

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001534.D
 Acq On : 06 Feb 2020 16:34
 Operator : SY/MD
 Sample : L1365-01RE
 Misc : 7.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Manual Integrations
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MMDadoda
 2/7/2020 4:50:53 PM

Quant Time: Feb 07 04:35:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	166287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	305015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	252017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	82746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	98663	58.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.86%	
35) Dibromofluoromethane	7.74	113	90523	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.19	98	353174	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.49	95	107865	41.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.30%	
Target Compounds						
16) Acetone	3.97	43	54518	112.571	ug/l	93
17) Carbon Disulfide	4.21	76	10305	1.852	ug/l #	94
25) 2-Butanone	7.02	43	9109	14.498	ug/l #	85
73) Isopropylbenzene	12.33	105	47225	7.483	ug/l	100
78) n-propylbenzene	12.67	91	60499	8.008	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	47812	8.996	ug/l	99
83) tert-Butylbenzene	13.08	119	19237	4.282	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	79702	15.152	ug/l	100
85) sec-Butylbenzene	13.25	105	62638	9.917	ug/l #	68
86) p-Isopropyltoluene	13.37	119	22193	3.987	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	50330	19.194	ug/l	91
89) n-Butylbenzene	13.70	91	53593m	9.759	ug/l	
95) Naphthalene	15.24	128	278093	74.028	ug/l	99

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

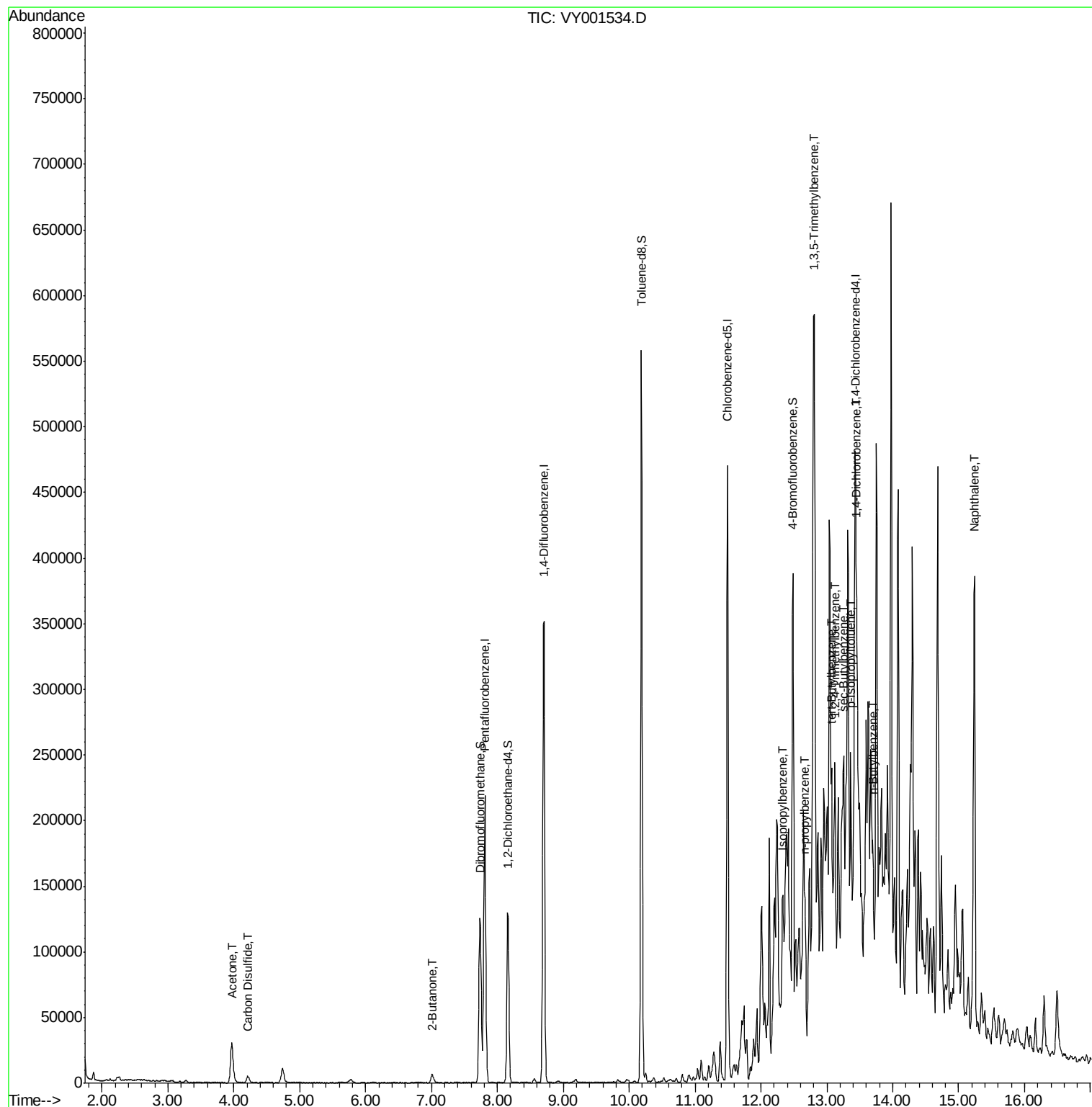
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
Data File : VY001534.D
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Sample : L1365-01RE
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ALS Vial : 12 Sample Multiplier: 1

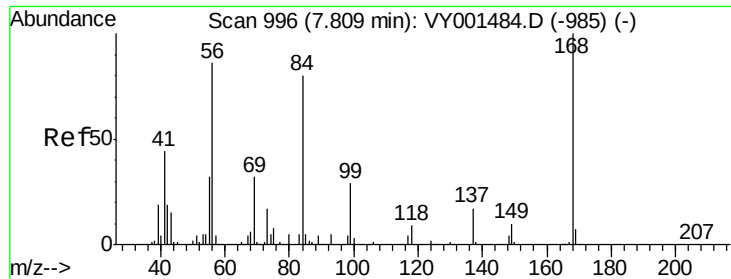
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-020520RE

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Quant Time: Feb 07 04:35:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 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: VY001534.D

Acq: 06 Feb 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-020520RE

Tot Ion:168 Resp: 166287

Ion Ratio Lower Upper

168 100

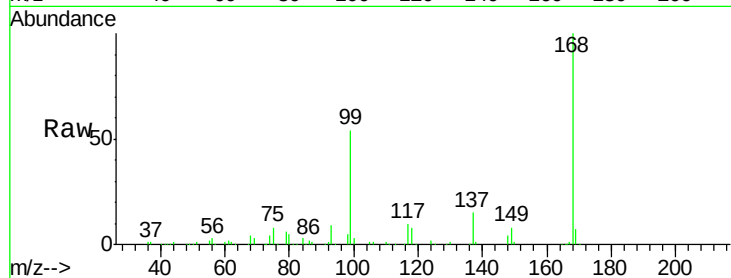
99 53.7 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001534.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001534.D (-947) (-)

7.81

80000

60000

40000

20000

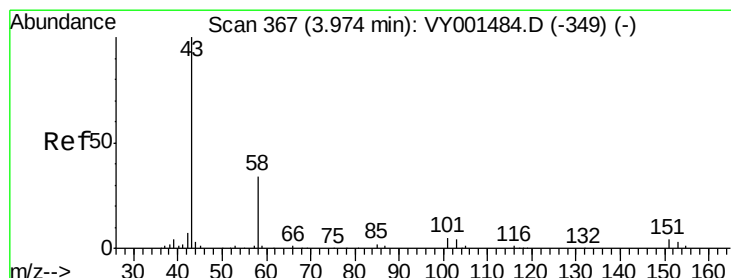
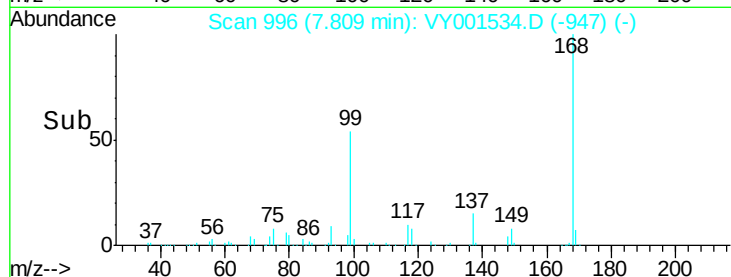
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 112.571 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001534.D

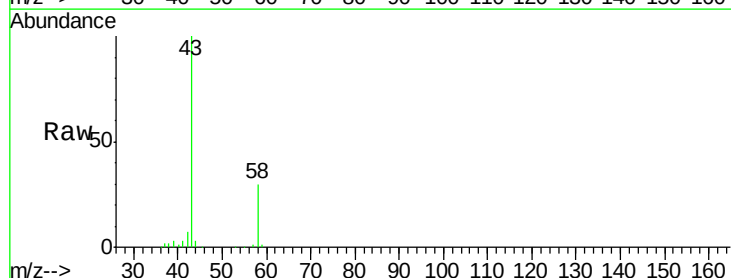
Acq: 06 Feb 2020 16:34

Tgt Ion: 43 Resp: 54518

Ion Ratio Lower Upper

43 100

58 30.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001534.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001534.D (-318) (-)

3.97

20000

15000

10000

5000

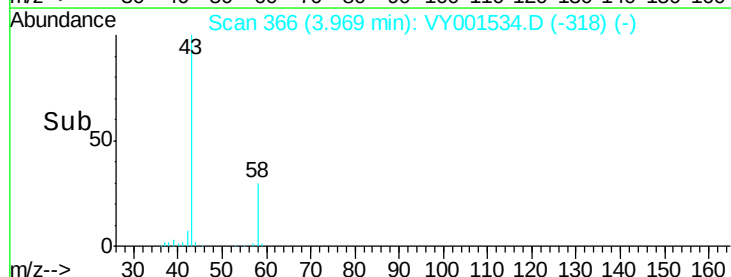
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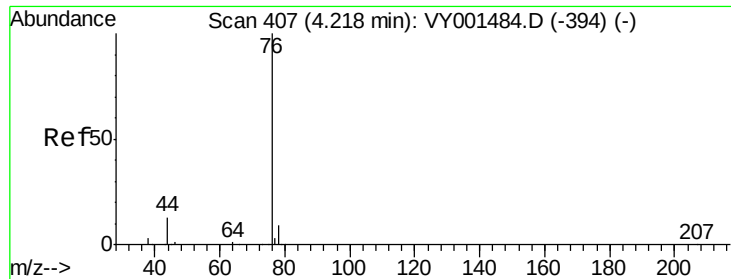
Time-->

3.90

4.00

4.10





#17

Carbon Disulfide

Concen: 1.852 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.01 min

Lab File: VY001534.D

Acq: 06 Feb 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-020520RE

Tot Ion: 76 Resp: 10305

Ion Ratio Lower Upper

76 100

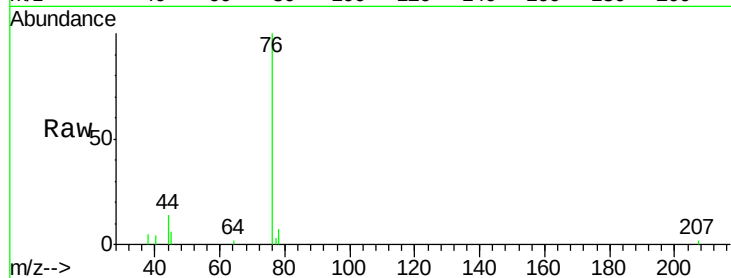
78 6.6 7.0 10.6#

Manual Integrations

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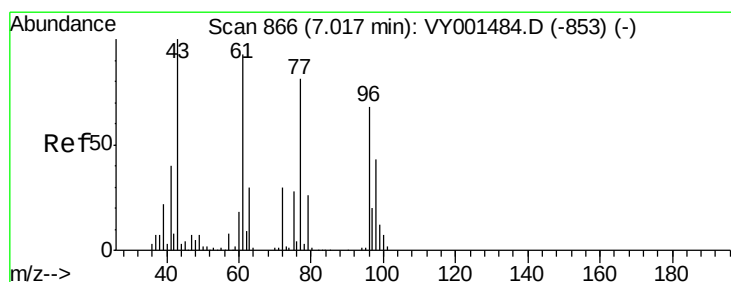
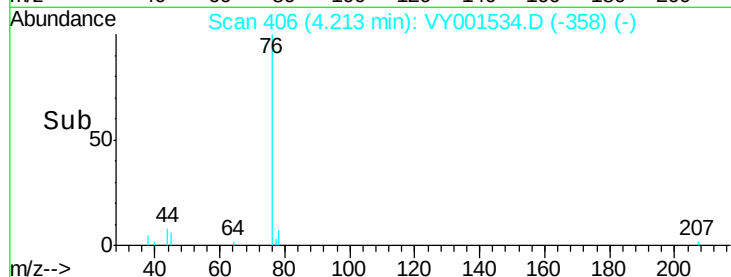
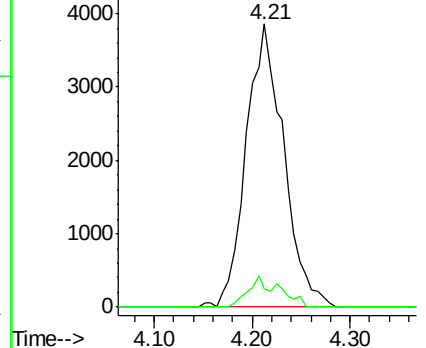
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 14.498 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001534.D

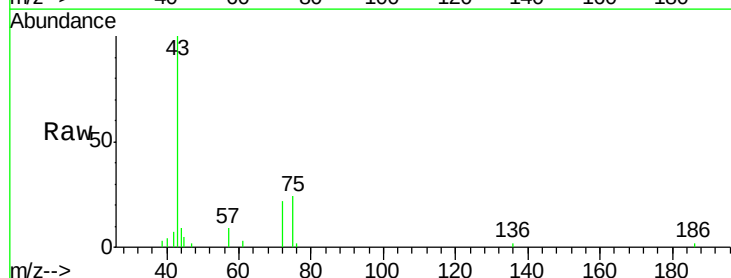
Acq: 06 Feb 2020 16:34

Tgt Ion: 43 Resp: 9109

Ion Ratio Lower Upper

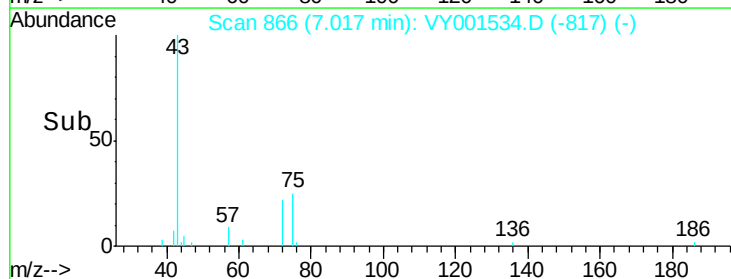
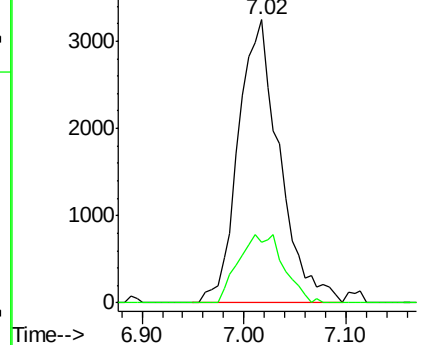
43 100

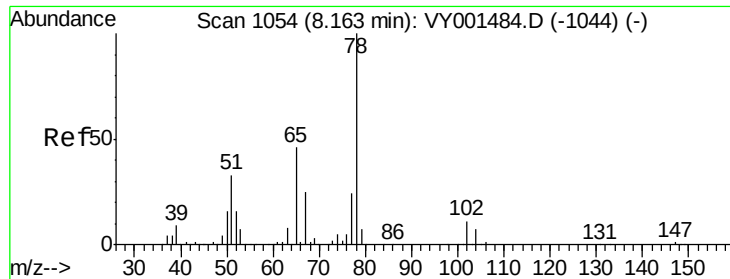
72 21.5 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0





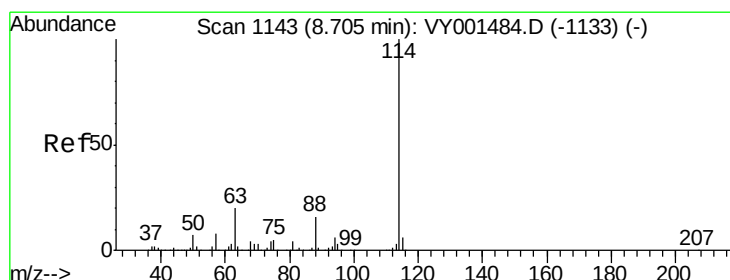
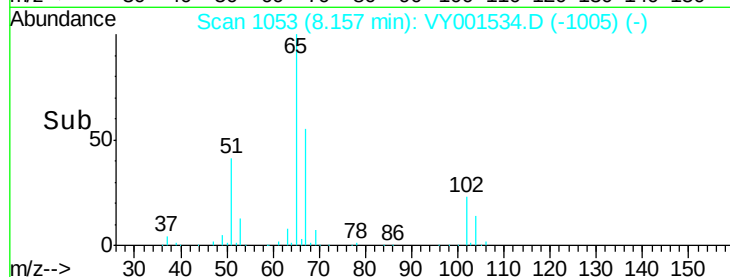
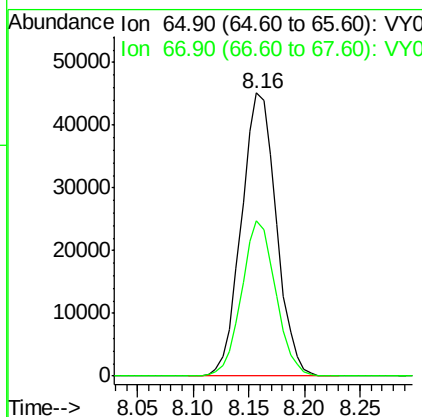
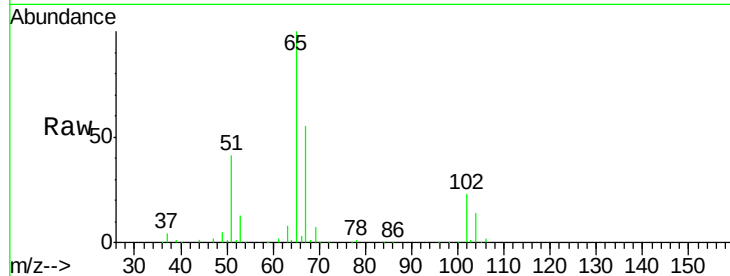
#33
 1,2-Dichloroethane-d4
 Concen: 58.929 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6

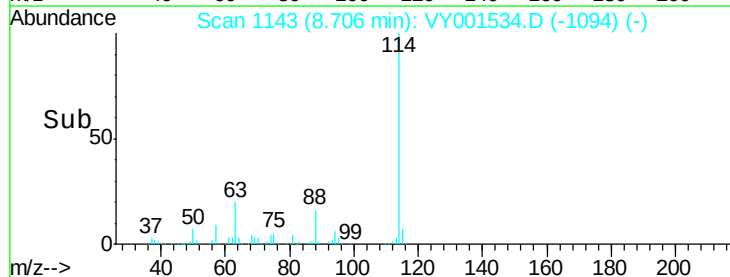
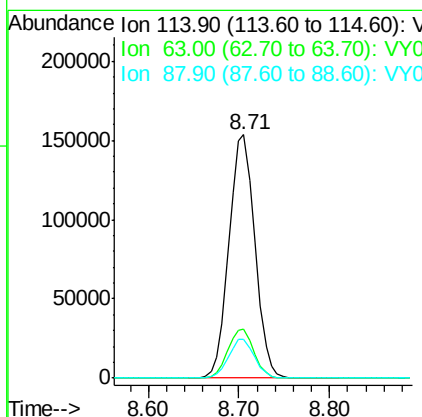
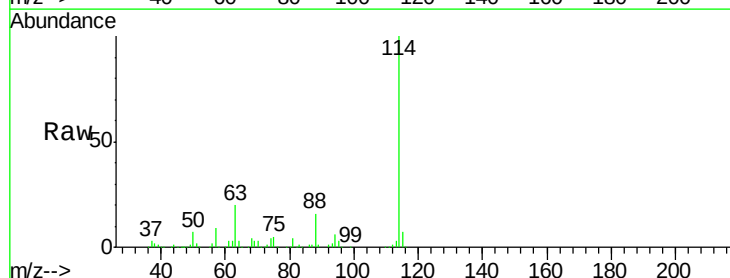
Manual Integrations
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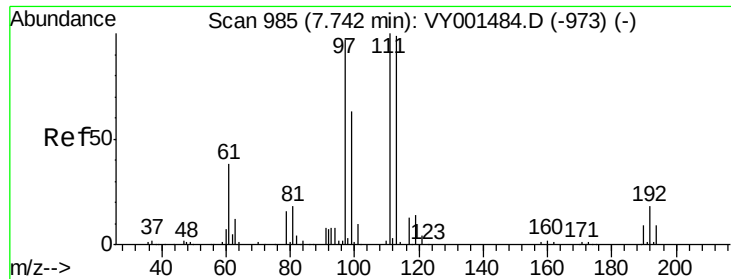
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.7	0.0	32.6





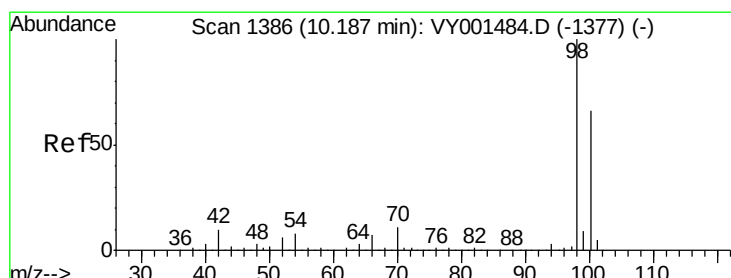
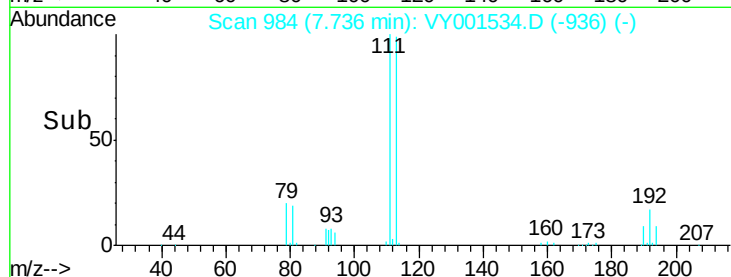
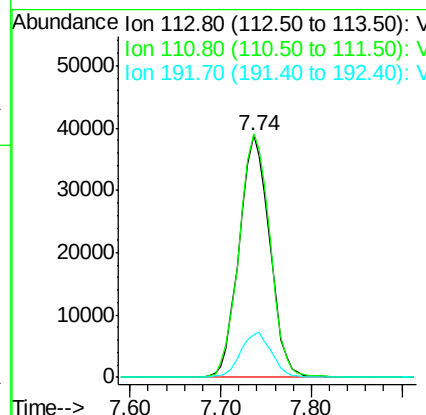
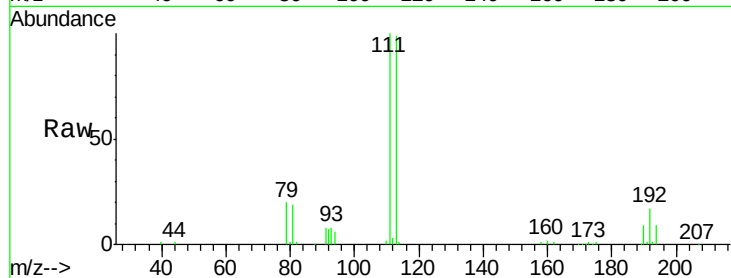
#35
Dibromofluoromethane
Concen: 51.467 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001534.D
Acq: 06 Feb 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-020520RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	18.7	14.6	22.0

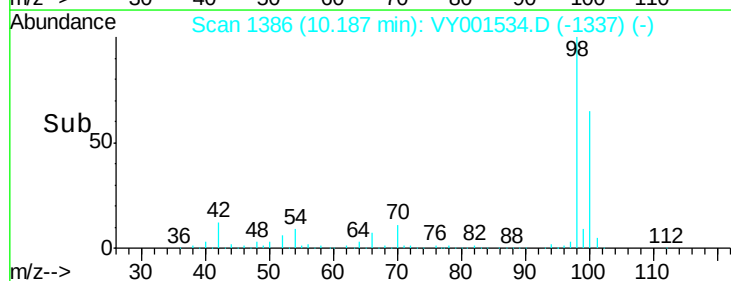
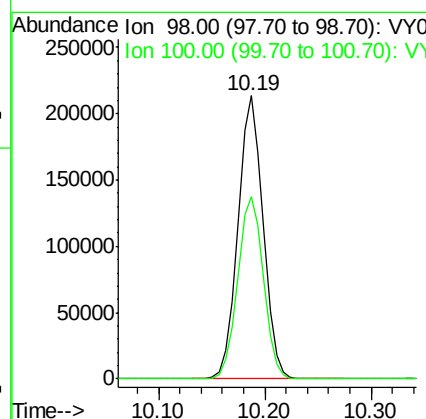
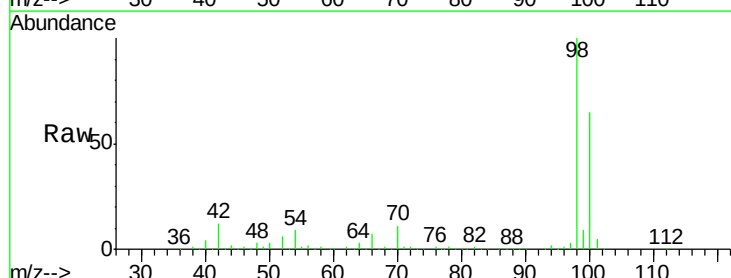
Manual Integrations
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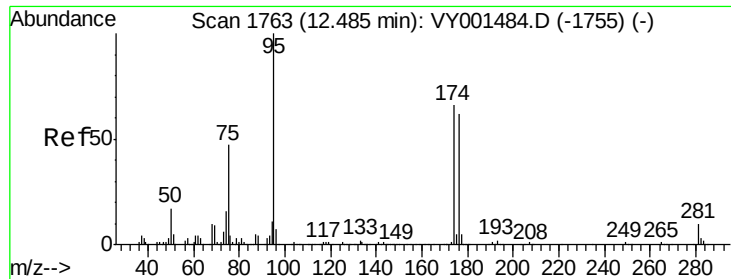
MMDadoda
2/7/2020 4:50:53 PM



#50
Toluene-d8
Concen: 53.073 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001534.D
Acq: 06 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





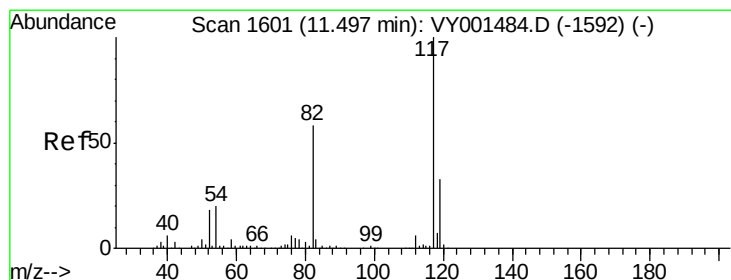
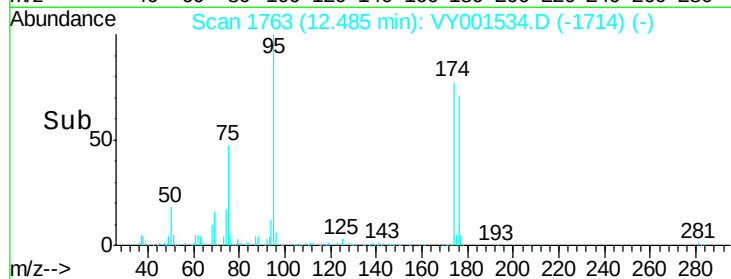
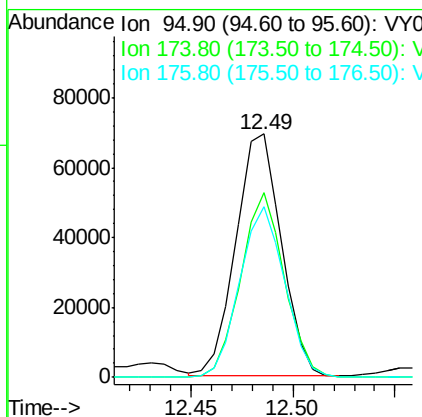
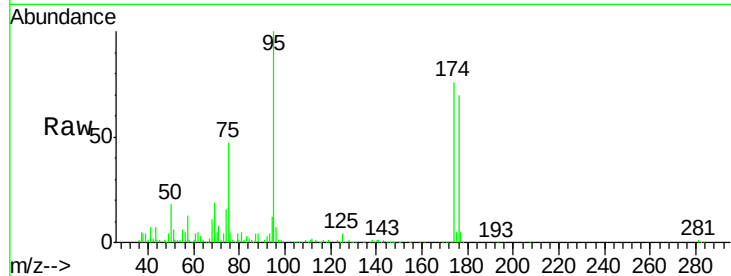
#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001534.D
Acq: 06 Feb 2020 16:34

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-020520RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	107865		
174	73.0	0.0	141.4	
176	69.2	0.0	135.4	

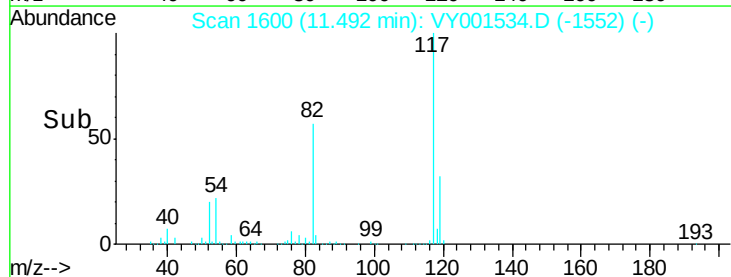
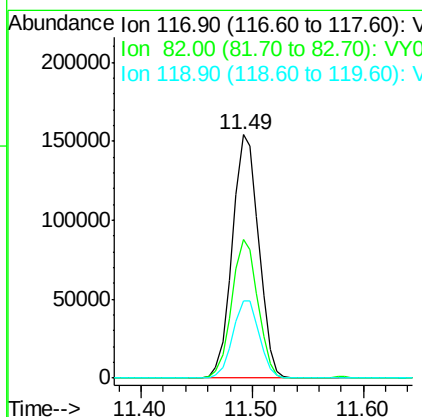
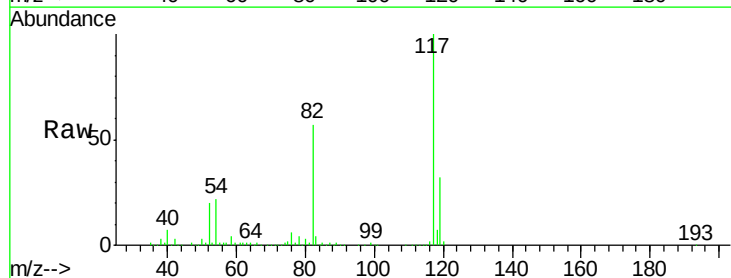
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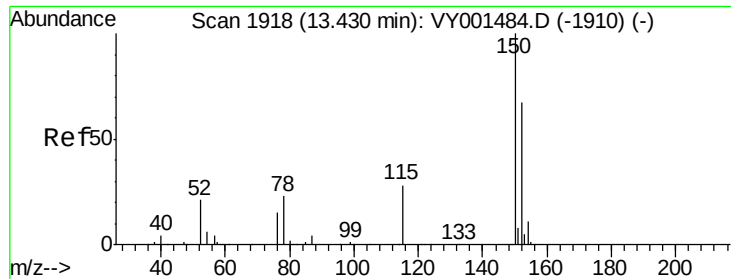
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2/7/2020 4:50:53 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001534.D
Acq: 06 Feb 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	252017		
82	56.7	46.1	69.1	
119	31.6	26.1	39.1	





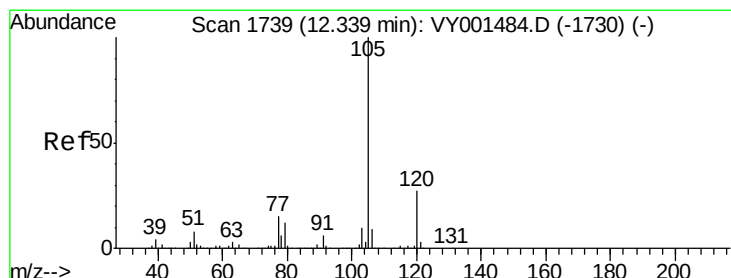
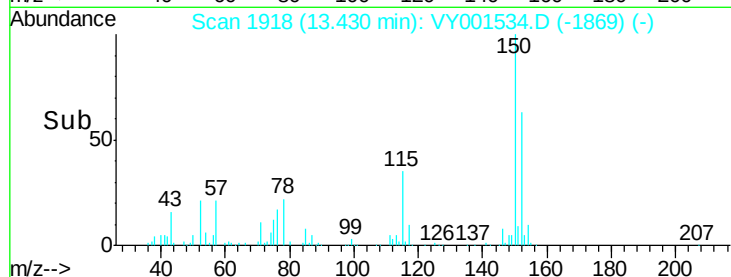
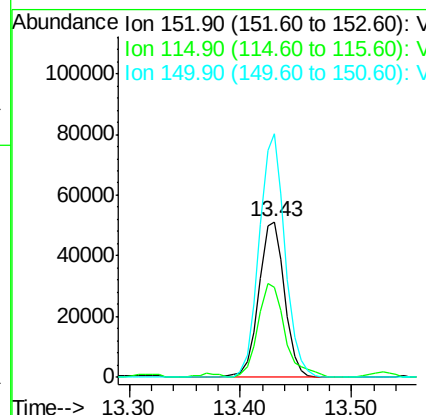
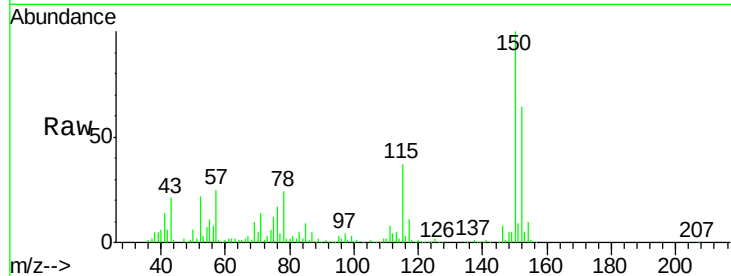
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.4	94.3
150	156.3	0.0	346.8

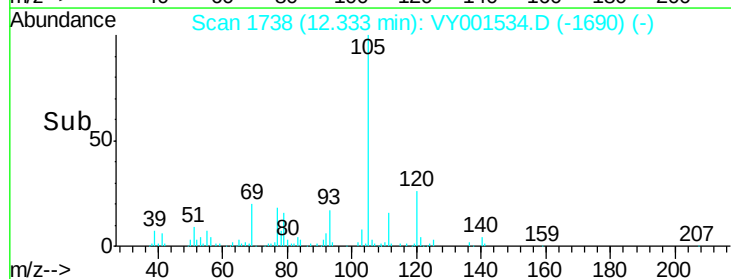
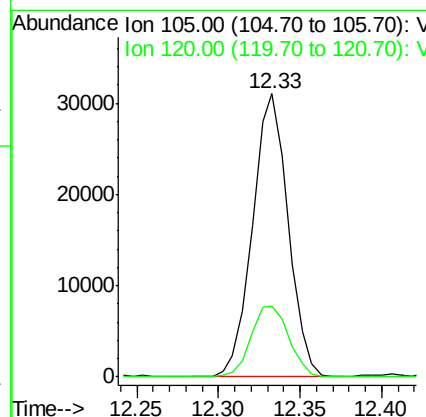
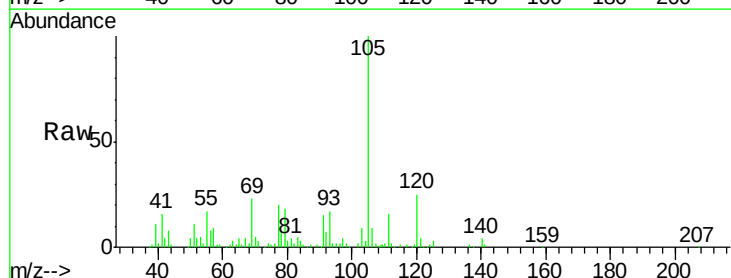
Manual Integrations
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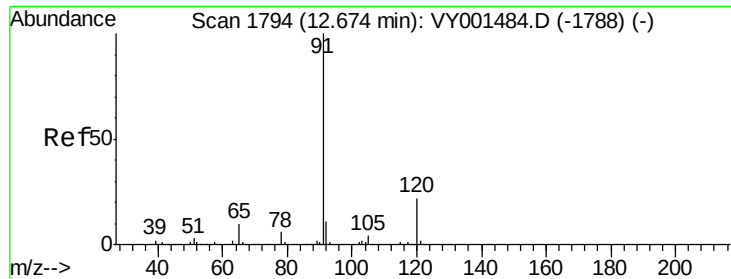
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#73
 Isopropylbenzene
 Concen: 7.483 ug/l
 RT: 12.33 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.3	39.9





#78

n-propylbenzene

Concen: 8.008 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY001534.D

Acq: 06 Feb 2020 16:34

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-020520RE

Tot Ion: 91 Resp: 60499

Ion Ratio Lower Upper

91 100

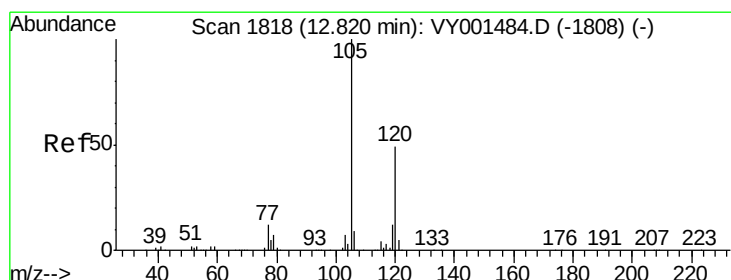
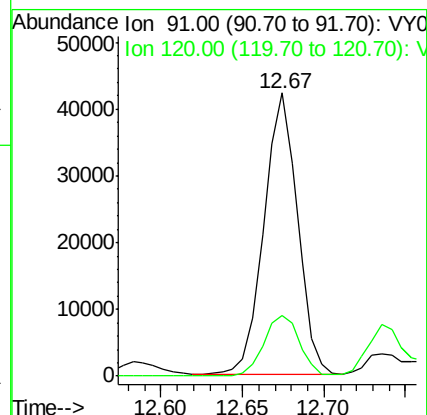
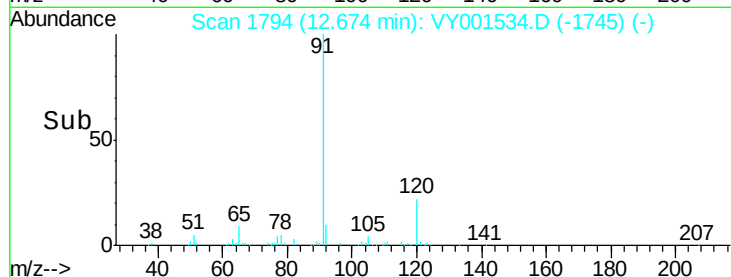
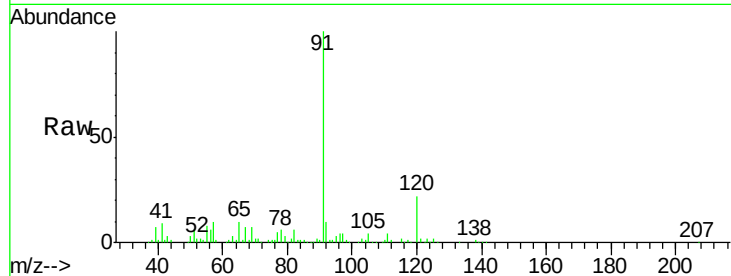
120 23.1 11.4 34.2

Manual Integrations

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2/7/2020 4:50:53 PM



#80

1,3,5-Trimethylbenzene

Concen: 8.996 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001534.D

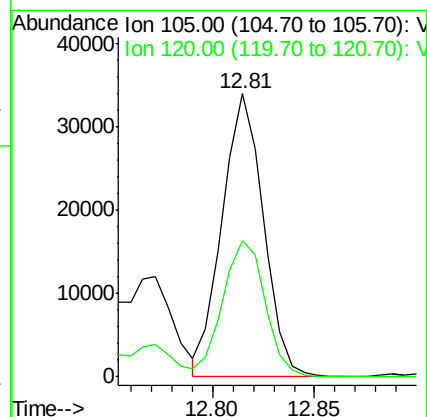
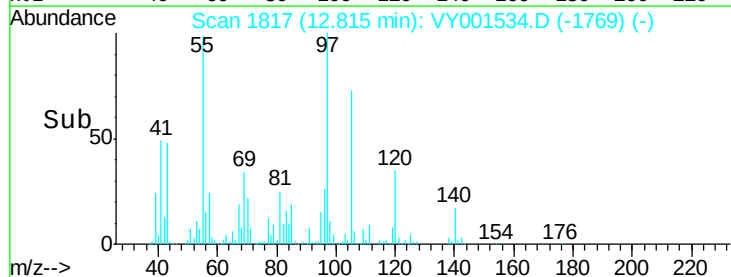
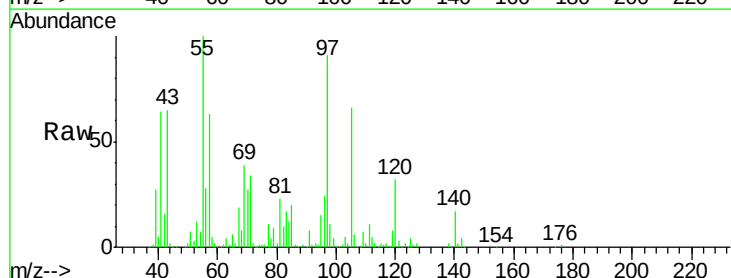
Acq: 06 Feb 2020 16:34

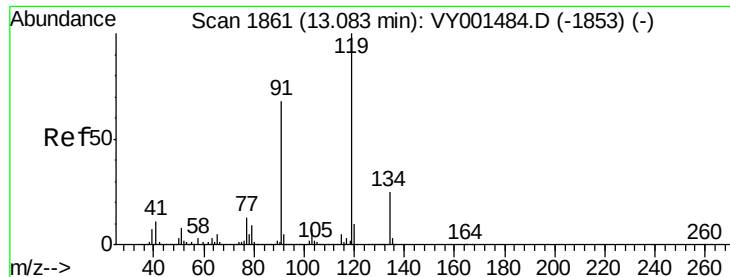
Tgt Ion: 105 Resp: 47812

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#83

tert-Butylbenzene

Concen: 4.282 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.01 min

Lab File: VY001534.D

Acq: 06 Feb 2020 16:34

Instrument :

MSVOA_Y

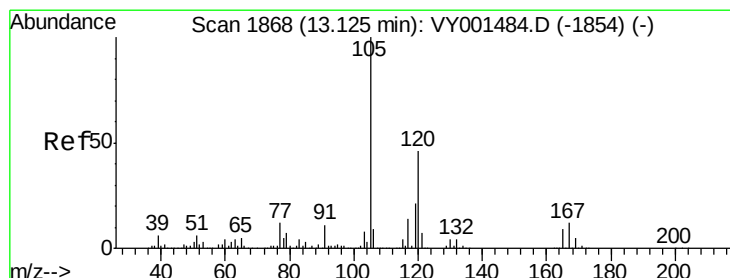
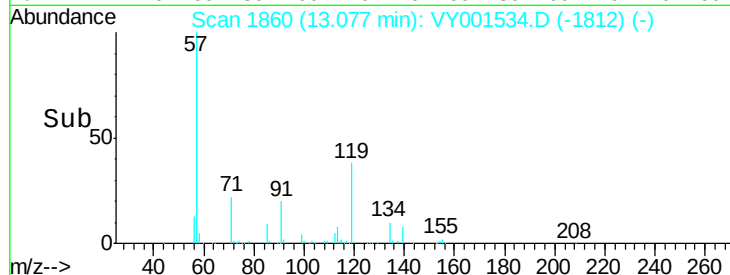
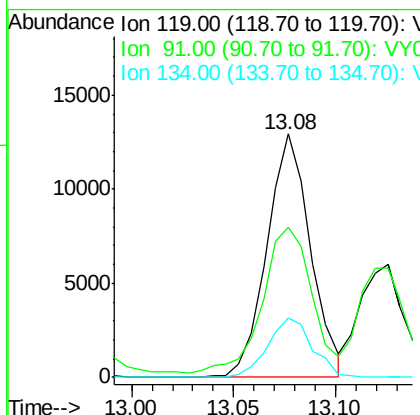
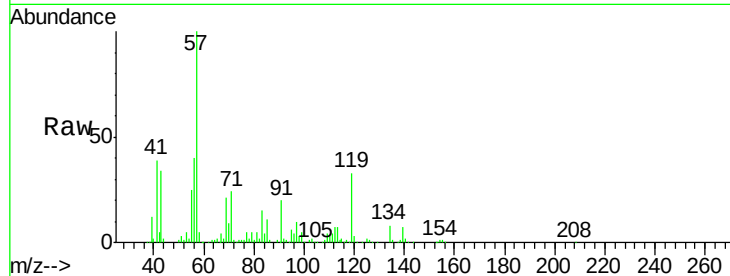
ClientSampleId :

CL-01-020520RE

Tot Ion:	119	Resp:	19237
Ion Ratio	Lower	Upper	
119	100		
91	67.4	33.1	99.3
134	24.9	13.0	39.0

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#84

1,2,4-Trimethylbenzene

Concen: 15.152 ug/l

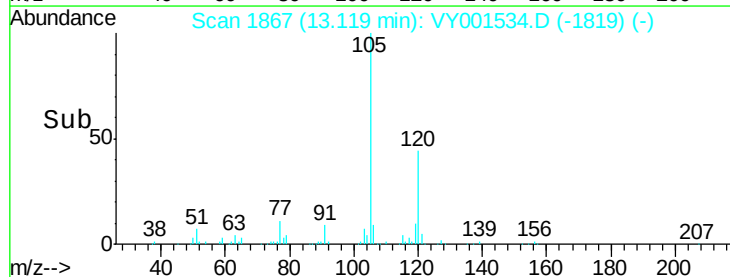
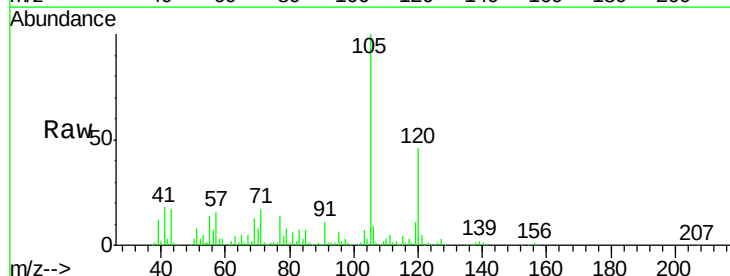
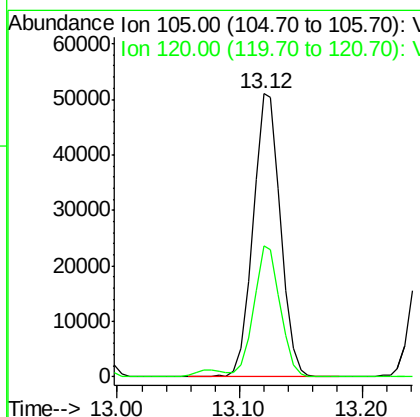
RT: 13.12 min Scan# 1867

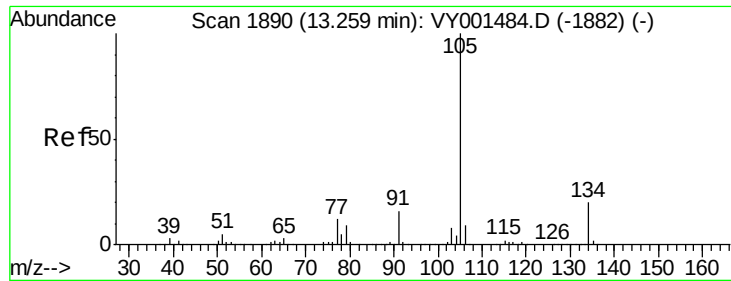
Delta R.T. -0.01 min

Lab File: VY001534.D

Acq: 06 Feb 2020 16:34

Tgt Ion:	105	Resp:	79702
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.4	67.0





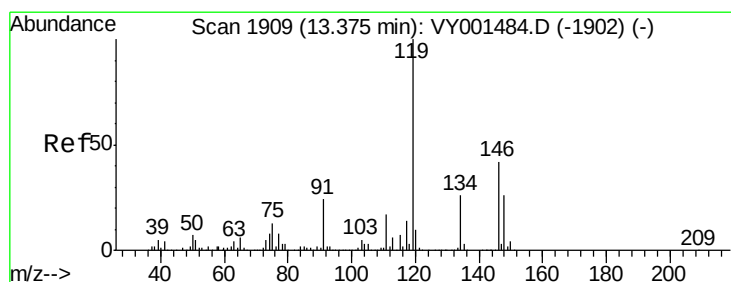
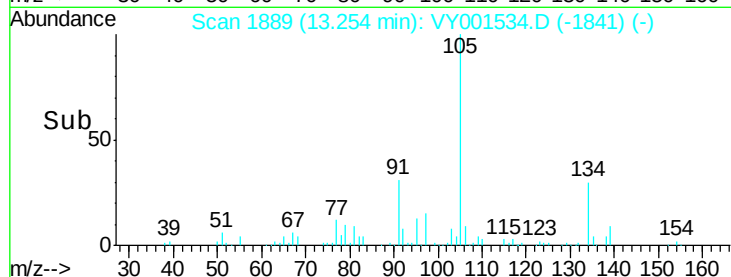
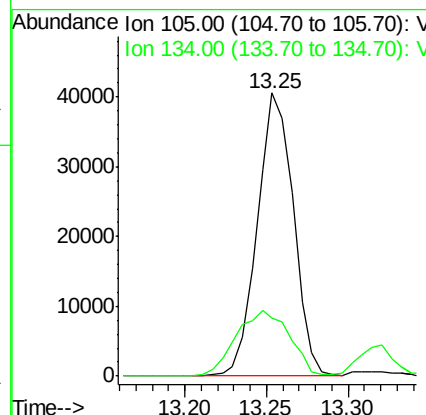
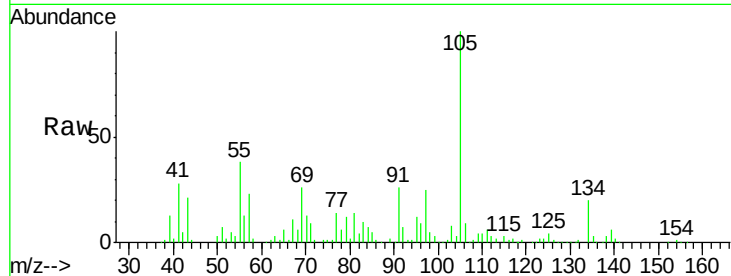
#85
 sec-Butylbenzene
 Concen: 9.917 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Tot Ion:105 Resp: 62638
 Ion Ratio Lower Upper
 105 100
 134 34.4 10.0 29.8#

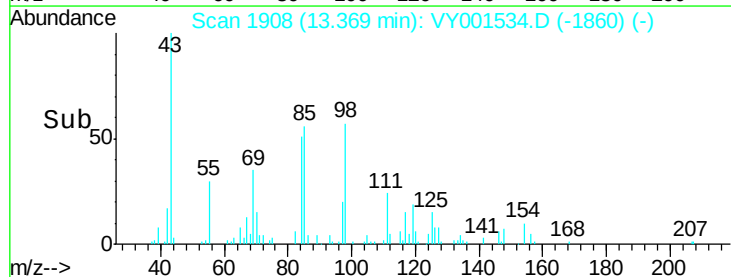
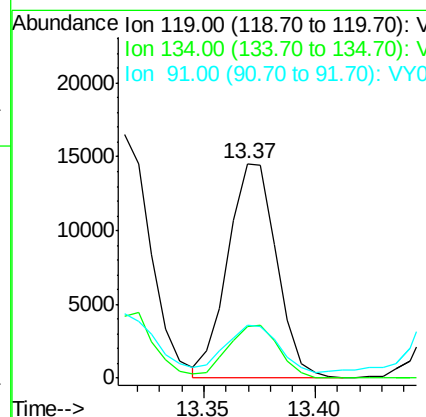
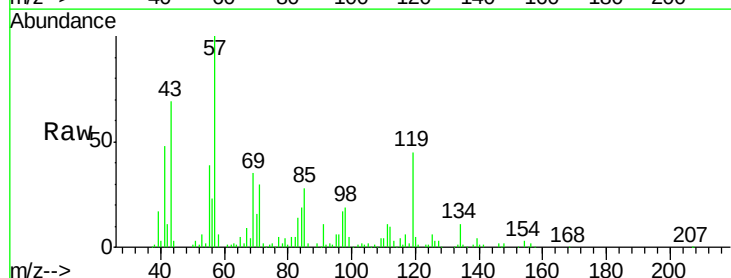
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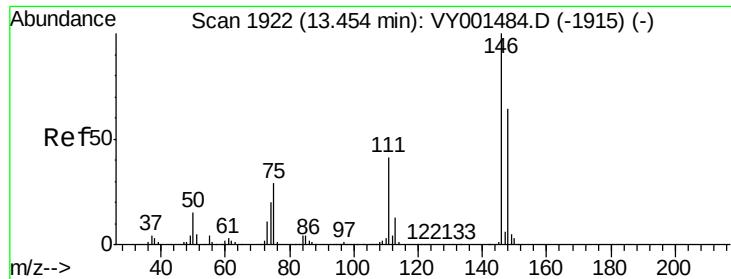
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#86
 p-Isopropyltoluene
 Concen: 3.987 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Tgt Ion:119 Resp: 22193
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 22.9 12.2 36.6





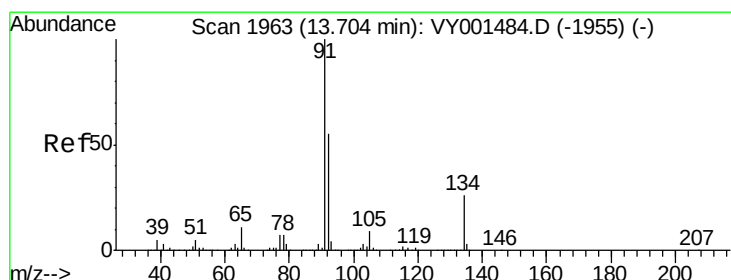
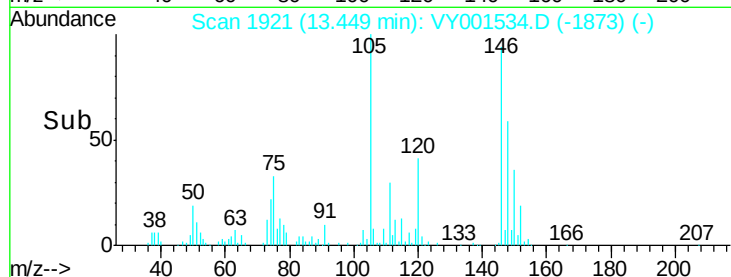
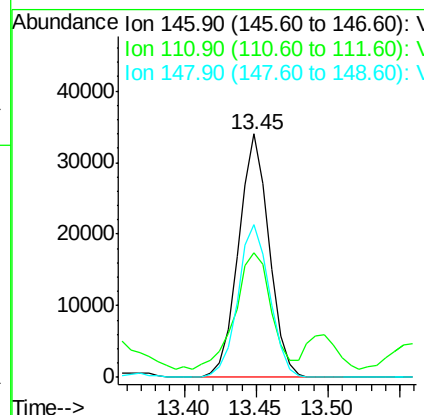
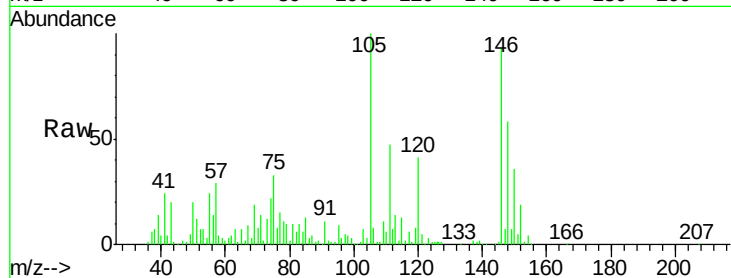
#88
 1,4-Dichlorobenzene
 Concen: 19.194 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Tot Ion	Ratio	Lower	Upper
146	100		
111	54.7	20.7	62.1
148	64.9	32.1	96.5

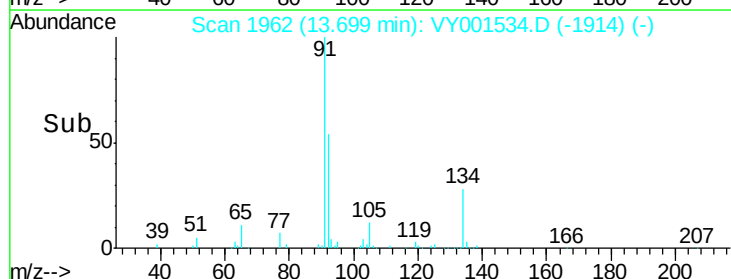
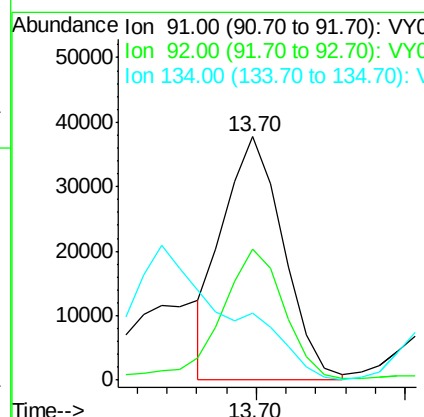
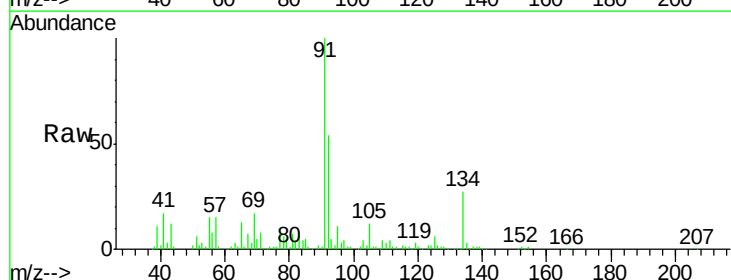
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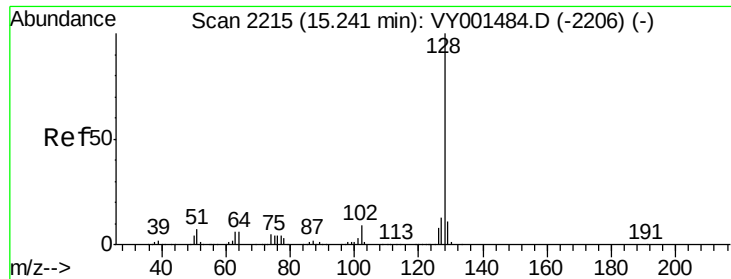
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#89
 n-Butylbenzene
 Concen: 9.759 ug/l m
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.3	81.9
134	0.0	13.0	38.9#





#95
 Naphthalene
 Concen: 74.028 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: VY001534.D
 Acq: 06 Feb 2020 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-020520RE

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.9	13.3

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