

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002549.D
 Acq On : 04 May 2020 18:17
 Operator : SY/MD
 Sample : L2456-01
 Misc : 1.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 207

Manual Integrations
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MMDadoda
 5/5/2020 11:29:07 AM

Quant Time: May 05 08:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	269317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	406618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	241050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	46023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	112338	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	7.74	113	122189	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	10.19	98	450963	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.49	95	100102	32.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	531	2.015	ug/l	84
16) Acetone	3.96	43	412390	882.426	ug/l	99
17) Carbon Disulfide	4.21	76	22051	3.162	ug/l	95
20) Methylene Chloride	4.74	84	26866	10.280	ug/l	99
39) Methylcyclohexane	9.19	83	292072	64.872	ug/l	97
40) Benzene	8.17	78	11848	1.203	ug/l	95
52) Toluene	10.25	92	18234544	2881.930	ug/l #	1
67) Ethyl Benzene	11.60	91	1046879	130.059	ug/l	99
68) m/p-Xylenes	11.70	106	1526824	490.242	ug/l	99
69) o-Xylene	12.03	106	752364	258.004	ug/l	100
73) Isopropylbenzene	12.33	105	441869	148.142	ug/l	100
78) n-propylbenzene	12.67	91	1706555	493.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1151711	465.817	ug/l	100
83) tert-Butylbenzene	13.08	119	3851m	1.776	ug/l	
84) 1,2,4-Trimethylbenzene	13.13	105	3997506	1622.311	ug/l	99
85) sec-Butylbenzene	13.26	105	422469	140.437	ug/l	85
86) p-Isopropyltoluene	13.38	119	199917	70.925	ug/l	100
89) n-Butylbenzene	13.70	91	399019m	155.503	ug/l	
95) Naphthalene	15.24	128	78303	46.977	ug/l	98

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

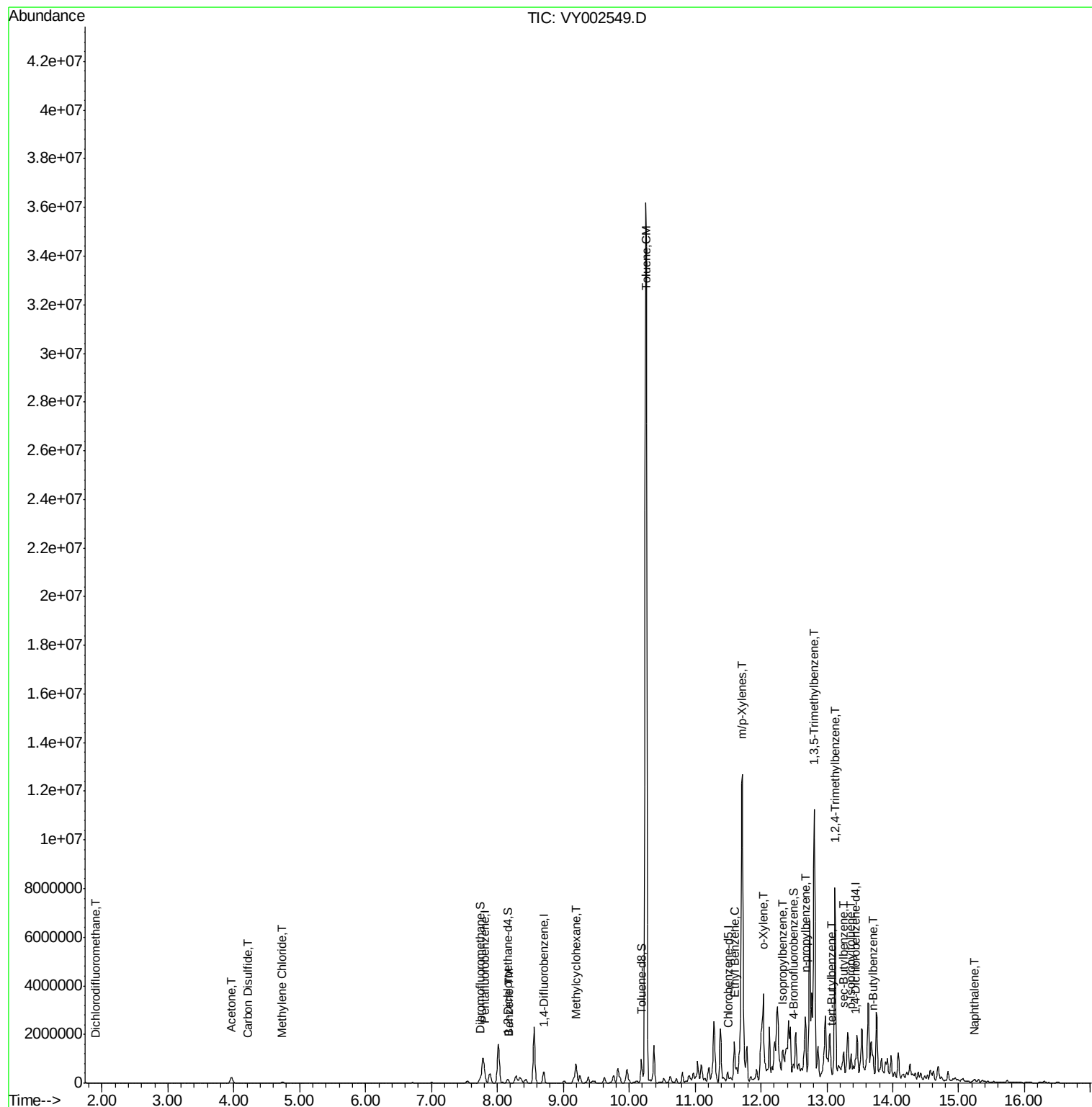
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002549.D
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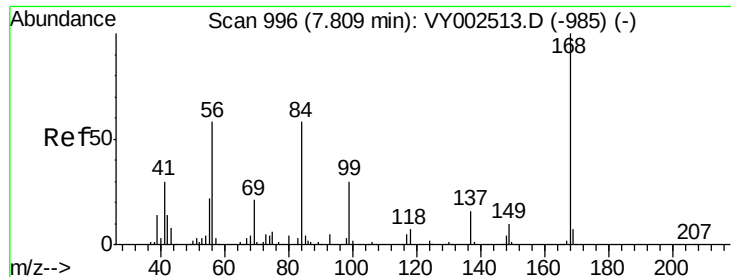
Instrument :
MSVOA_Y
ClientSampleId :
207

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002549.D

Acq: 04 May 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

207

Tot Ion:168 Resp: 269317

Ion Ratio Lower Upper

168 100

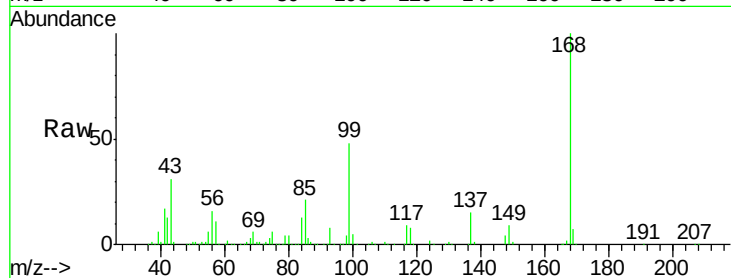
99 48.1 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

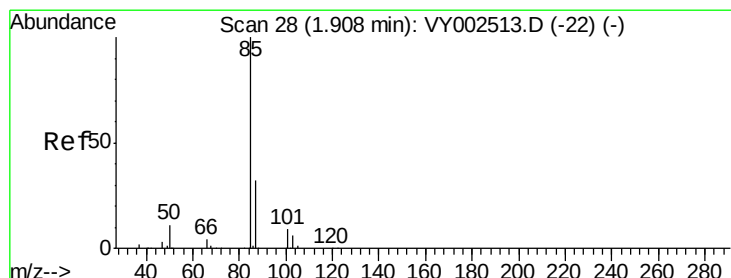
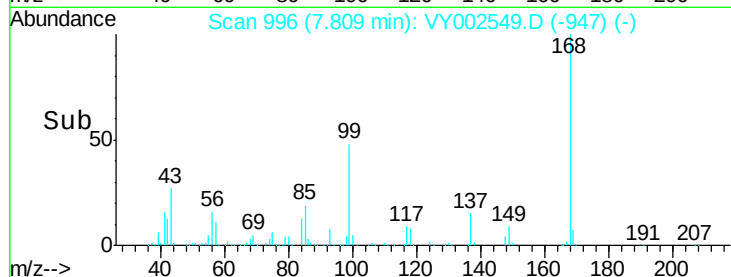
7.81

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.015 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002549.D

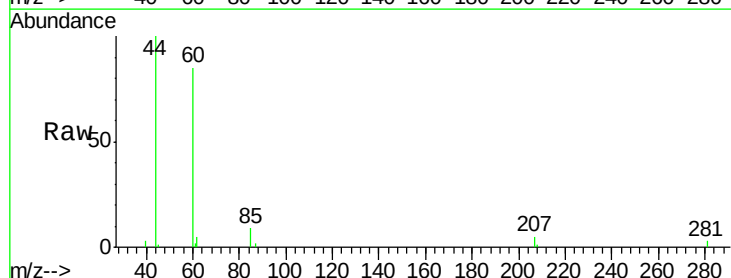
Acq: 04 May 2020 18:17

Tgt Ion: 85 Resp: 531

Ion Ratio Lower Upper

85 100

87 22.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

500

400

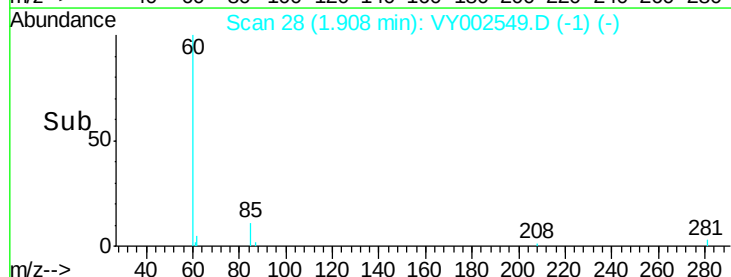
300

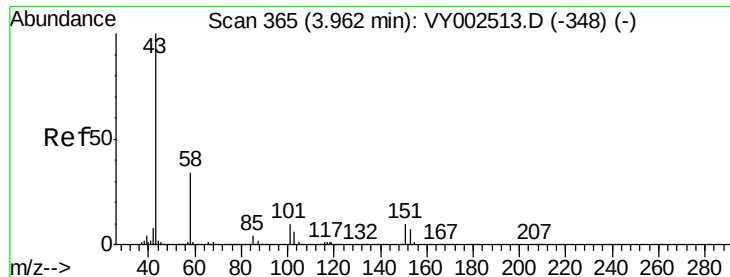
200

100

0

Time-->





#16

Acetone

Concen: 882.426 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.00 min

Lab File: VY002549.D

Acq: 04 May 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

207

Tot Ion: 43 Resp: 412390

Ion Ratio Lower Upper

43 100

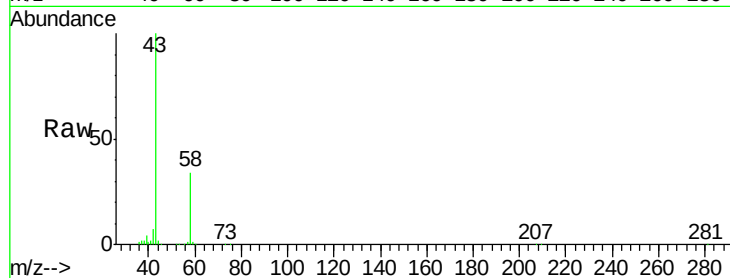
58 34.2 26.9 40.3

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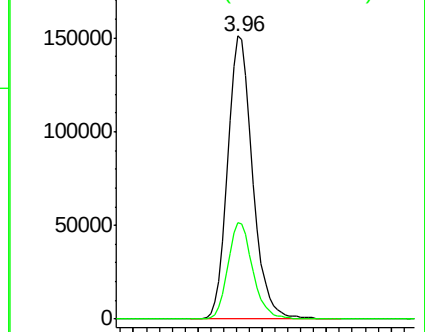
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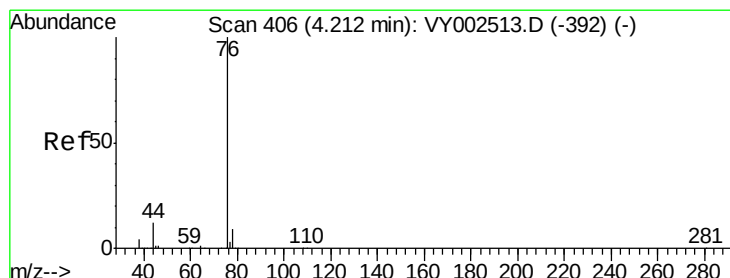
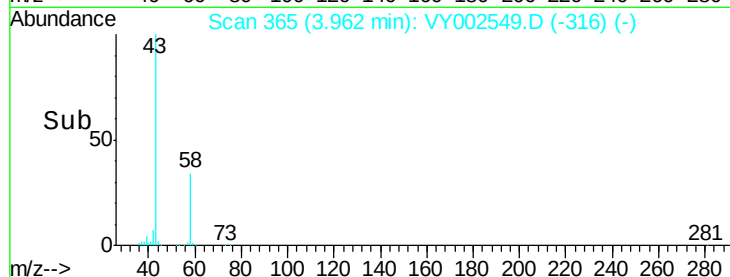


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



Time-->



#17

Carbon Disulfide

Concen: 3.162 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002549.D

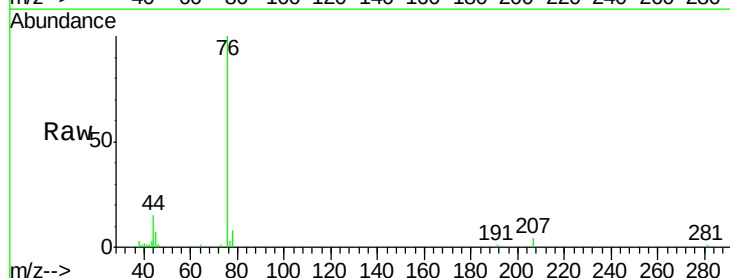
Acq: 04 May 2020 18:17

Tgt Ion: 76 Resp: 22051

Ion Ratio Lower Upper

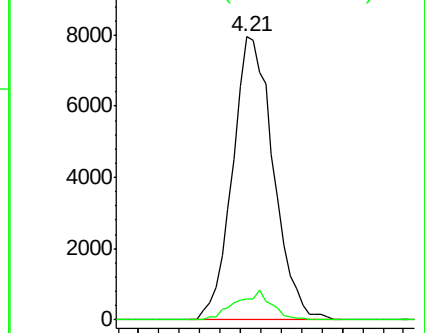
76 100

78 7.6 7.4 11.2

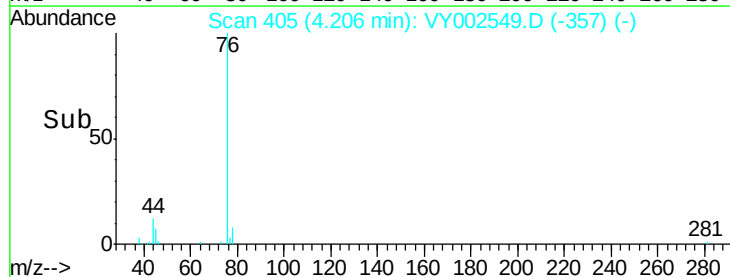


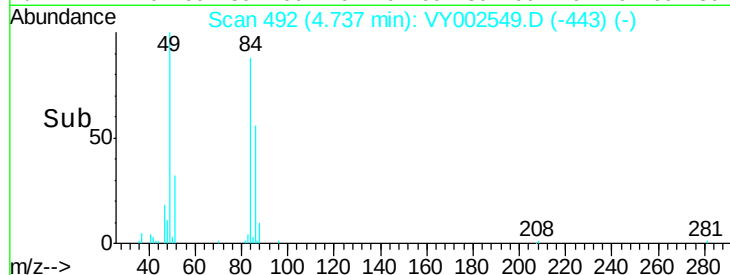
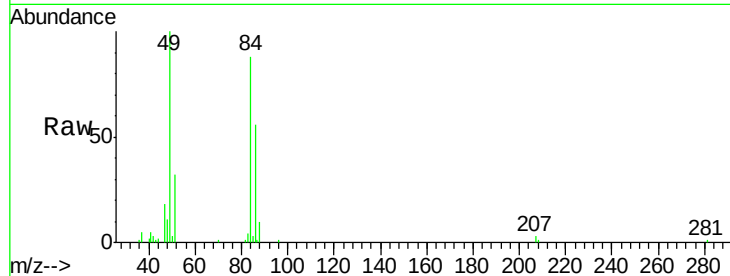
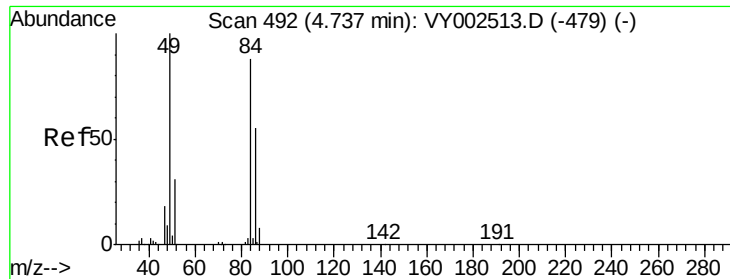
Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->





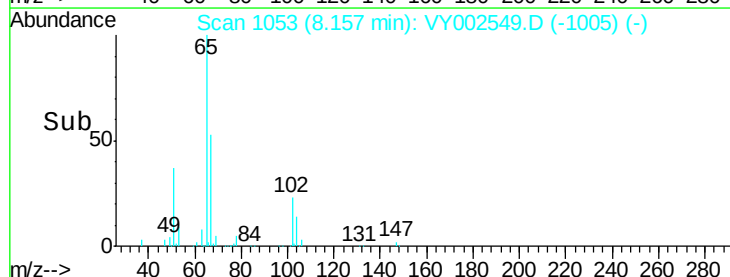
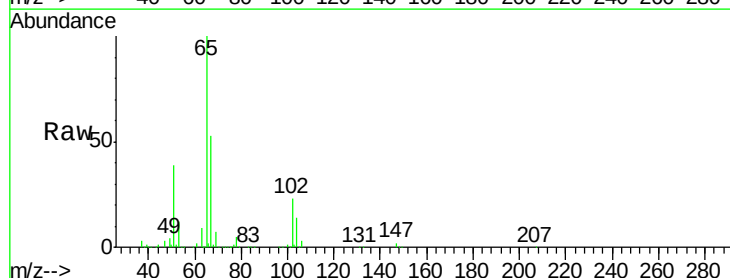
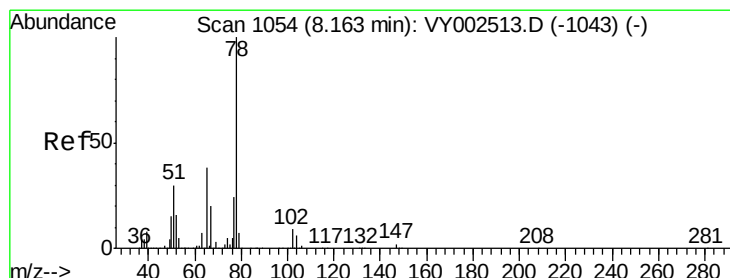
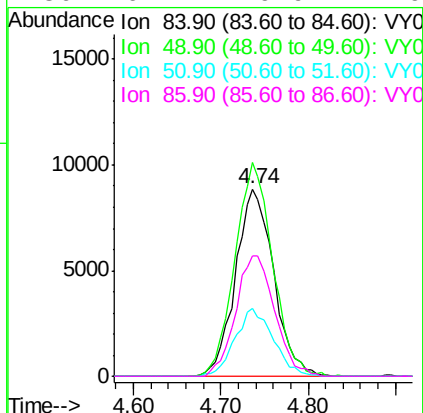
#20
Methylene Chloride
Concen: 10.280 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tot Ion	84	Resp	26866
Ion	Ratio	Lower	Upper
84	100		
49	113.9	90.5	135.7
51	36.4	28.3	42.5
86	64.1	49.9	74.9

Instrument :
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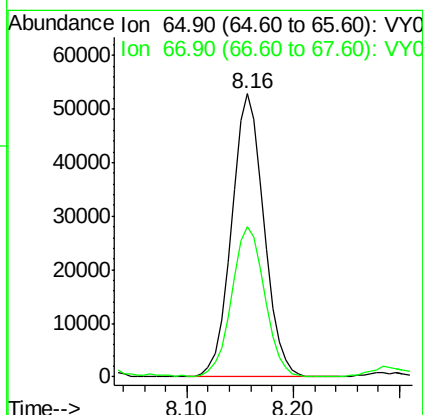
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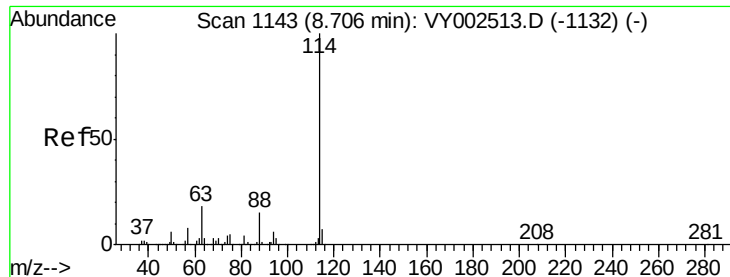
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#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion	65	Resp	112338
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2





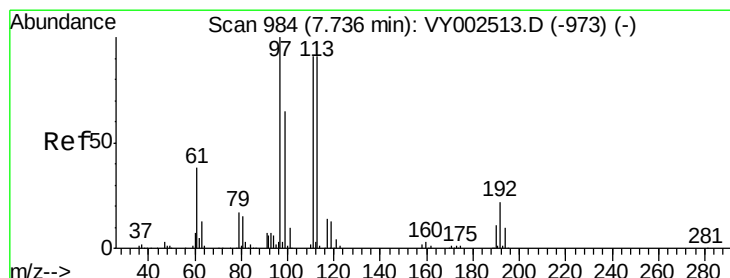
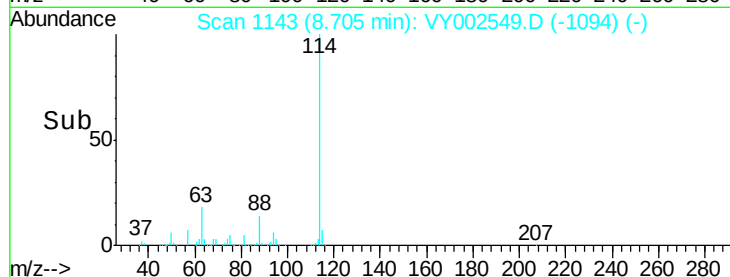
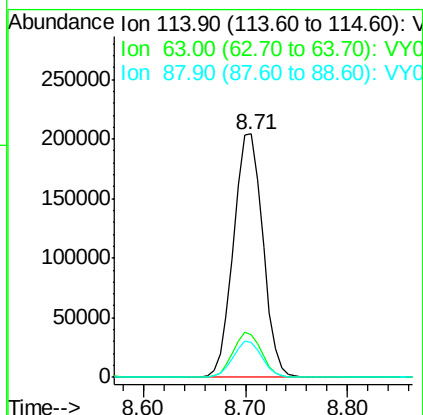
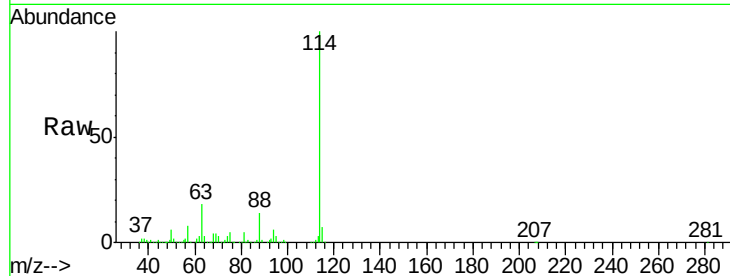
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Instrument :
 MSVOA_Y
 ClientSampled :
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Tot Ion:	114	Resp:	406618
Ion Ratio	Lower	Upper	
114	100		
63	17.6	0.0	36.4
88	14.3	0.0	29.6

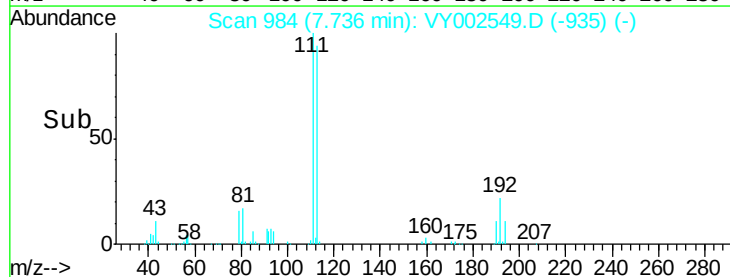
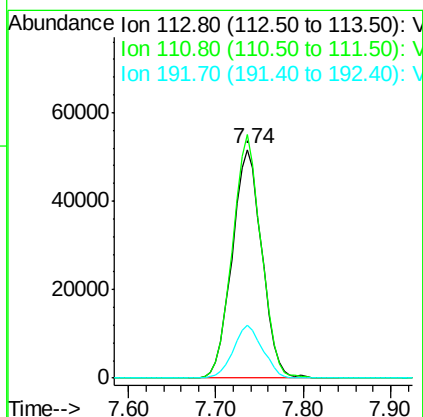
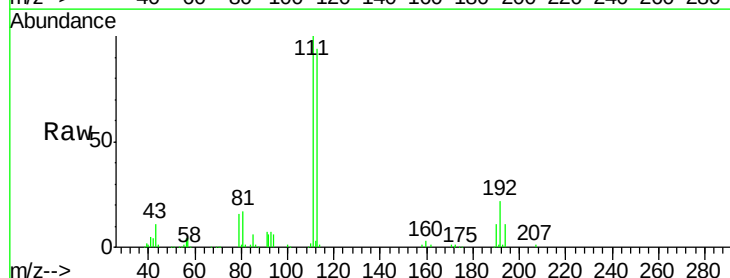
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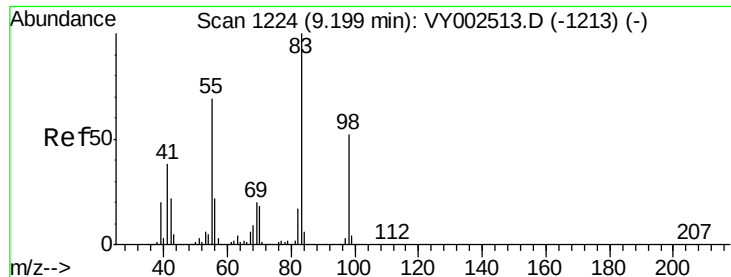
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#35
 Dibromofluoromethane
 Concen: 52.544 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Tgt Ion:	113	Resp:	122189
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.8	122.6
192	22.8	18.2	27.4





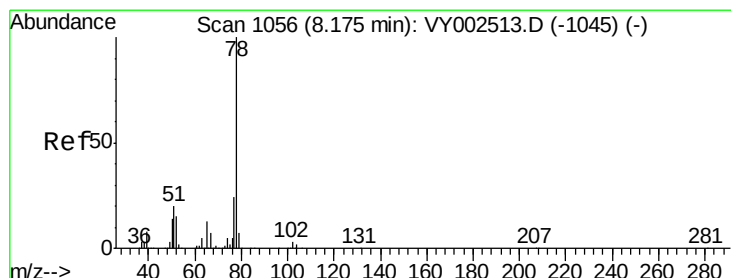
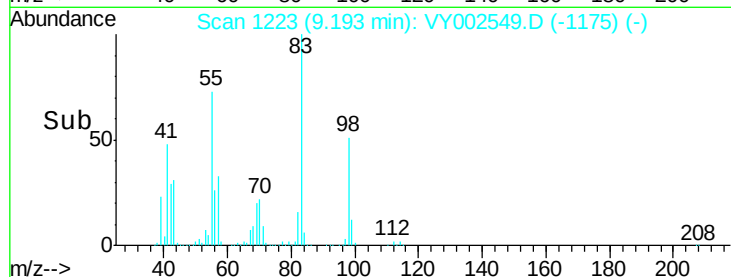
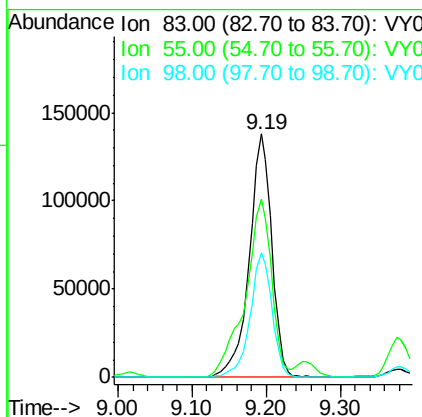
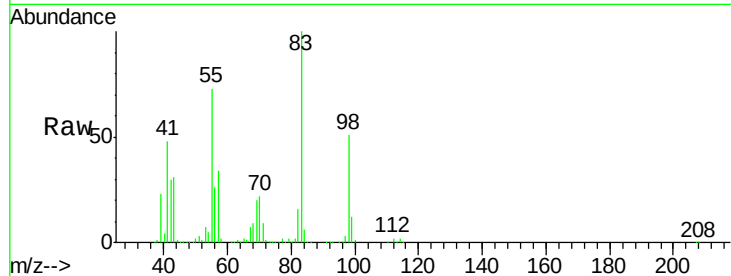
#39
Methylvlcyclohexane
Concen: 64.872 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
207

Tot Ion	Ratio	Resp	Lower	Upper
83	100	292072		
55	73.1		55.4	83.0
98	51.3		41.3	61.9

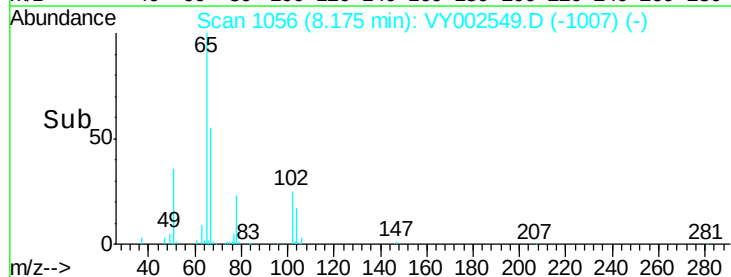
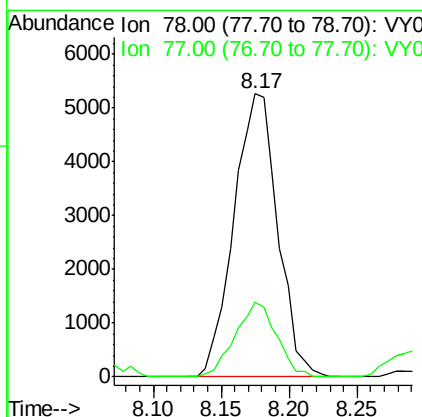
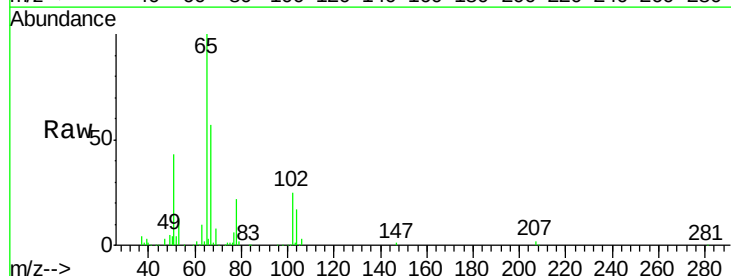
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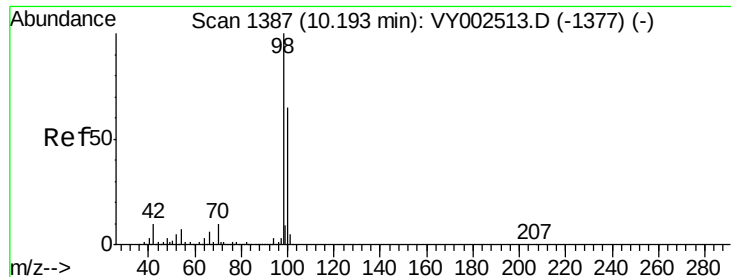
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#40
Benzene
Concen: 1.203 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	11848		
77	26.5		19.2	28.8





#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002549.D

Acq: 04 May 2020 18:17

Instrument :

MSVOA_Y

ClientSampled :

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Tot Ion: 98 Resp: 450963

Ion Ratio Lower Upper

98 100

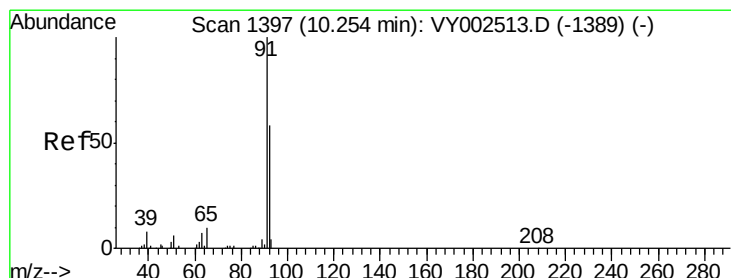
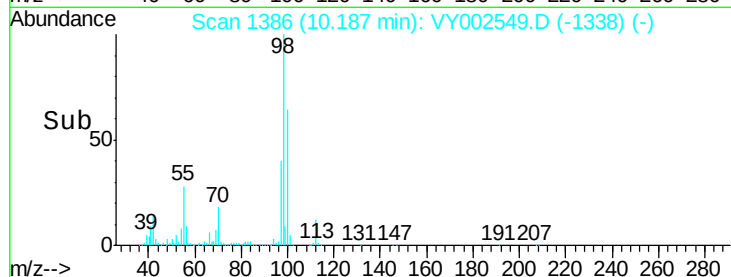
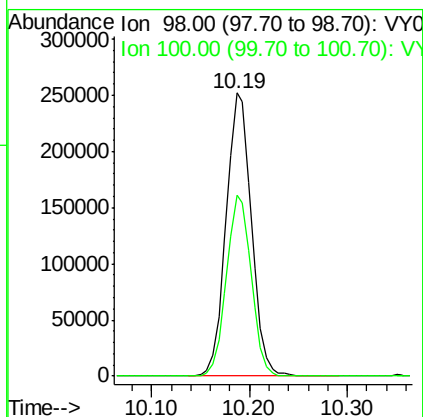
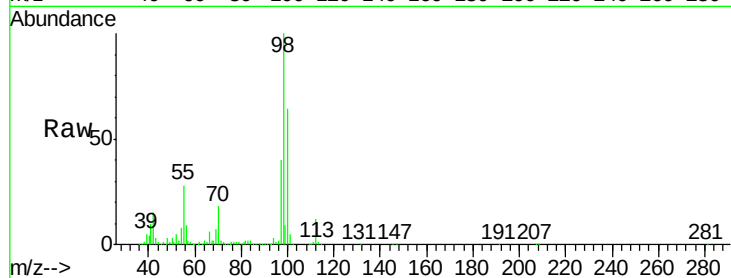
100 62.4 52.2 78.2

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#52

Toluene

Concen: 2881.930 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002549.D

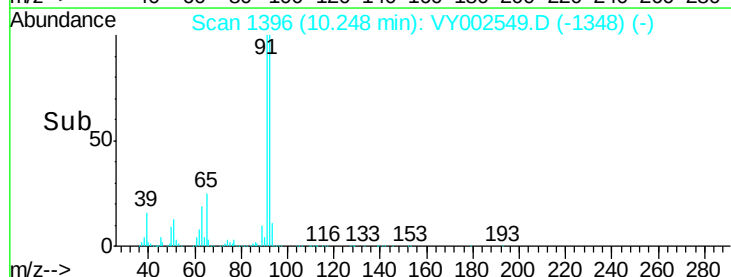
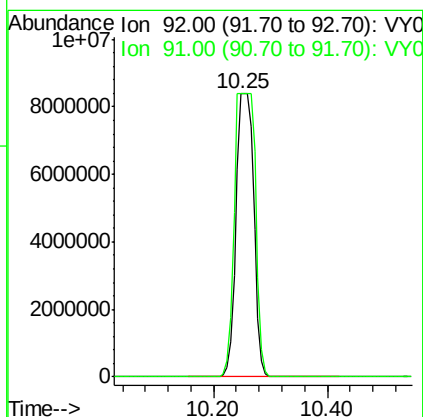
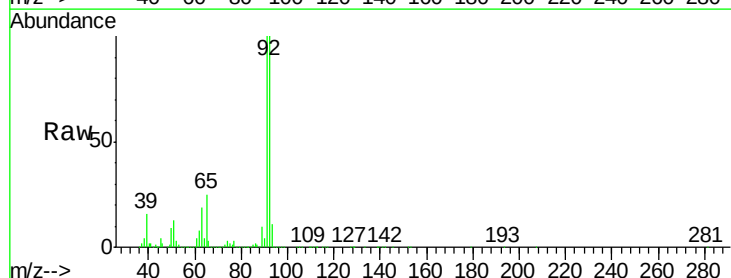
Acq: 04 May 2020 18:17

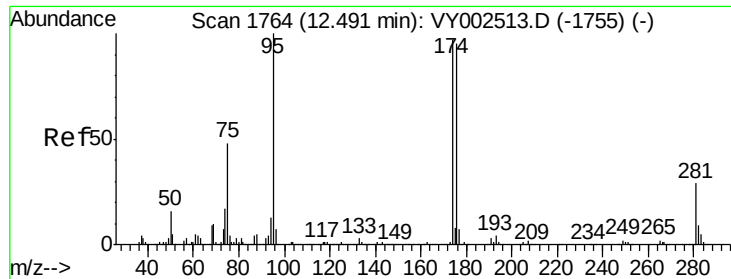
Tgt Ion: 92 Resp: 18234544

Ion Ratio Lower Upper

92 100

91 0.0 139.3 208.9#





#62

4-Bromofluorobenzene

Concen: 32.485 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002549.D

Acq: 04 May 2020 18:17

Instrument :

MSVOA_Y

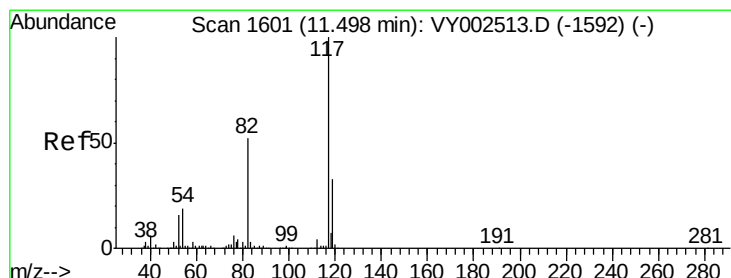
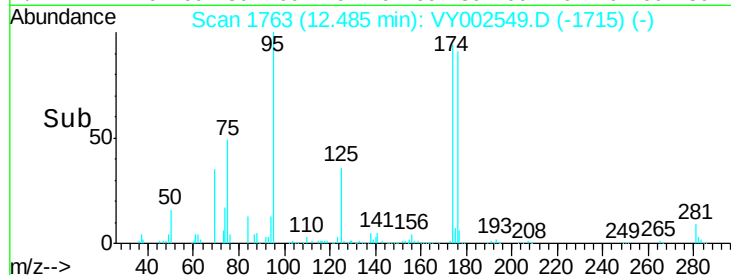
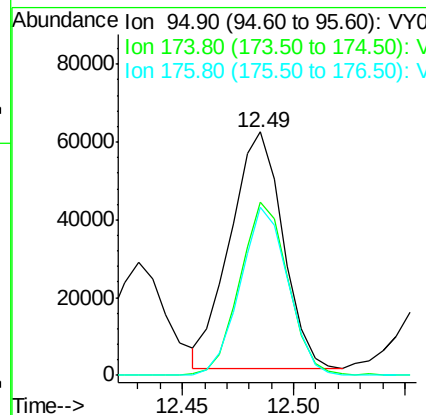
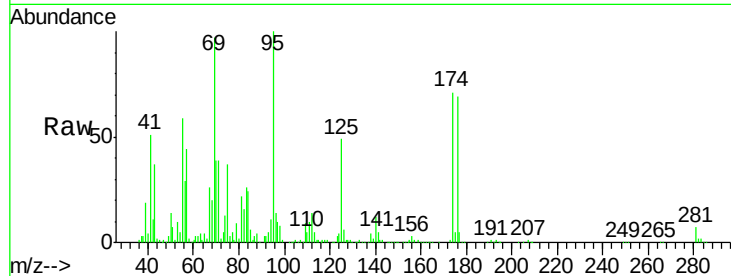
ClientSampled :

207

Tot Ion:	95	Resp:	100102
Ion Ratio	Lower	Upper	
95	100		
174	66.4	0.0	188.8
176	64.4	0.0	183.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

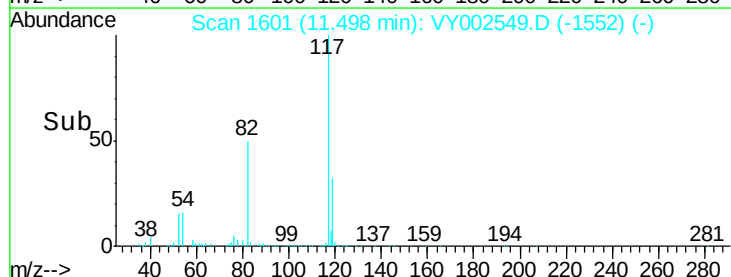
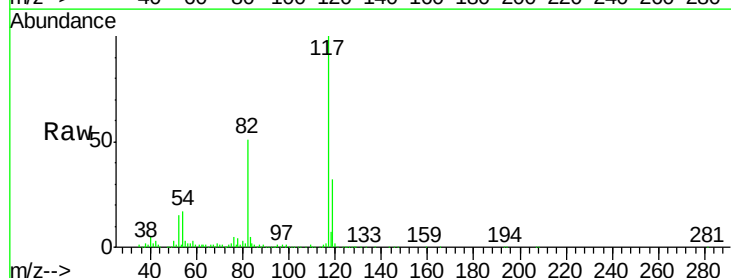
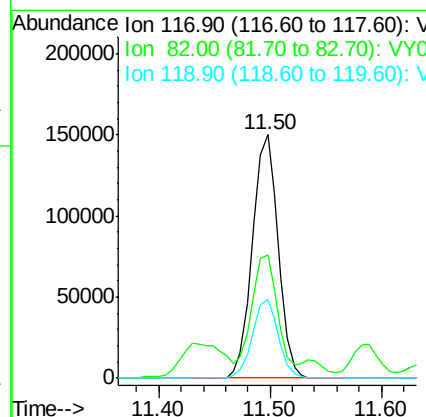
RT: 11.50 min Scan# 1601

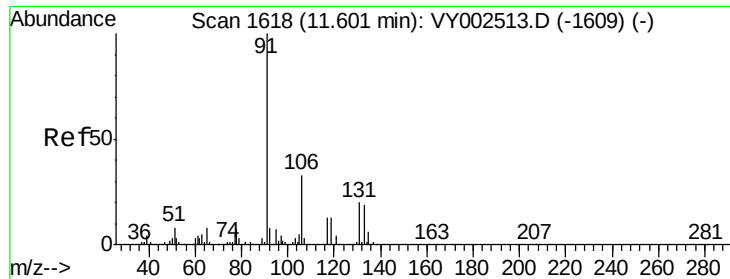
Delta R.T. -0.00 min

Lab File: VY002549.D

Acq: 04 May 2020 18:17

Tgt Ion:	117	Resp:	241050
Ion Ratio	Lower	Upper	
117	100		
82	47.8	41.3	61.9
119	32.3	26.0	39.0





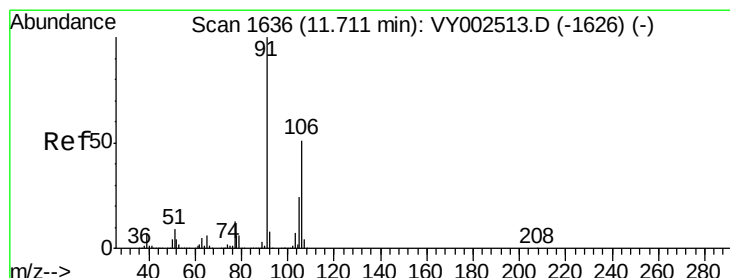
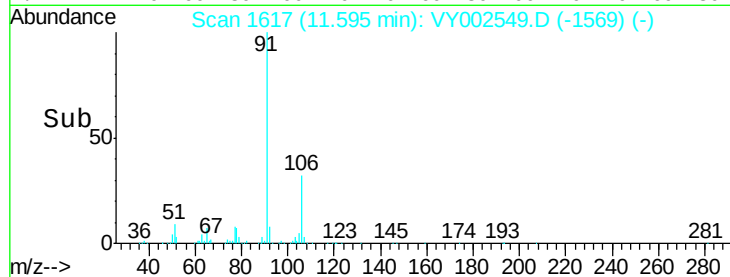
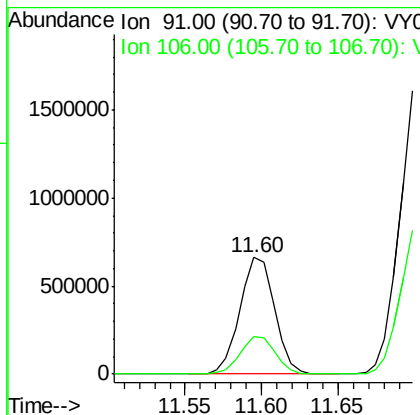
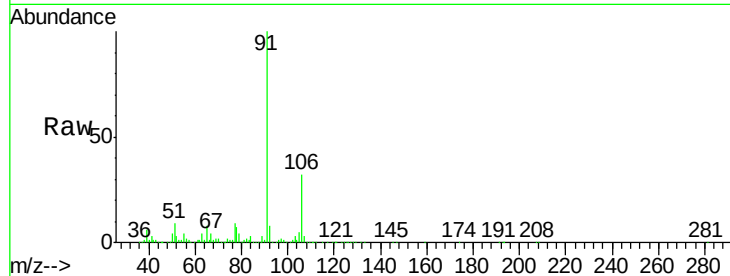
#67
Ethyl Benzene
Concen: 130.059 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
207

Tot Ion: 91 Resp: 1046879
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

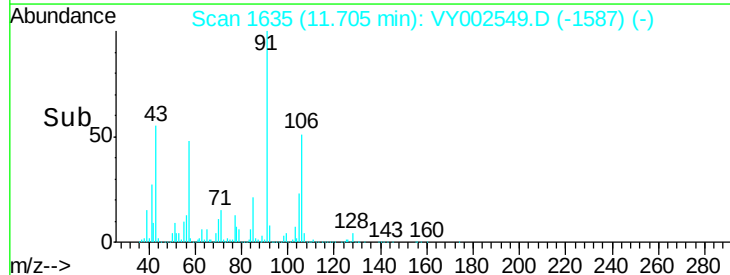
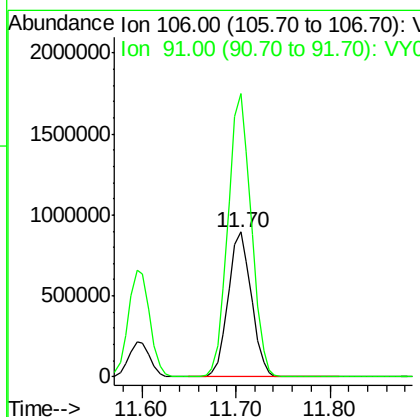
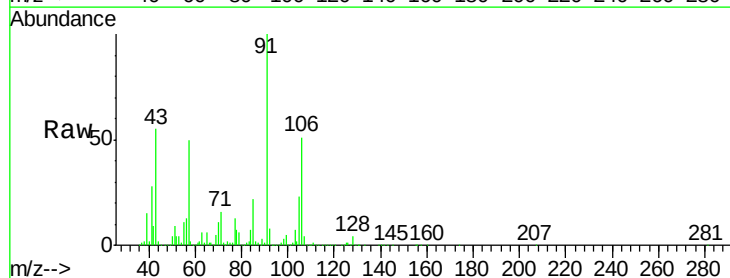
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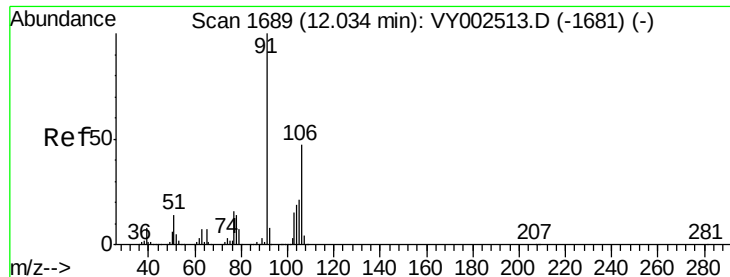
MMDadoda
5/5/2020 11:29:07 AM



#68
m/p-Xylenes
Concen: 490.242 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion: 106 Resp: 1526824
Ion Ratio Lower Upper
106 100
91 195.9 155.2 232.8





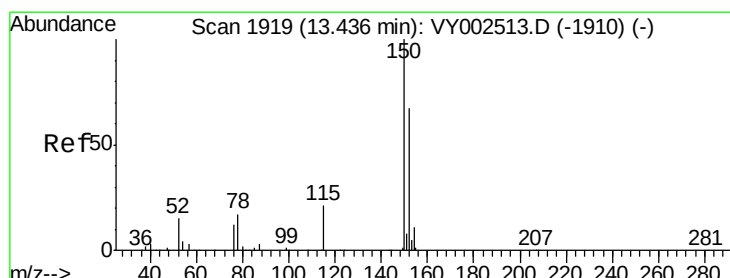
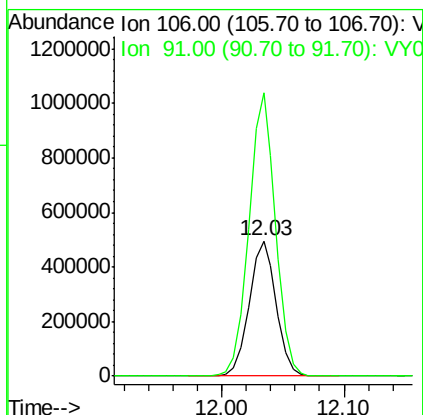
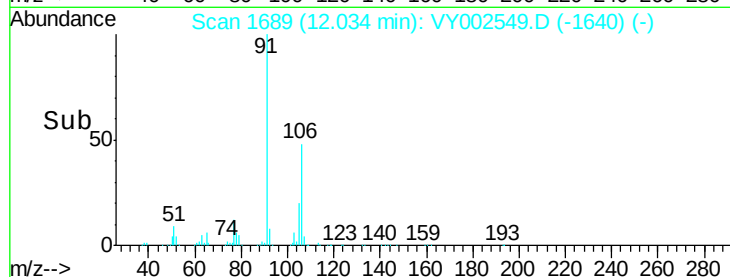
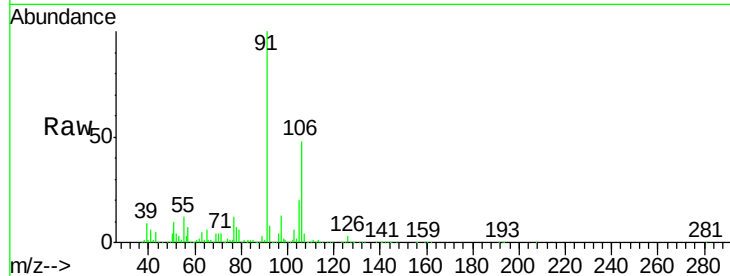
#69
o-Xylene
Concen: 258.004 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampled :
207

Tot Ion:106 Resp: 752364
Ion Ratio Lower Upper
106 100
91 207.0 103.8 311.3

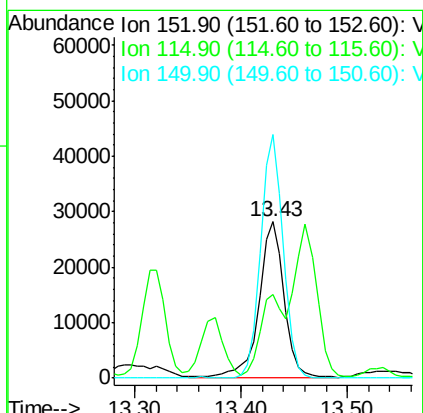
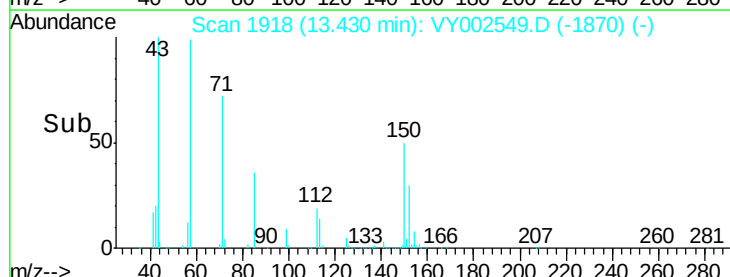
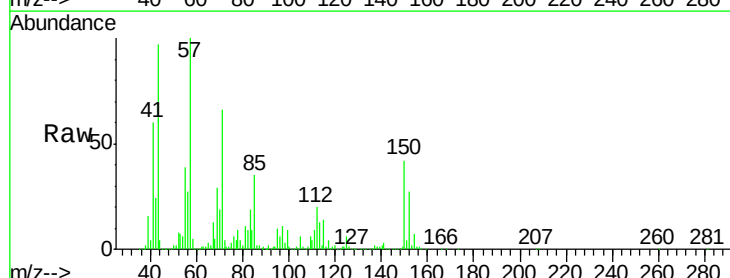
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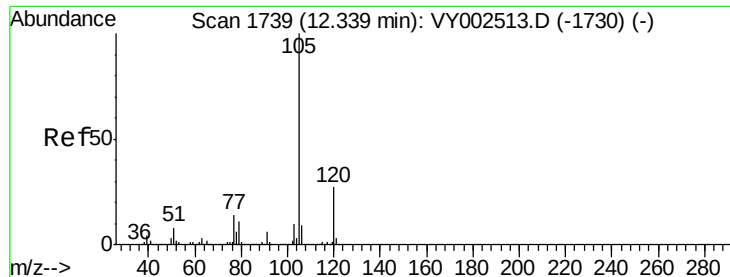
MMDadoda
5/5/2020 11:29:07 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion:152 Resp: 46023
Ion Ratio Lower Upper
152 100
115 49.8 27.5 82.4
150 140.7 0.0 346.4





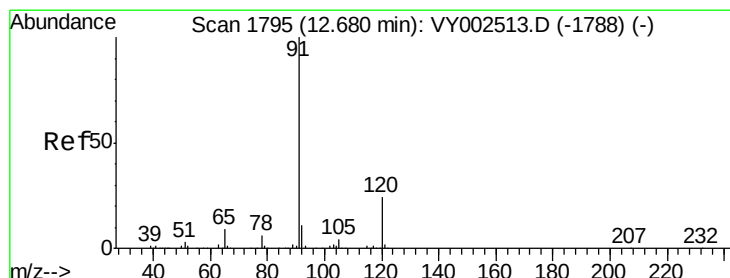
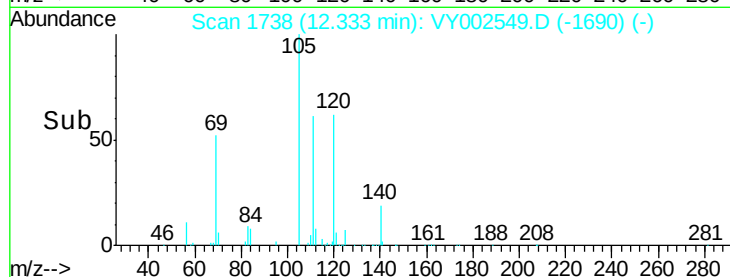
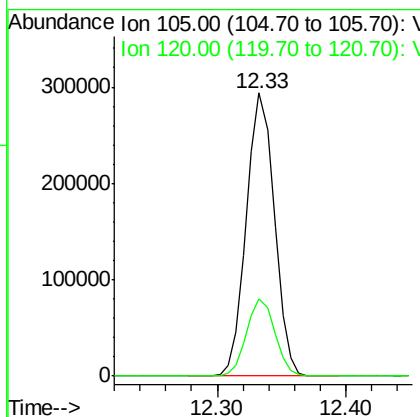
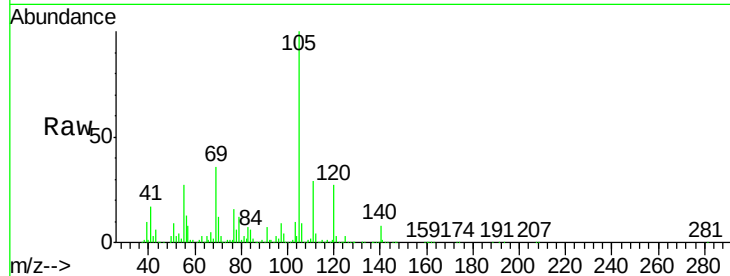
#73
Isopropylbenzene
Concen: 148.142 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampleId :
207

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.8	41.3

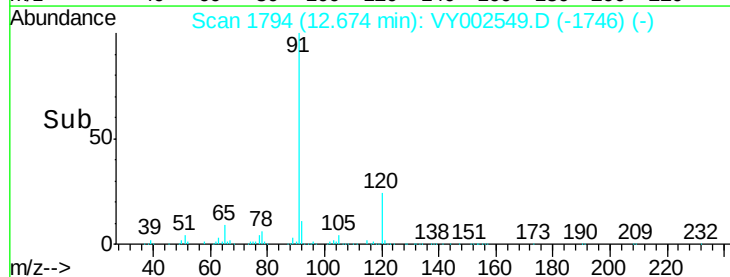
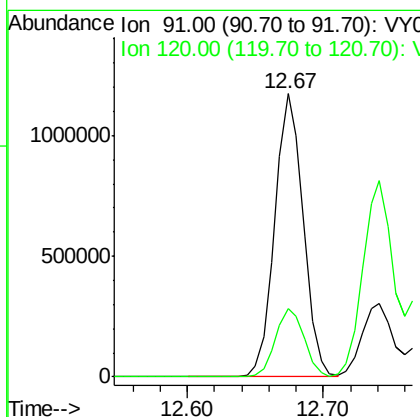
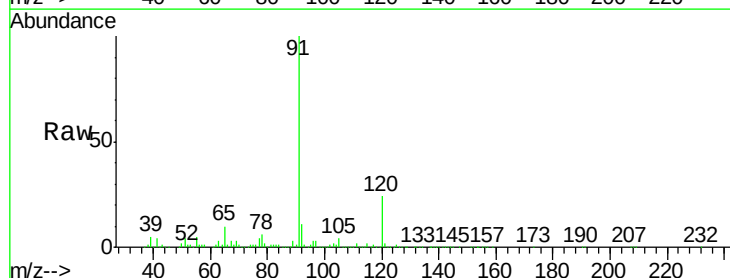
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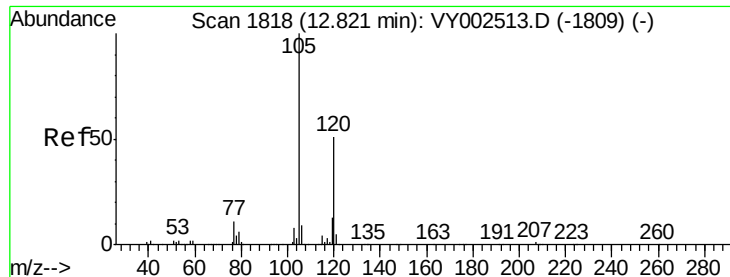
MMDadoda
5/5/2020 11:29:07 AM



#78
n-propylbenzene
Concen: 493.024 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.2	36.4





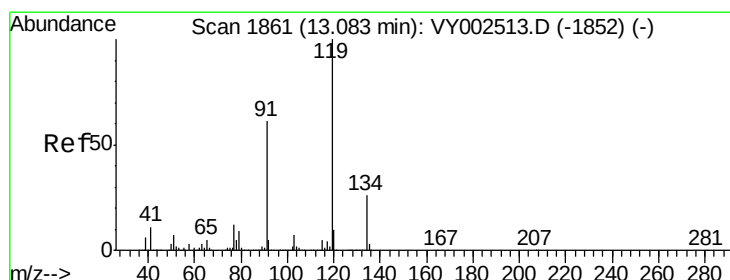
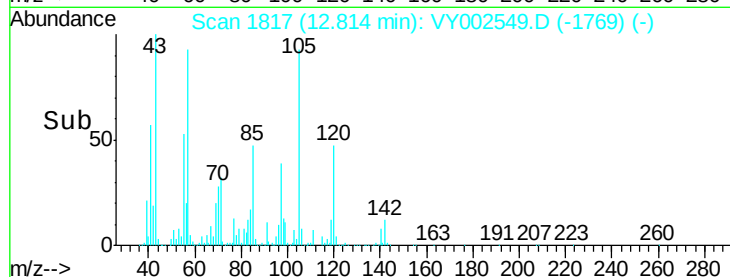
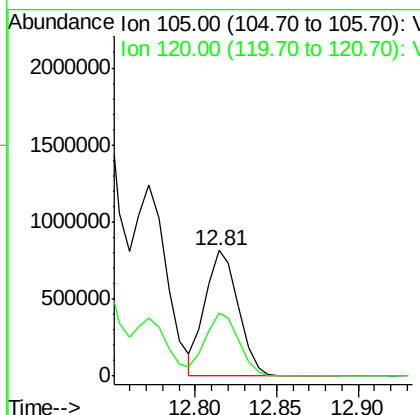
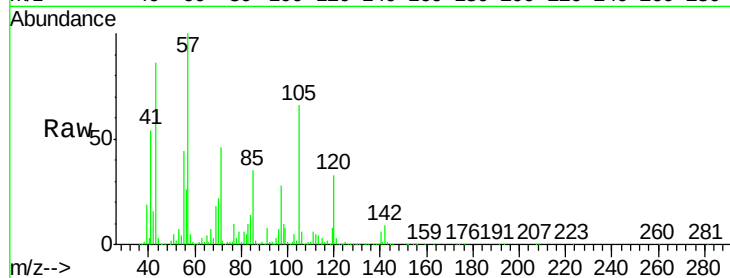
#80
 1,3,5-Trimethylbenzene
 Concen: 465.817 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Instrument :
 MSVOA_Y
 ClientSampled :
 207

Tot Ion:105 Resp: 1151711
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9

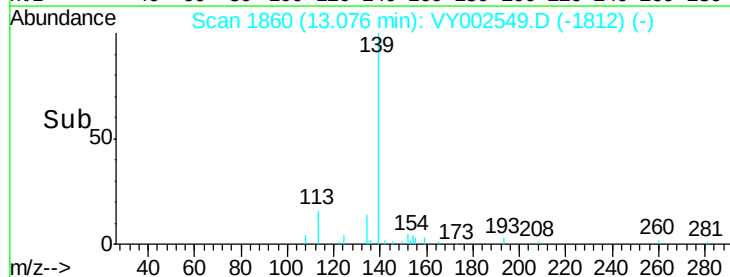
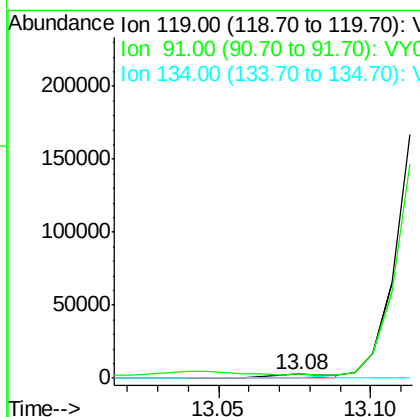
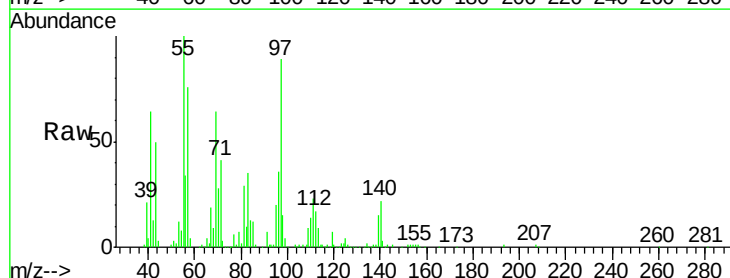
Manual Integrations
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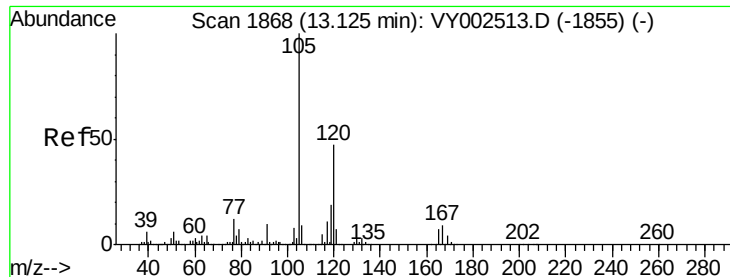
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#83
 tert-Butylbenzene
 Concen: 1.776 ug/l m
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Tgt Ion:119 Resp: 3851
 Ion Ratio Lower Upper
 119 100
 91 10681.3 30.6 91.6#
 134 0.0 13.5 40.4#





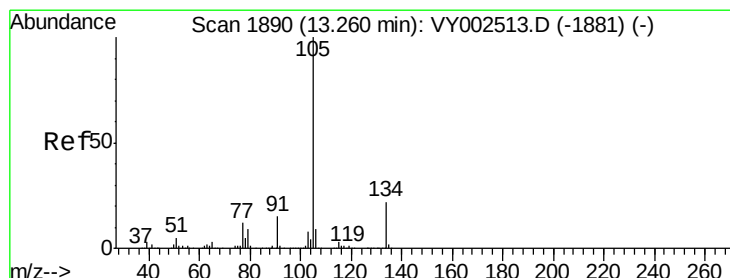
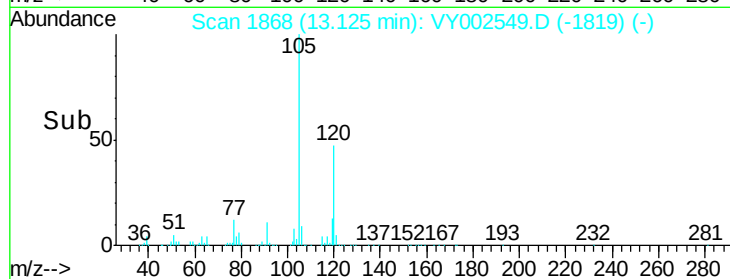
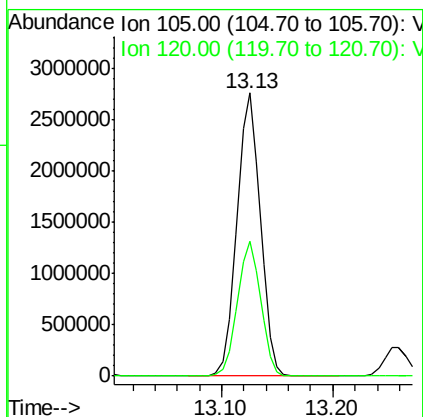
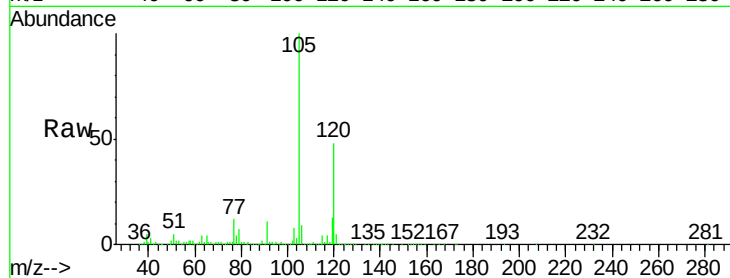
#84
1,2,4-Trimethylbenzene
Concen: 1622.311 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampleId :
207

Tot Ion:105 Resp: 3997506
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.3

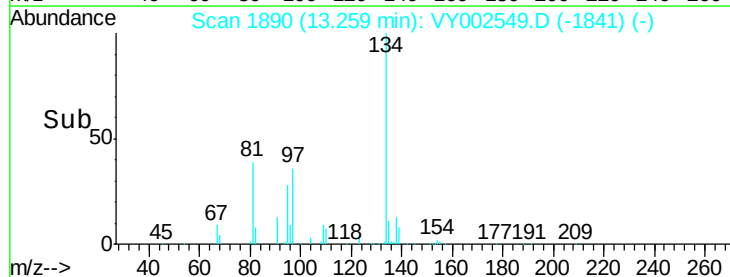
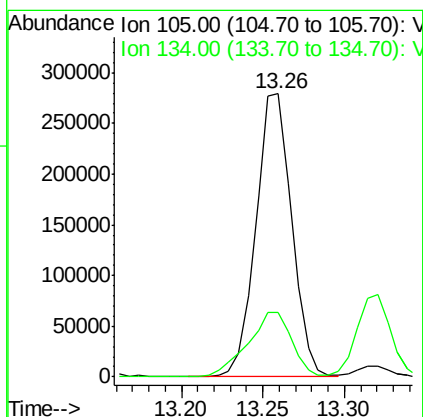
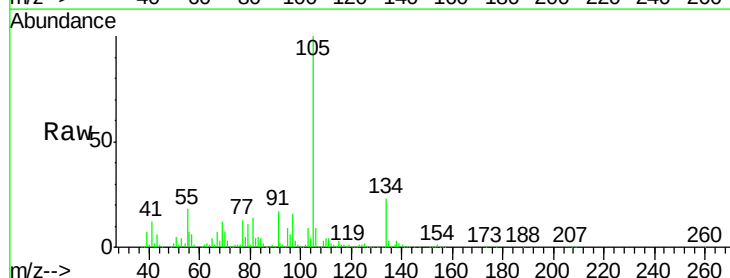
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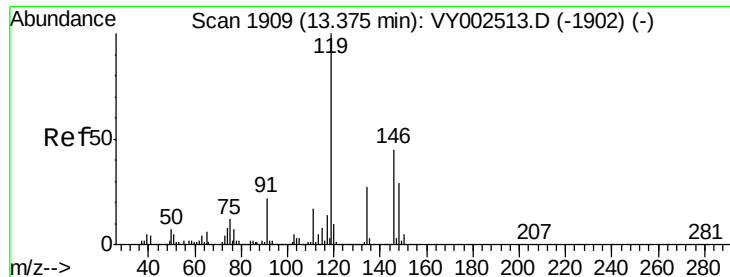
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#85
sec-Butylbenzene
Concen: 140.437 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Tgt Ion:105 Resp: 422469
Ion Ratio Lower Upper
105 100
134 28.6 10.8 32.3





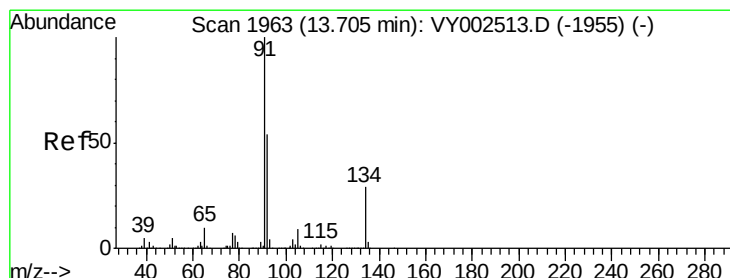
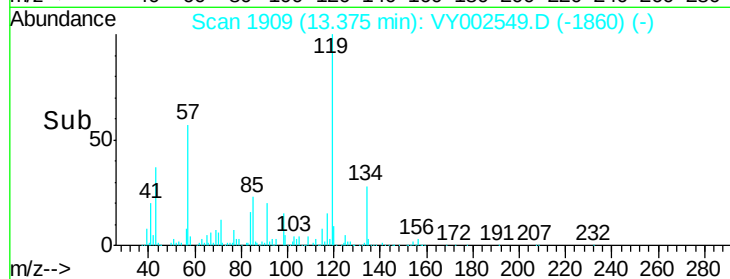
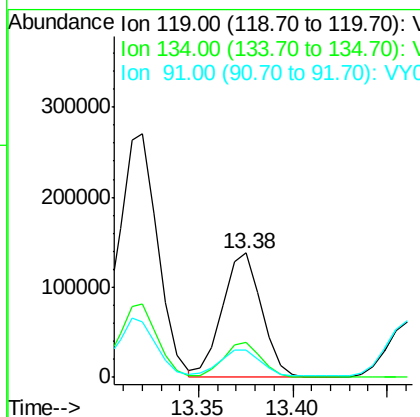
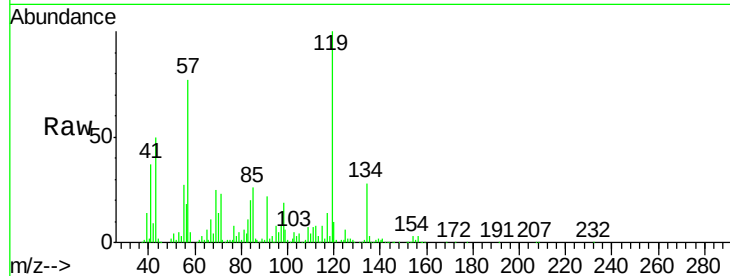
#86
 p-Isopropyltoluene
 Concen: 70.925 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Instrument :
 MSVOA_Y
 ClientSampled :
 207

Tot Ion:	119	Resp:	199917
Ion Ratio	Lower	Upper	
119	100		
134	27.3	13.5	40.5
91	22.1	10.9	32.9

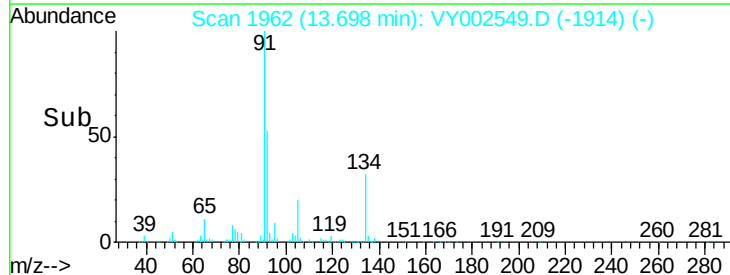
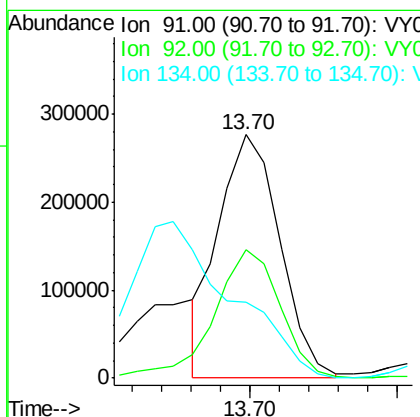
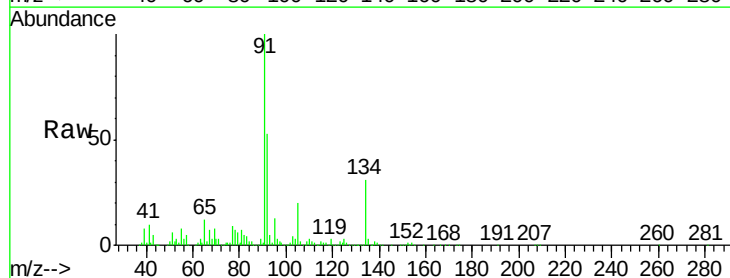
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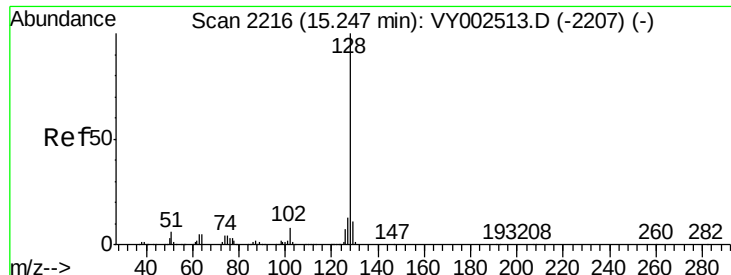
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#89
 n-Butylbenzene
 Concen: 155.503 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY002549.D
 Acq: 04 May 2020 18:17

Tgt Ion:	91	Resp:	399019
Ion Ratio	Lower	Upper	
91	100		
92	56.0	27.1	81.3
134	0.0	14.4	43.0#





#95
Naphthalene
Concen: 46.977 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002549.D
Acq: 04 May 2020 18:17

Instrument :
MSVOA_Y
ClientSampleId :
207

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.6	8.8	13.2

Manual Integrations
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