

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002272.D
 Acq On : 09 Apr 2020 14:12
 Operator : SY/MD
 Sample : L2195-05RE
 Misc : 9.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

Quant Time: Apr 10 04:28:59 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

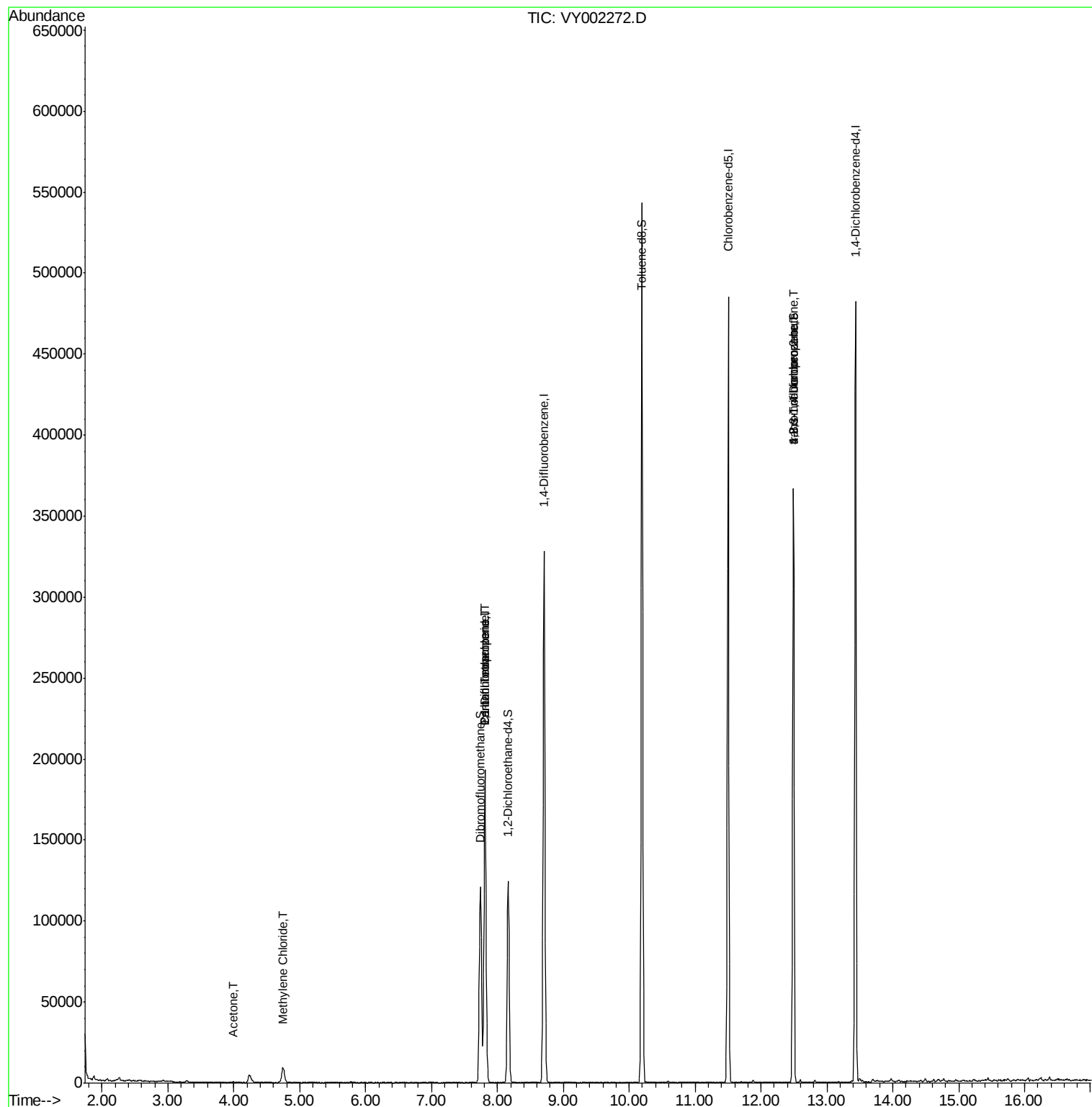
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	145558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	286179	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	265071	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	115268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88477	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
35) Dibromofluoromethane	7.74	113	86292	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.19	98	350790	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.49	95	120337	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	61	Below Cal	#	77
16) Acetone	3.99	43	938	2.200	ug/l	90
20) Methylene Chloride	4.75	84	6830	3.259	ug/l #	91
36) 1,1-Dichloropropene	7.81	75	12352	4.382	ug/l #	48
38) Carbon Tetrachloride	7.81	117	14656	6.078	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	60235	45.001	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	60235	87.527	ug/l #	19

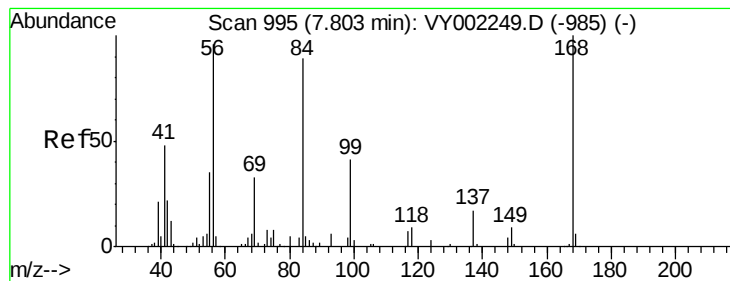
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampled :

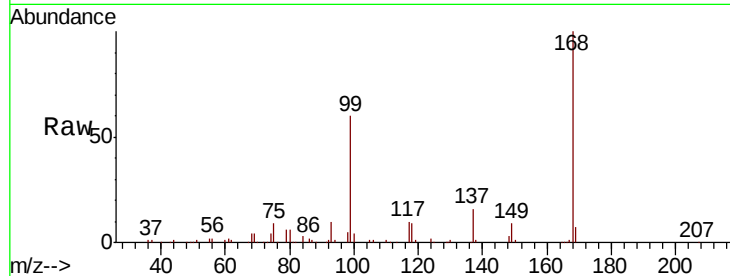
VNJ-204

Tot Ion:168 Resp: 145558

Ion Ratio Lower Upper

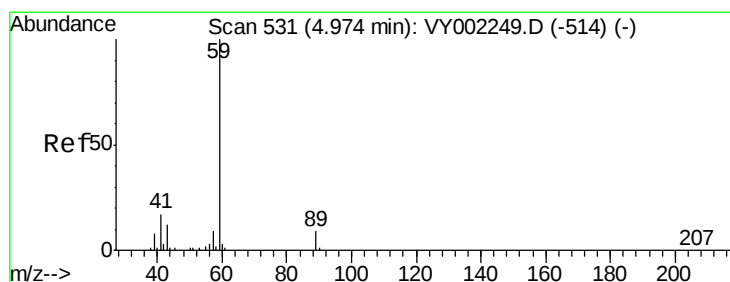
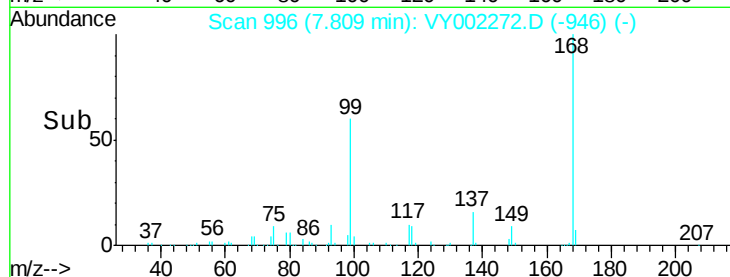
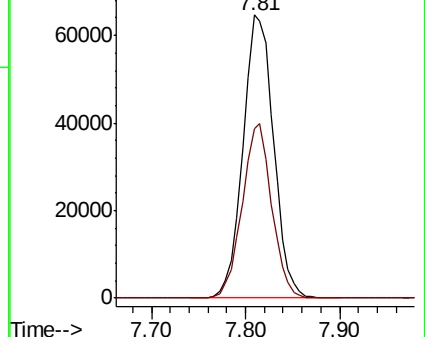
168 100

99 59.8 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: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002272.D

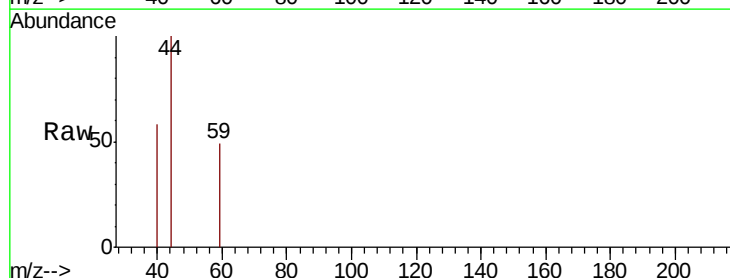
Acq: 09 Apr 2020 14:12

Tgt Ion: 59 Resp: 61

Ion Ratio Lower Upper

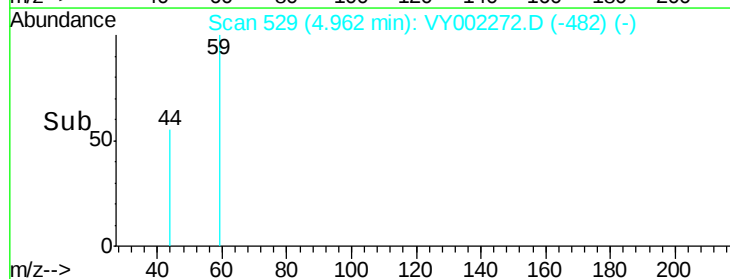
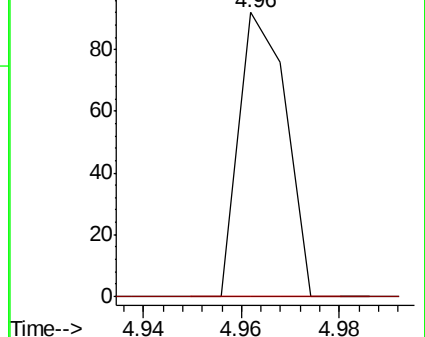
59 100

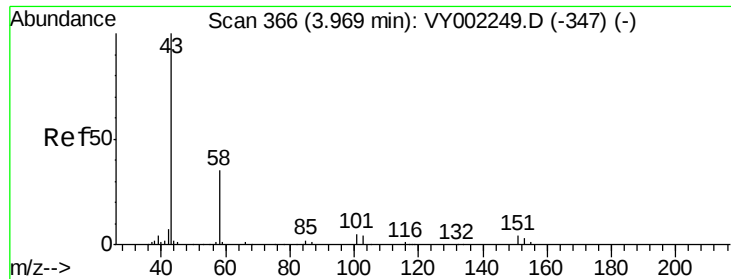
57 0.0 6.6 9.8#



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: 2.200 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

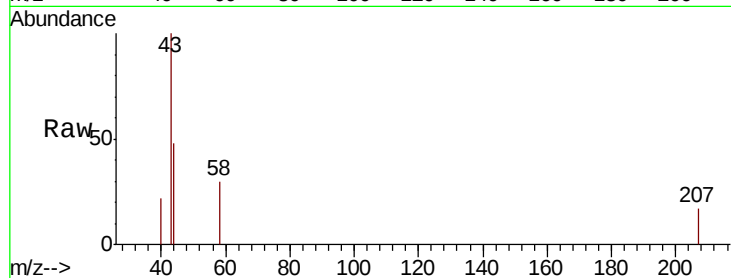
VNJ-204

Tot Ion: 43 Resp: 938

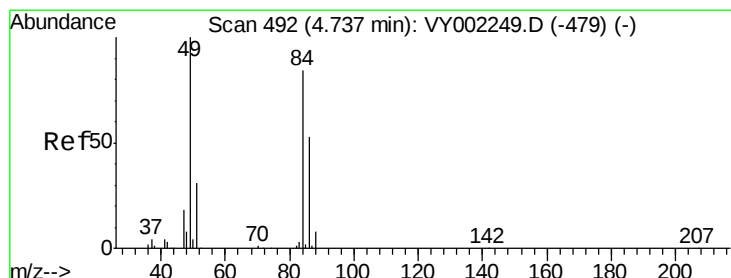
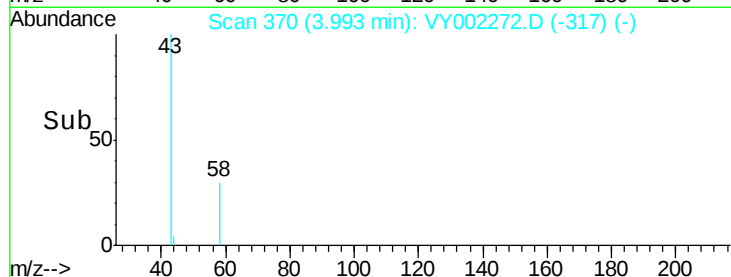
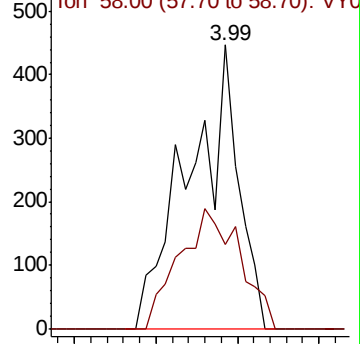
Ion Ratio Lower Upper

43 100

58 29.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002272.D (-317) (-)



#20

Methylene Chloride

Concen: 3.259 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.02 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

Tgt Ion: 84 Resp: 6830

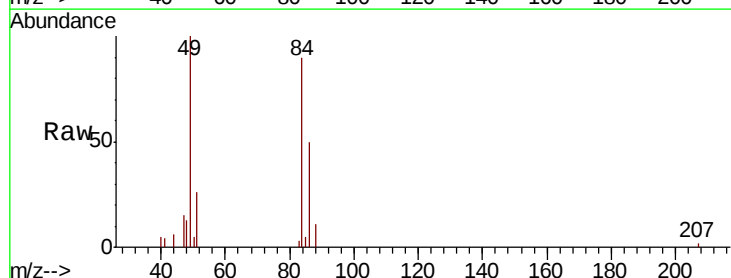
Ion Ratio Lower Upper

84 100

49 111.1 95.5 143.3

51 28.5 29.5 44.3#

86 55.1 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VY002272.D (-443) (-)

Ion 48.90 (48.60 to 49.60): VY002272.D (-443) (-)

Ion 50.90 (50.60 to 51.60): VY002272.D (-443) (-)

Ion 85.90 (85.60 to 86.60): VY002272.D (-443) (-)

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Ion 85.90 (85.60 to 86.60): VY002272.D (-443) (-)

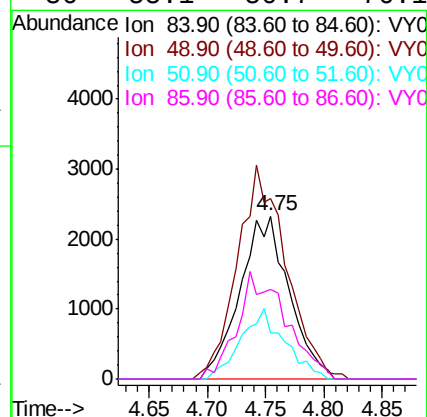
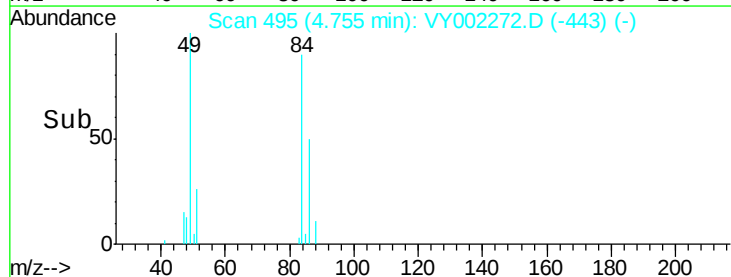
Ion 85.90 (85.60 to 86.60): VY002272.D (-443) (-)

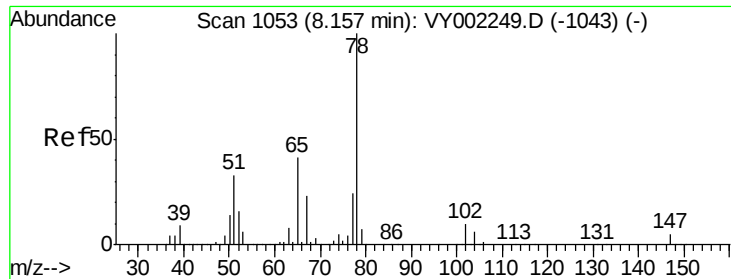
Ion 85.90 (85.60 to 86.60): VY002272.D (-443) (-)

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Ion 85.90 (85.60 to 86.60): VY002272.D (-443) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.659 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

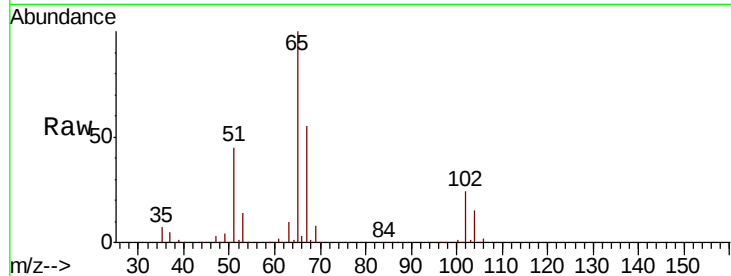
VNJ-204

Tot Ion: 65 Resp: 88477

Ion Ratio Lower Upper

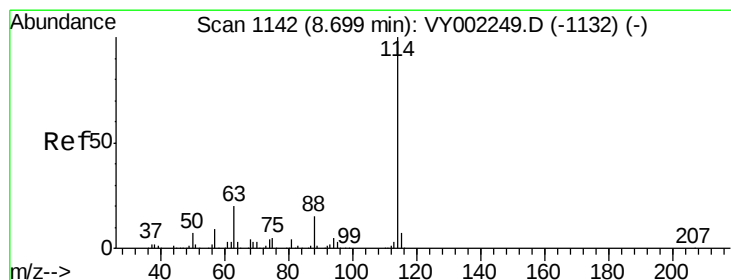
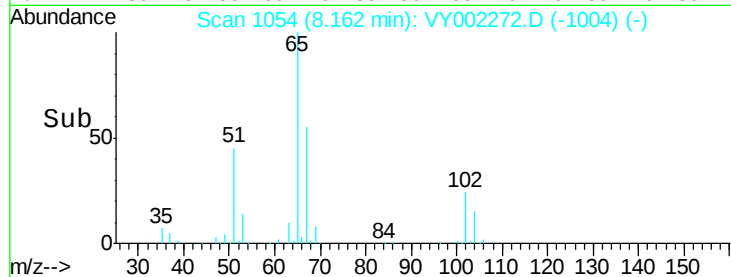
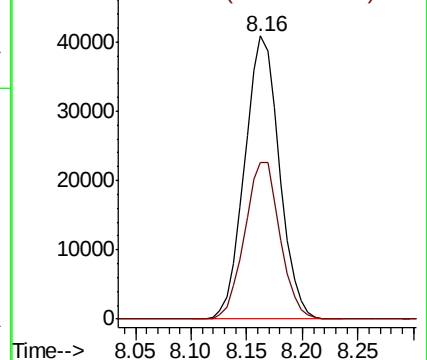
65 100

67 56.4 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# 1144

Delta R.T. 0.01 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

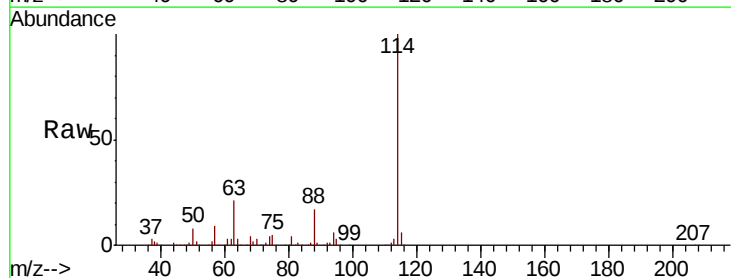
Tgt Ion: 114 Resp: 286179

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.0

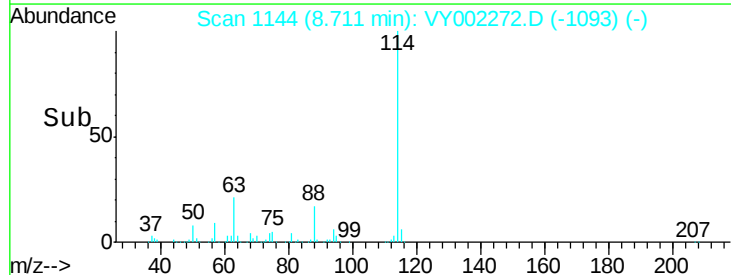
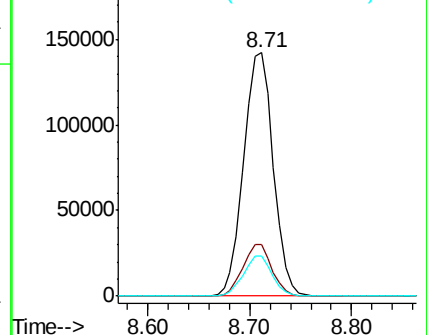
88 16.6 0.0 31.0

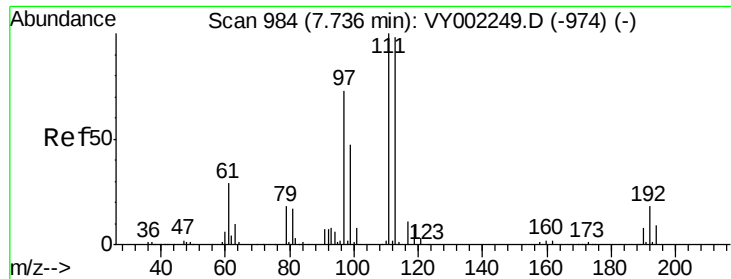


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

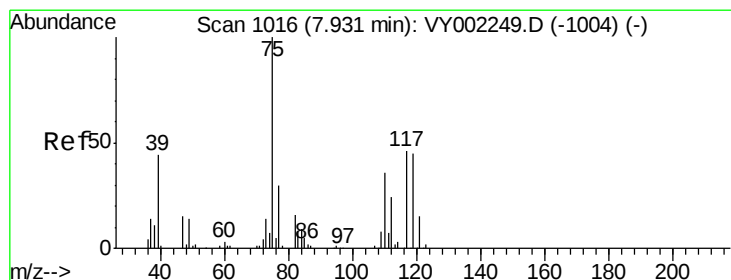
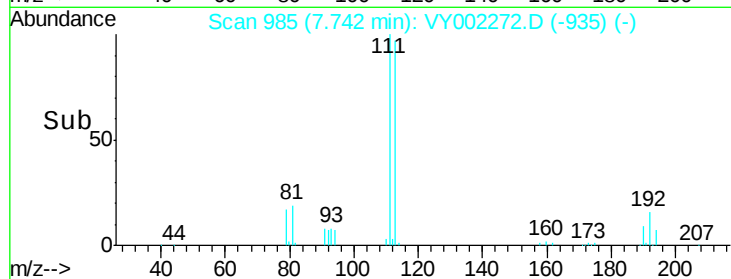
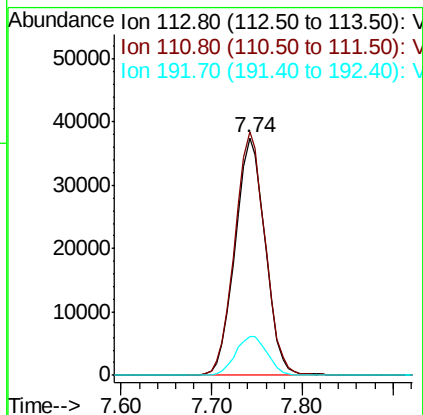
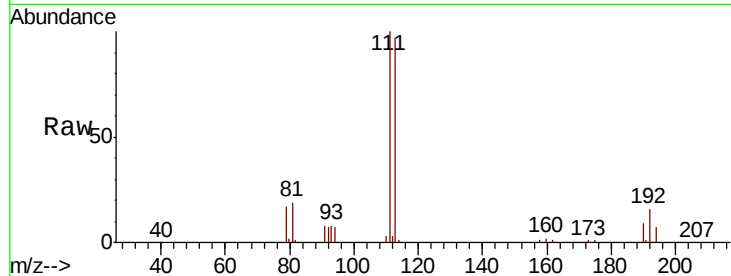




#35
 Dibromofluoromethane
 Concen: 50.675 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002272.D
 Acq: 09 Apr 2020 14:12

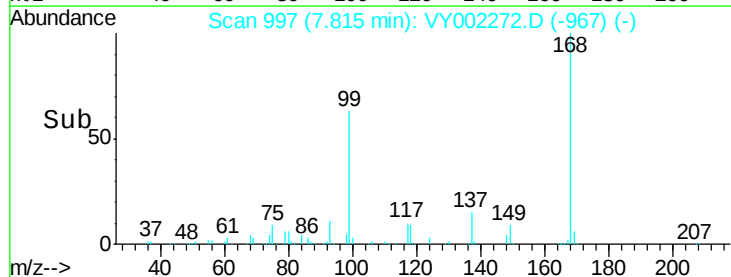
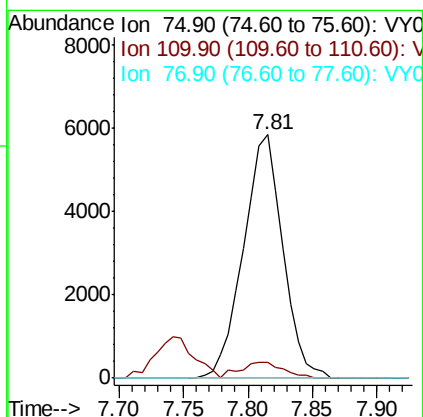
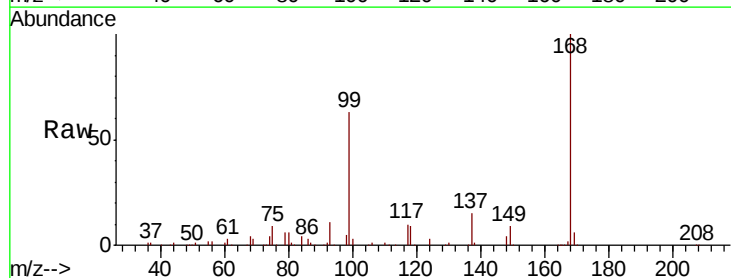
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-204

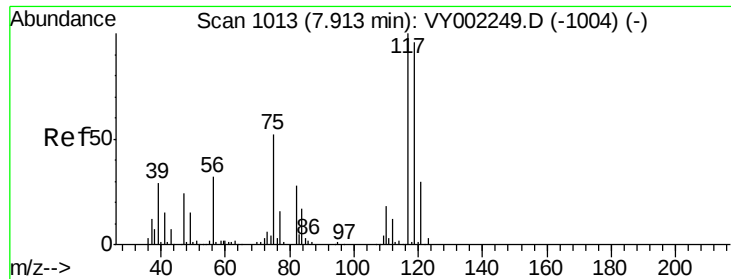
Tot Ion:113 Resp: 86292
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.5 125.3
 192 17.2 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.382 ug/l
 RT: 7.81 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002272.D
 Acq: 09 Apr 2020 14:12

Tgt Ion: 75 Resp: 12352
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.8 53.3#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.10 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampled :

VNJ-204

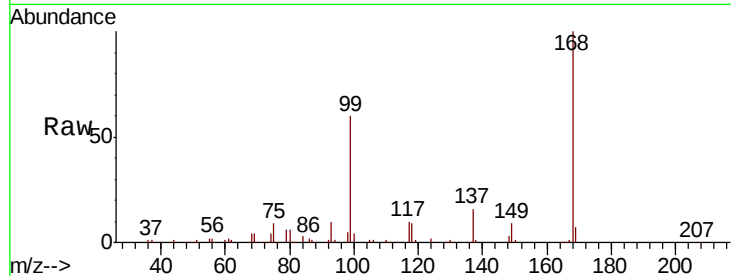
Tot Ion:117 Resp: 14656

Ion Ratio Lower Upper

117 100

119 5.1 77.1 115.7#

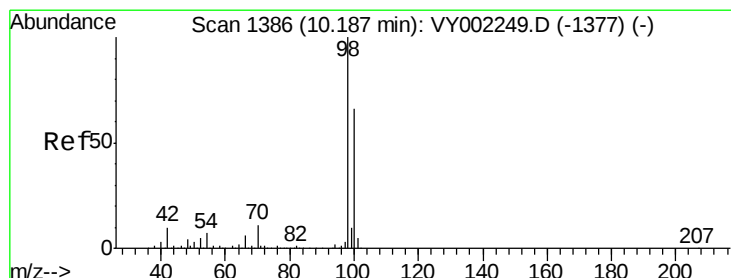
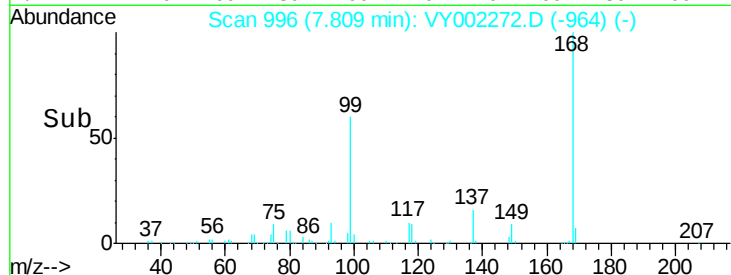
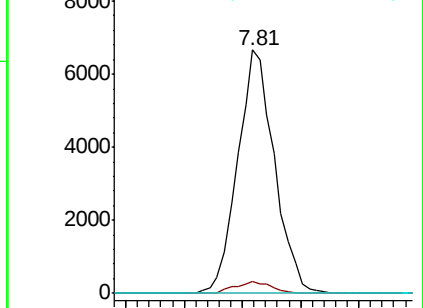
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.217 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002272.D

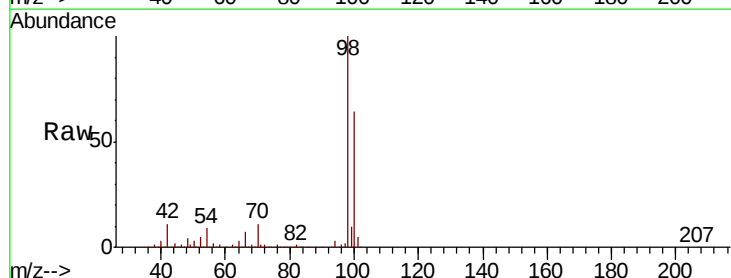
Acq: 09 Apr 2020 14:12

Tgt Ion: 98 Resp: 350790

Ion Ratio Lower Upper

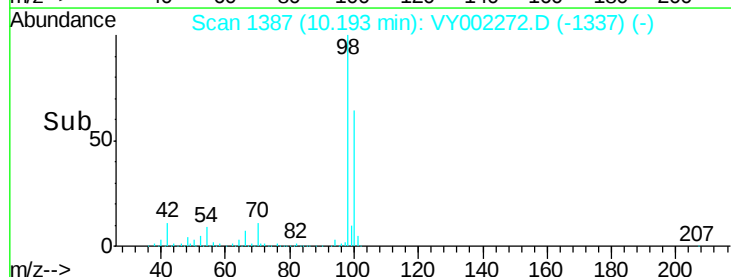
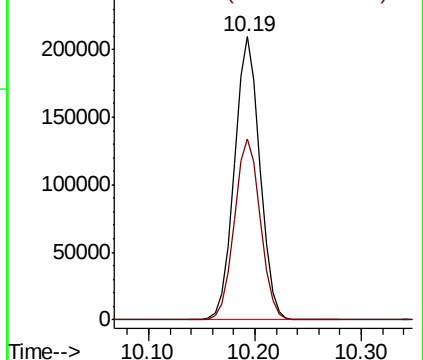
98 100

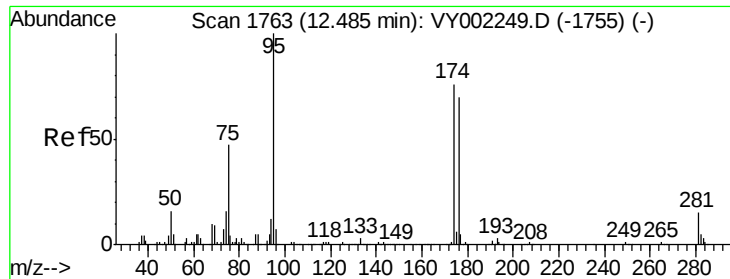
100 65.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

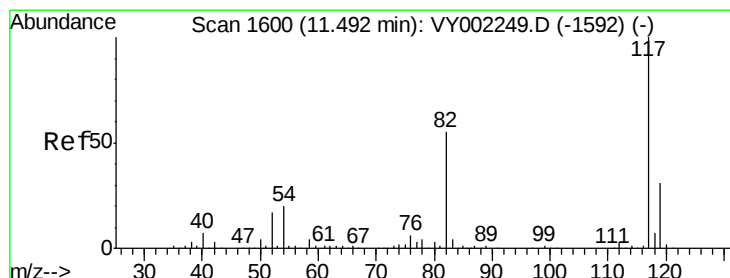
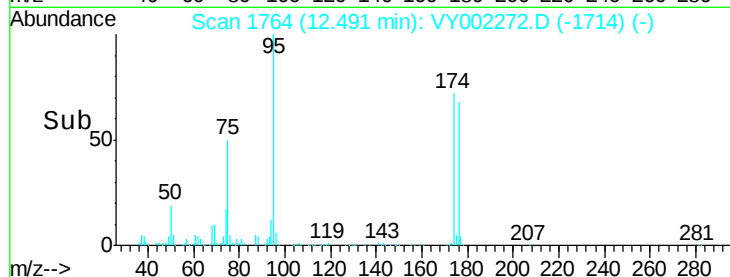
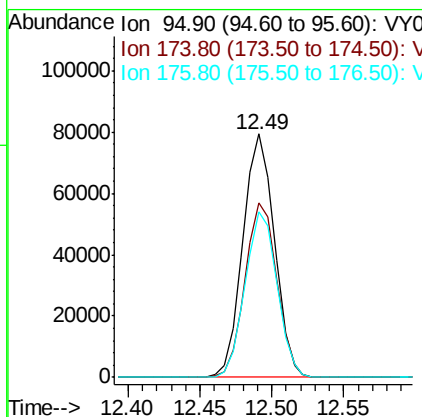
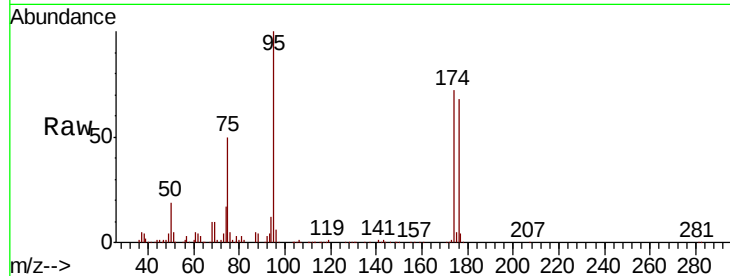




#62
4-Bromofluorobenzene
Concen: 51.176 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002272.D
Acq: 09 Apr 2020 14:12

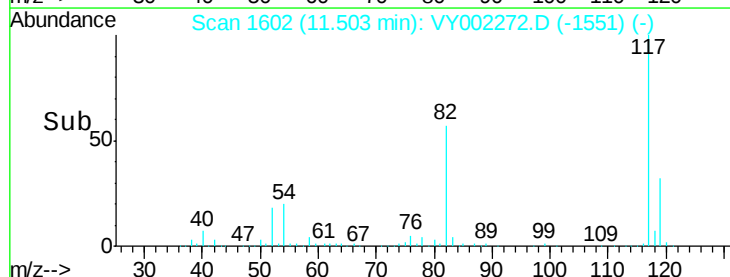
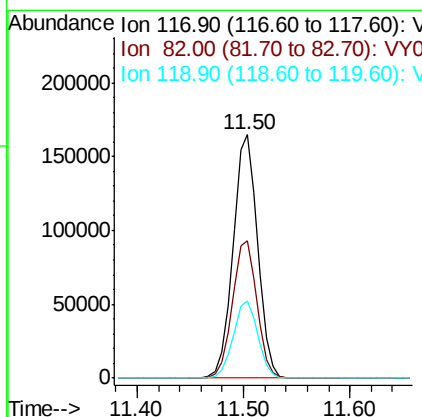
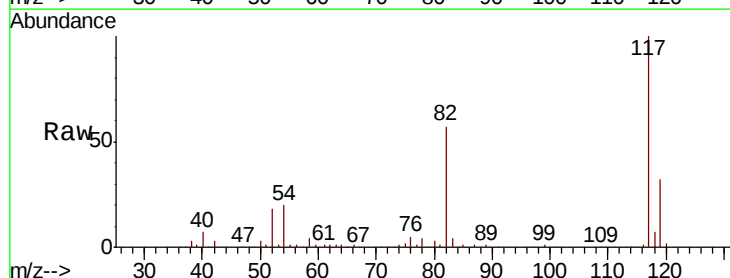
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-204

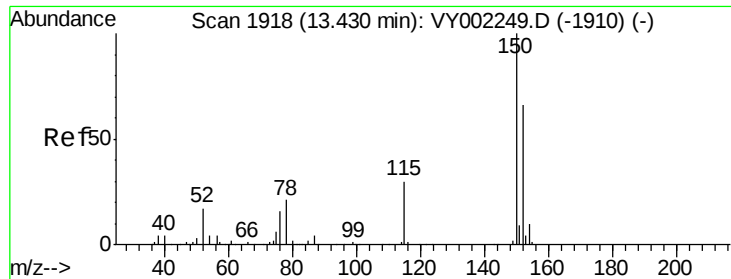
Tot Ion	95	Resp	120337
Ion Ratio	Lower	Upper	
95	100		
174	72.4	0.0	150.6
176	68.6	0.0	141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002272.D
Acq: 09 Apr 2020 14:12

Tgt Ion	117	Resp	265071
Ion Ratio	Lower	Upper	
117	100		
82	56.6	44.2	66.4
119	31.9	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: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-204

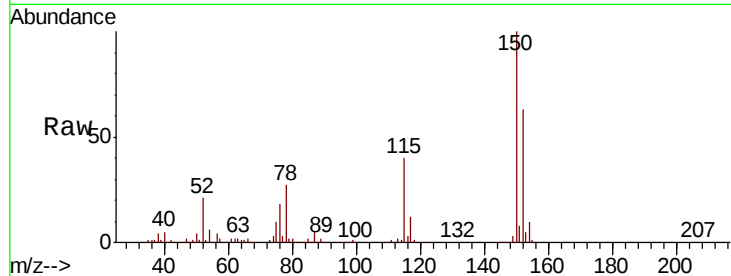
Tot Ion:152 Resp: 115268

Ion Ratio Lower Upper

152 100

115 62.1 30.7 92.1

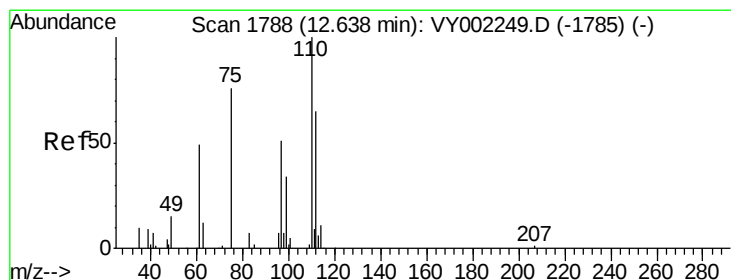
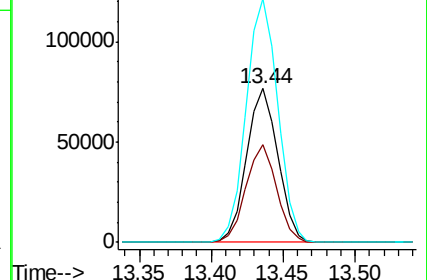
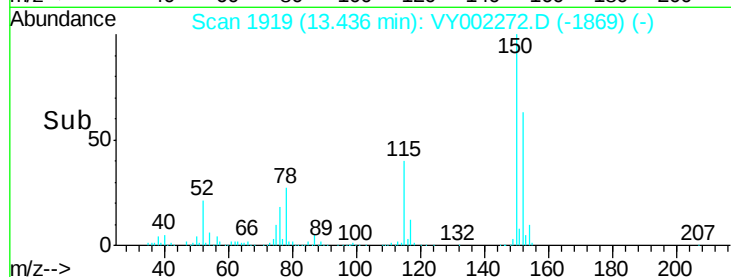
150 159.6 0.0 350.6



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: 45.001 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002272.D

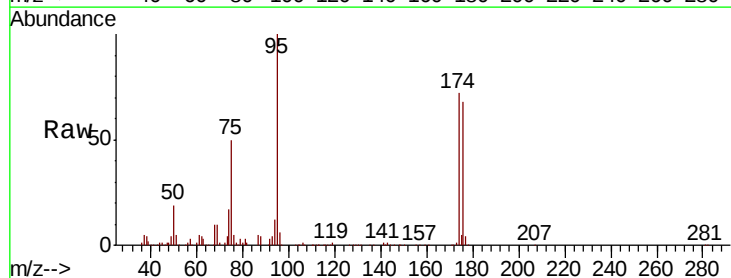
Acq: 09 Apr 2020 14:12

Tgt Ion: 75 Resp: 60235

Ion Ratio Lower Upper

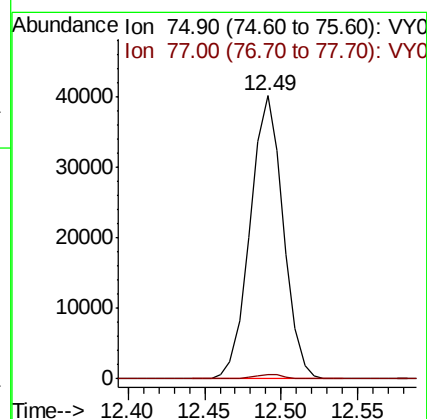
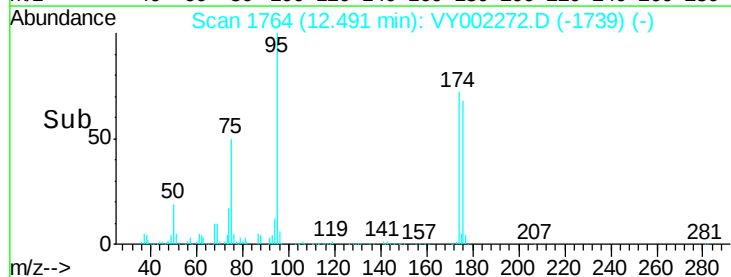
75 100

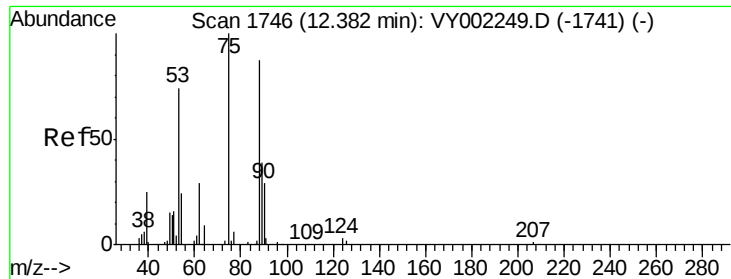
77 1.5 0.0 0.0#



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: 87.527 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002272.D

Acq: 09 Apr 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-204

Tot Ion: 75 Resp: 60235

Ion Ratio Lower Upper

75 100

53 0.1 59.8 89.8#

89 0.1 37.0 55.6#

