

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
 Data File : VY001070.D
 Acq On : 26 Dec 2019 14:30
 Operator : SY/MD
 Sample : K6431-06
 Misc : 6.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(4-5)

Quant Time: Dec 27 02:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

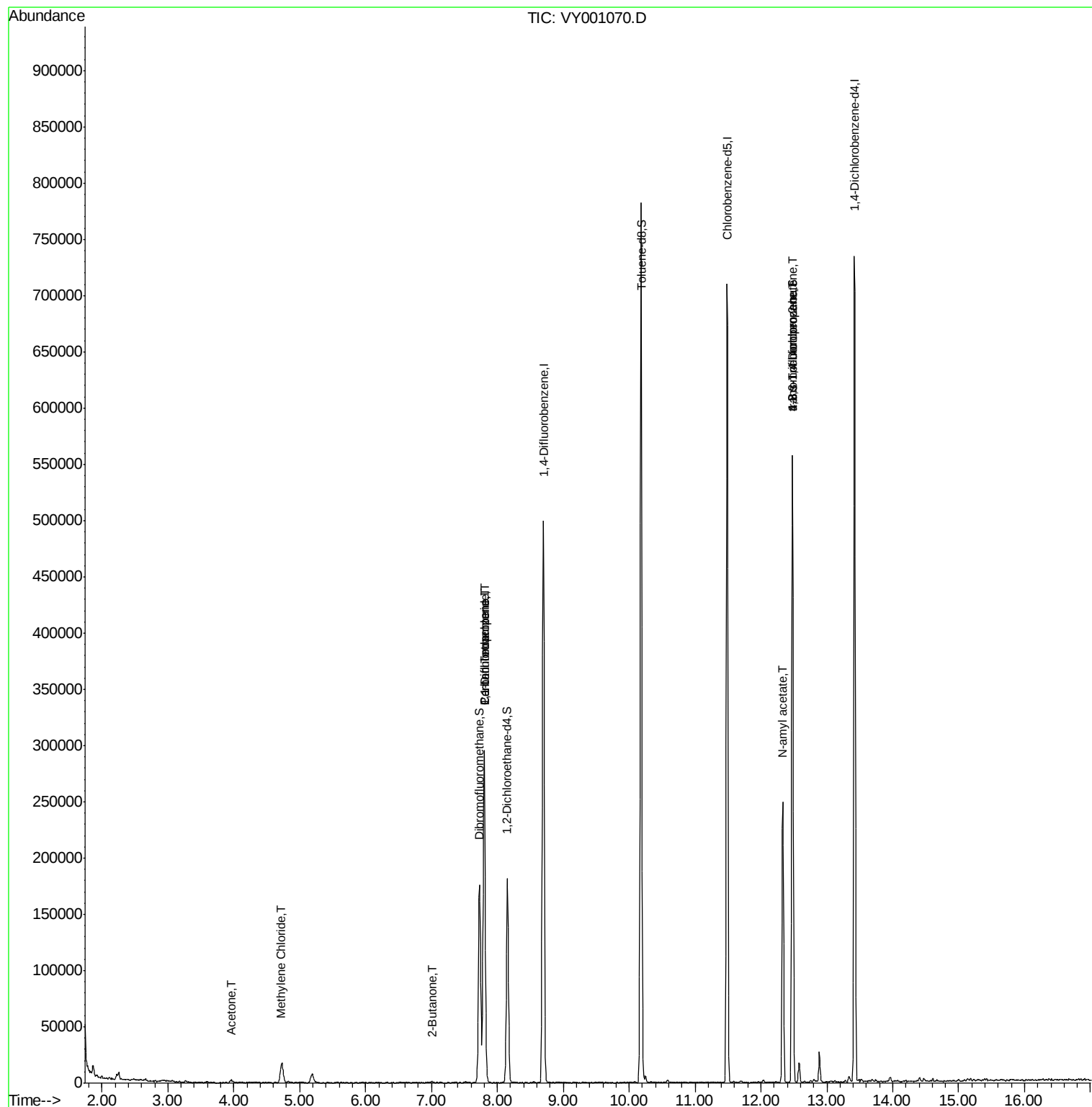
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	443309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	400938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	184442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130339	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	7.73	113	127325	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	10.18	98	528332	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	177056	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
Target Compounds						
16) Acetone	3.96	43	3853	7.203	ug/l	90
20) Methylene Chloride	4.72	84	13568	4.309	ug/l #	86
25) 2-Butanone	7.00	43	1014	1.079	ug/l	96
36) 1,1-Dichloropropene	7.80	75	18193	4.302	ug/l #	50
38) Carbon Tetrachloride	7.80	117	22917	6.185	ug/l #	18
74) N-amyl acetate	12.33	43	5233	1.396	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	88742	39.028	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88742	83.238	ug/l #	19

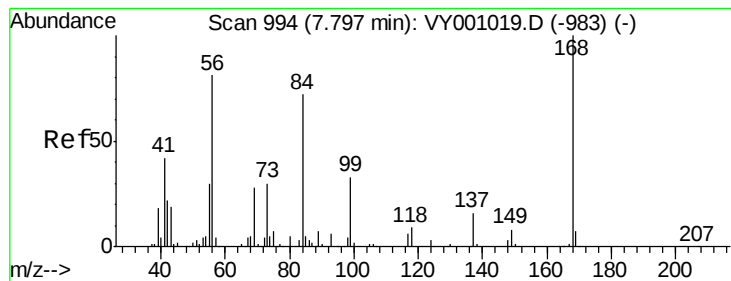
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122619\
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Quant Title : SW846 8260
QLast Update : Mon Dec 23 12:07:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Instrument :

MSVOA_Y

ClientSampleId :

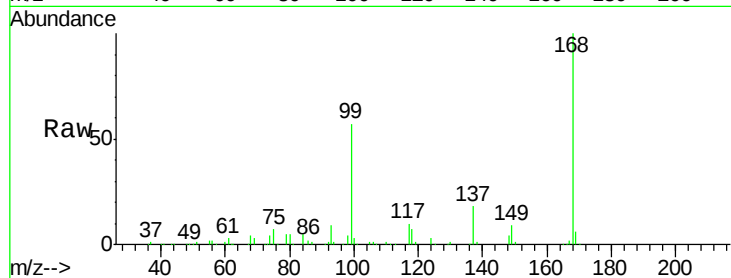
SB-3-(4-5)

Tgt Ion:168 Resp: 235435

Ion Ratio Lower Upper

168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

100000

80000

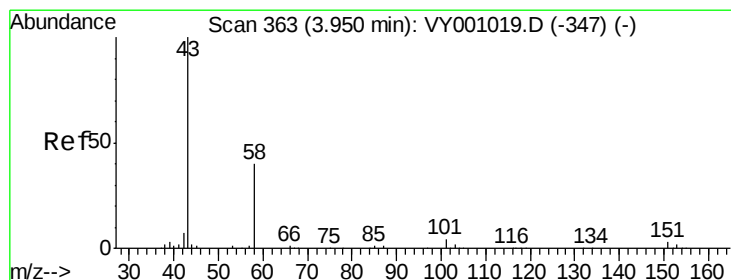
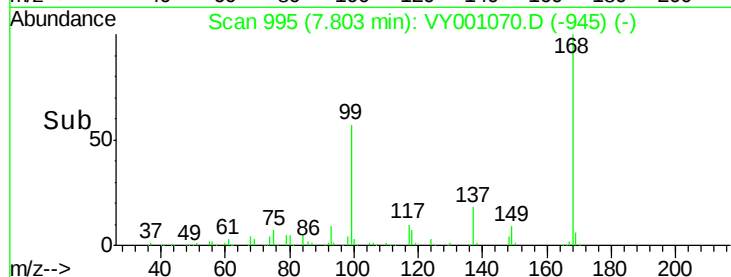
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.203 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001070.D

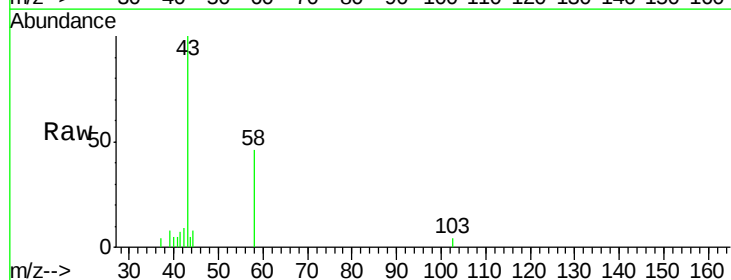
Acq: 26 Dec 2019 14:30

Tgt Ion: 43 Resp: 3853

Ion Ratio Lower Upper

43 100

58 46.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.96

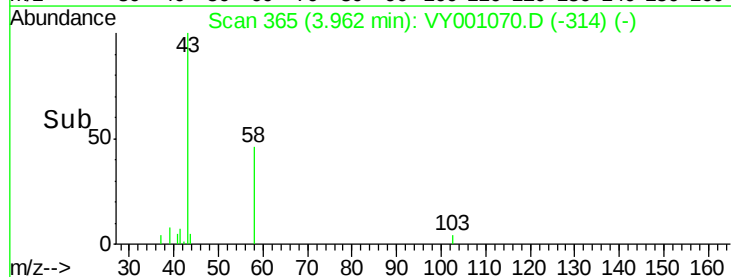
1500

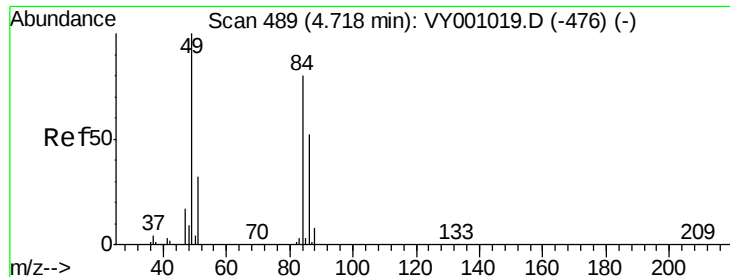
1000

500

0

Time-->

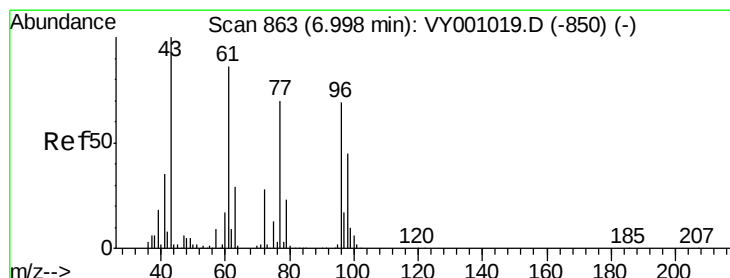
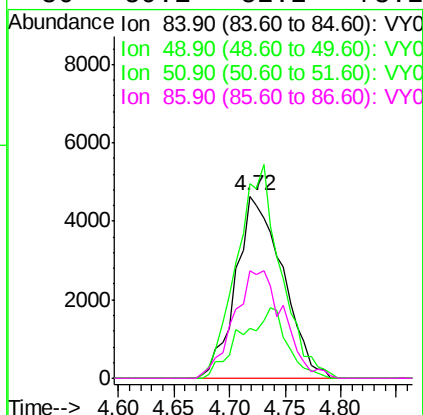
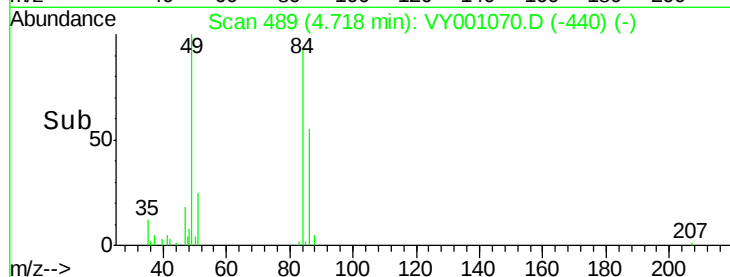
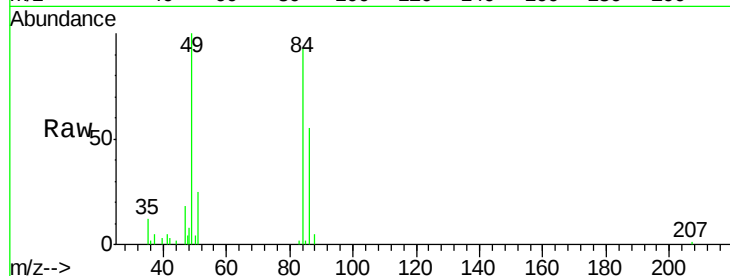




#20
Methylene Chloride
Concen: 4.309 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001070.D
Acq: 26 Dec 2019 14:30

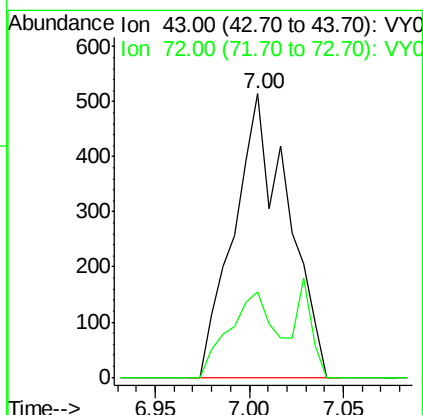
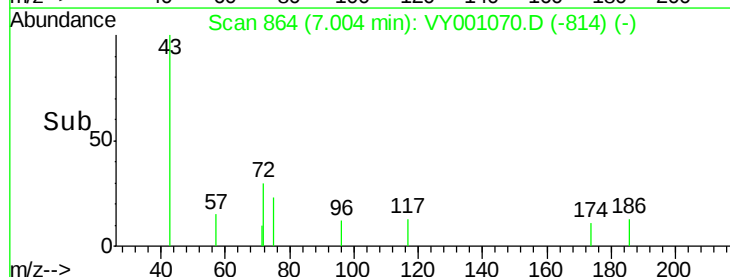
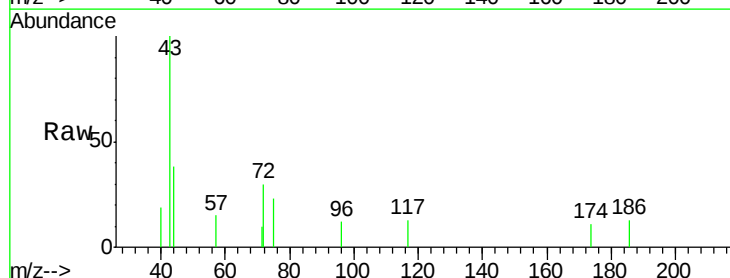
Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(4-5)

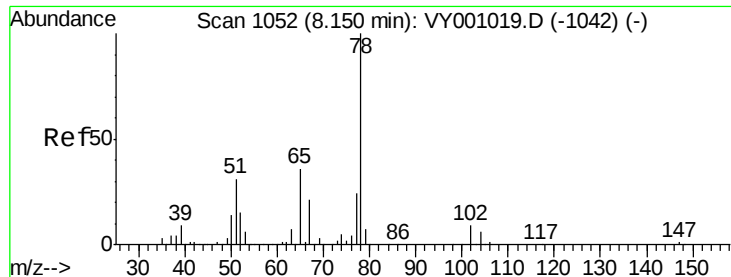
Tgt Ion: 84 Resp: 13568
Ion Ratio Lower Upper
84 100
49 107.0 99.8 149.6
51 27.2 31.4 47.2#
86 59.1 52.2 78.2



#25
2-Butanone
Concen: 1.079 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001070.D
Acq: 26 Dec 2019 14:30

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
72 30.2 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 56.131 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Instrument :

MSVOA_Y

ClientSampleId :

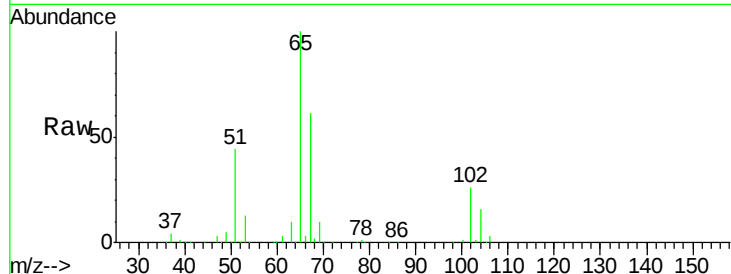
SB-3-(4-5)

Tgt Ion: 65 Resp: 130339

Ion Ratio Lower Upper

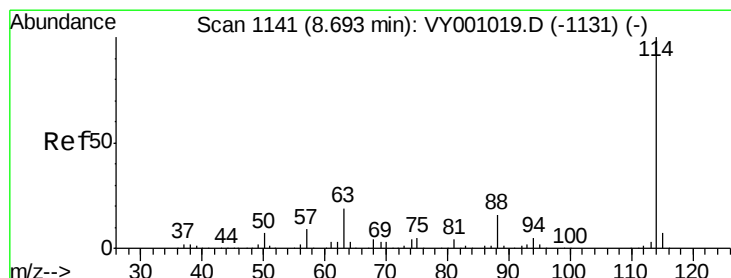
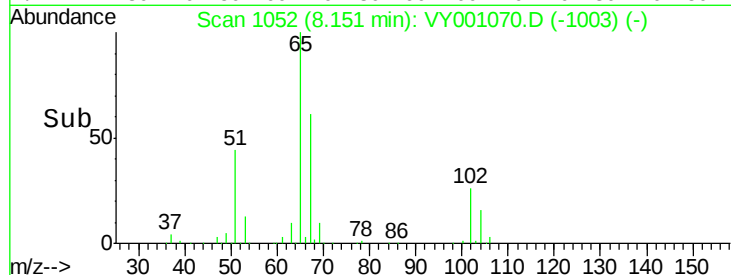
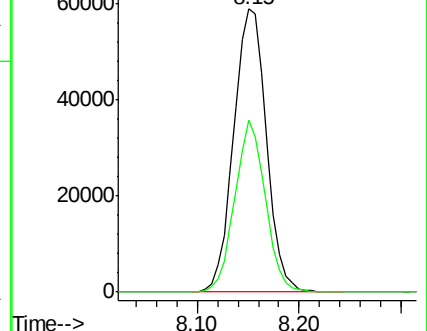
65 100

67 56.7 0.0 112.8



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: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

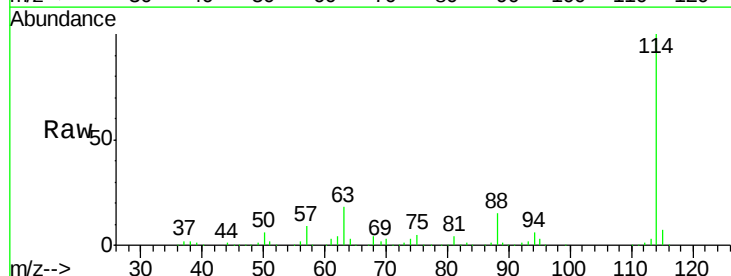
Tgt Ion: 114 Resp: 443309

Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.0

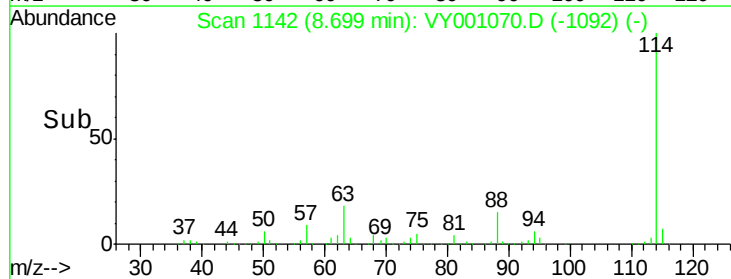
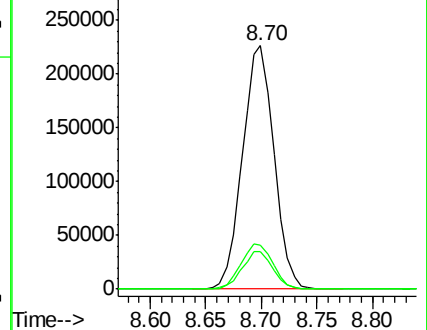
88 15.3 0.0 32.0

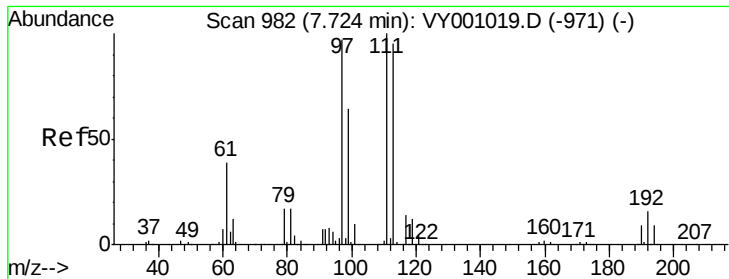


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.775 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(4-5)

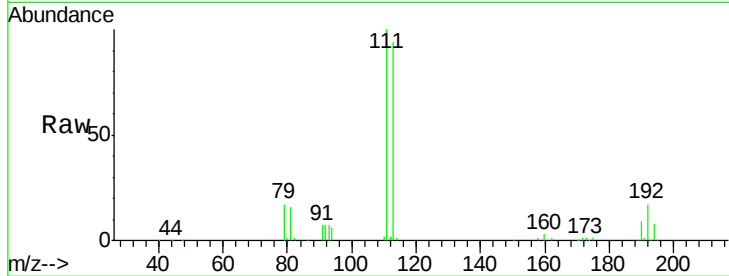
Tgt Ion:113 Resp: 127325

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

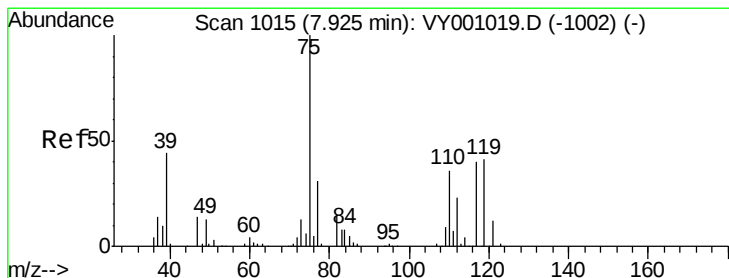
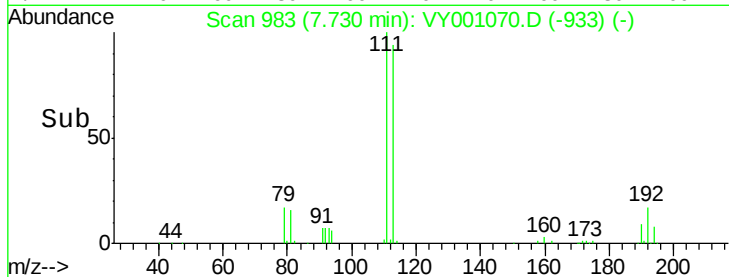
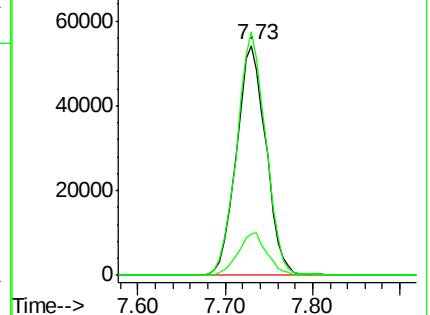
192 18.2 14.6 21.8



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: 4.302 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

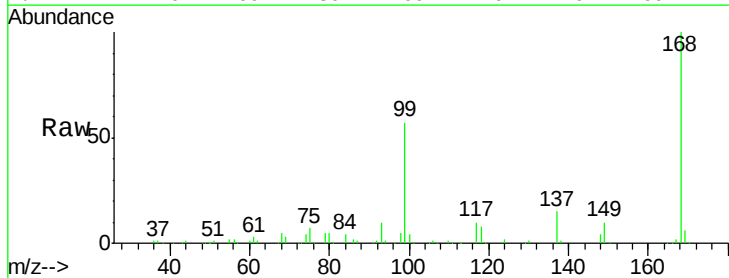
Tgt Ion: 75 Resp: 18193

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

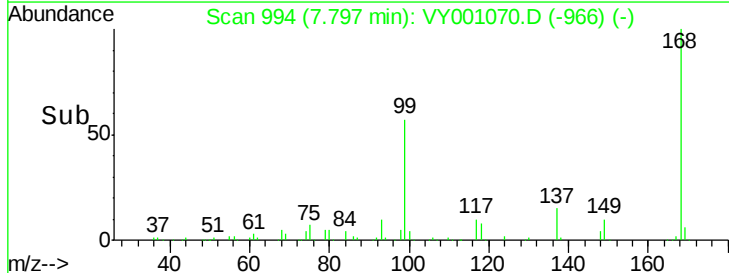
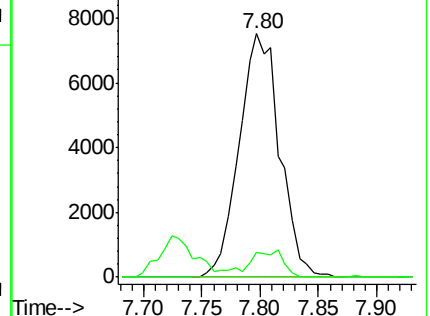
77 0.0 24.6 37.0#

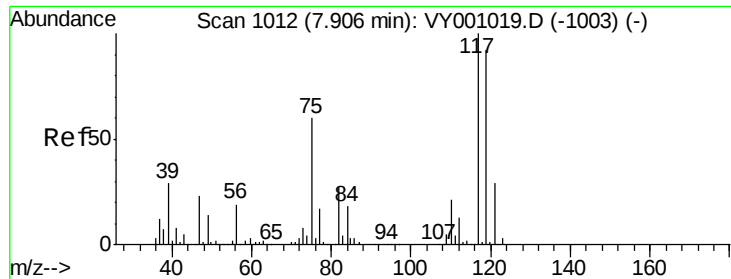


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 6.185 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(4-5)

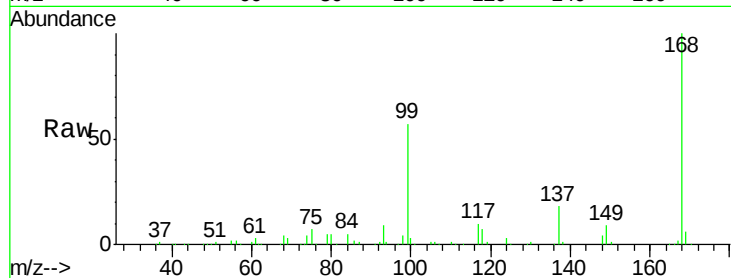
Tgt Ion:117 Resp: 22917

Ion Ratio Lower Upper

117 100

119 5.4 74.2 111.2#

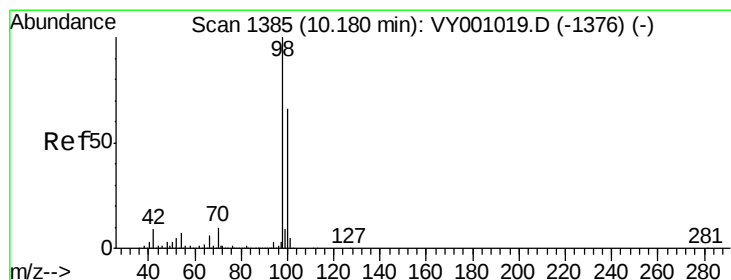
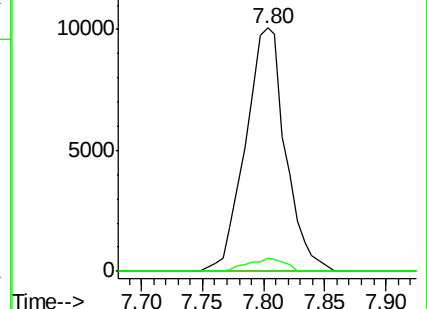
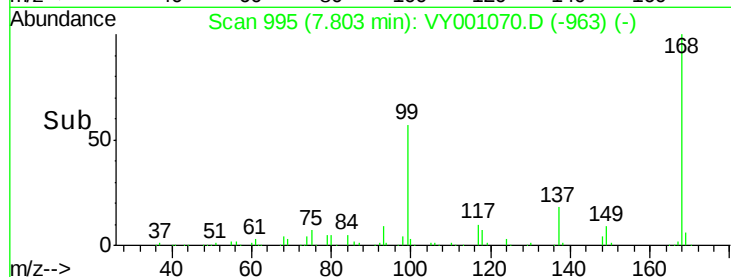
121 0.0 22.9 34.3#



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: 51.789 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001070.D

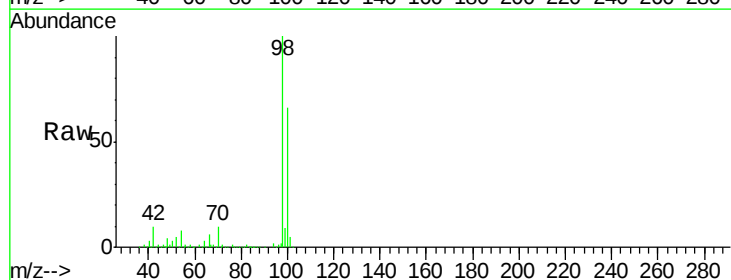
Acq: 26 Dec 2019 14:30

Tgt Ion: 98 Resp: 528332

Ion Ratio Lower Upper

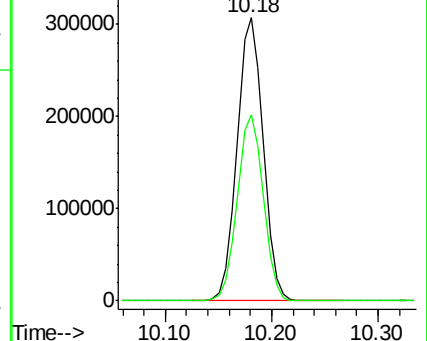
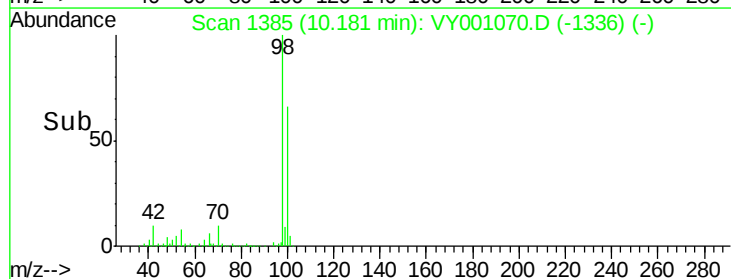
98 100

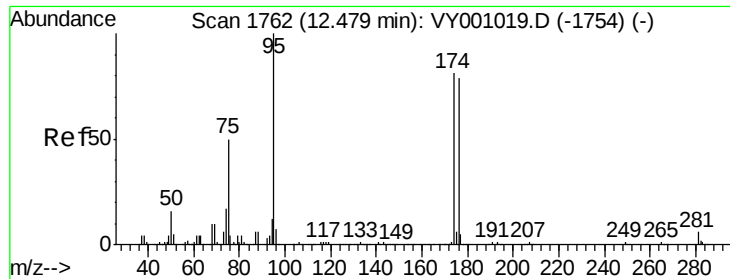
100 65.7 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

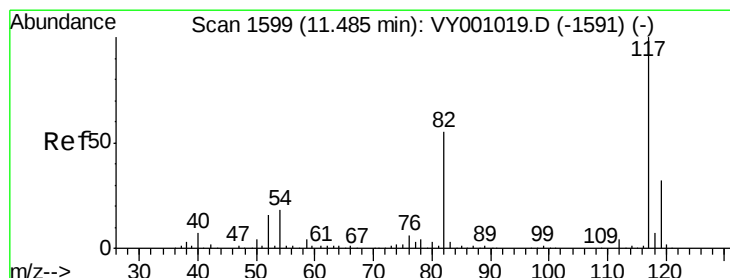
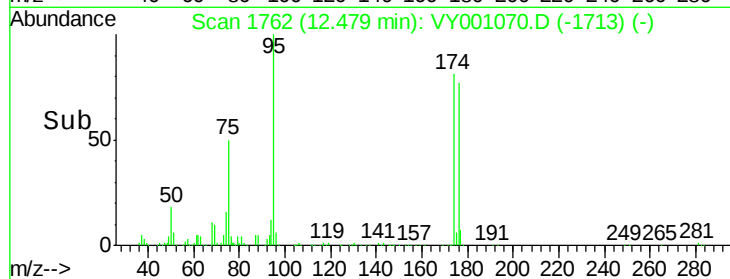
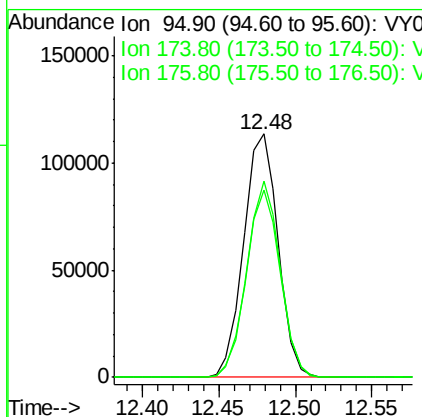
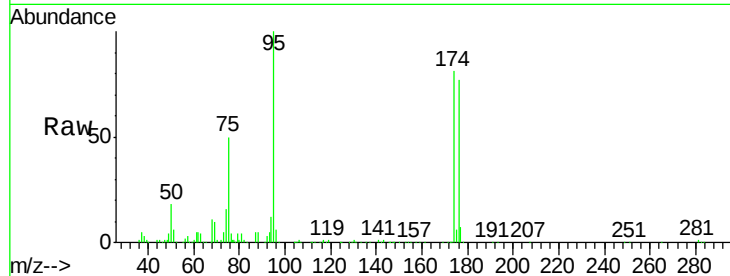




#62
4-Bromofluorobenzene
Concen: 47.470 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001070.D
Acq: 26 Dec 2019 14:30

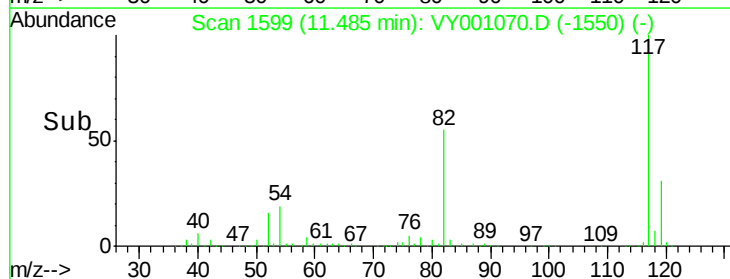
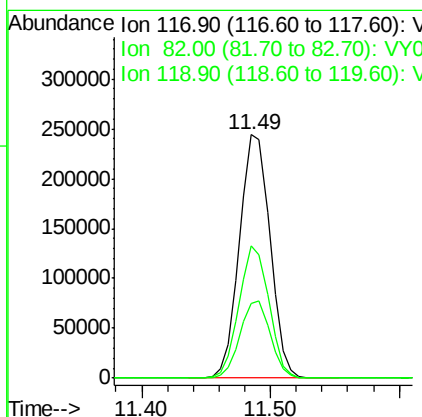
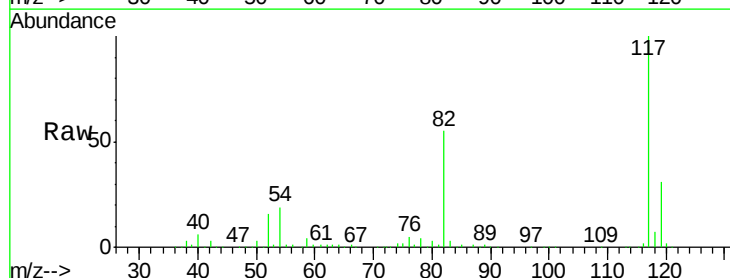
Instrument :
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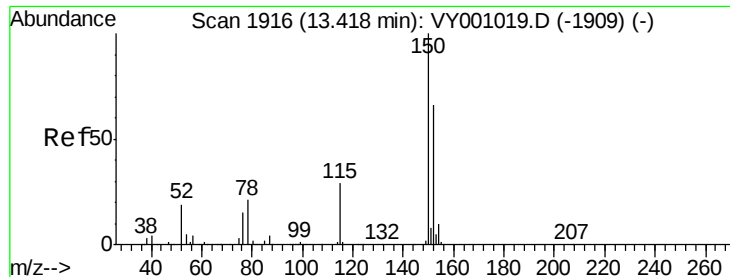
Tgt Ion: 95 Resp: 177056
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.4
176 76.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001070.D
Acq: 26 Dec 2019 14:30

Tgt Ion: 117 Resp: 400938
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 30.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(4-5)

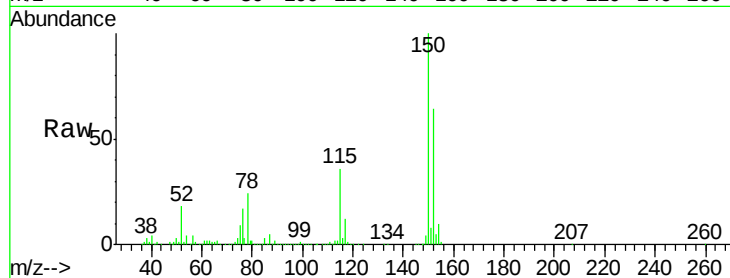
Tgt Ion: 152 Resp: 184442

Ion Ratio Lower Upper

152 100

115 59.0 29.8 89.3

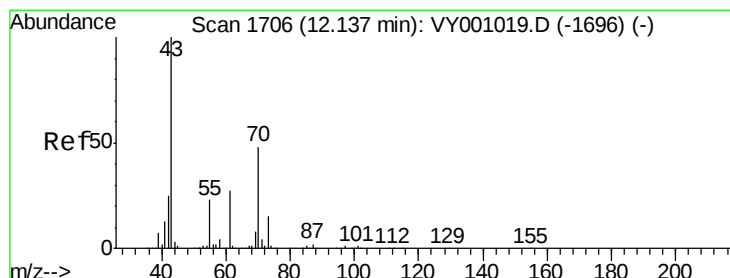
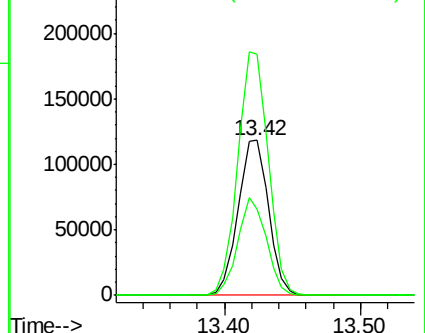
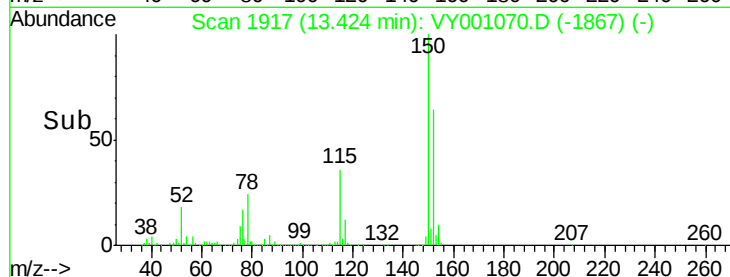
150 157.8 0.0 352.6



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



#74

N-ethyl acetate

Concen: 1.396 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.20 min

Lab File: VY001070.D

Acq: 26 Dec 2019 14:30

Tgt Ion: 43 Resp: 5233

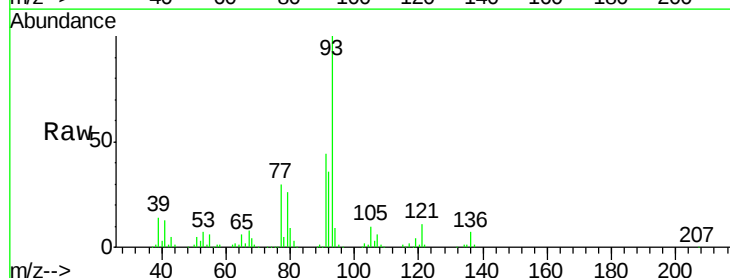
Ion Ratio Lower Upper

43 100

70 1.5 39.0 58.6#

55 102.6 19.5 29.3#

61 0.0 22.0 33.0#

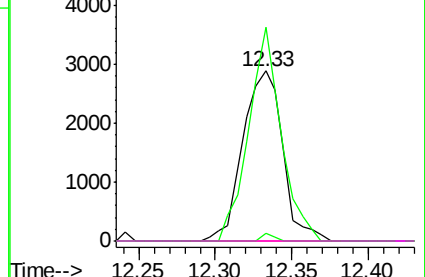
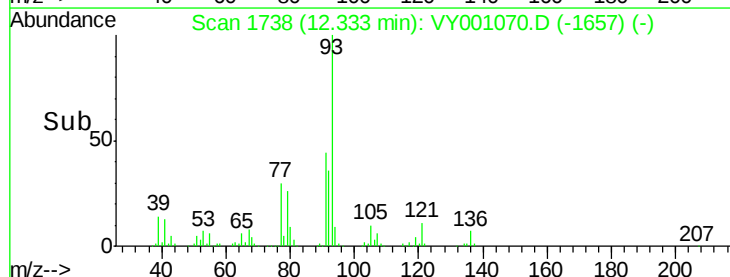


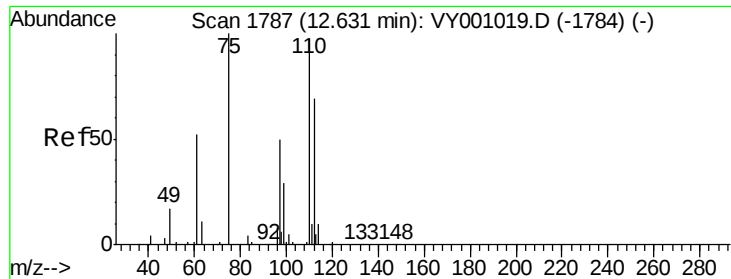
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

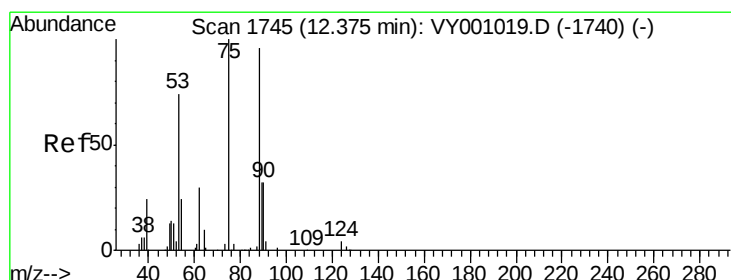
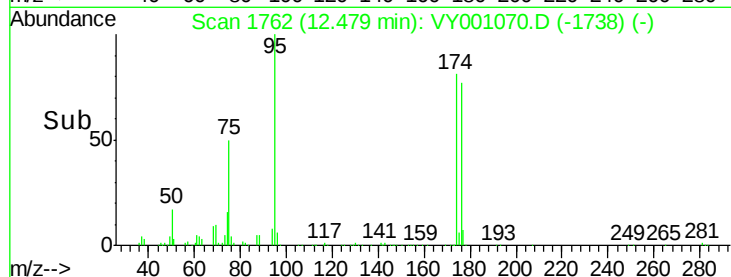
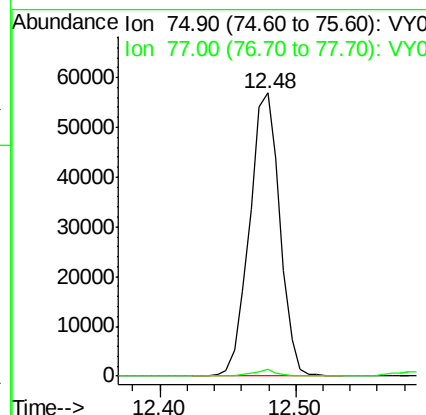
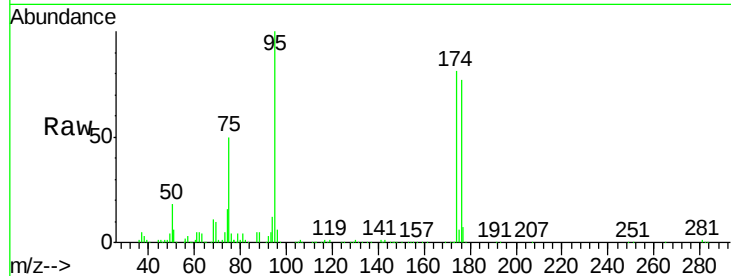




#76
 1,2,3-Trichloropropane
 Concen: 39.028 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY001070.D
 Acq: 26 Dec 2019 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(4-5)

Tgt Ion: 75 Resp: 88742
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.238 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY001070.D
 Acq: 26 Dec 2019 14:30

Tgt Ion: 75 Resp: 88742
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.6 91.0#
 89 0.1 35.4 53.0#

