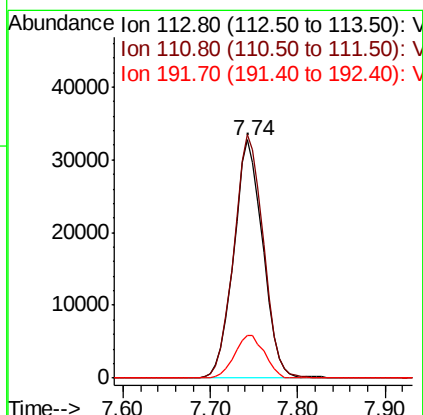
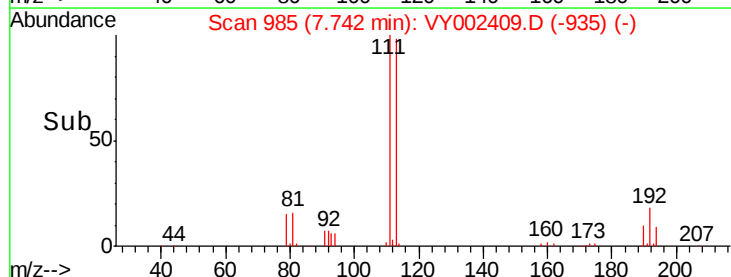
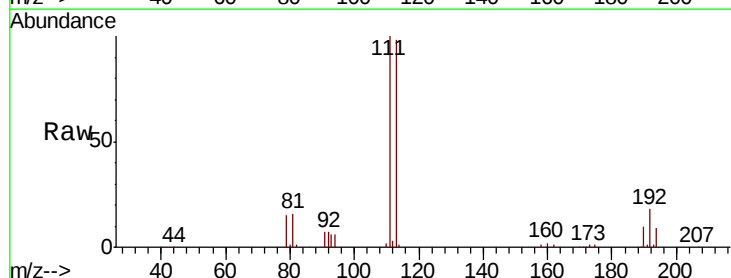
Instrument :
 MSVOA_Y
 ClientSampleId :

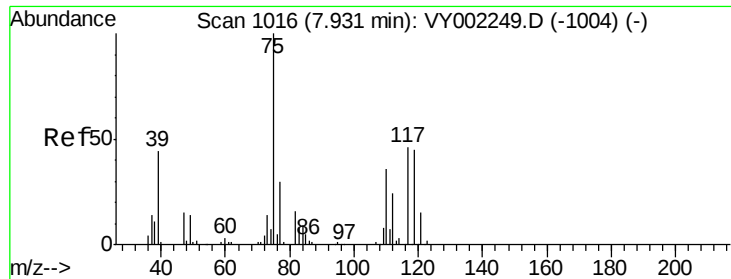
Tot Ion:114 Resp: 263868
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 39.0
 88 14.0 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 48.198 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

Tgt Ion:113 Resp: 75675
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.5 125.3
 192 18.7 14.7 22.1

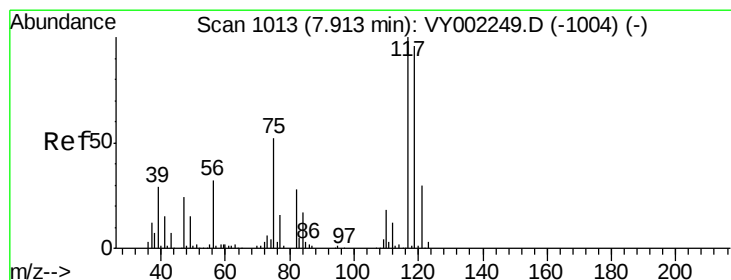
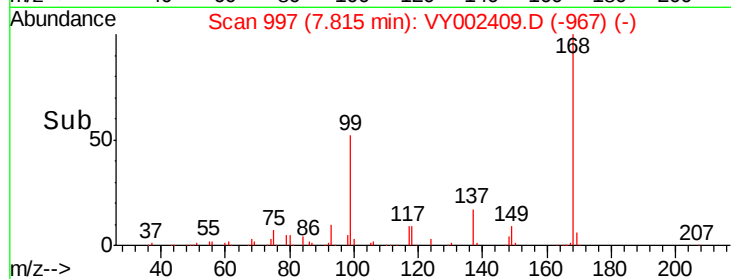
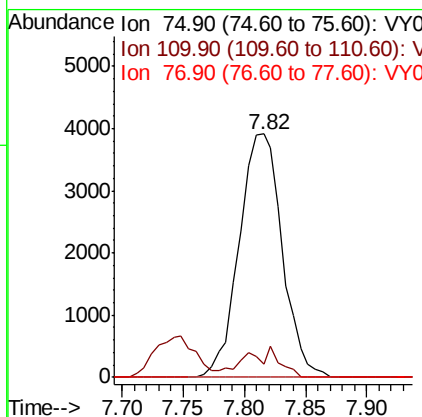
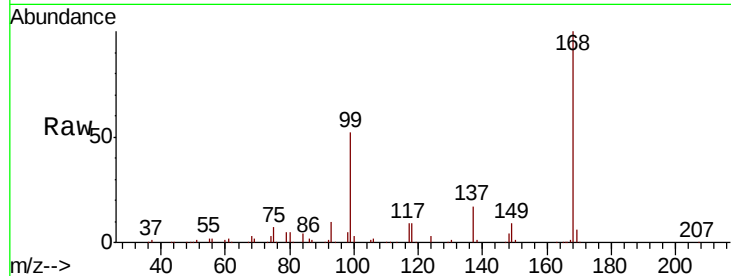




#36
 1,1-Dichloropropene
 Concen: 3.673 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

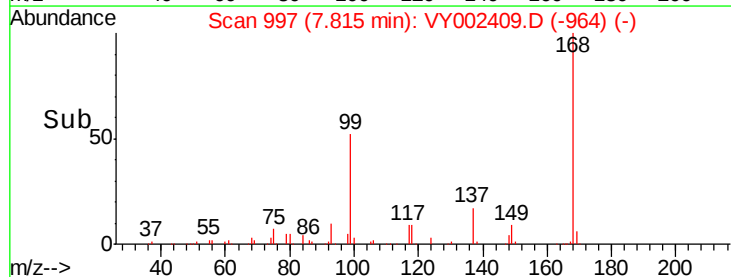
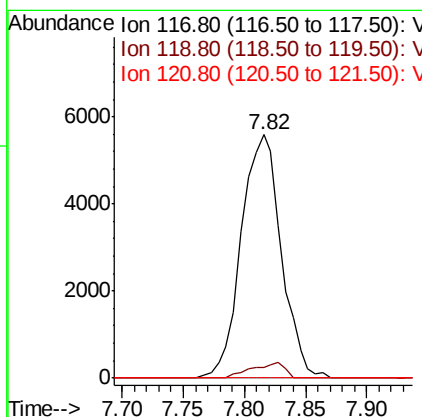
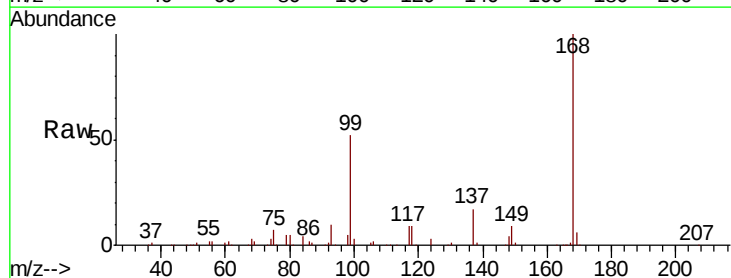
Instrument :
 MSVOA_Y
 ClientSampled :

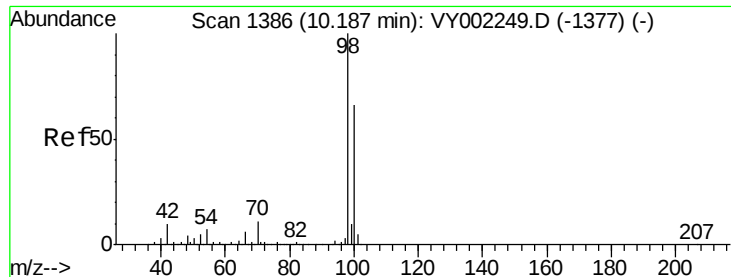
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.4	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.704 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002409.D
 Acq: 17 Apr 2020 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.205 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

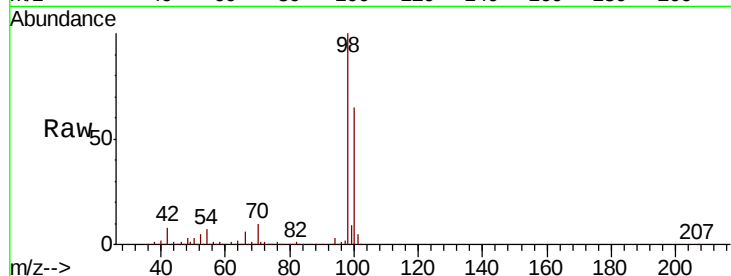
ClientSampleId :

Tot Ion: 98 Resp: 316792

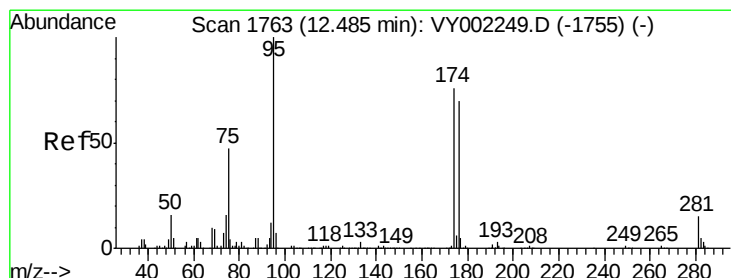
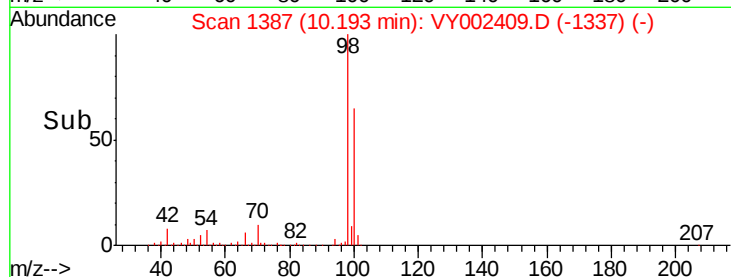
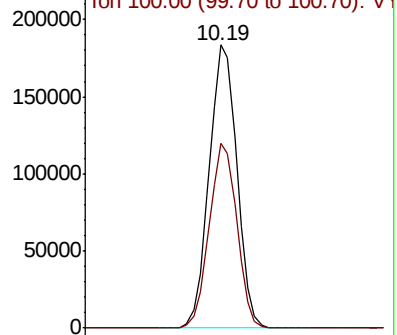
Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



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



#62

4-Bromofluorobenzene

Concen: 49.370 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

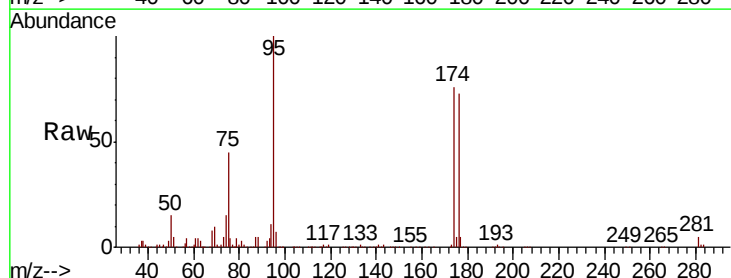
Tgt Ion: 95 Resp: 107041

Ion Ratio Lower Upper

95 100

174 80.0 0.0 150.6

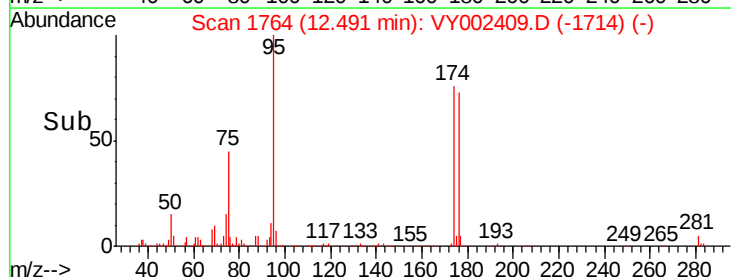
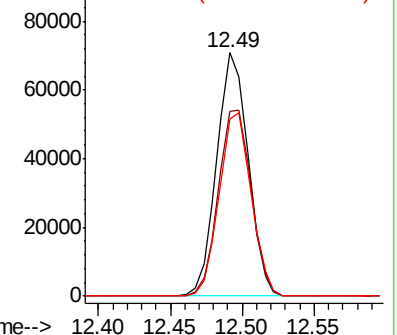
176 76.3 0.0 141.4

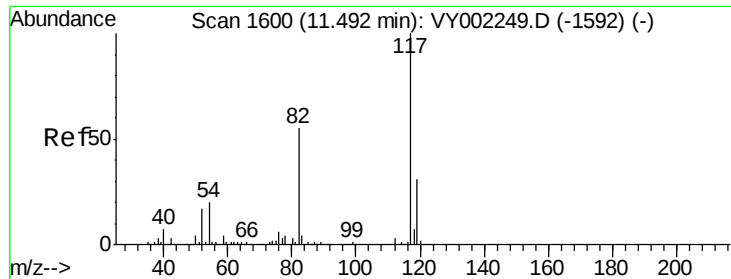


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

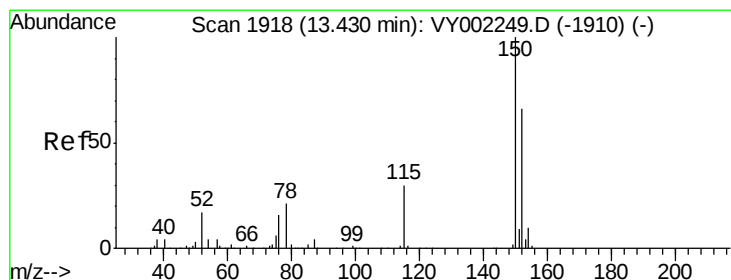
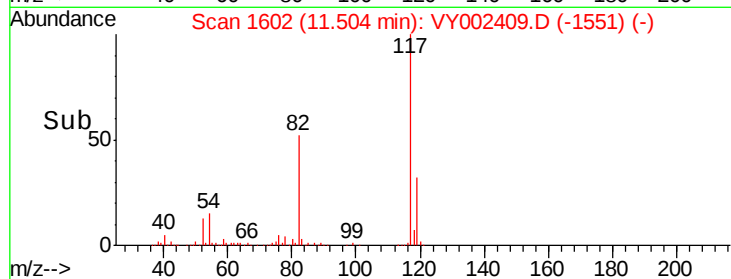
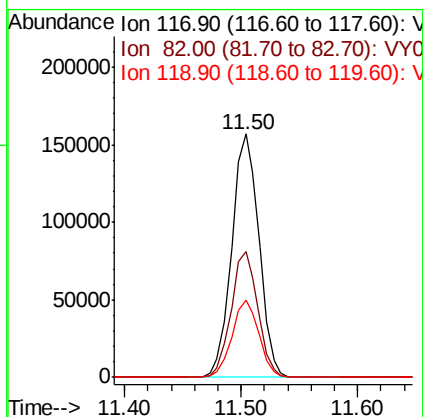
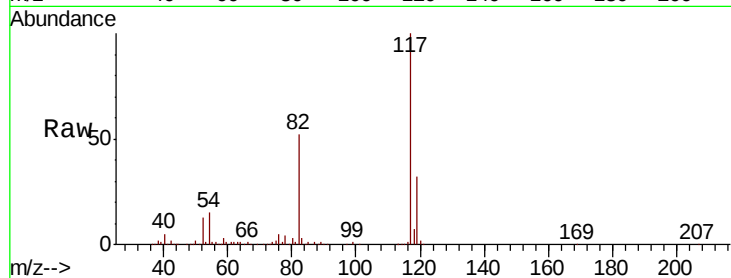




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002409.D
Acq: 17 Apr 2020 18:56

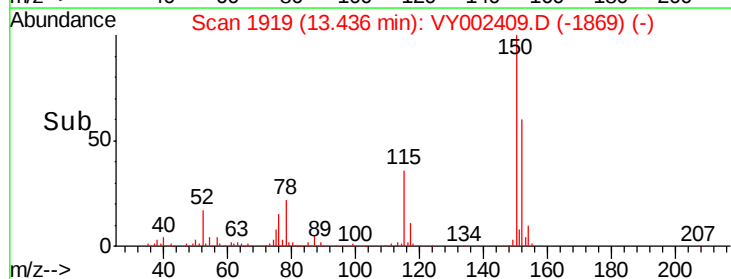
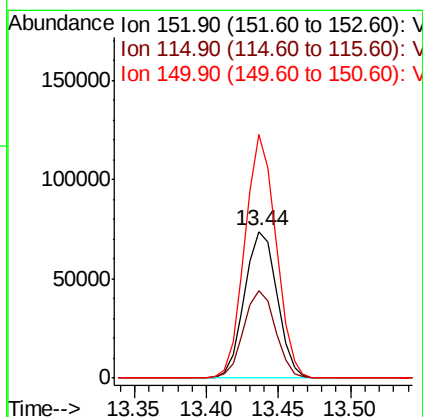
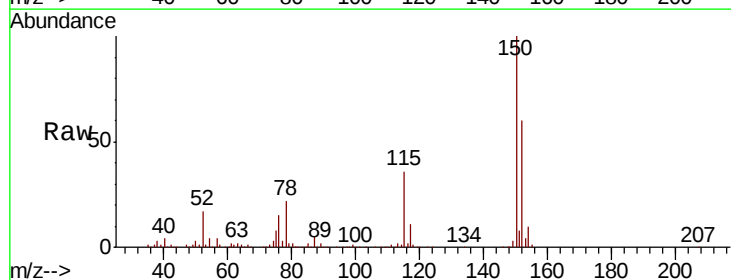
Instrument :
MSVOA_Y
ClientSampleId :

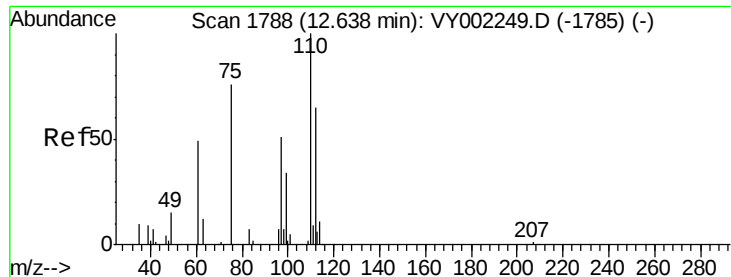
Tot Ion:117 Resp: 254909
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.4
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002409.D
Acq: 17 Apr 2020 18:56

Tgt Ion:152 Resp: 115338
Ion Ratio Lower Upper
152 100
115 58.7 30.7 92.1
150 159.2 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 36.659 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

Instrument :

MSVOA_Y

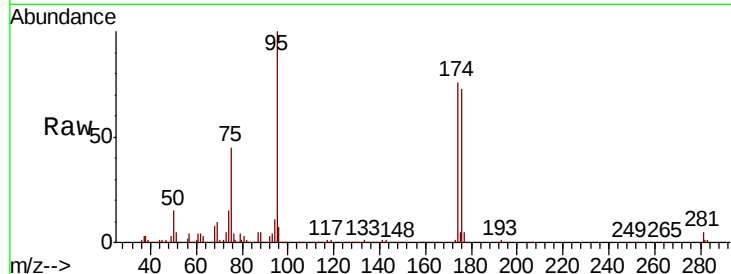
ClientSampleId :

Tot Ion: 75 Resp: 49099

Ion Ratio Lower Upper

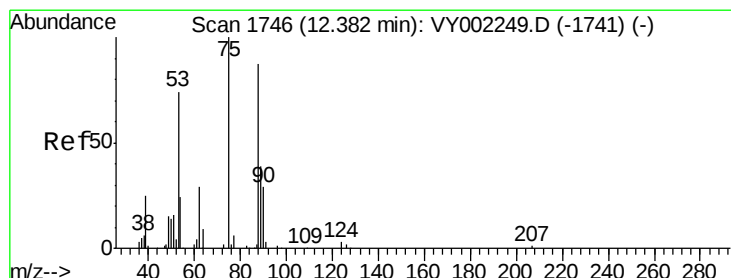
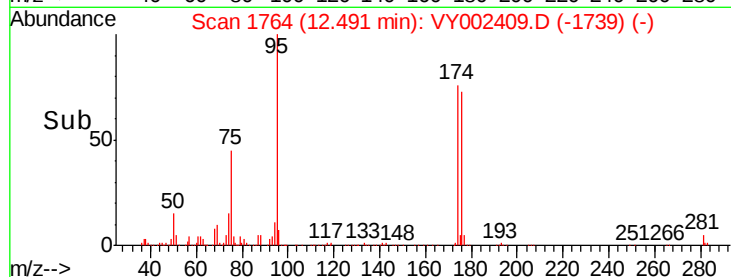
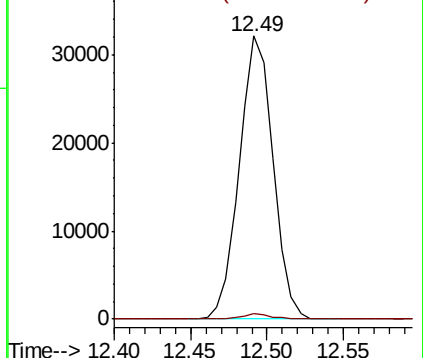
75 100

77 1.7 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: 71.302 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002409.D

Acq: 17 Apr 2020 18:56

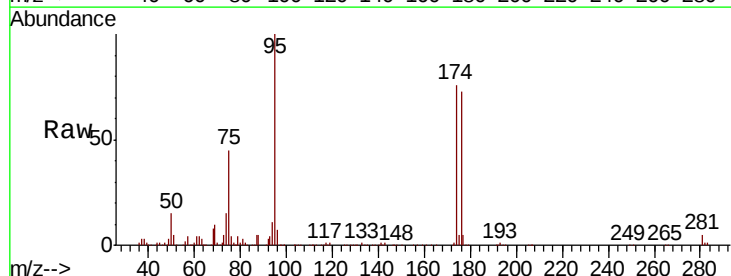
Tgt Ion: 75 Resp: 49099

Ion Ratio Lower Upper

75 100

53 0.4 59.8 89.8#

89 0.2 37.0 55.6#



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

