

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040920\
 Data File : VY002270.D
 Acq On : 09 Apr 2020 13:06
 Operator : SY/MD
 Sample : L2195-01
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

Quant Time: Apr 10 04:28:42 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

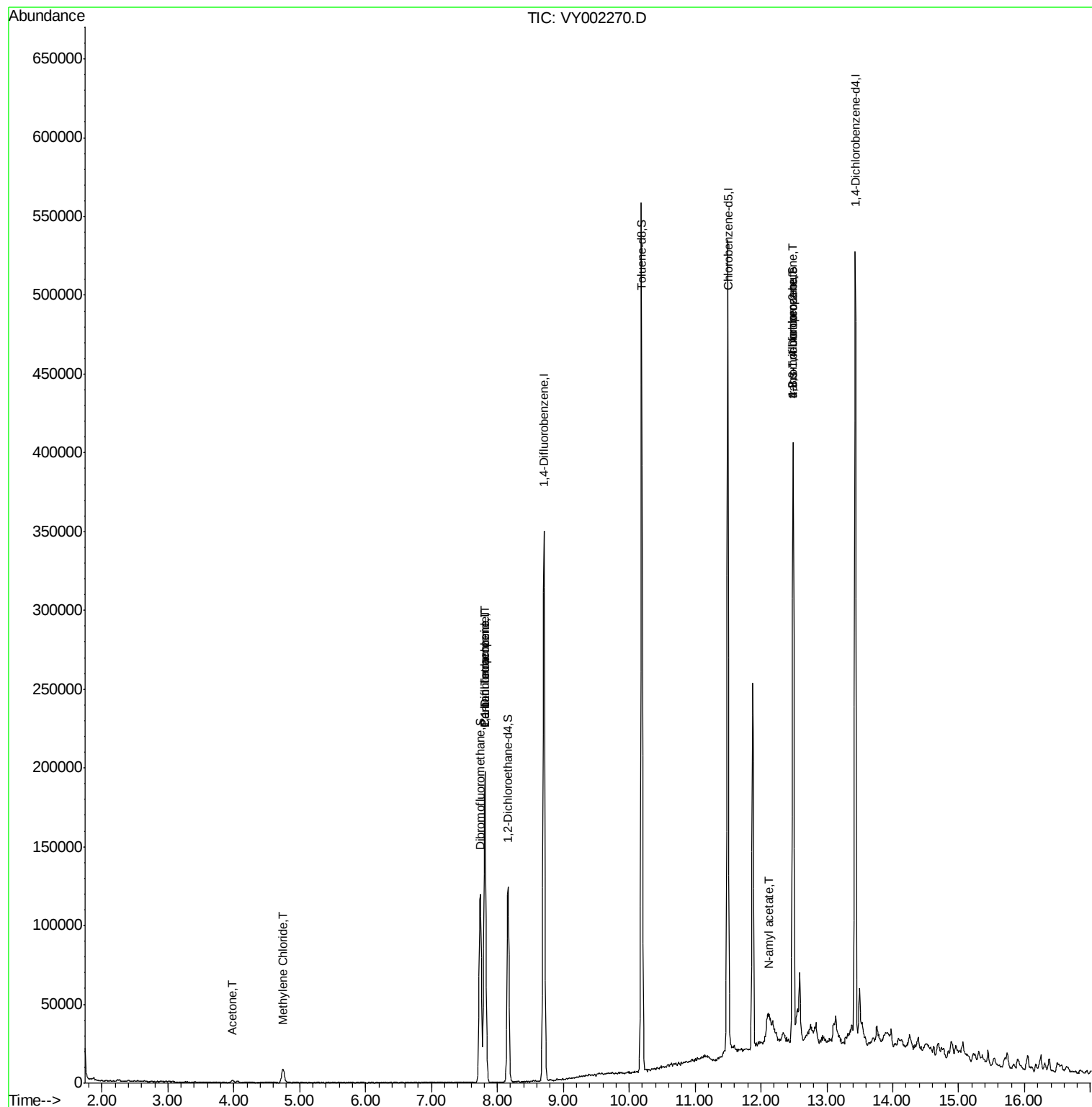
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	148540	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	299195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	89554	54.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.42%	
35) Dibromofluoromethane	7.74	113	88166	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.19	98	367145	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.49	95	129977	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	22	Below Cal	#	77
16) Acetone	3.98	43	2278	5.236	ug/l	91
20) Methylene Chloride	4.75	84	6700	3.133	ug/l #	88
36) 1,1-Dichloropropene	7.81	75	12258	4.159	ug/l #	49
38) Carbon Tetrachloride	7.81	117	16053	6.368	ug/l #	15
74) N-amyl acetate	12.13	43	13990	5.095	ug/l #	42
76) 1,2,3-Trichloropropane	12.49	75	64987	45.455	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64987	88.410	ug/l #	19

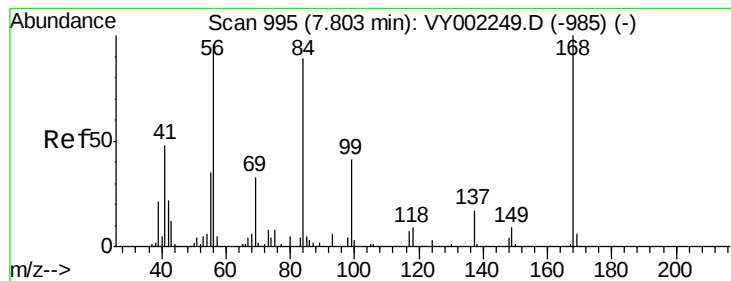
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002270.D

Acq: 09 Apr 2020 13:06

Instrument :

MSVOA_Y

ClientSampled :

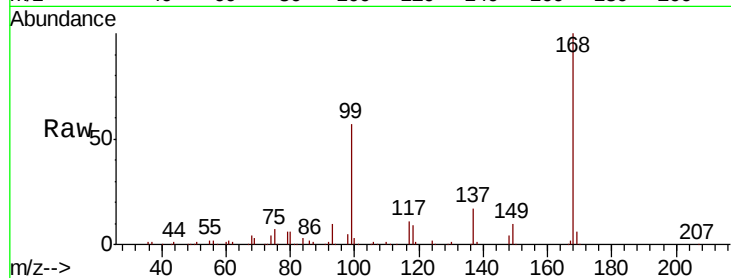
VNJ-223

Tot Ion:168 Resp: 148540

Ion Ratio Lower Upper

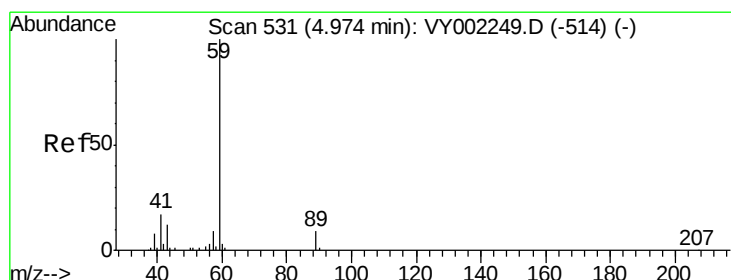
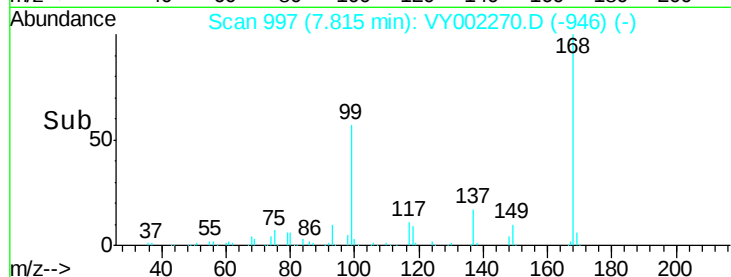
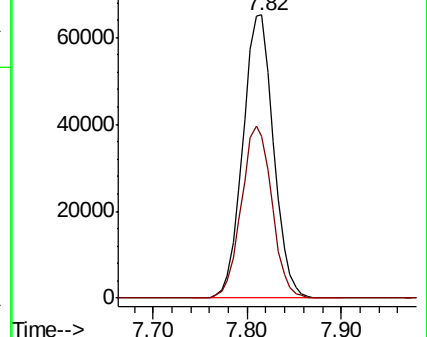
168 100

99 57.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002270.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002270.D (-946) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY002270.D

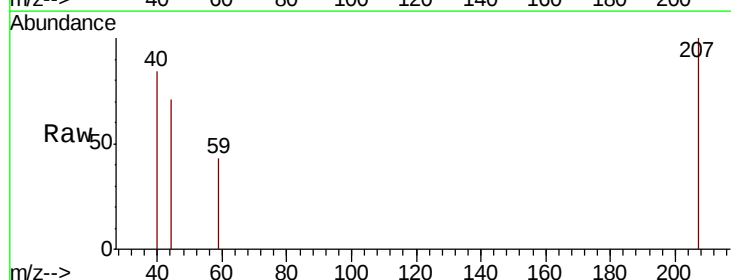
Acq: 09 Apr 2020 13:06

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

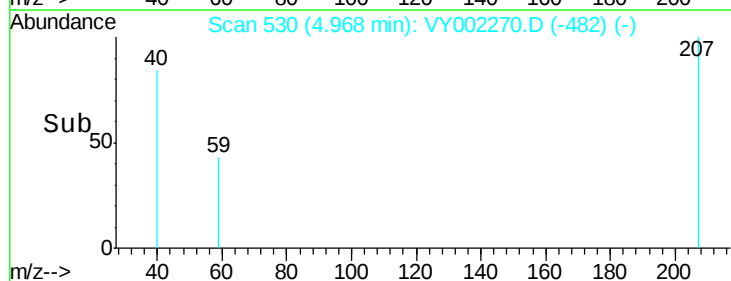
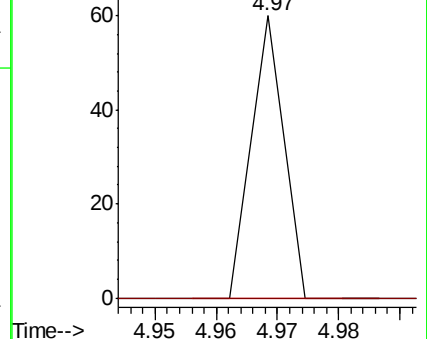
59 100

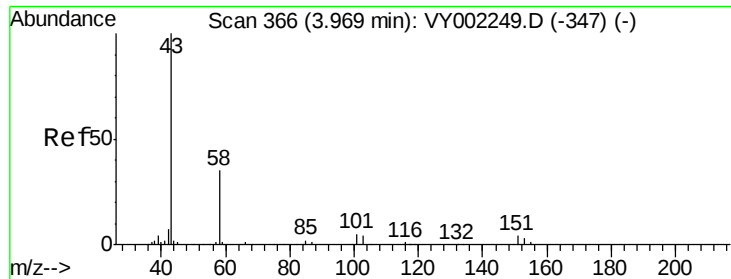
57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002270.D (-482) (-)

Ion 57.00 (56.70 to 57.70): VY002270.D (-482) (-)





#16

Acetone

Concen: 5.236 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002270.D

Acq: 09 Apr 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

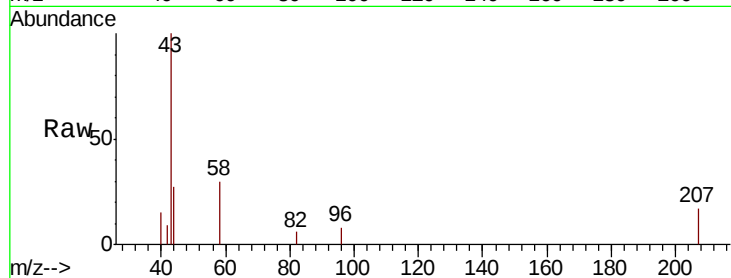
VNJ-223

Tot Ion: 43 Resp: 2278

Ion Ratio Lower Upper

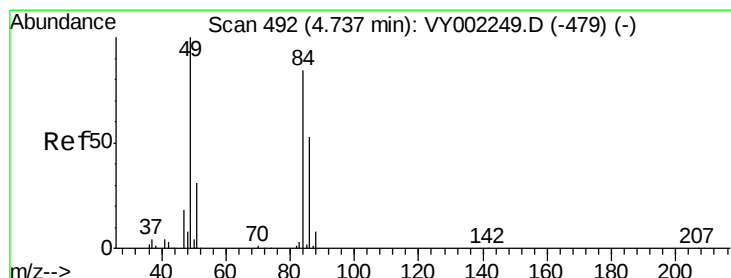
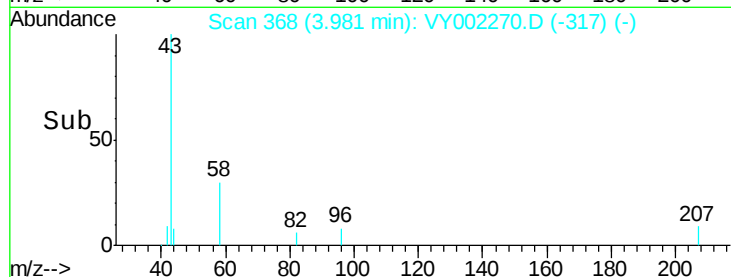
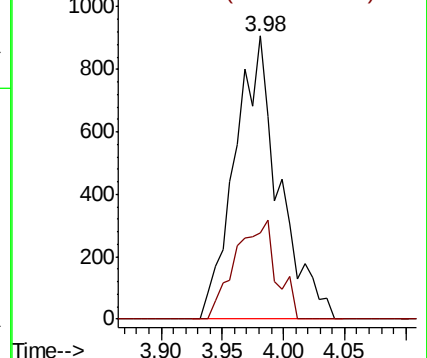
43 100

58 30.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 3.133 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002270.D

Acq: 09 Apr 2020 13:06

Tgt Ion: 84 Resp: 6700

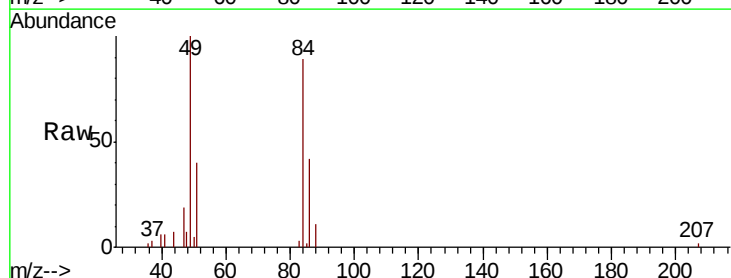
Ion Ratio Lower Upper

84 100

49 112.3 95.5 143.3

51 44.8 29.5 44.3#

86 46.9 50.7 76.1#

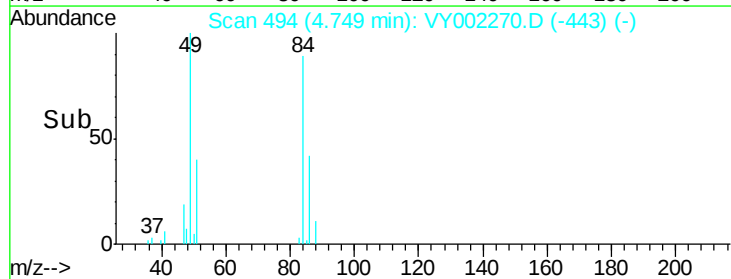
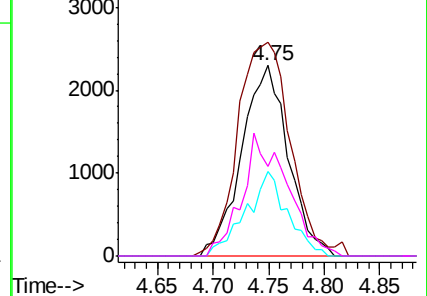


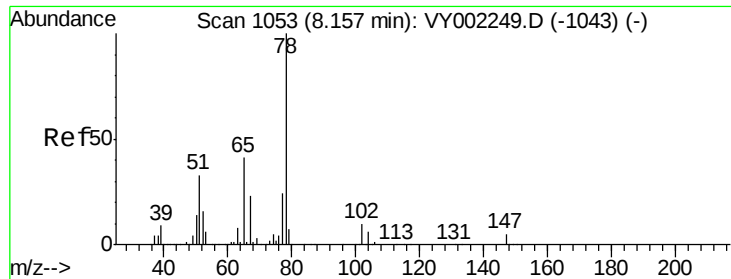
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

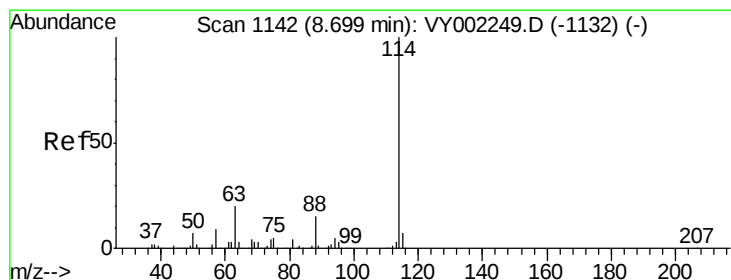
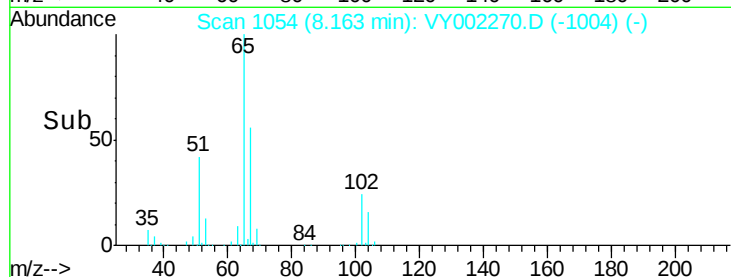
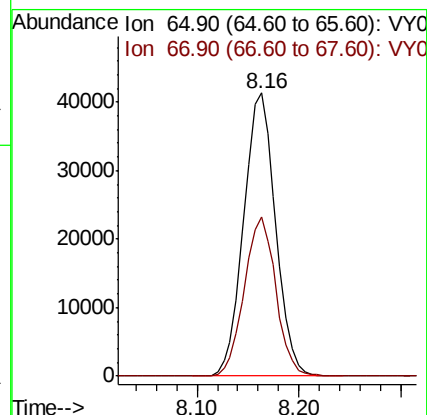
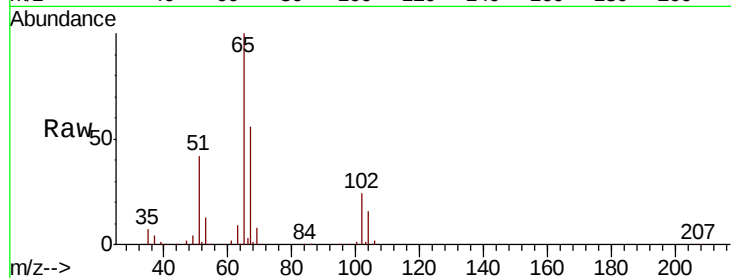




#33
 1,2-Dichloroethane-d4
 Concen: 54.214 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VY002270.D
 Acq: 09 Apr 2020 13:06

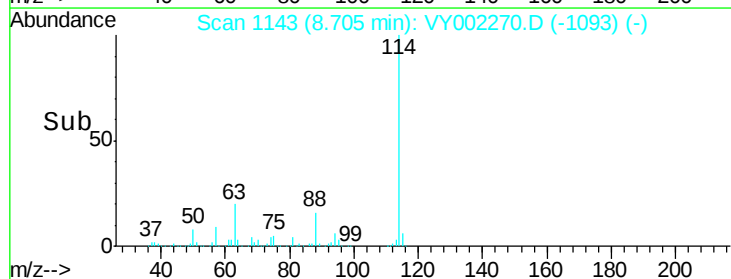
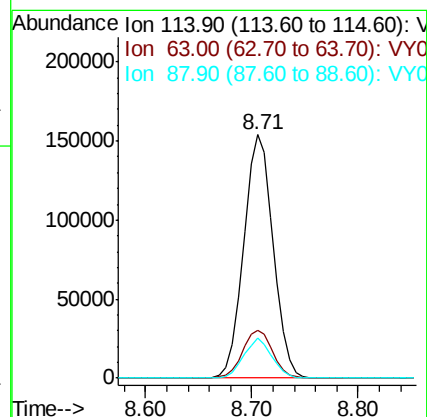
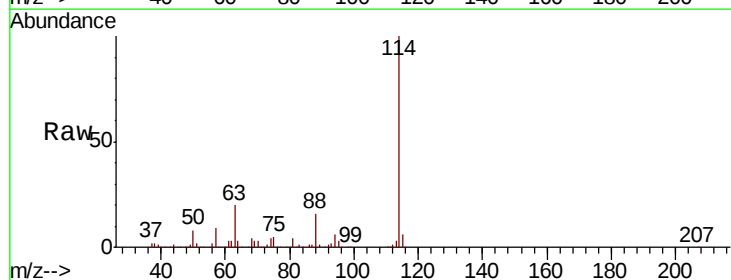
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

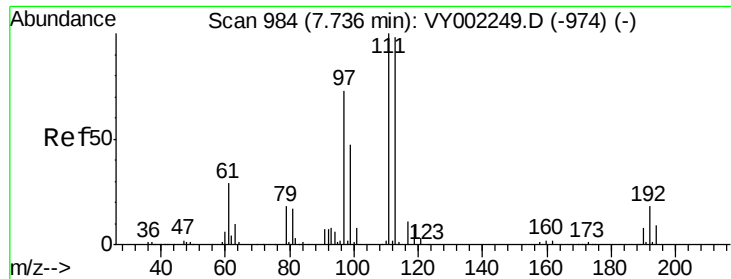
Tot Ion: 65 Resp: 89554
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002270.D
 Acq: 09 Apr 2020 13:06

Tgt Ion: 114 Resp: 299195
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 16.4 0.0 31.0

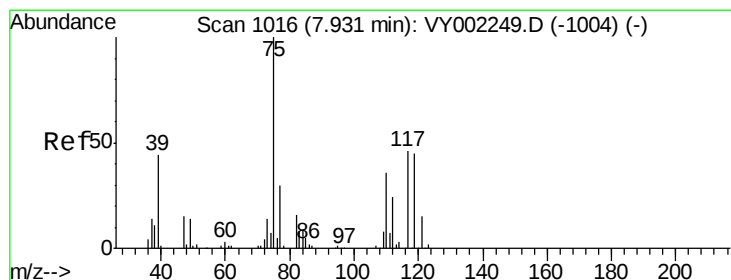
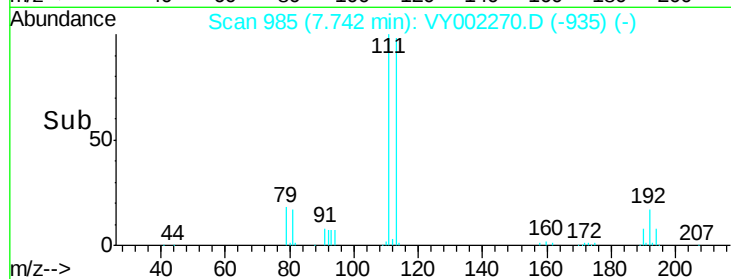
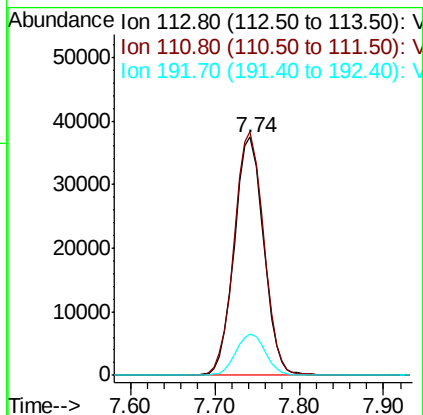
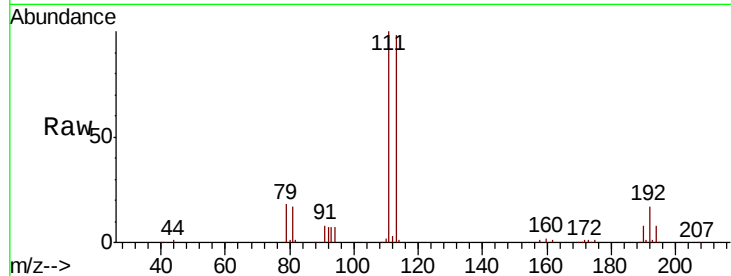




#35
 Dibromofluoromethane
 Concen: 49.523 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002270.D
 Acq: 09 Apr 2020 13:06

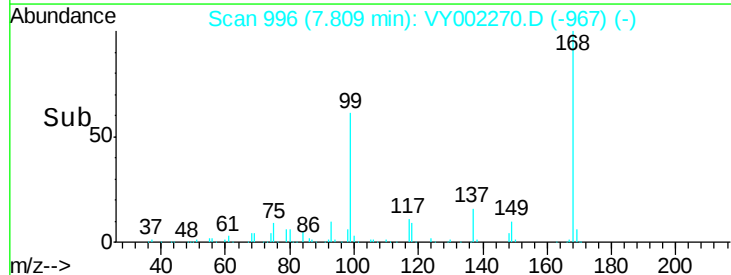
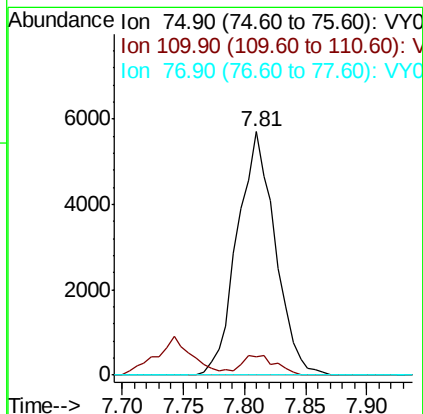
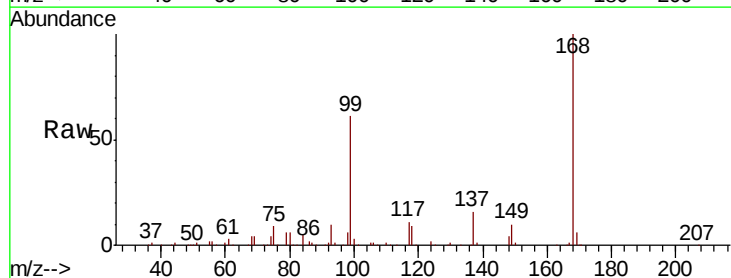
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

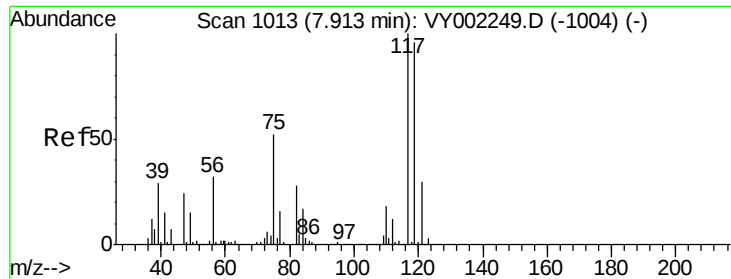
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	17.4	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.159 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002270.D
 Acq: 09 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.8	53.3#
77	0.0	24.4	36.6#

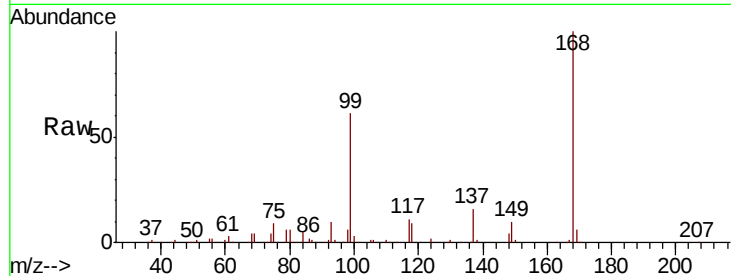




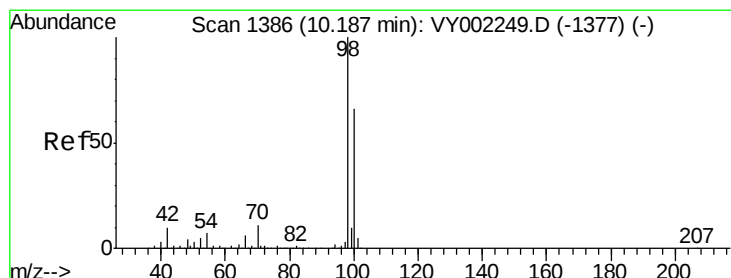
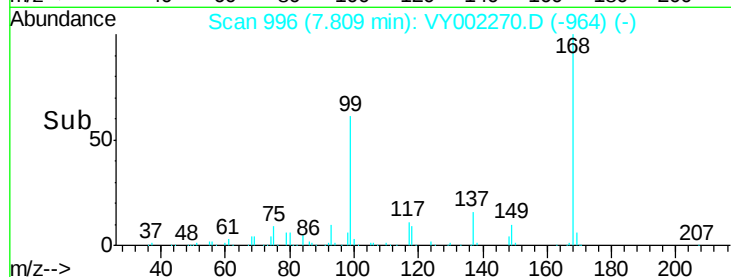
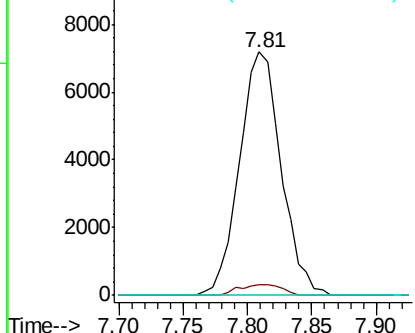
#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.10 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tot Ion:117 Resp: 16053
Ion Ratio Lower Upper
117 100
119 4.2 77.1 115.7#
121 0.0 23.9 35.9#

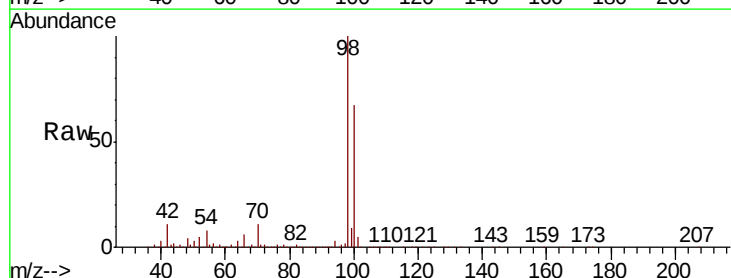


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

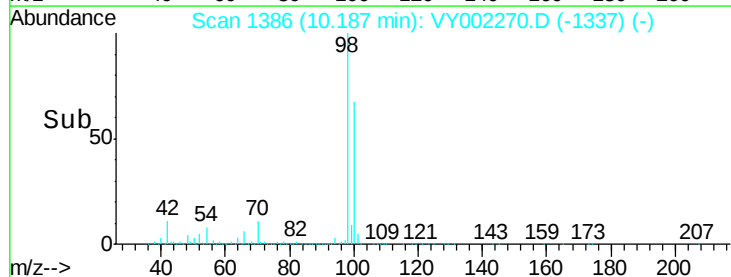
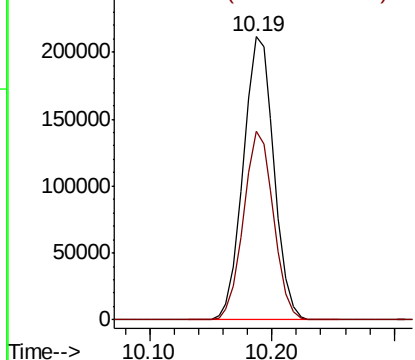


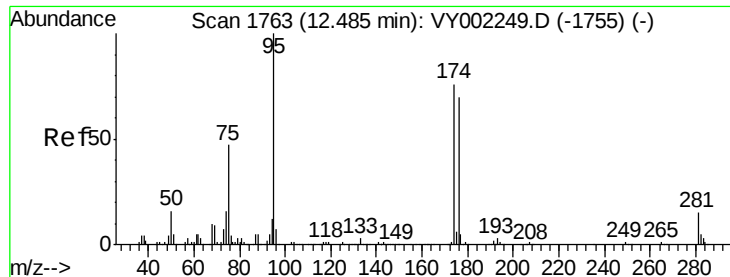
#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

Tgt Ion: 98 Resp: 367145
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

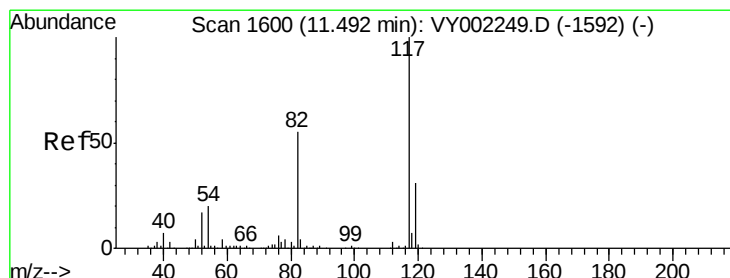
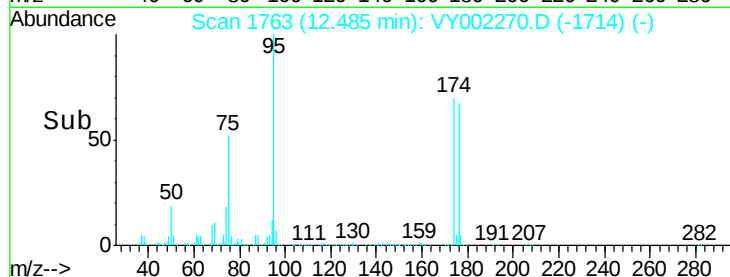
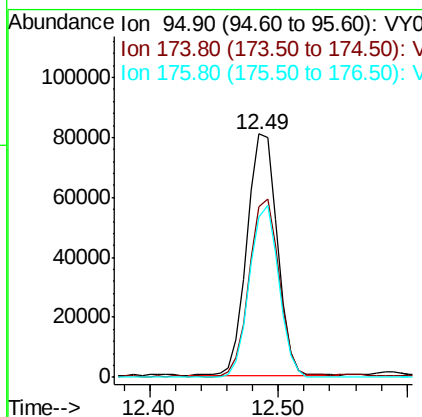
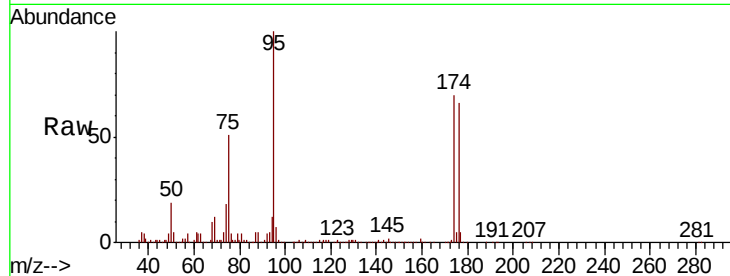




#62
4-Bromofluorobenzene
Concen: 52.871 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

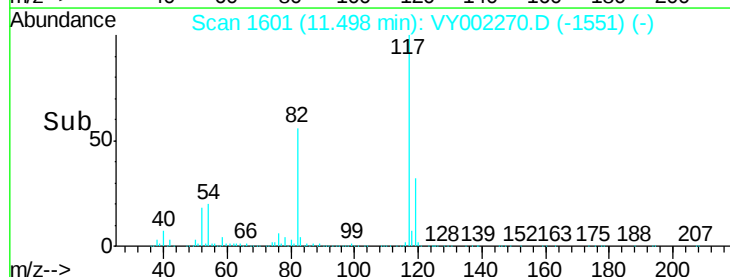
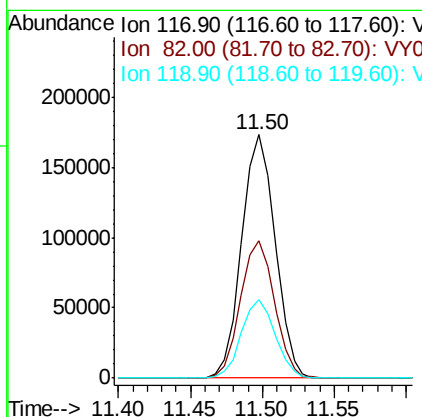
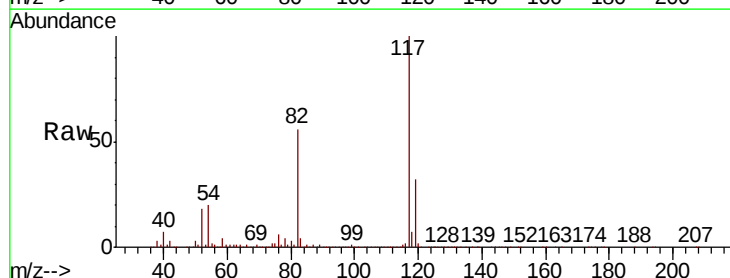
Instrument :
MSVOA_Y
ClientSampled :
VNJ-223

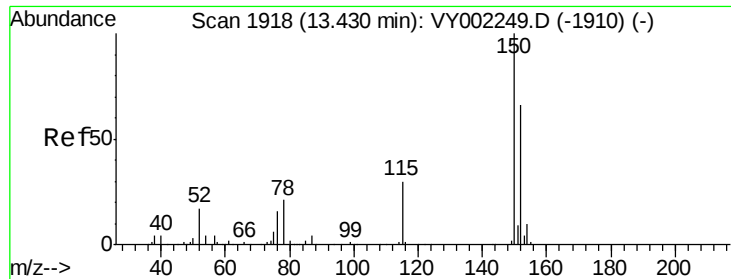
Tot Ion: 95 Resp: 129977
Ion Ratio Lower Upper
95 100
174 73.5 0.0 150.6
176 68.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

Tgt Ion: 117 Resp: 279594
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 32.0 25.1 37.7



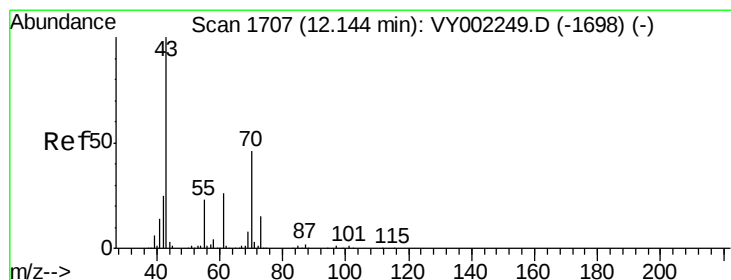
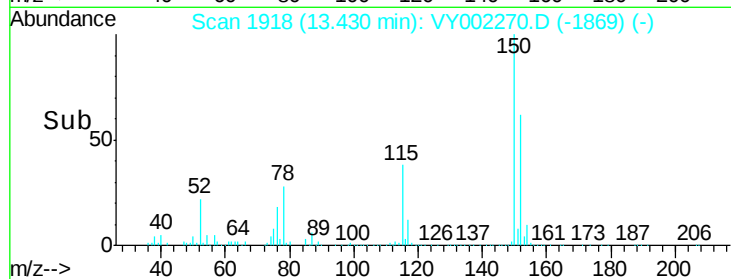
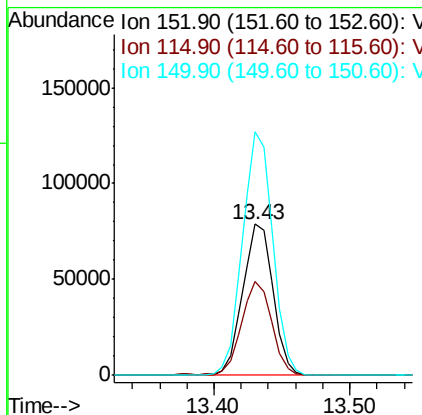
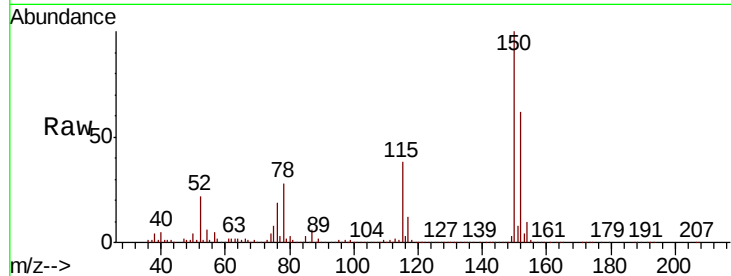


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

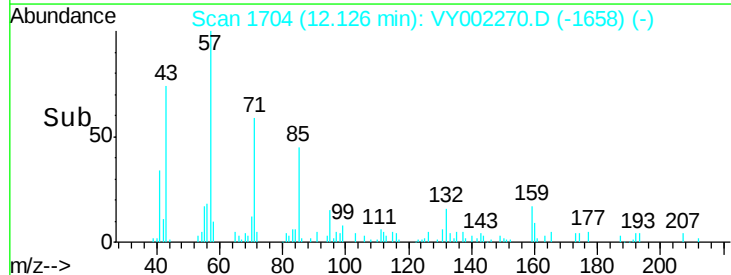
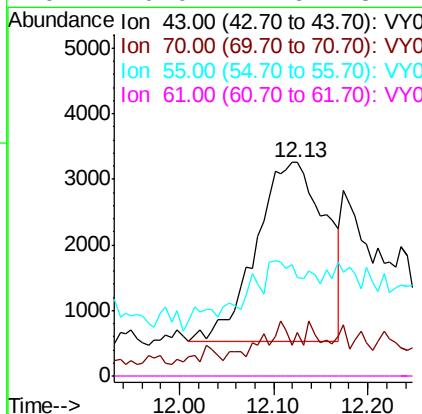
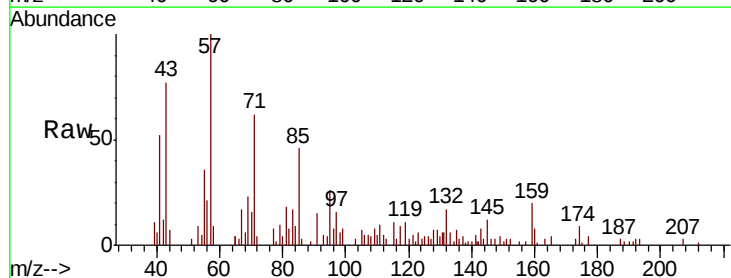
Tot Ion:152 Resp: 123120
Ion Ratio Lower Upper
152 100
115 61.3 30.7 92.1
150 159.5 0.0 350.6

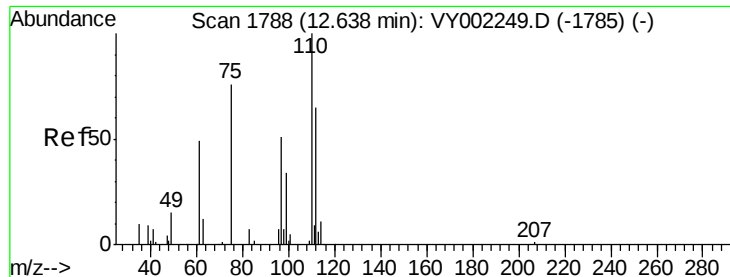


#74

N-ethyl acetate
Concen: 5.095 ug/l
RT: 12.13 min Scan# 1704
Delta R.T. -0.02 min
Lab File: VY002270.D
Acq: 09 Apr 2020 13:06

Tgt Ion: 43 Resp: 13990
Ion Ratio Lower Upper
43 100
70 3.4 37.5 56.3#
55 0.0 19.0 28.6#
61 0.0 21.6 32.4#





#76

1,2,3-Trichloropropane

Concen: 45.455 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002270.D

Acq: 09 Apr 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

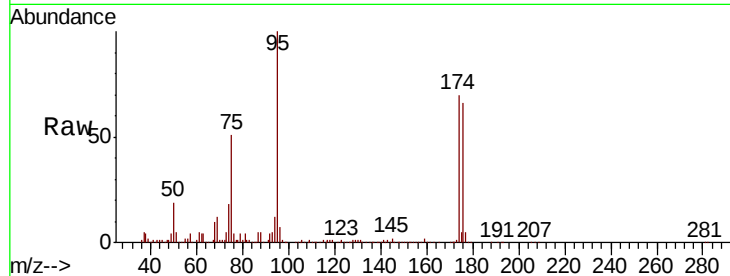
VNJ-223

Tot Ion: 75 Resp: 64987

Ion Ratio Lower Upper

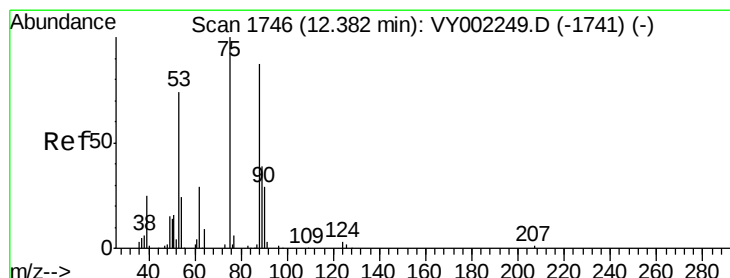
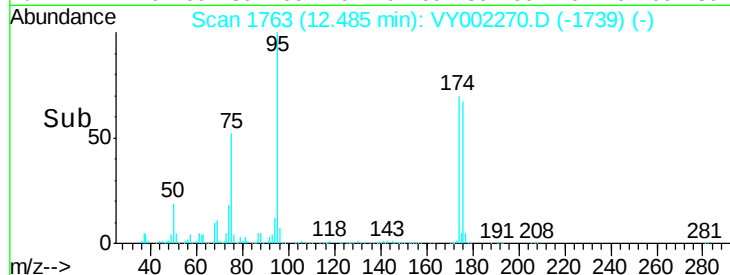
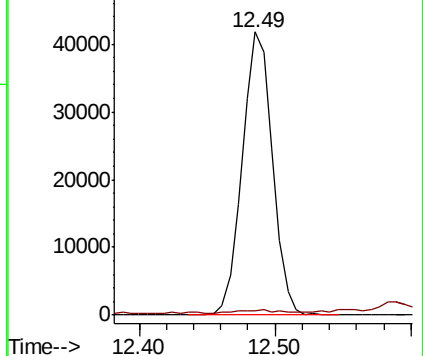
75 100

77 1.9 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: 88.410 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002270.D

Acq: 09 Apr 2020 13:06

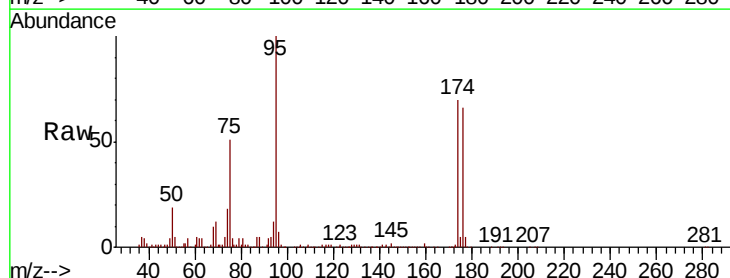
Tgt Ion: 75 Resp: 64987

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.3 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

