

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001273.D
 Acq On : 17 Jan 2020 18:17
 Operator : SY/MD
 Sample : L1142-01
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Manual Integrations
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 1/20/2020 11:06:56 AM

Quant Time: Jan 18 04:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	158131	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.72	114	277038	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	214684	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.41	152	216523m	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	88407	52.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.76	113	83525	51.49	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	10.20	98	480519	76.88	ug/l	0.02
Spiked Amount 50.000			Recovery	=	153.76%	
62) 4-Bromofluorobenzene	12.50	95	1333655m	521.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	1043.88%	
Target Compounds						
16) Acetone	3.99	43	29216	75.323	ug/l	99
17) Carbon Disulfide	4.24	76	28670	5.480	ug/l	96
25) 2-Butanone	7.03	43	6517	10.796	ug/l #	84
39) Methylcyclohexane	9.21	83	60839	17.772	ug/l #	71
83) tert-Butylbenzene	13.09	119	523193m	45.845	ug/l	
85) sec-Butylbenzene	13.27	105	818571	49.859	ug/l #	77

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

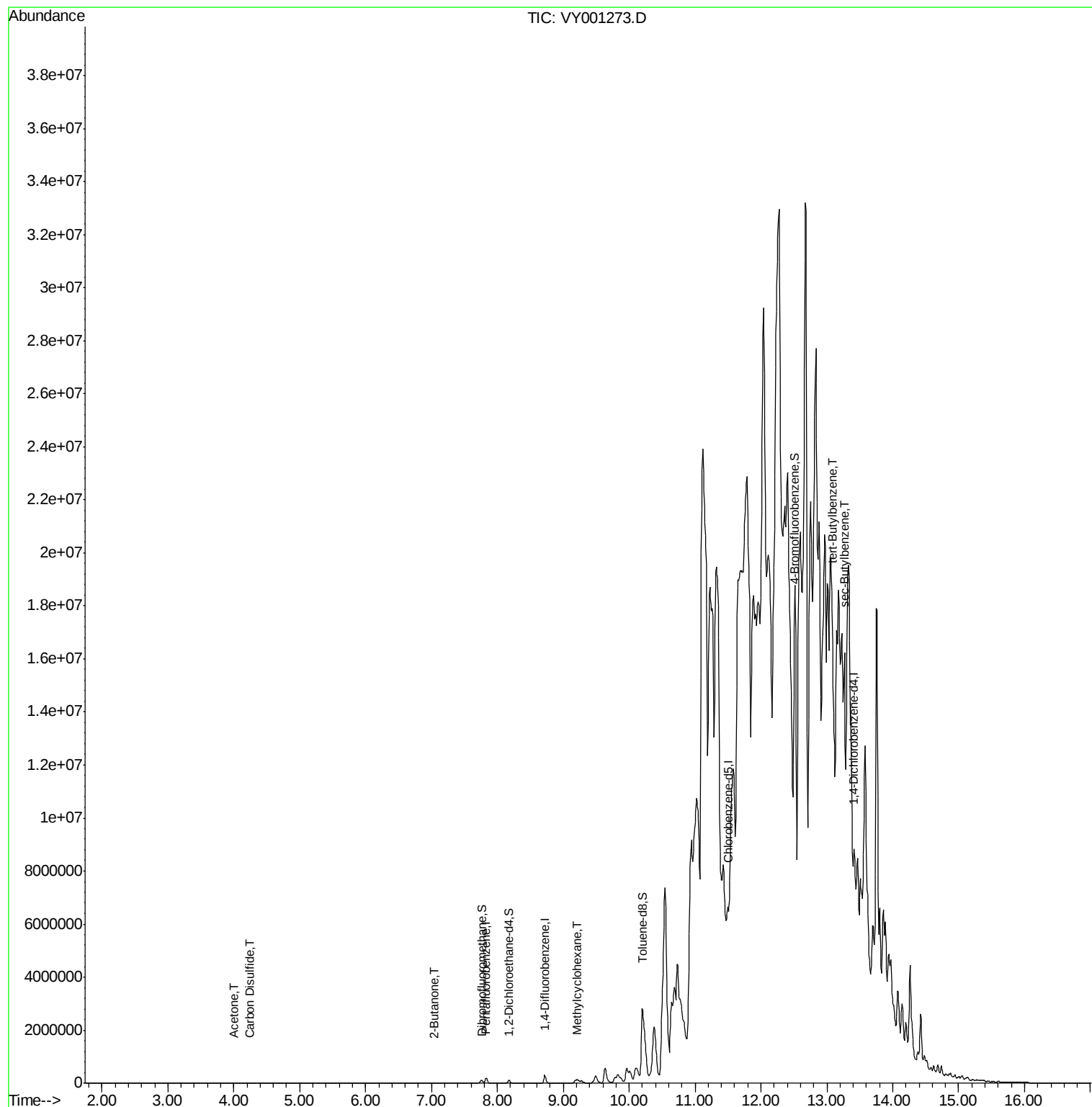
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
Data File : VY001273.D
Acq On : 17 Jan 2020 18:17
Operator : SY/MD
Sample : L1142-01
Misc : 7.27G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

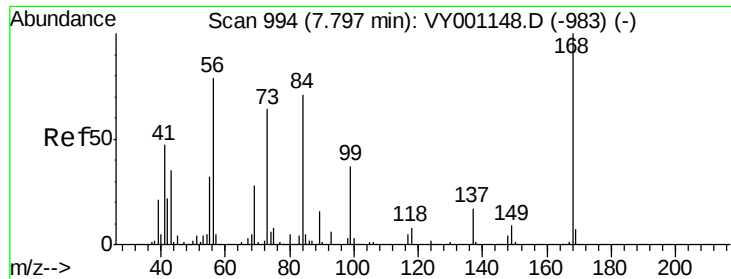
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

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Quant Time: Jan 18 04:25:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

Tot Ion:168 Resp: 158131

Ion Ratio Lower Upper

168 100

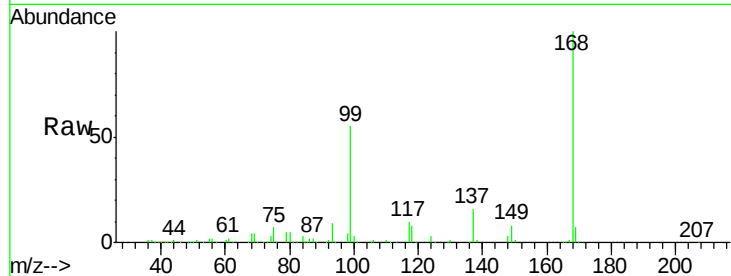
99 54.9 47.9 71.9

Manual Integrations

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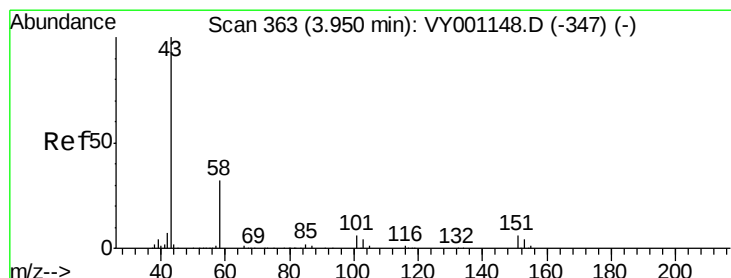
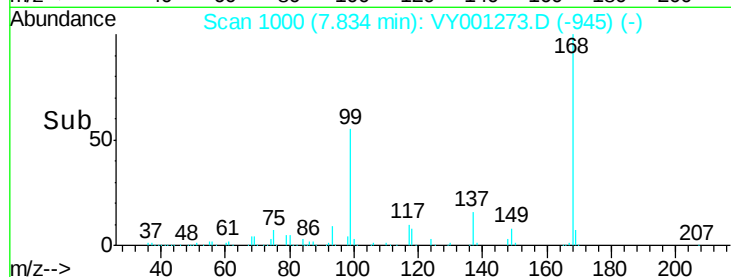
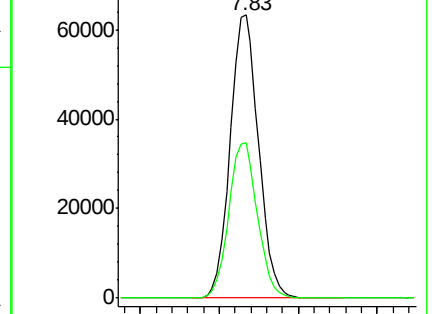
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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#16

Acetone

Concen: 75.323 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001273.D

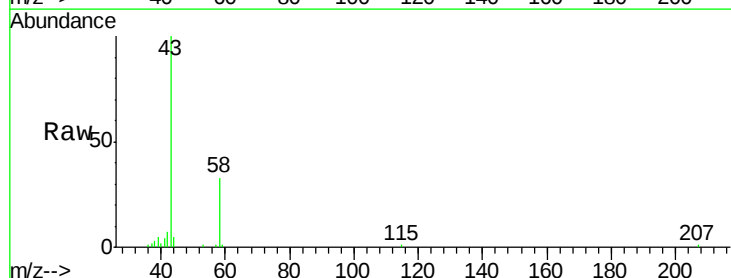
Acq: 17 Jan 2020 18:17

Tgt Ion: 43 Resp: 29216

Ion Ratio Lower Upper

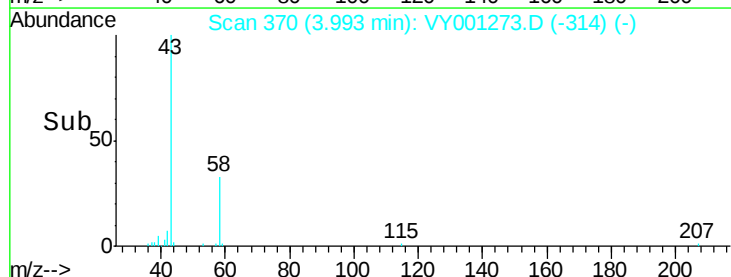
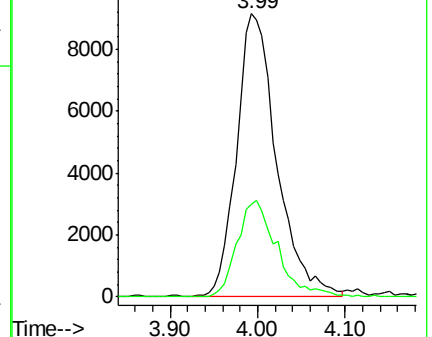
43 100

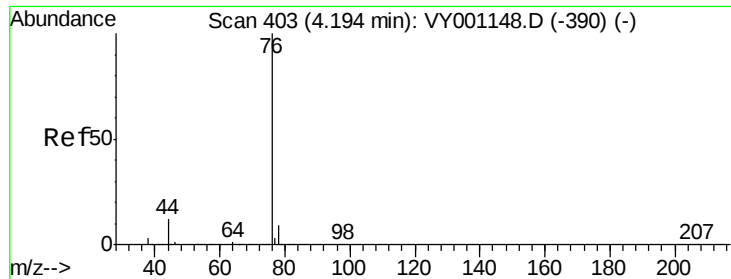
58 32.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)





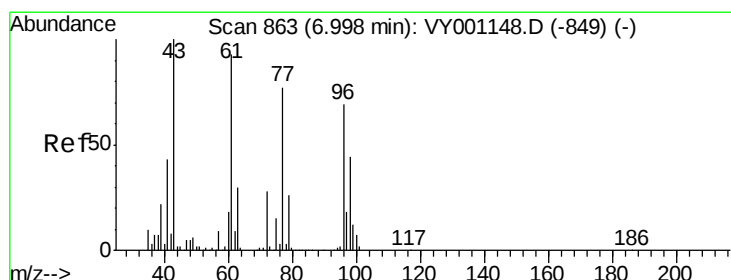
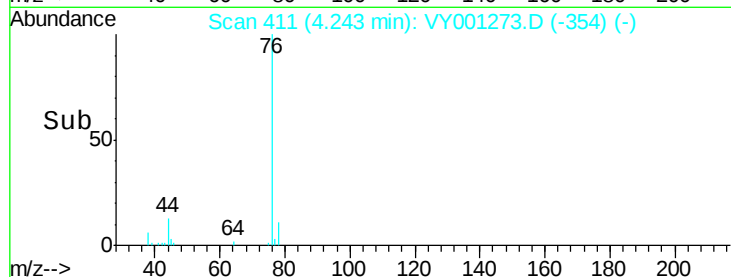
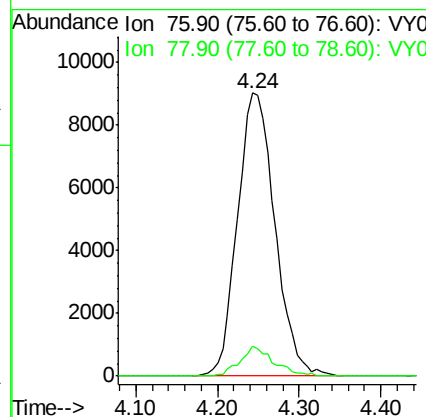
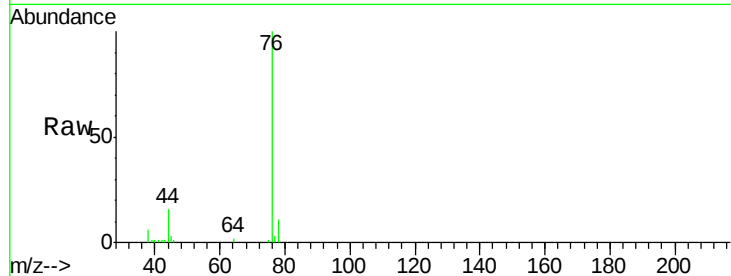
#17
Carbon Disulfide
Concen: 5.480 ug/l
RT: 4.24 min Scan# 411
Delta R.T. 0.05 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.2	10.8

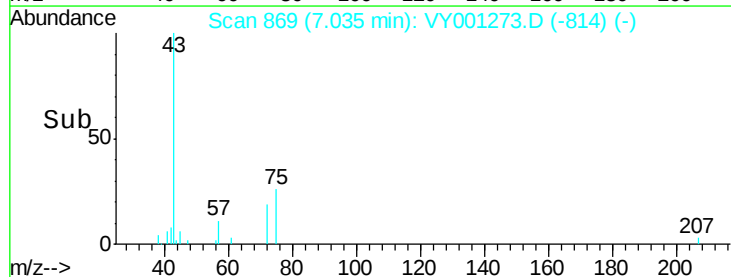
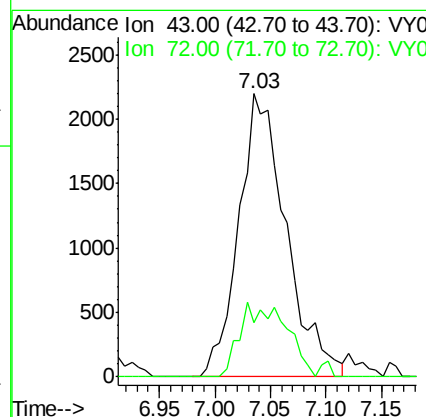
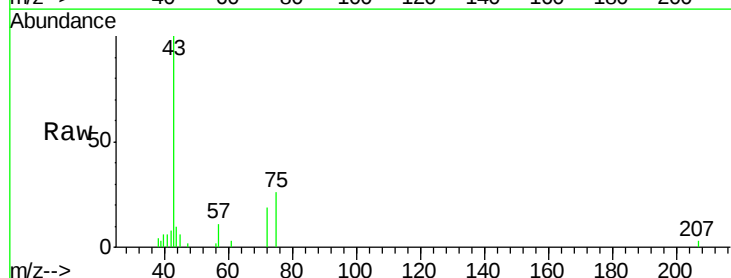
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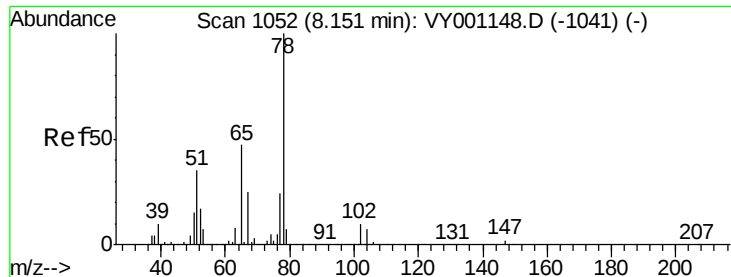
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#25
2-Butanone
Concen: 10.796 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.04 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
72	19.3	22.2	33.2#





#33

1,2-Dichloroethane-d4

Concen: 52.934 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

Tot Ion: 65 Resp: 88407

Ion Ratio Lower Upper

65 100

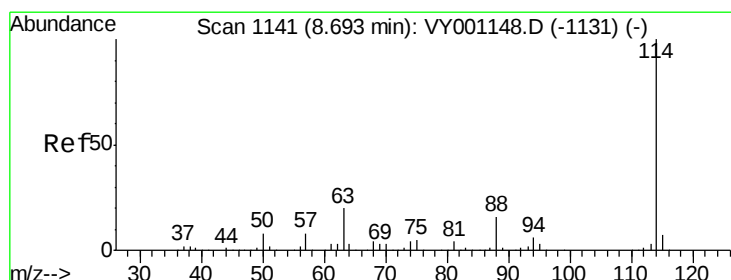
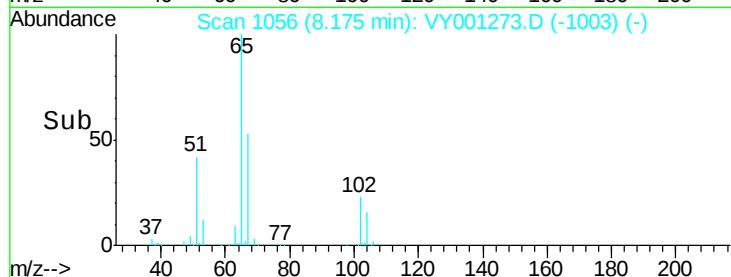
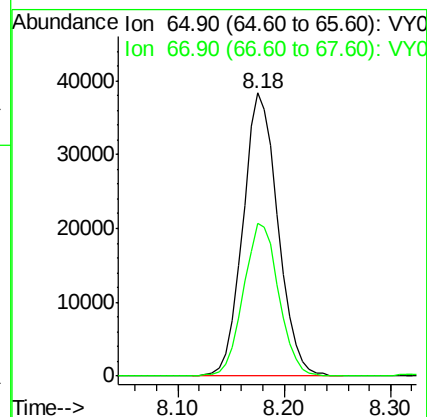
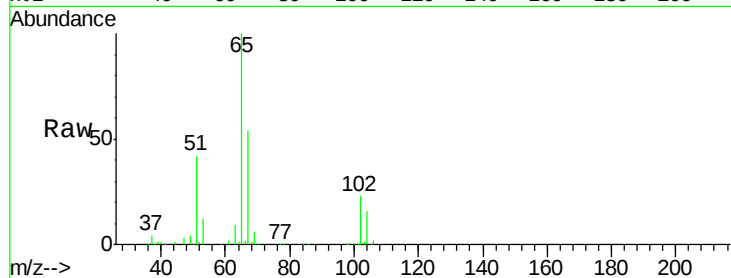
67 54.4 0.0 105.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

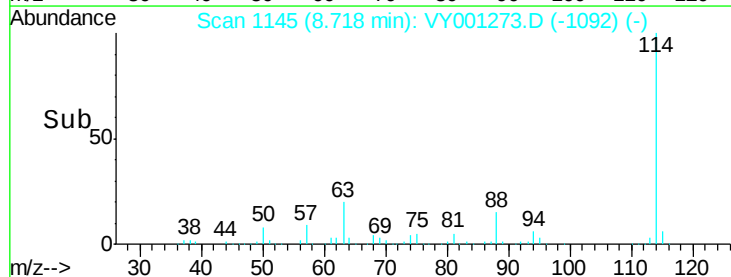
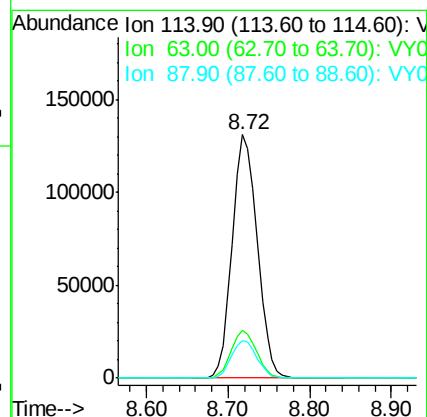
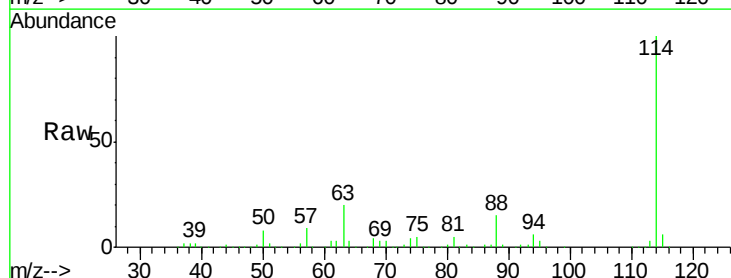
Tgt Ion: 114 Resp: 277038

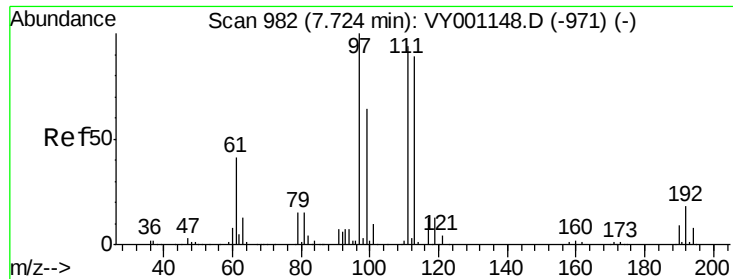
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.2 0.0 32.4





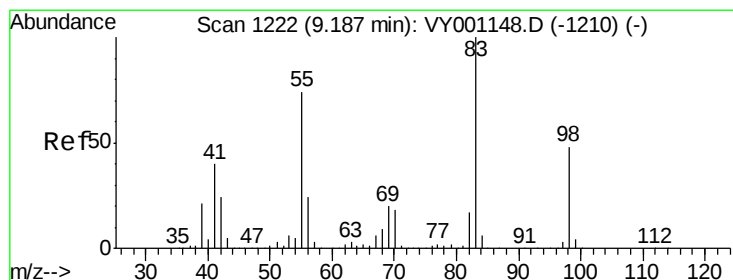
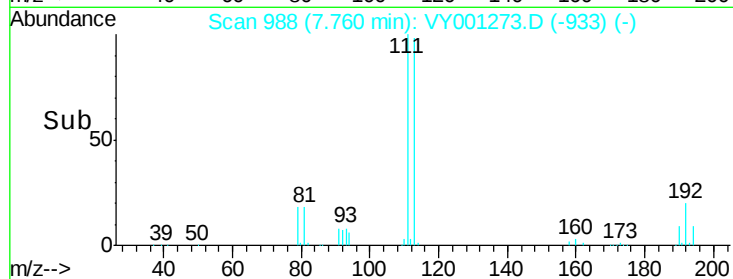
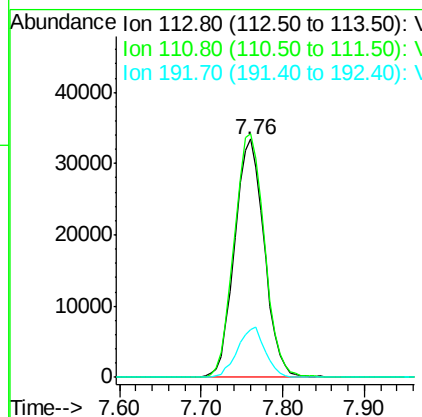
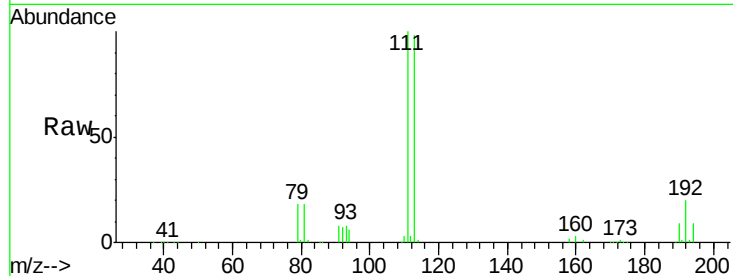
#35
 Dibromofluoromethane
 Concen: 51.493 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.04 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Instrument :
 MSVOA_Y
 ClientSampled :
 SS-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.9	124.3
192	19.6	15.4	23.2

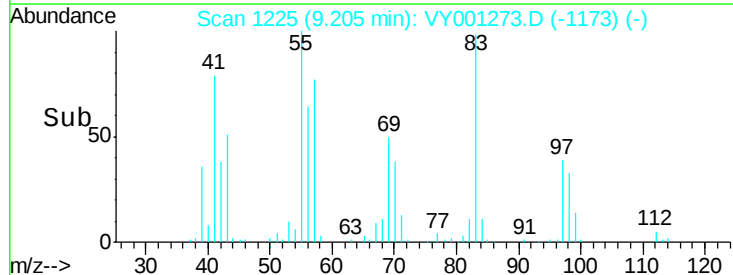
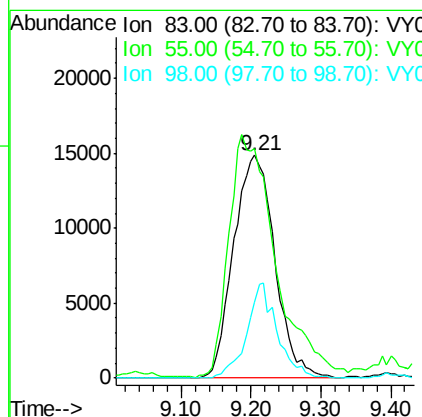
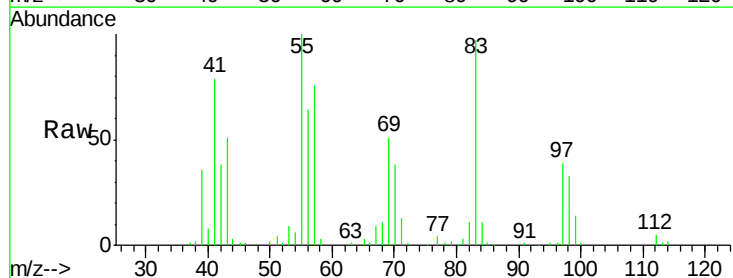
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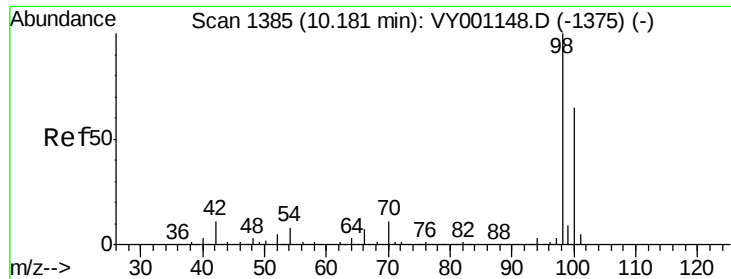
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#39
 Methylcyclohexane
 Concen: 17.772 ug/l
 RT: 9.21 min Scan# 1225
 Delta R.T. 0.02 min
 Lab File: VY001273.D
 Acq: 17 Jan 2020 18:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.2	58.9	88.3#
98	34.1	38.4	57.6#





#50

Toluene-d8

Concen: 76.883 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

SS-1

Tot Ion: 98 Resp: 480519

Ion Ratio Lower Upper

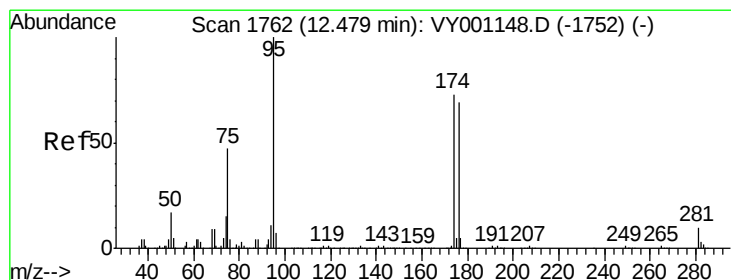
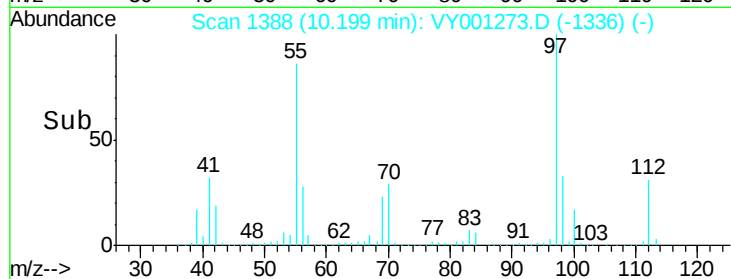
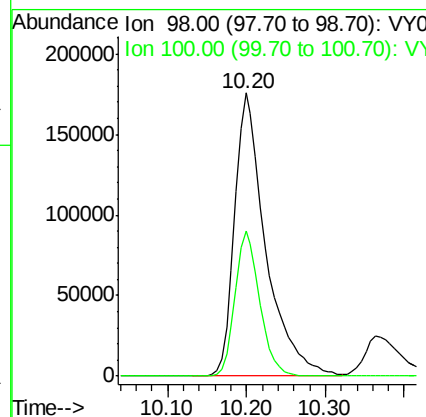
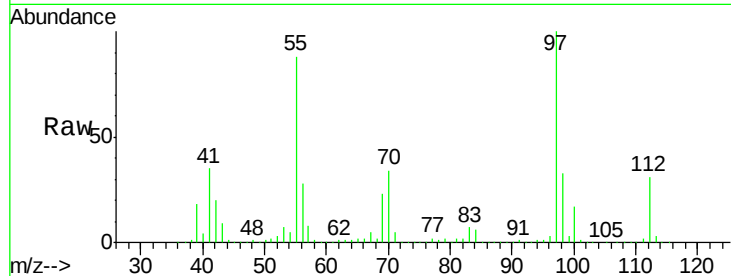
98 100

100 40.6 53.1 79.7#

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#62

4-Bromofluorobenzene

Concen: 521.938 ug/l m

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001273.D

Acq: 17 Jan 2020 18:17

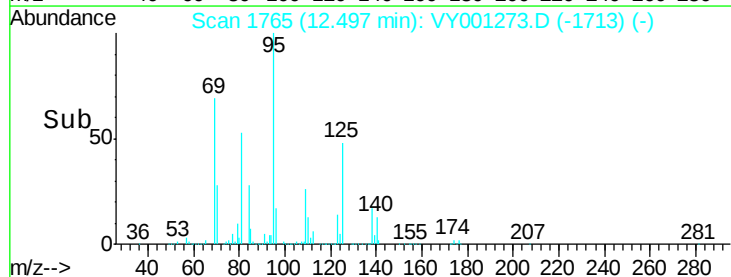
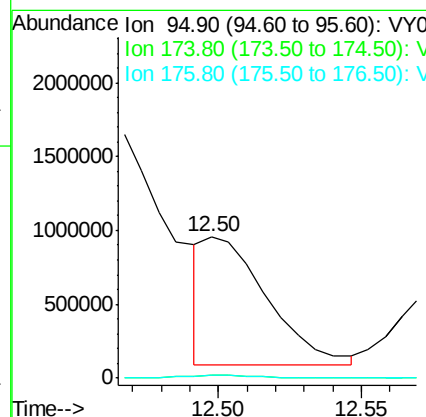
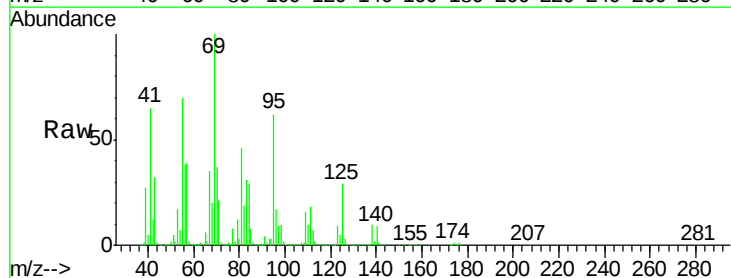
Tgt Ion: 95 Resp: 1333655

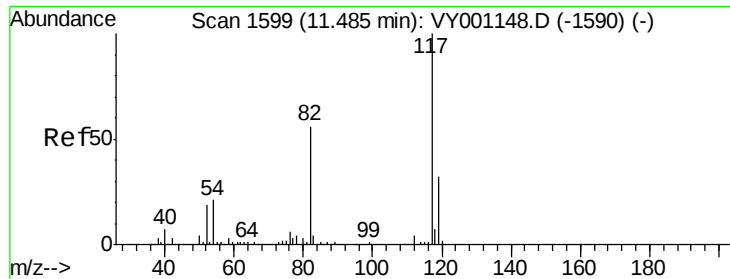
Ion Ratio Lower Upper

95 100

174 0.0 0.0 143.2

176 0.0 0.0 136.0





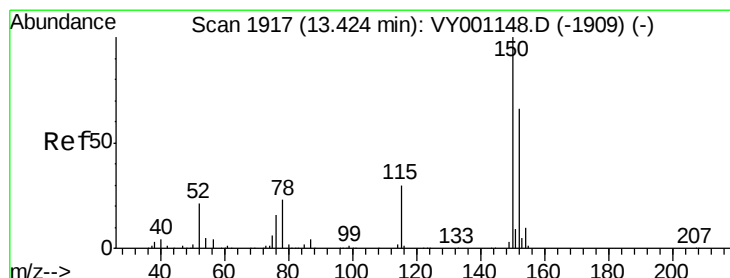
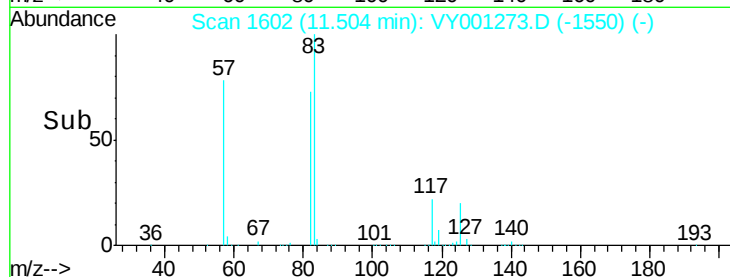
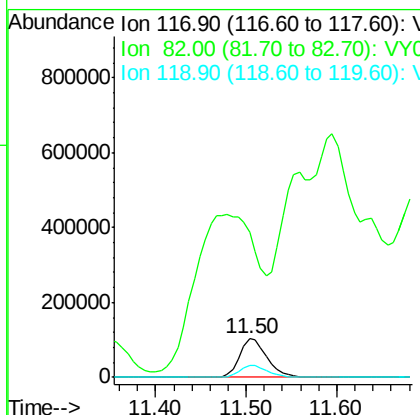
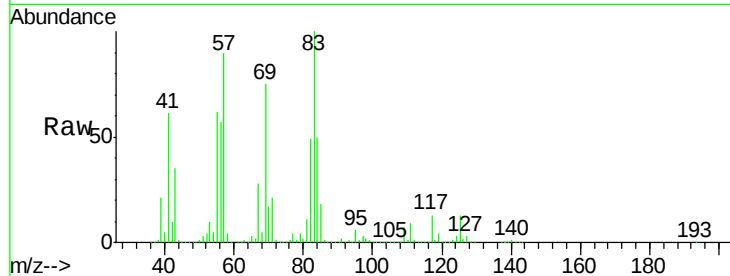
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	181.1	44.9	67.3#
119	30.8	25.7	38.5

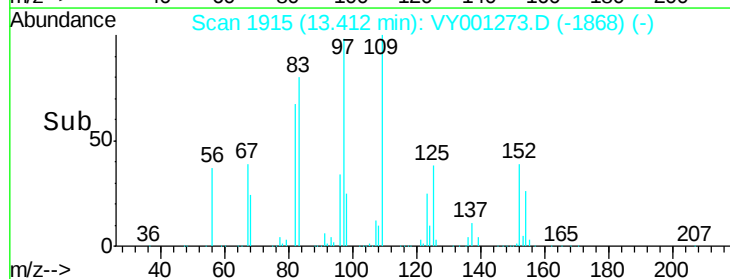
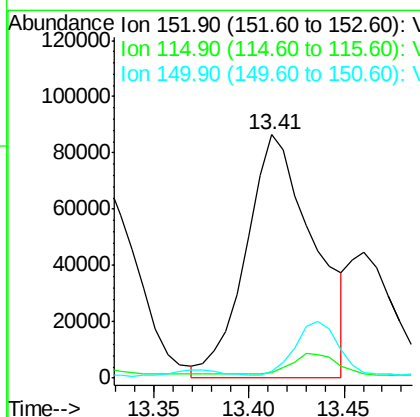
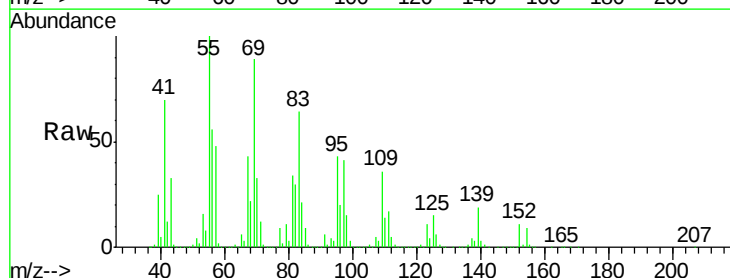
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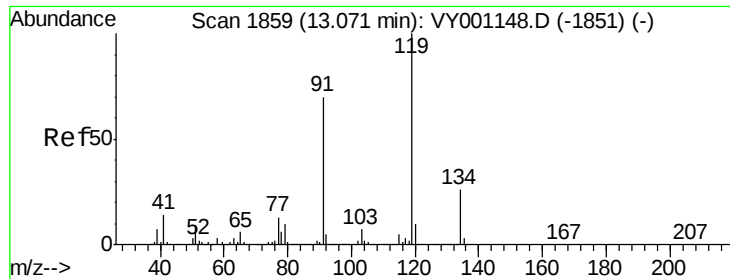
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.41 min Scan# 1915
Delta R.T. -0.01 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	25.3	30.9	92.5#
150	1.1	0.0	346.8





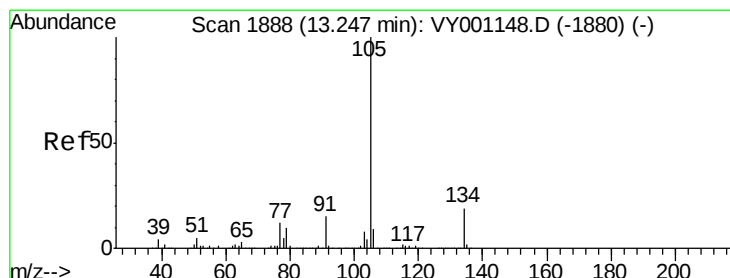
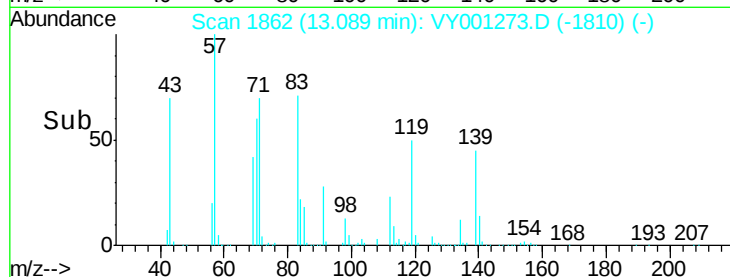
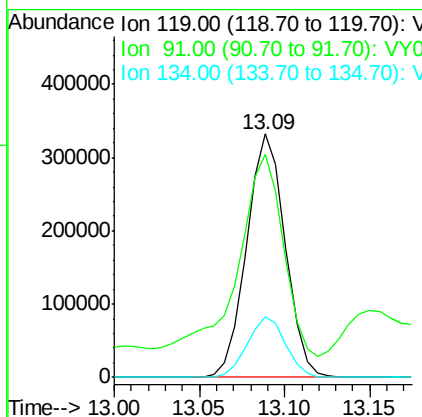
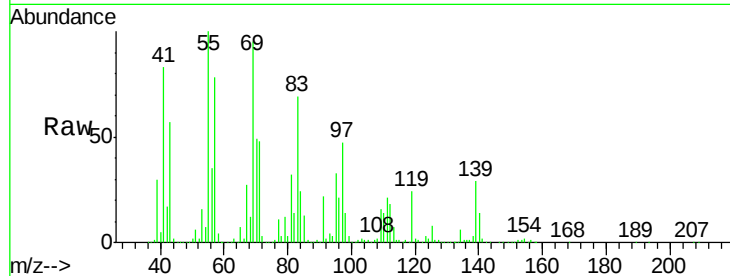
#83
tert-Butylbenzene
Concen: 45.845 ug/l m
RT: 13.09 min Scan# 1862
Delta R.T. 0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
SS-1

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	33.9	101.7#
134	0.0	13.5	40.4#

Manual Integrations
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#85
sec-Butylbenzene
Concen: 49.859 ug/l
RT: 13.27 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VY001273.D
Acq: 17 Jan 2020 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.2	9.8	29.5#

