

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003147.D
 Acq On : 09 Jul 2020 16:33
 Operator : SY/MD
 Sample : L3255-07
 Misc : 6.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Manual Integrations
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 7/10/2020 12:18:37 PM

Quant Time: Jul 10 04:26:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	455446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	344091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	144727	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	7.72	113	146525	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.18	98	500325	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.48	95	122306	32.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	49781	171.838	ug/l	98
16) Acetone	3.96	43	19897	29.678	ug/l	90
18) Methyl Acetate	4.49	43	2242	1.241	ug/l	94
25) 2-Butanone	7.00	43	8392	7.880	ug/l #	77
73) Isopropylbenzene	12.33	105	7936	1.202	ug/l	89
80) 1,3,5-Trimethylbenzene	12.81	105	9828	1.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	11056m	1.980	ug/l	
85) sec-Butylbenzene	13.25	105	11727	1.749	ug/l #	64
86) p-Isopropyltoluene	13.37	119	15683	2.524	ug/l	94

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

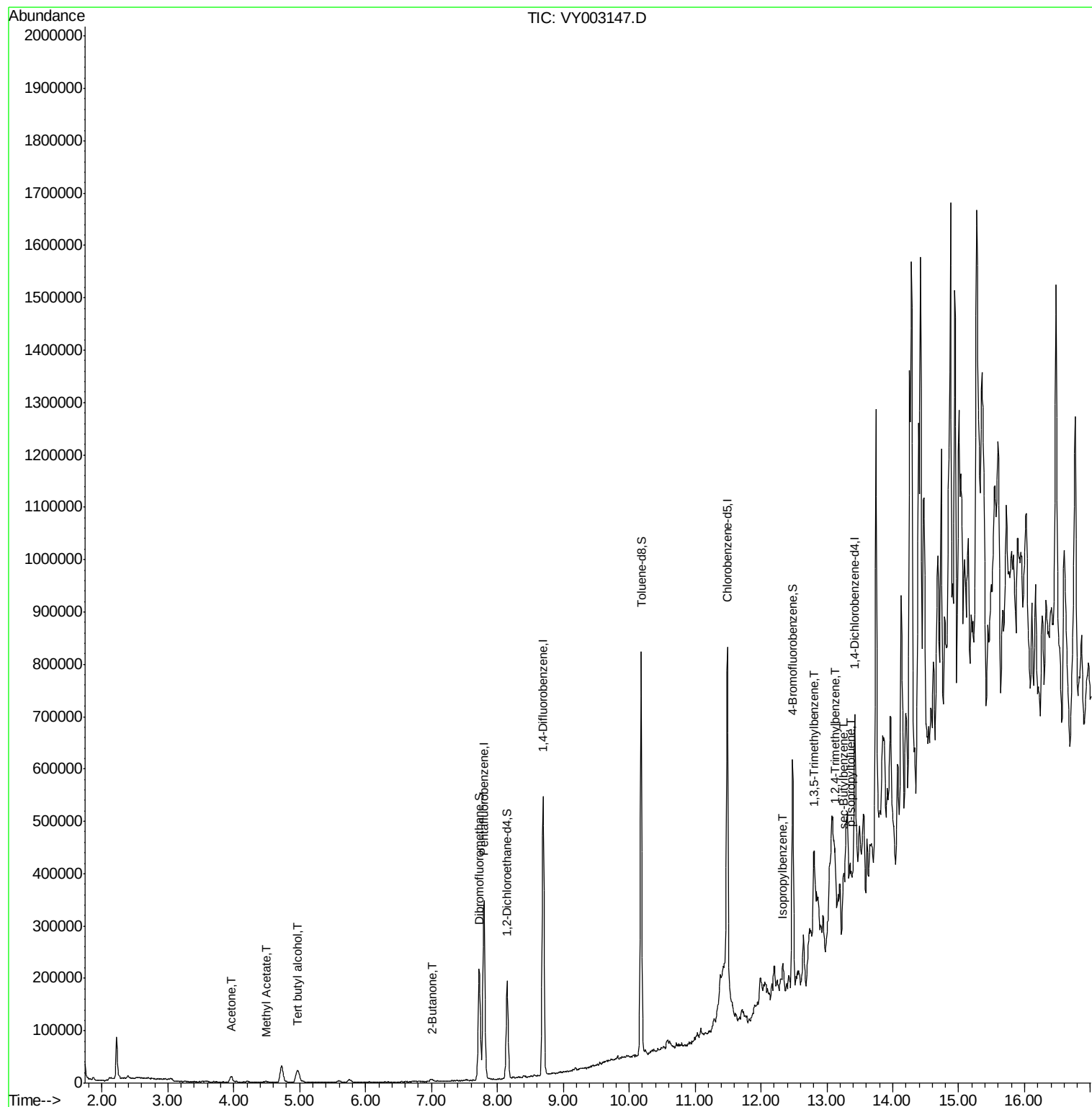
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
Data File : VY003147.D
Acq On : 09 Jul 2020 16:33
Operator : SY/MD
Sample : L3255-07
Misc : 6.86G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

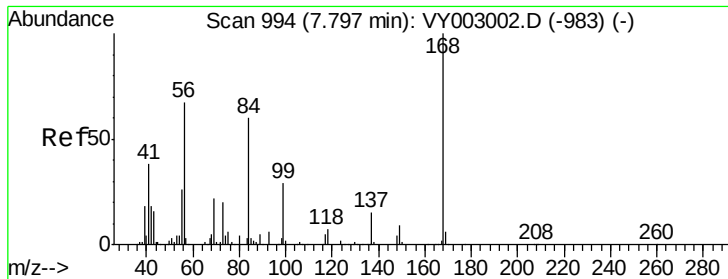
Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Manual Integrations
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Quant Time: Jul 10 04:26:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration





#1

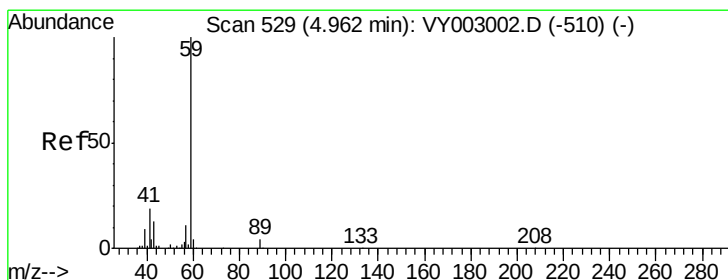
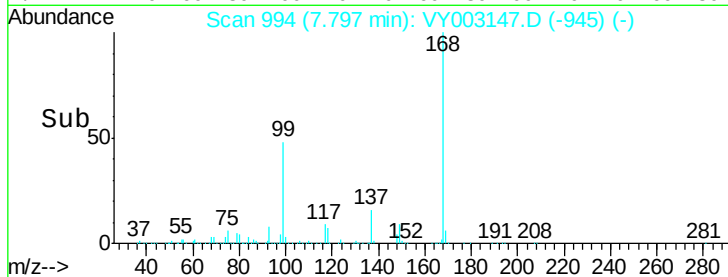
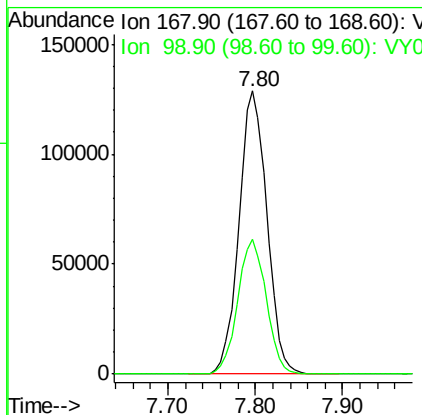
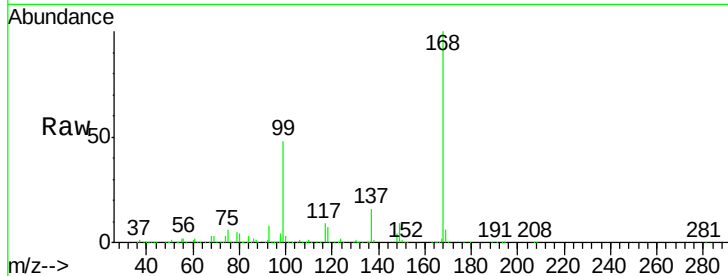
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY003147.D
 Acq: 09 Jul 2020 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.7	39.2	58.8

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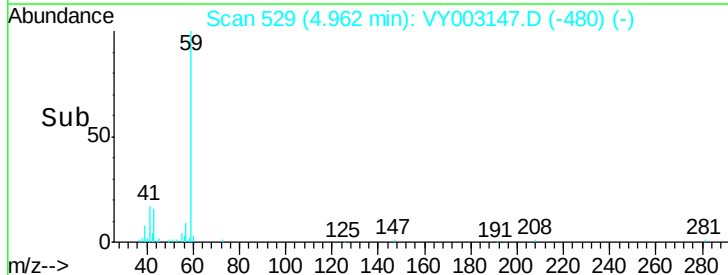
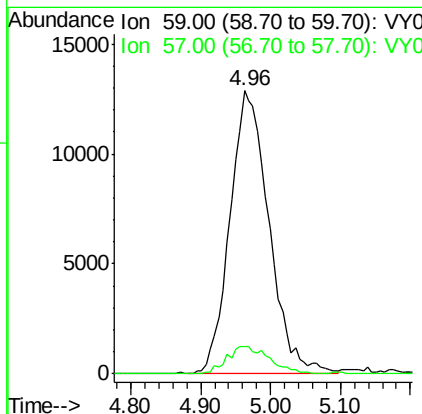
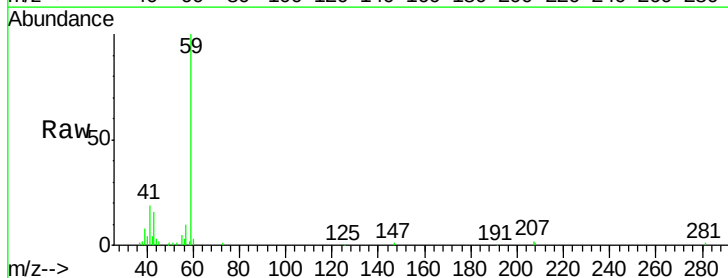
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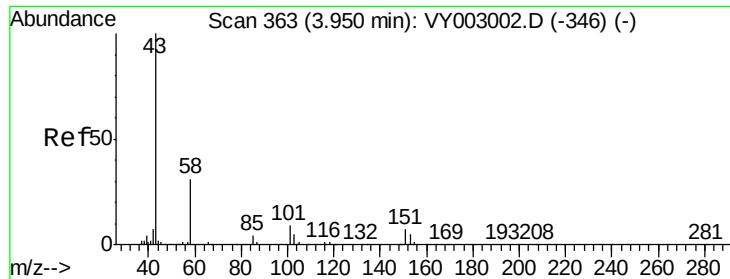


#11

Tert butyl alcohol
 Concen: 171.838 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003147.D
 Acq: 09 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.0	12.0





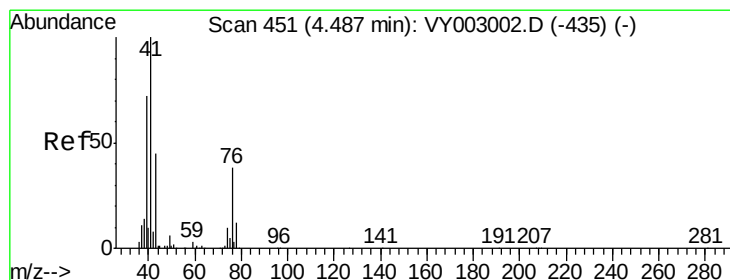
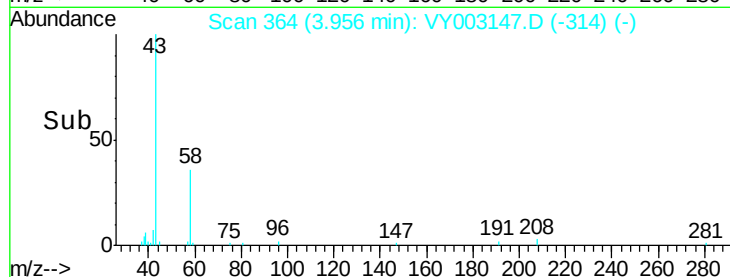
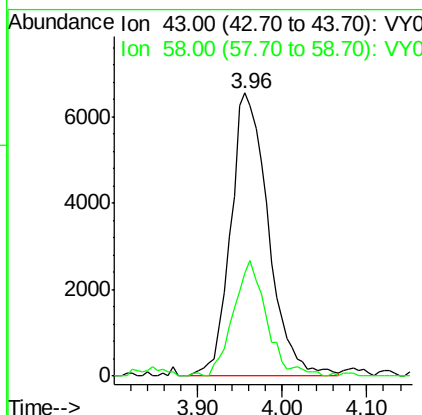
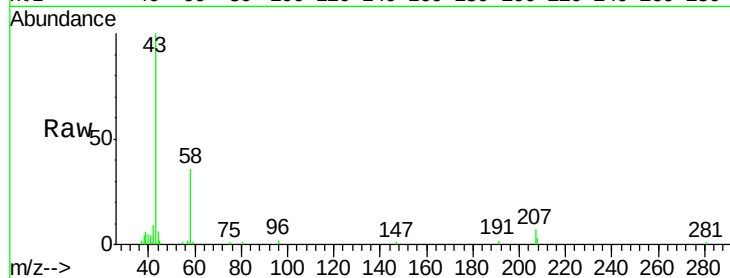
#16
Acetone
Concen: 29.678 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tot Ion: 43 Resp: 19897
Ion Ratio Lower Upper
43 100
58 36.4 24.7 37.1

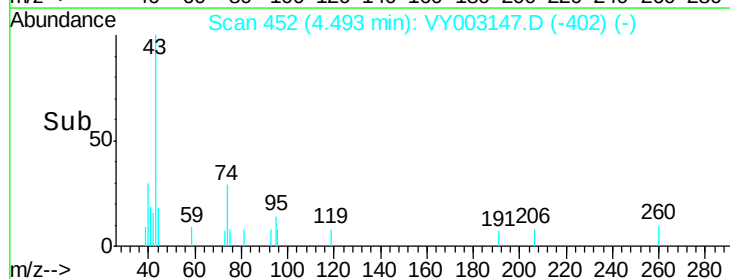
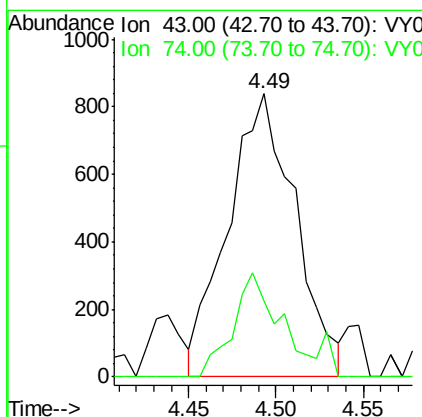
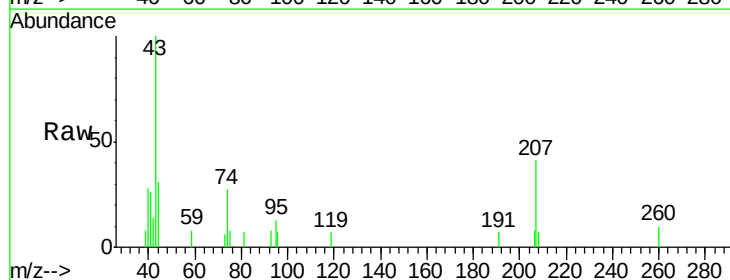
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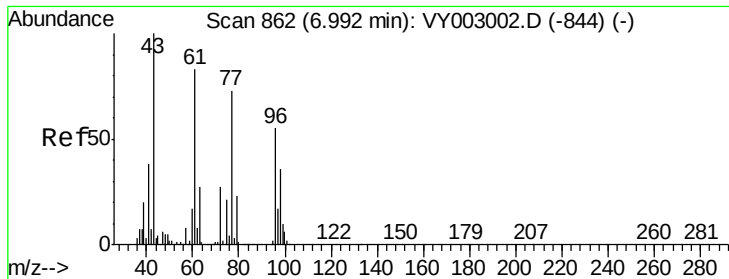
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#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
74 25.9 18.2 27.4





#25

2-Butanone

Concen: 7.880 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY003147.D

Acq: 09 Jul 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

RBR-07

Tot Ion: 43 Resp: 8392

Ion Ratio Lower Upper

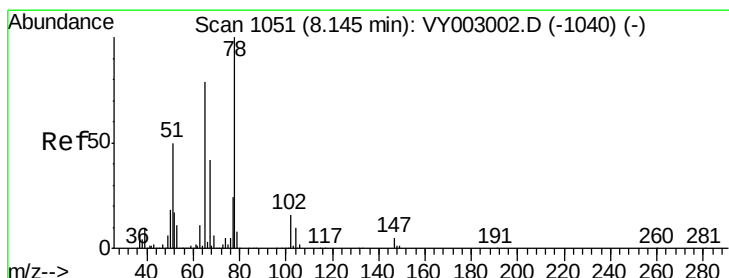
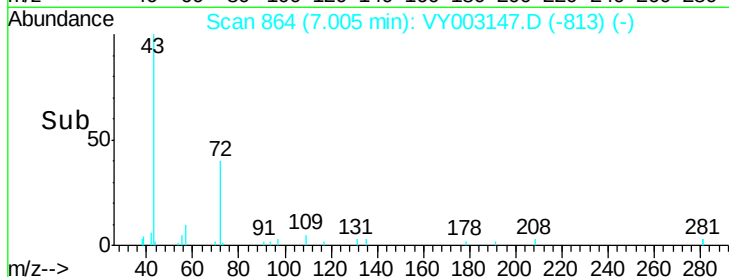
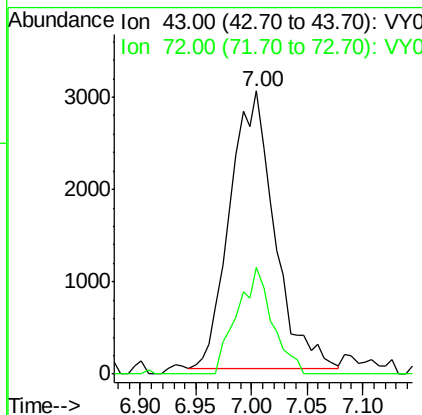
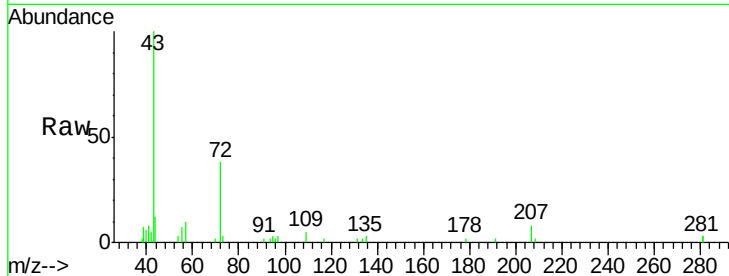
43 100

72 38.5 21.4 32.0#

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#33

1,2-Dichloroethane-d4

Concen: 50.913 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003147.D

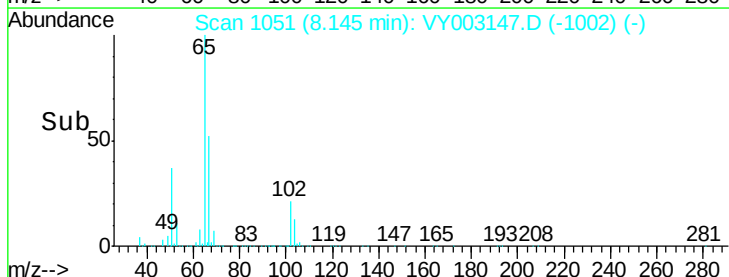
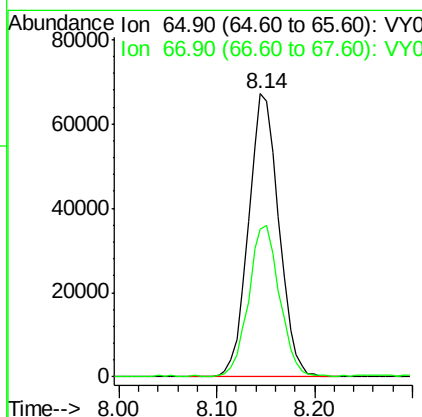
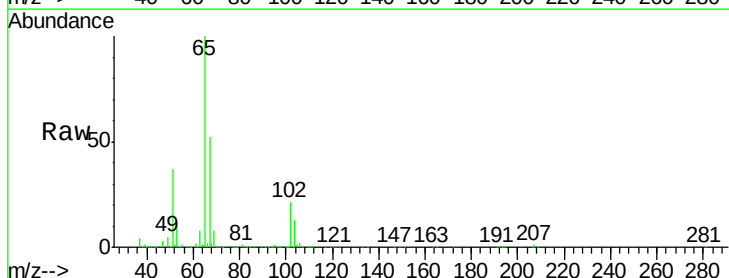
Acq: 09 Jul 2020 16:33

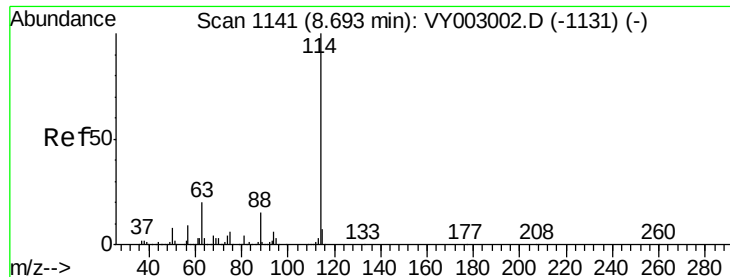
Tgt Ion: 65 Resp: 144727

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.6





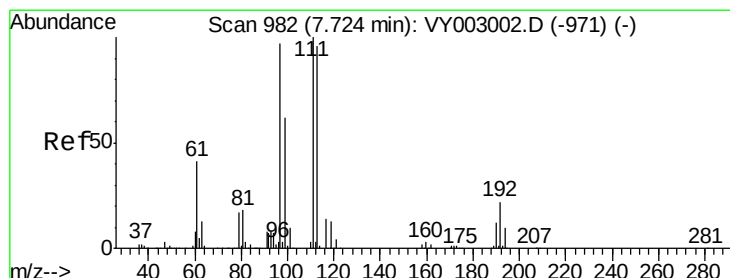
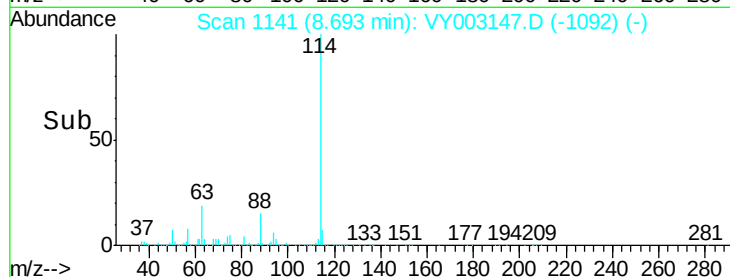
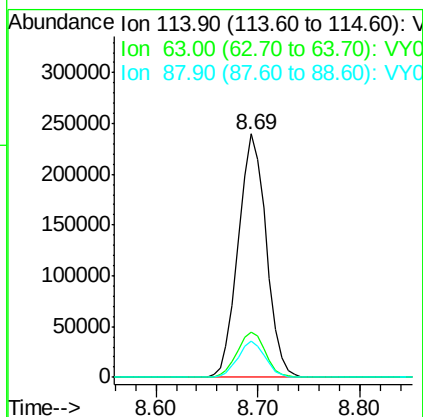
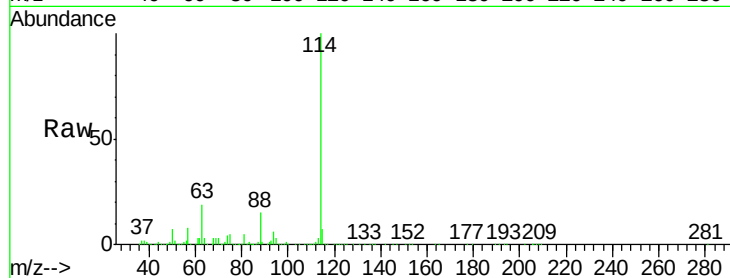
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tot Ion	Ratio	Resp	Lower	Upper
114	100	455446		
63	18.8		0.0	40.6
88	15.0		0.0	30.0

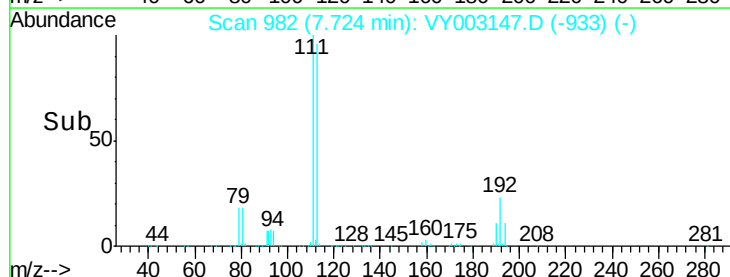
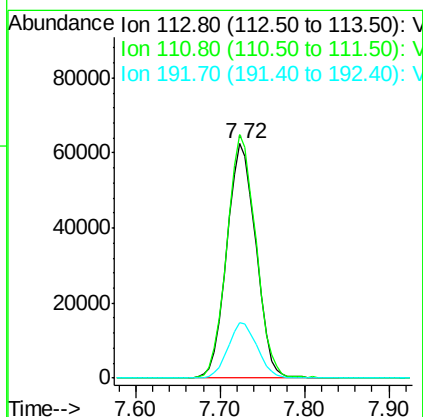
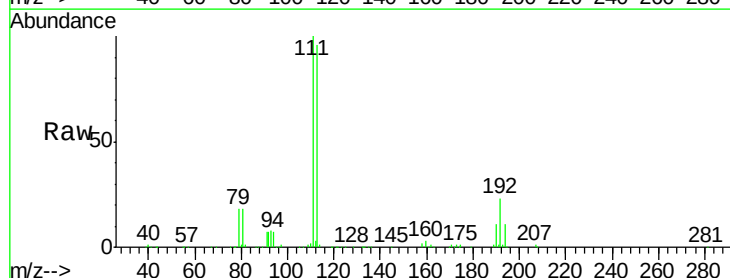
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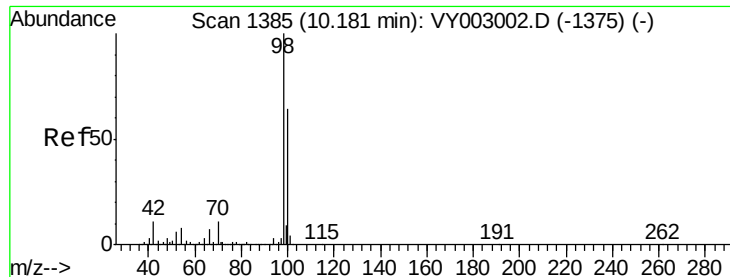
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#35
Dibromofluoromethane
Concen: 51.572 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	146525		
111	103.9		82.6	123.8
192	23.7		18.1	27.1





#50

Toluene-d8

Concen: 47.269 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003147.D

Acq: 09 Jul 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

RBR-07

Tot Ion: 98 Resp: 500325

Ion Ratio Lower Upper

98 100

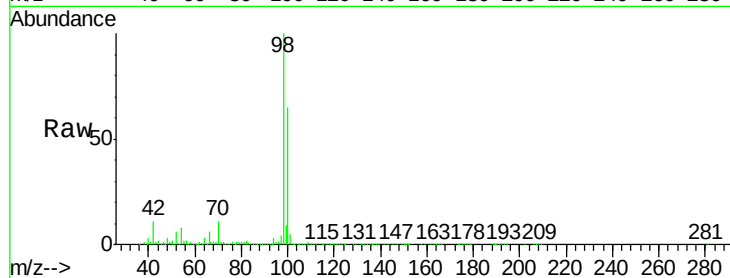
100 64.0 51.1 76.7

Manual Integrations

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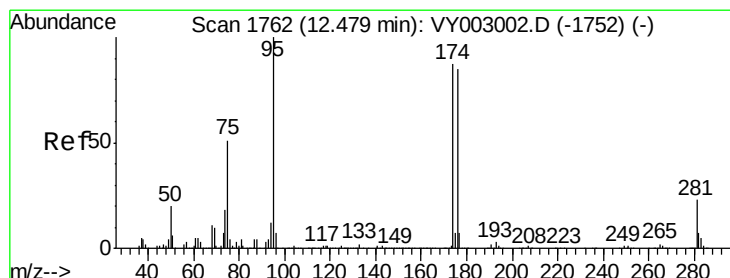
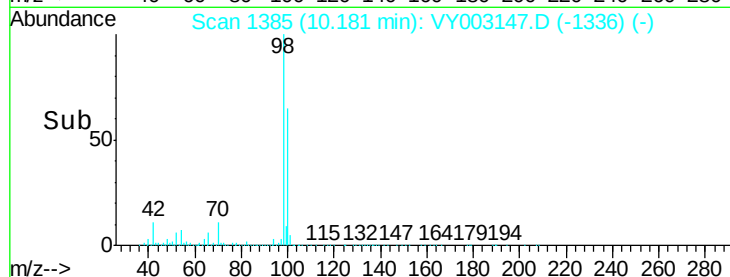
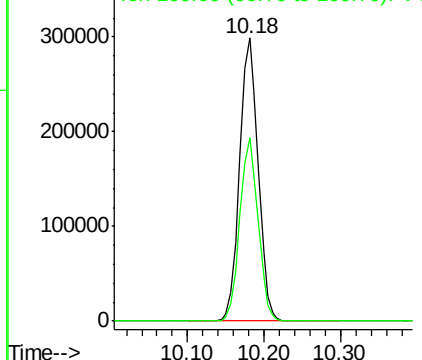
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Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 32.827 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003147.D

Acq: 09 Jul 2020 16:33

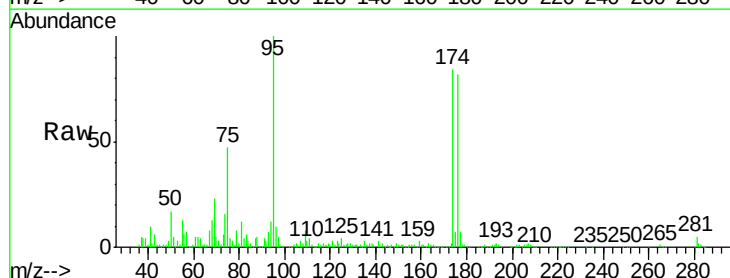
Tgt Ion: 95 Resp: 122306

Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

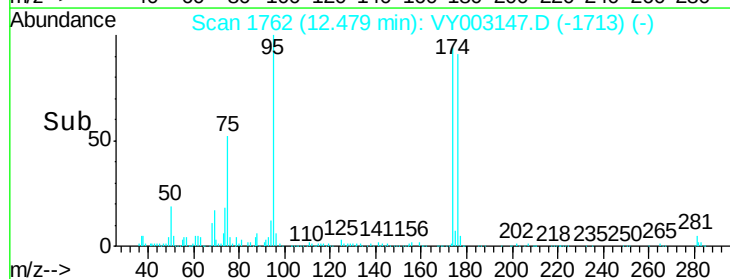
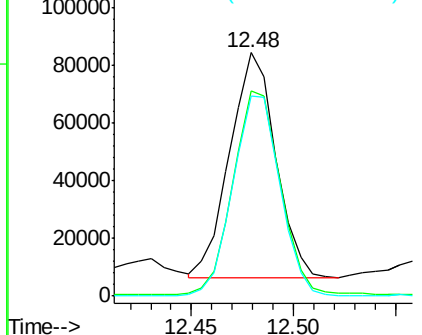
176 91.5 0.0 183.0

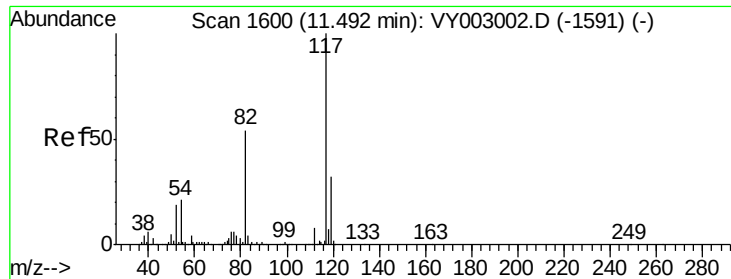


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





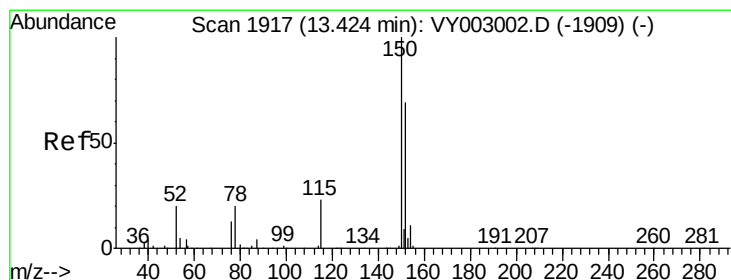
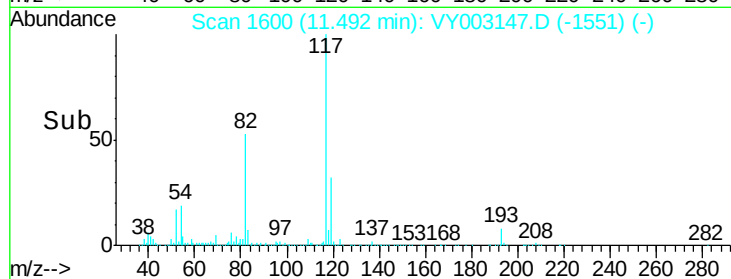
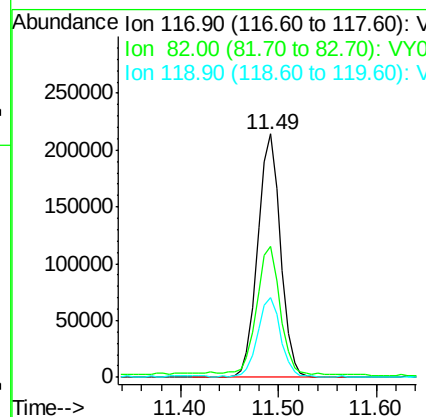
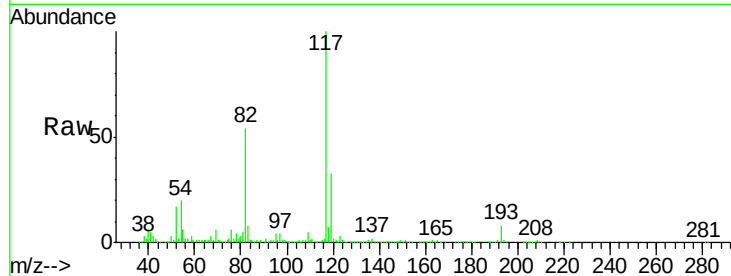
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344091		
82	52.8		43.0	64.6
119	32.3		25.8	38.8

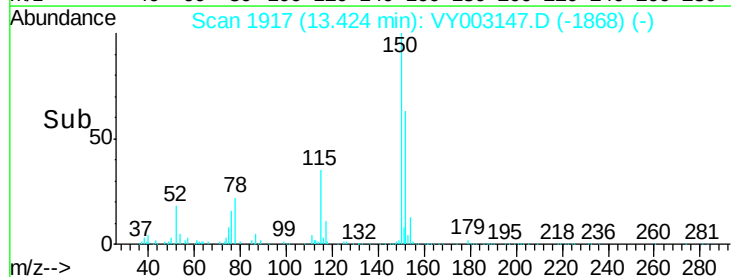
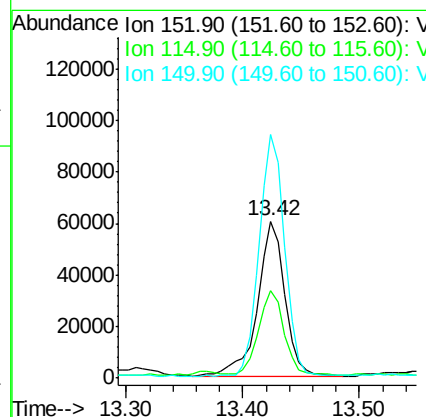
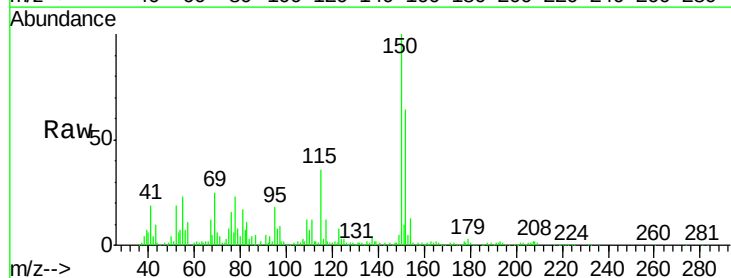
Manual Integrations
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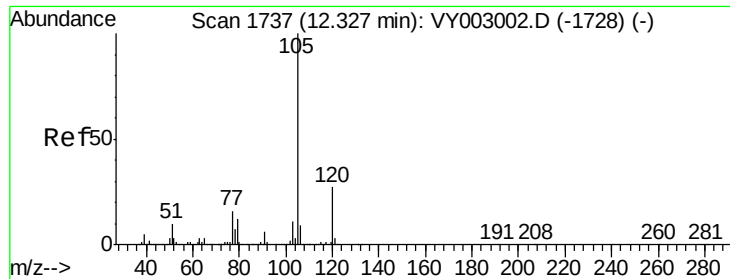
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	100902		
115	50.7		27.3	81.9
150	141.1		0.0	343.4





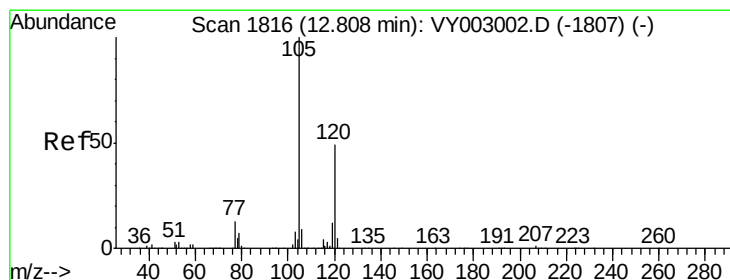
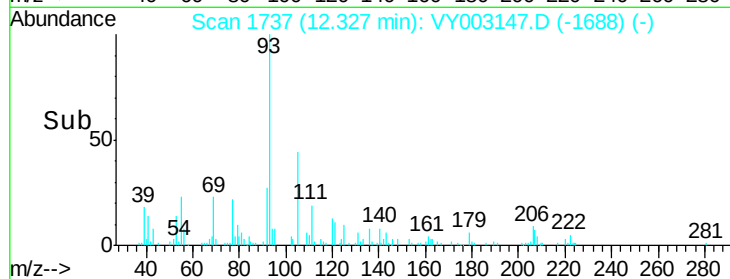
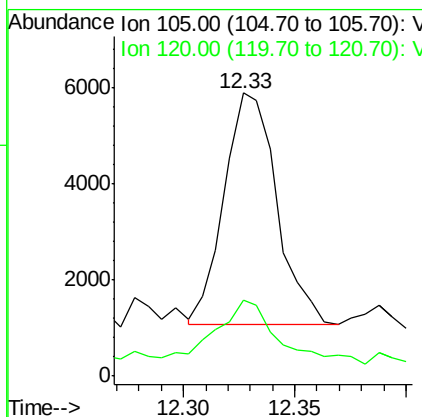
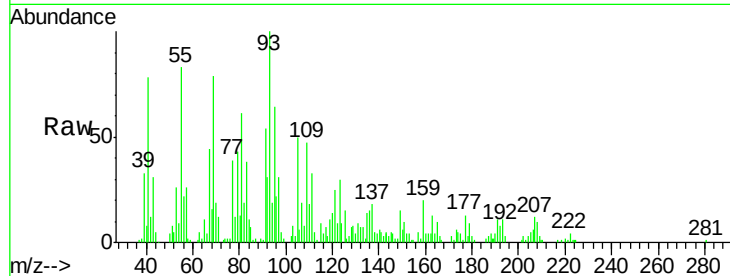
#73
Isopropylbenzene
Concen: 1.202 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-07

Tot Ion	Ratio	Lower	Upper
105	100		
120	32.5	13.4	40.1

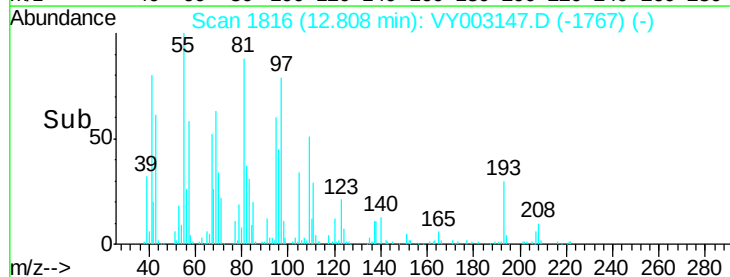
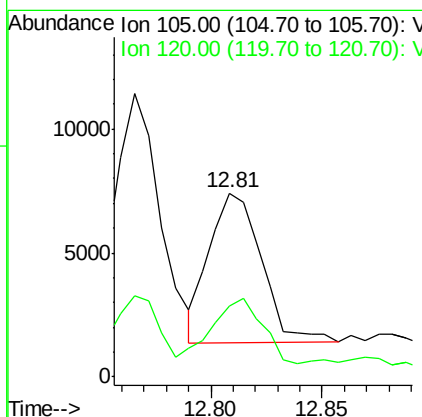
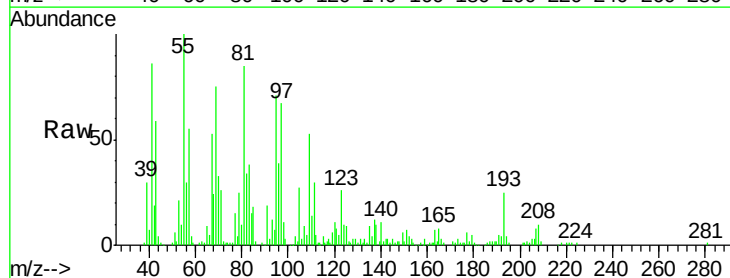
Manual Integrations
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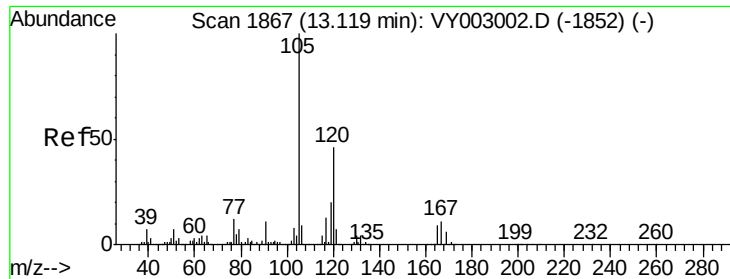
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#80
1,3,5-Trimethylbenzene
Concen: 1.774 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003147.D
Acq: 09 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.6	73.6





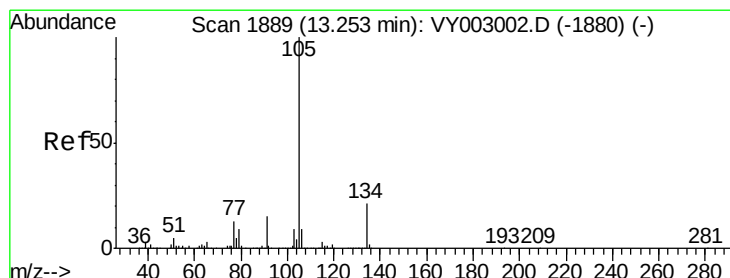
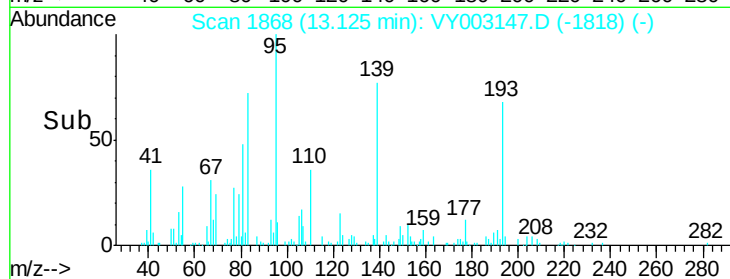
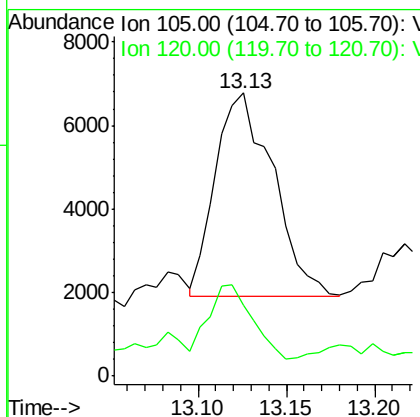
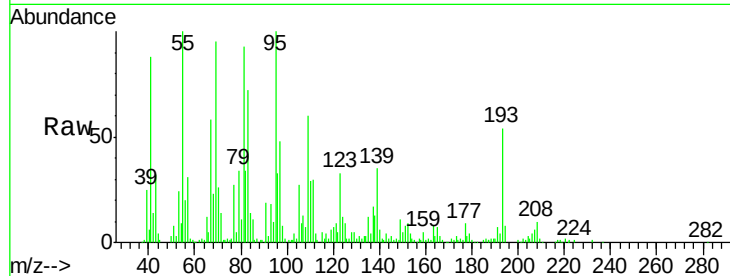
#84
 1,2,4-Trimethylbenzene
 Concen: 1.980 ug/l m
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: VY003147.D
 Acq: 09 Jul 2020 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Tot Ion:105 Resp: 11056
 Ion Ratio Lower Upper
 105 100
 120 29.0 22.6 67.8

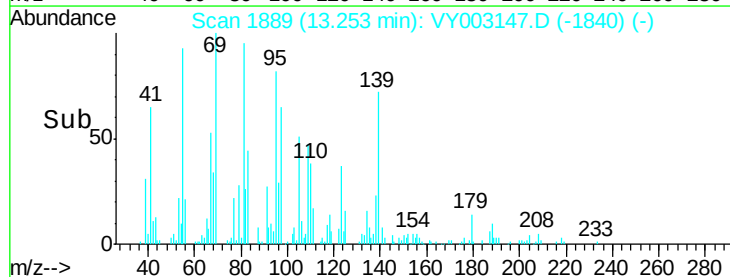
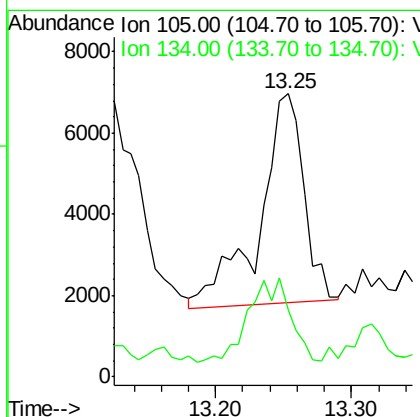
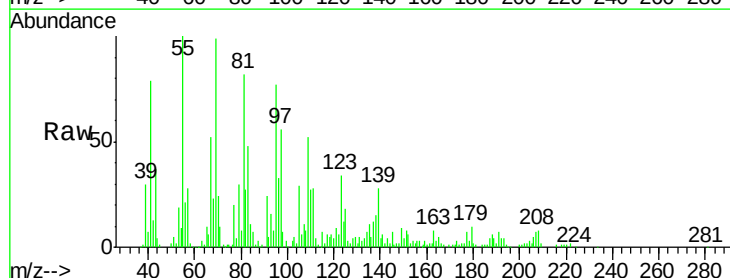
Manual Integrations
 APPROVED

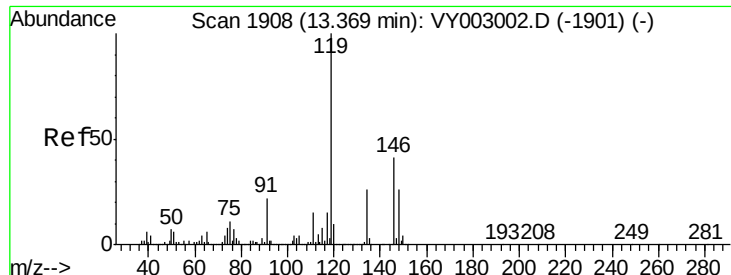
MMDadoda
 7/10/2020 12:18:37 PM



#85
 sec-Butylbenzene
 Concen: 1.749 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY003147.D
 Acq: 09 Jul 2020 16:33

Tgt Ion:105 Resp: 11727
 Ion Ratio Lower Upper
 105 100
 134 37.7 10.4 31.2#





#86
 p-Isopropyltoluene
 Concen: 2.524 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003147.D
 Acq: 09 Jul 2020 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-07

Tot Ion:	119	Resp:	15683
Ion Ratio	Lower	Upper	
119	100		
134	27.7	13.5	40.4
91	18.0	11.5	34.5

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:18:37 PM

