

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002254.D
 Acq On : 08 Apr 2020 16:56
 Operator : SY/MD
 Sample : L2135-08
 Misc : 7.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:14 AM

Quant Time: Apr 09 02:51:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	129485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	254335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	151390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.41	152	86592m	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76293	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
35) Dibromofluoromethane	7.73	113	76477	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.19	98	637596	100.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.32%	
62) 4-Bromofluorobenzene	12.48	95	230937	110.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.02%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	15404	40.616	ug/l #	84
17) Carbon Disulfide	4.21	76	55288	10.648	ug/l	100
31) Cyclohexane	7.80	56	608582	200.613	ug/l	94
39) Methylcyclohexane	9.19	83	3137906	920.803	ug/l	95
40) Benzene	8.18	78	9174	1.207	ug/l	99
64) Tetrachloroethene	10.72	164	2194	1.433	ug/l #	84
73) Isopropylbenzene	12.33	105	902425	132.656	ug/l	100
78) n-propylbenzene	12.67	91	2150794	254.212	ug/l	100
83) tert-Butylbenzene	13.08	119	66501	14.112	ug/l #	68
85) sec-Butylbenzene	13.26	105	1153190	164.268	ug/l	82
89) n-Butylbenzene	13.70	91	601391	97.105	ug/l	88
96) 1,2,3-Trichlorobenzene	15.45	180	5840	3.904	ug/l #	13

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

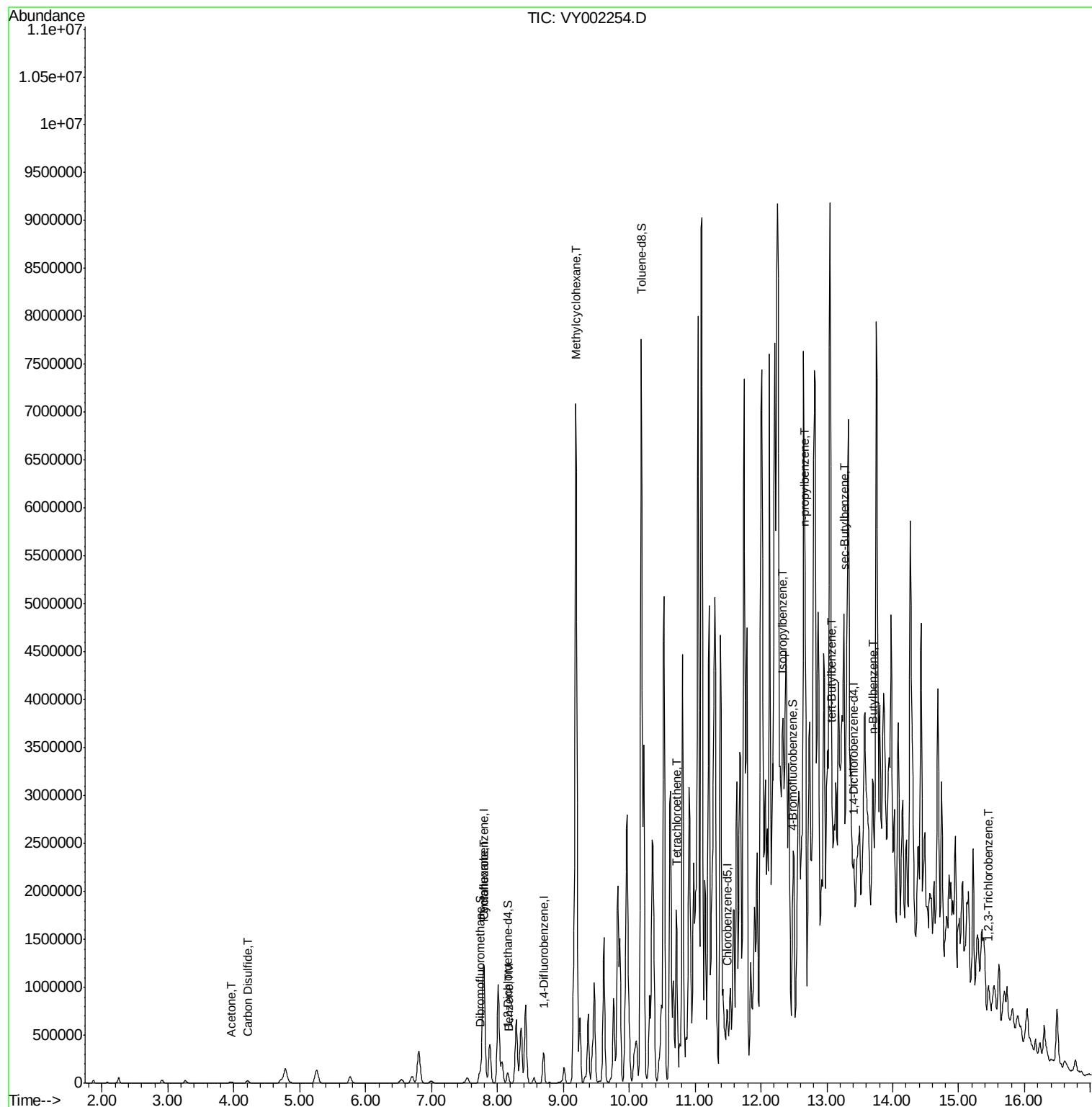
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
Data File : VY002254.D
Acq On : 08 Apr 2020 16:56
Operator : SY/MD
Sample : L2135-08
Misc : 7.84G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

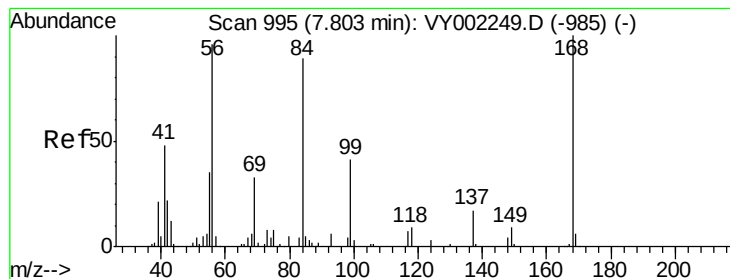
Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:14 AM

Quant Time: Apr 09 02:51:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

Tot Ion:168 Resp: 129485

Ion Ratio Lower Upper

168 100

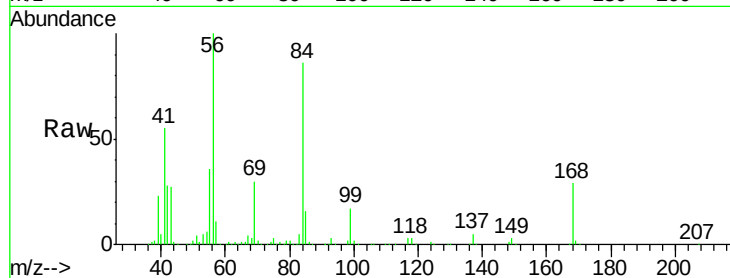
99 59.6 48.0 72.0

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:14 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

60000

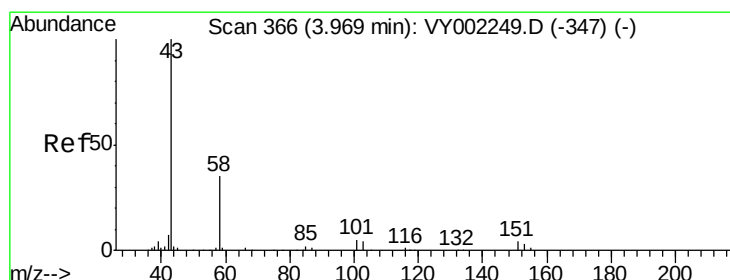
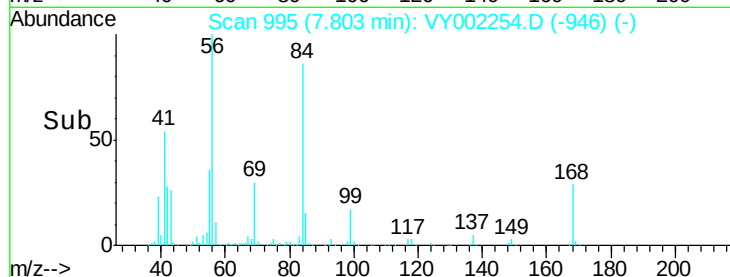
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 40.616 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002254.D

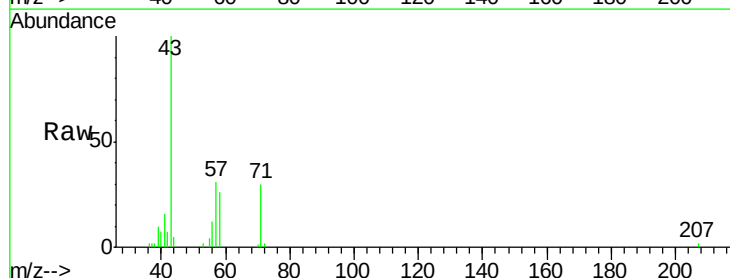
Acq: 08 Apr 2020 16:56

Tgt Ion: 43 Resp: 15404

Ion Ratio Lower Upper

43 100

58 26.4 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

6000

5000

4000

3000

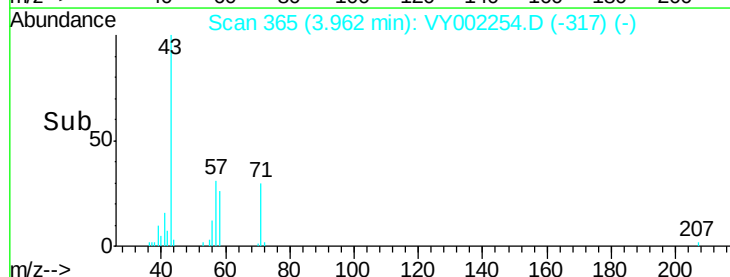
2000

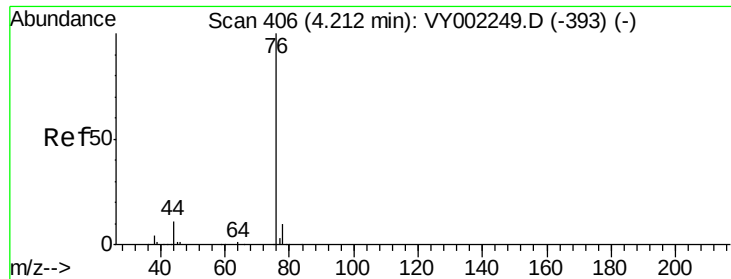
1000

0

3.80 3.90 4.00 4.10

Time-->





#17

Carbon Disulfide

Concen: 10.648 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampled :

SB-3K-(0-2)

Tot Ion: 76 Resp: 55288

Ion Ratio Lower Upper

76 100

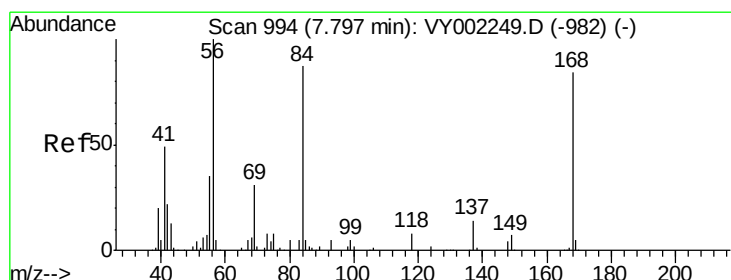
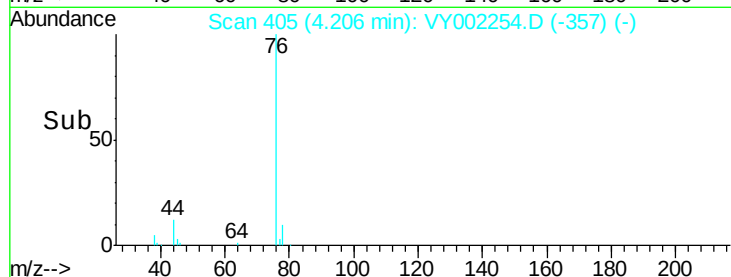
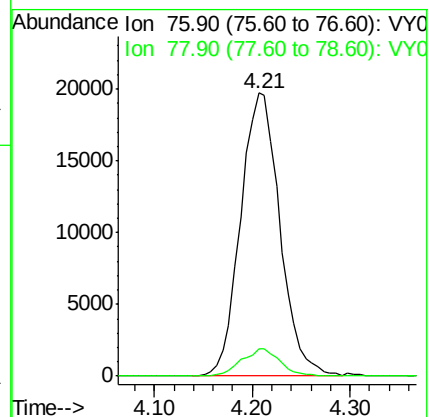
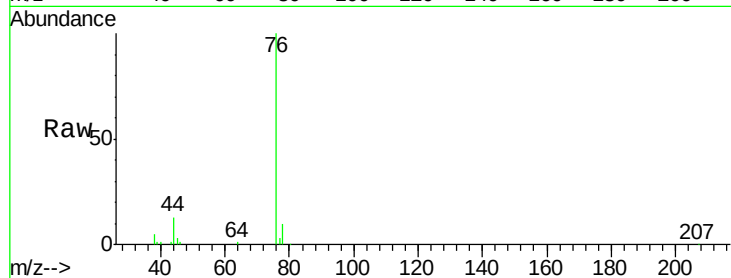
78 9.5 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:14 AM



#31

Cyclohexane

Concen: 200.613 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

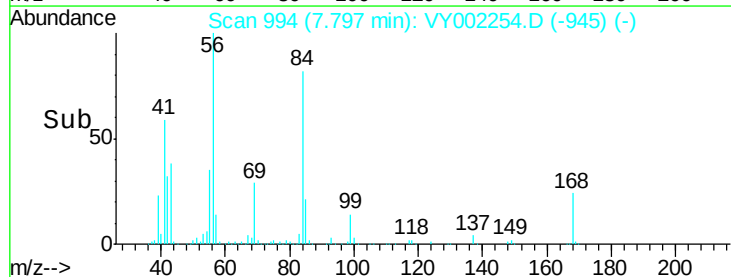
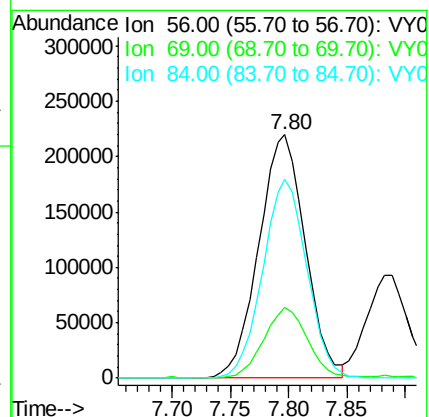
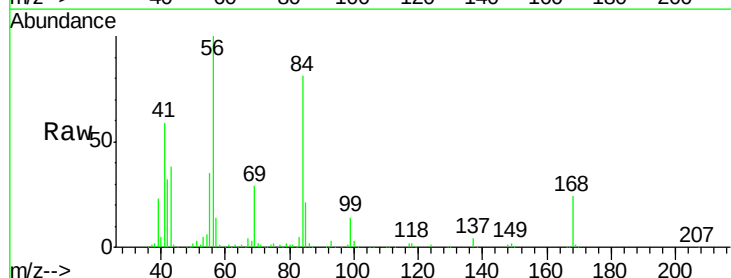
Tgt Ion: 56 Resp: 608582

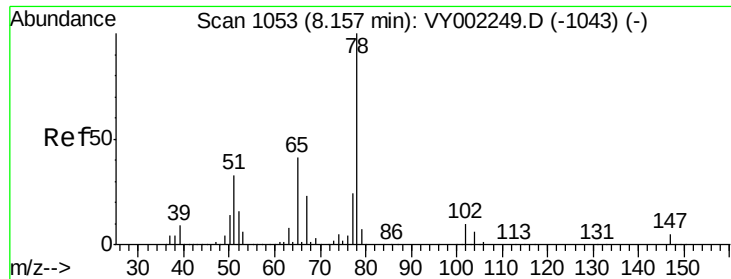
Ion Ratio Lower Upper

56 100

69 28.6 25.0 37.6

84 81.5 69.7 104.5





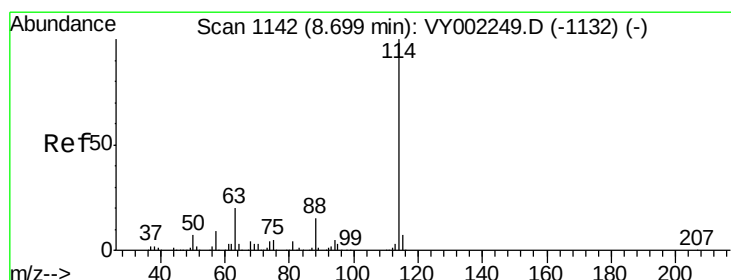
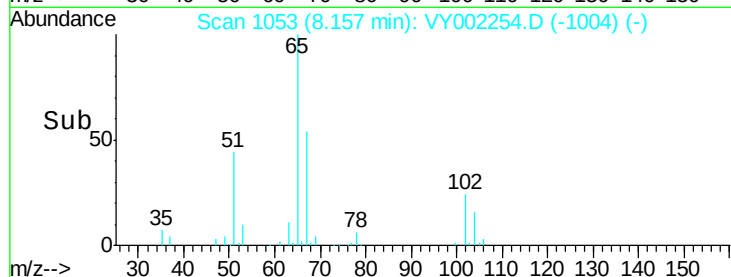
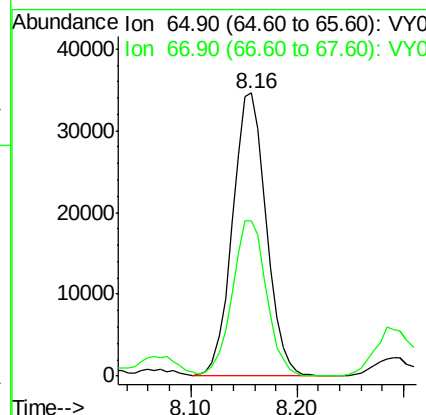
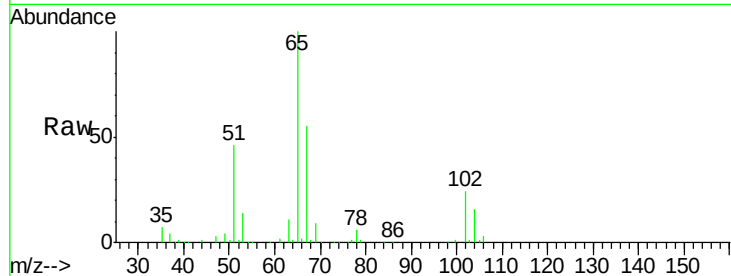
#33
 1,2-Dichloroethane-d4
 Concen: 52.982 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3K-(0-2)

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.3	0.0	114.0

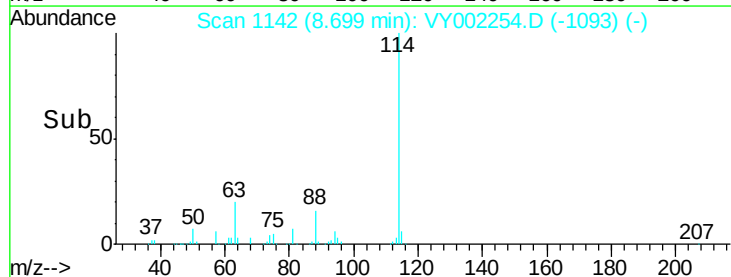
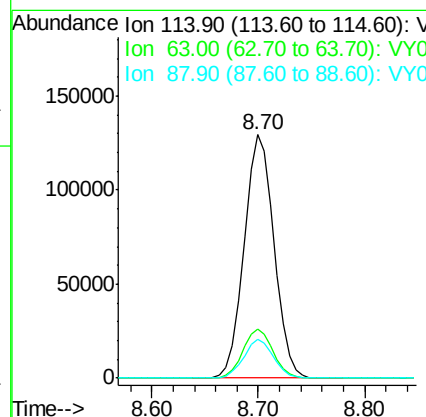
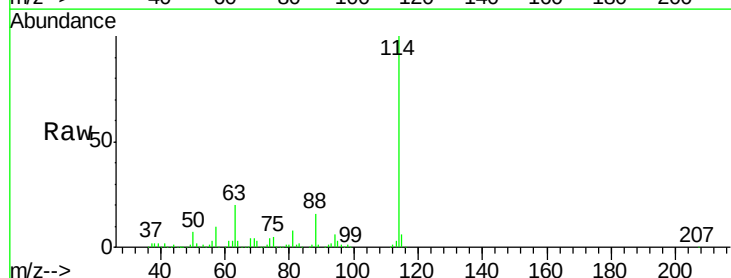
Manual Integrations
 APPROVED

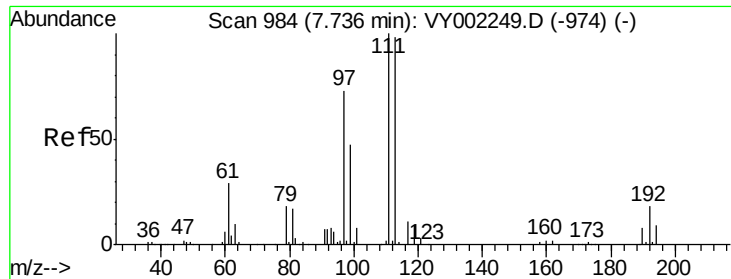
MMDadoda
 4/9/2020 11:32:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002254.D
 Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.8	0.0	31.0





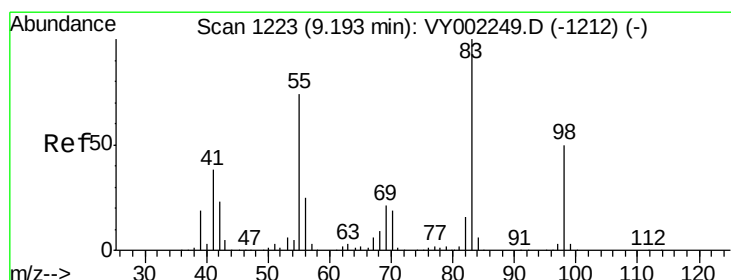
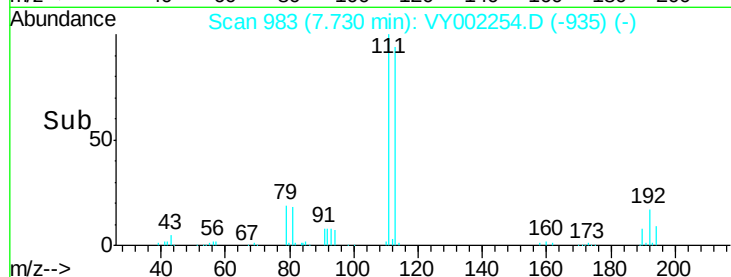
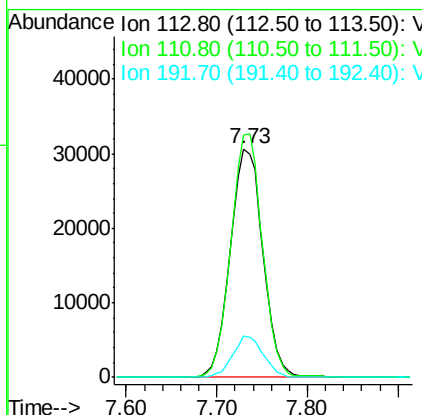
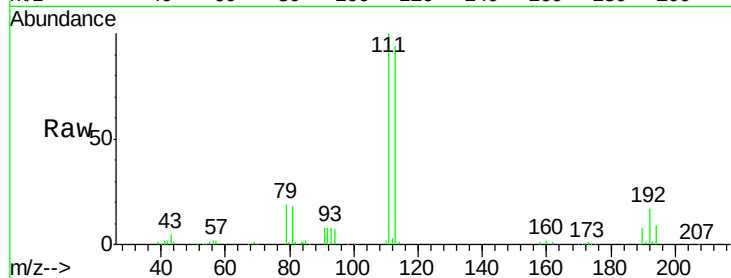
#35
Dibromofluoromethane
Concen: 50.534 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	17.0	14.7	22.1

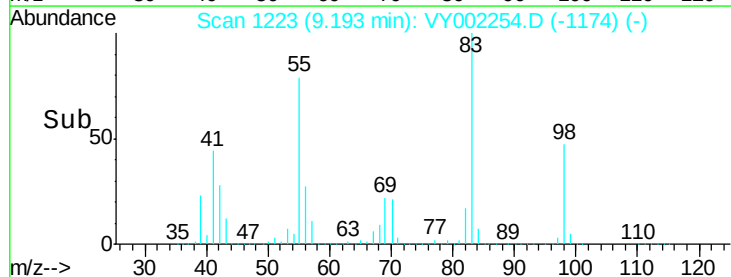
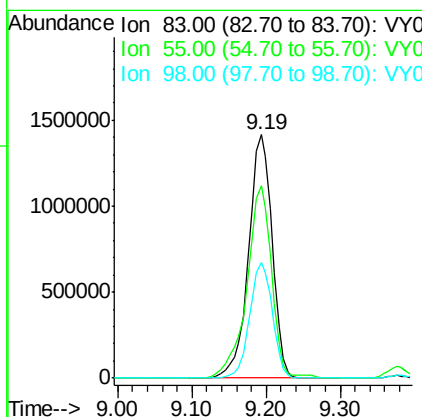
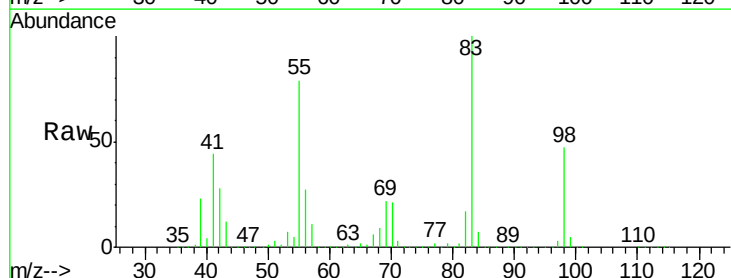
Manual Integrations
APPROVED

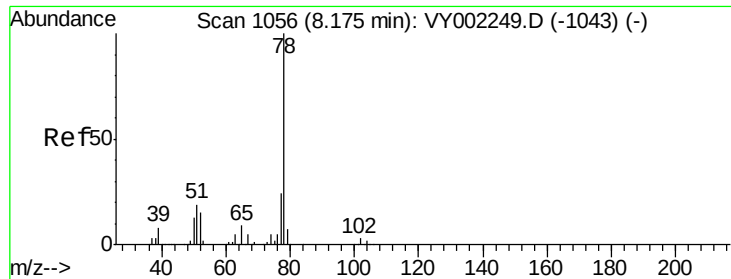
MMDadoda
4/9/2020 11:32:14 AM



#39
Methylcyclohexane
Concen: 920.803 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.8	59.3	88.9
98	47.4	39.6	59.4





#40

Benzene

Concen: 1.207 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

Tot Ion: 78 Resp: 9174

Ion Ratio Lower Upper

78 100

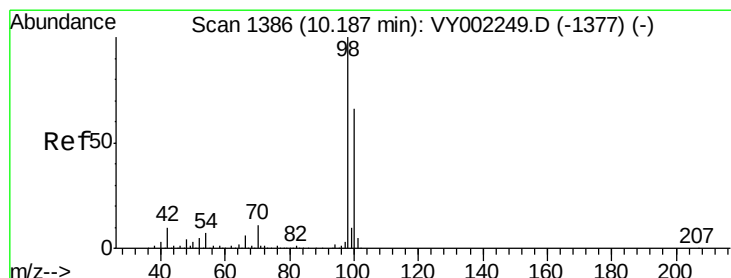
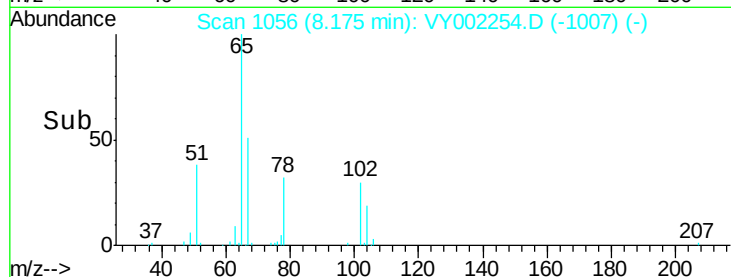
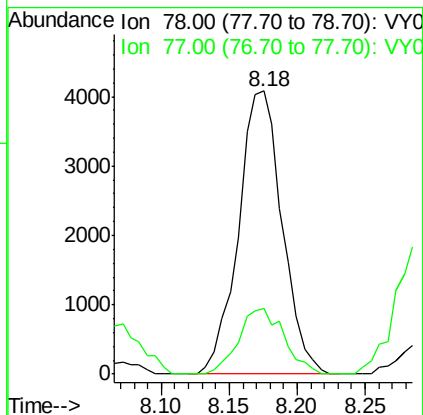
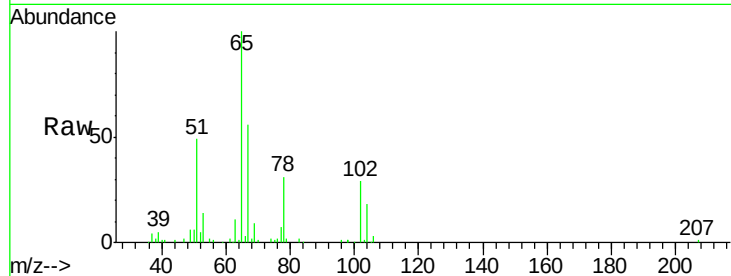
77 23.2 18.9 28.3

Manual Integrations

APPROVED

MMDadoda

4/9/2020 11:32:14 AM



#50

Toluene-d8

Concen: 100.656 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002254.D

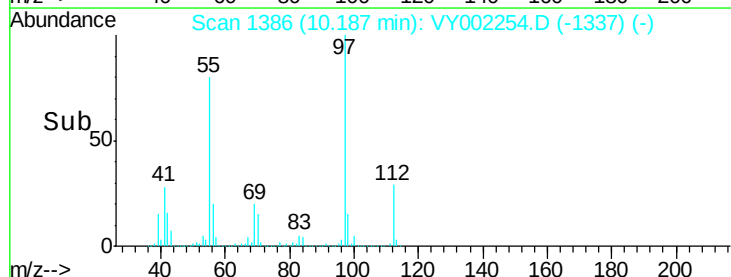
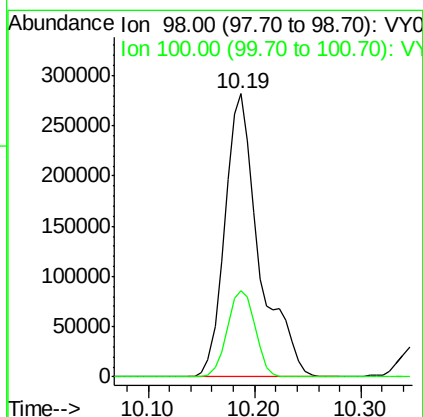
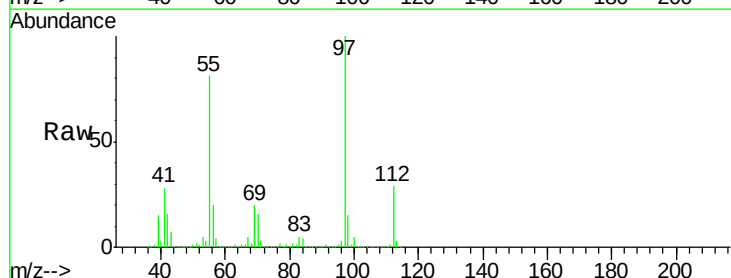
Acq: 08 Apr 2020 16:56

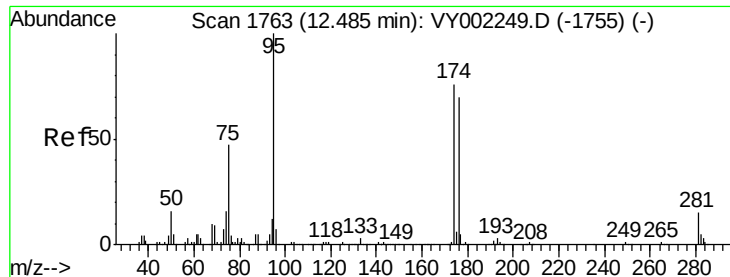
Tgt Ion: 98 Resp: 637596

Ion Ratio Lower Upper

98 100

100 24.7 52.6 78.8#





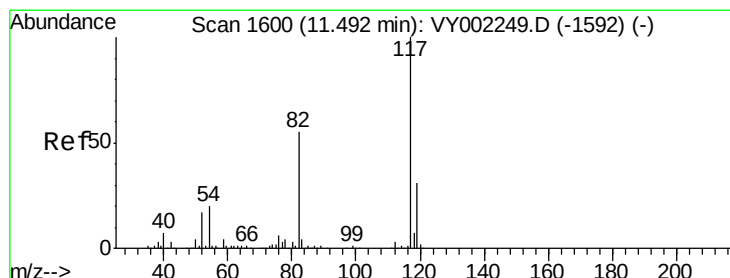
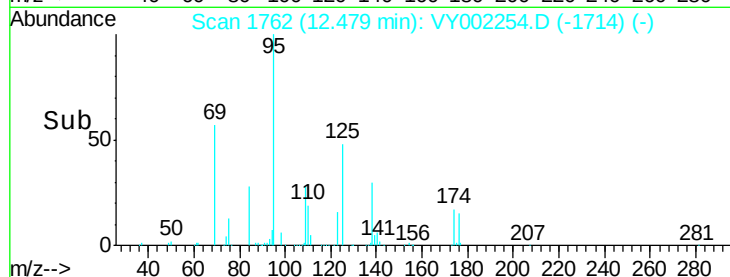
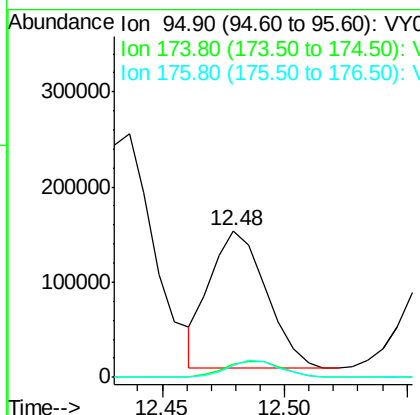
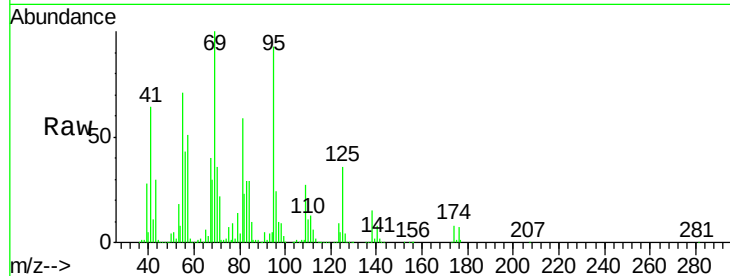
#62
4-Bromofluorobenzene
Concen: 110.507 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	230937		
174	12.0	0.0	150.6	
176	11.7	0.0	141.4	

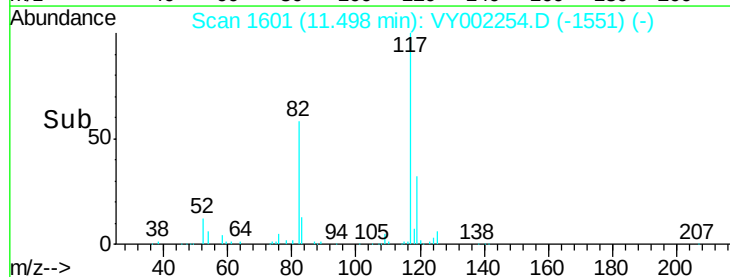
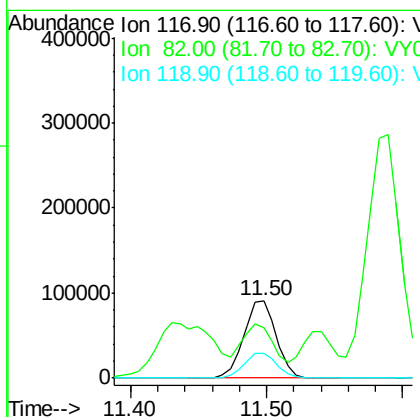
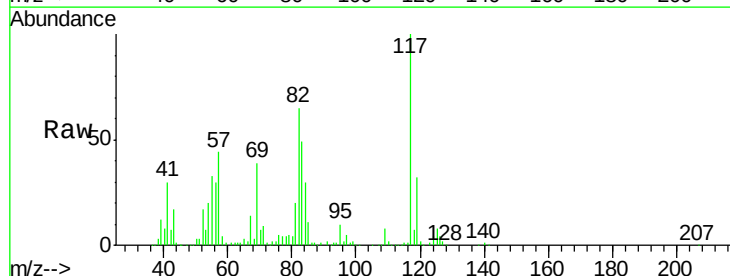
Manual Integrations
APPROVED

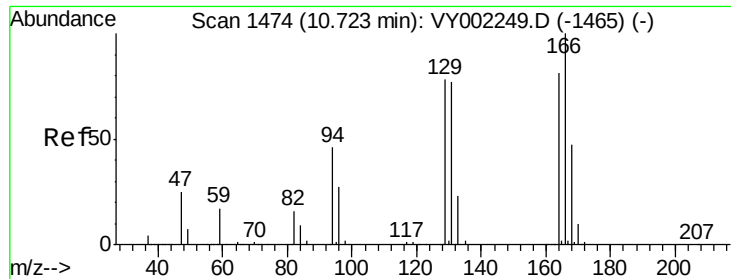
MMDadoda
4/9/2020 11:32:14 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	151390		
82	36.1	44.2	66.4	#
119	31.8	25.1	37.7	





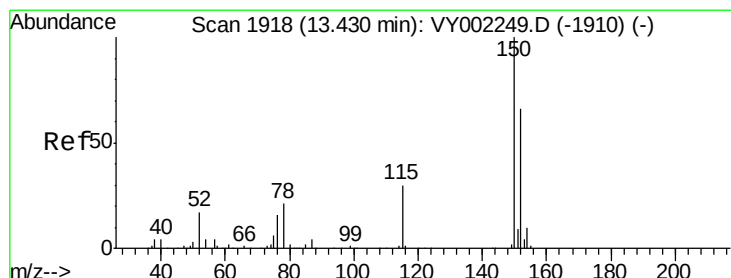
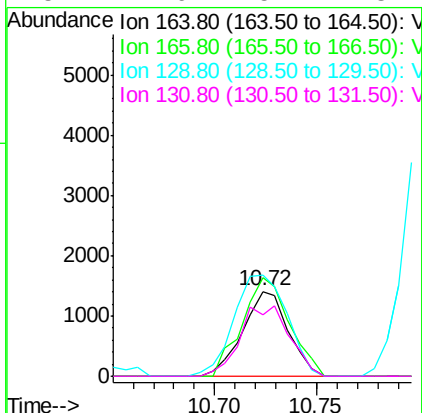
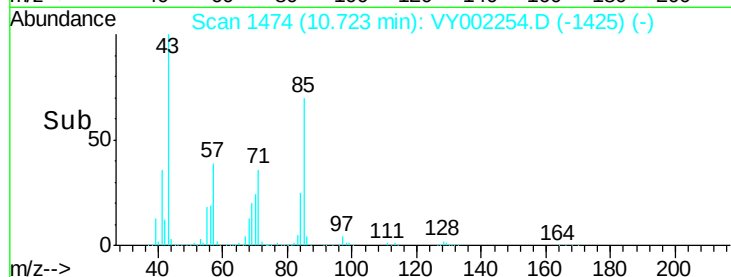
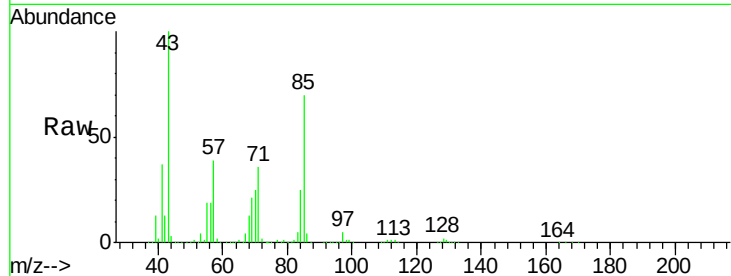
#64
Tetrachloroethene
Concen: 1.433 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
166	116.6	98.4	147.6
129	119.2	76.6	115.0#
131	72.6	75.4	113.2#

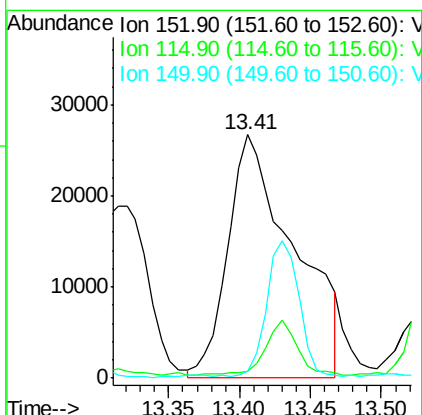
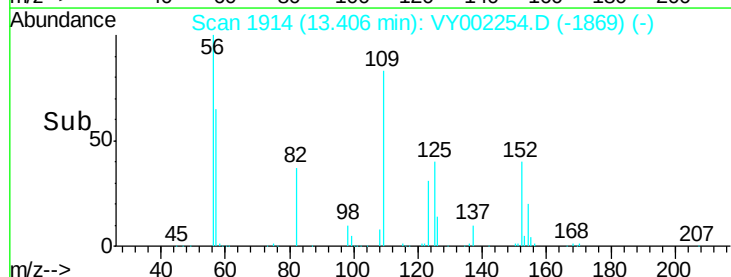
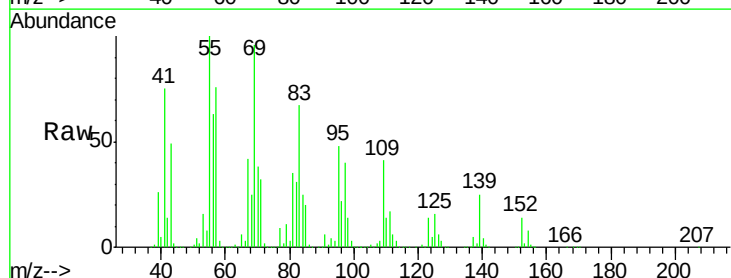
Manual Integrations
APPROVED

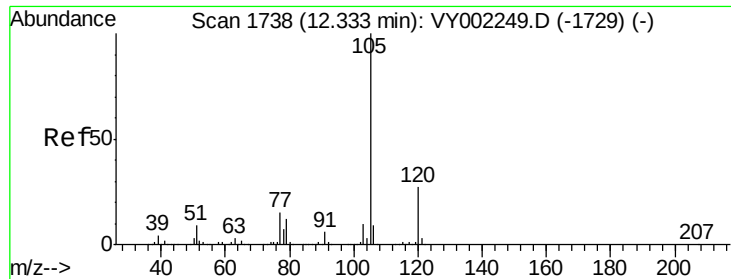
MMDadoda
4/9/2020 11:32:14 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.41 min Scan# 1914
Delta R.T. -0.02 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	14.8	30.7	92.1#
150	1.2	0.0	350.6





#73

Isopropylbenzene

Concen: 132.656 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002254.D

Acq: 08 Apr 2020 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-3K-(0-2)

Tot Ion:105 Resp: 902425

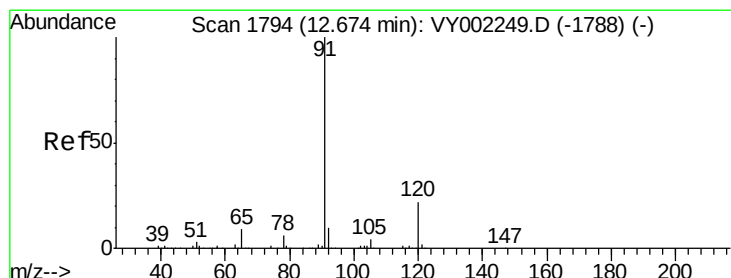
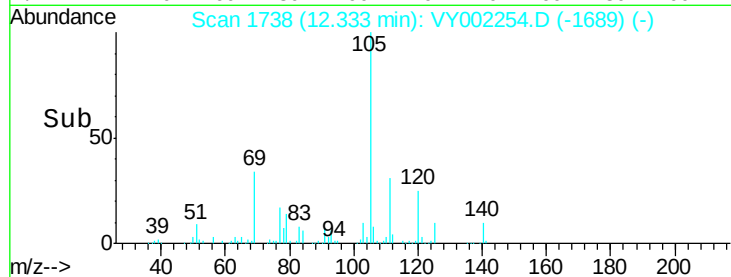
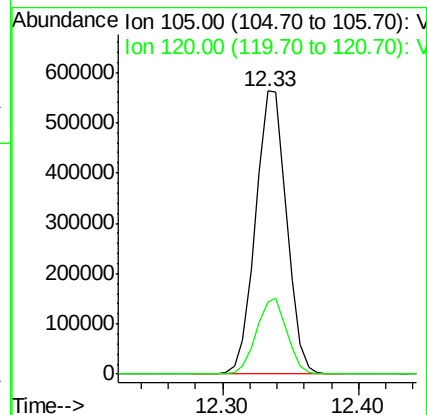
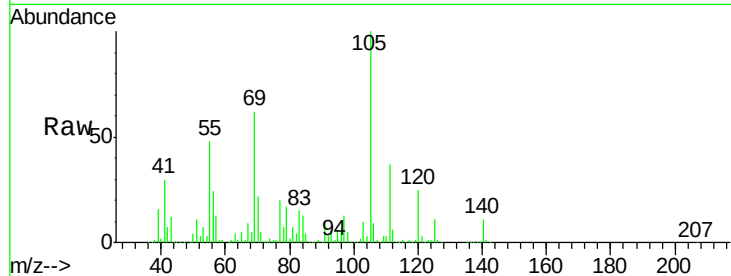
Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:14 AM



#78

n-propylbenzene

Concen: 254.212 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002254.D

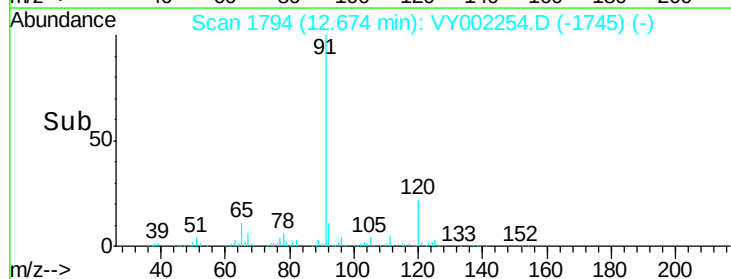
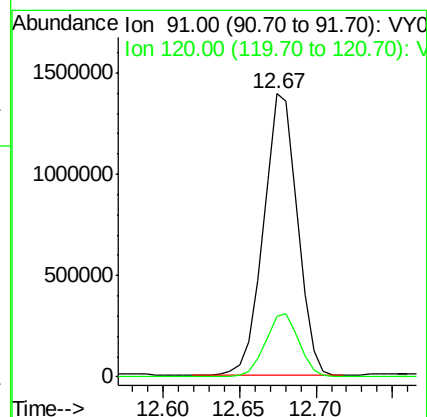
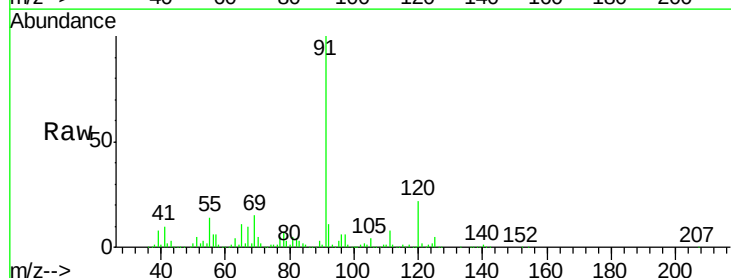
Acq: 08 Apr 2020 16:56

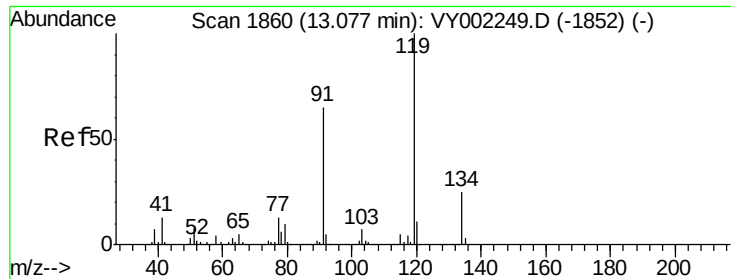
Tgt Ion: 91 Resp: 2150794

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5





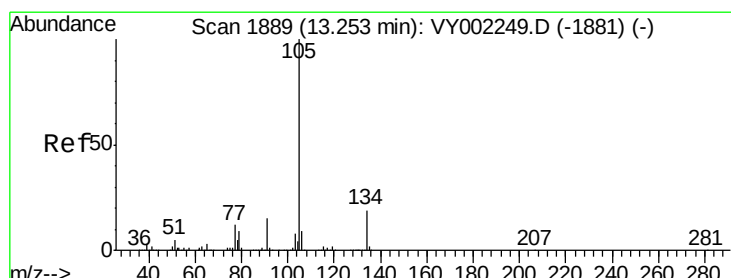
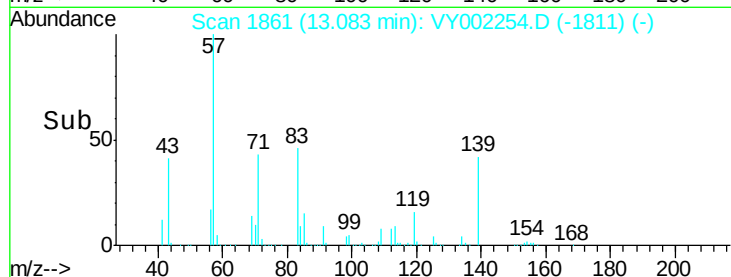
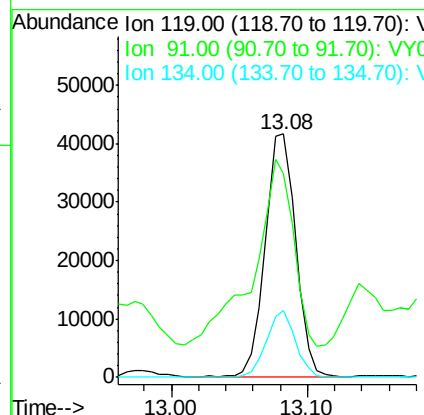
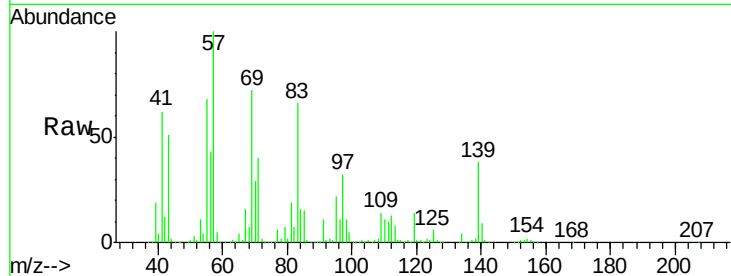
#83
tert-Butylbenzene
Concen: 14.112 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion	Ratio	Lower	Upper
119	100		
91	99.3	32.4	97.0#
134	25.6	12.6	37.6

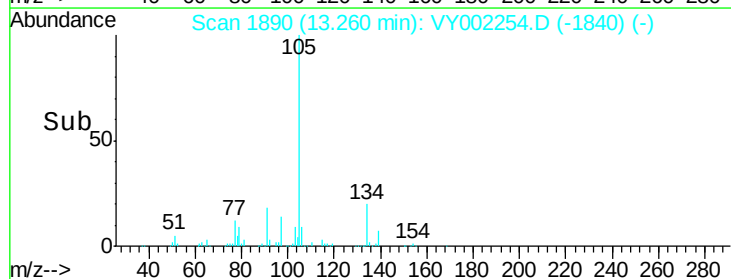
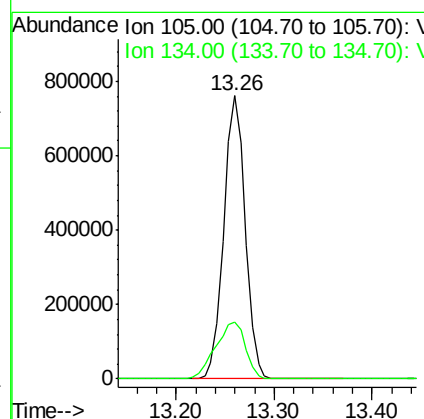
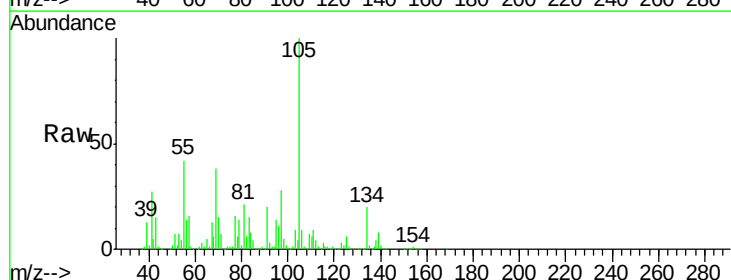
Manual Integrations
APPROVED

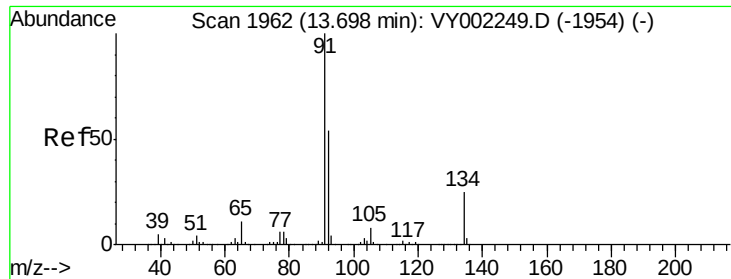
MMDadoda
4/9/2020 11:32:14 AM



#85
sec-Butylbenzene
Concen: 164.268 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Lower	Upper
105	100		
134	27.9	9.8	29.3





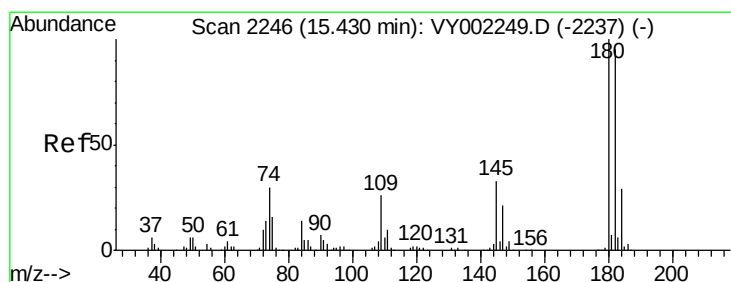
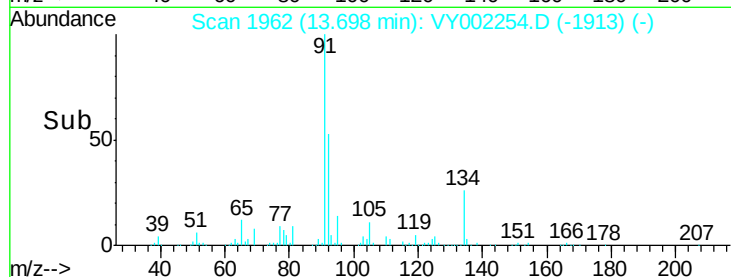
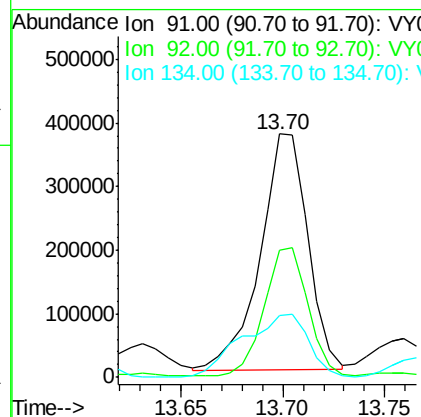
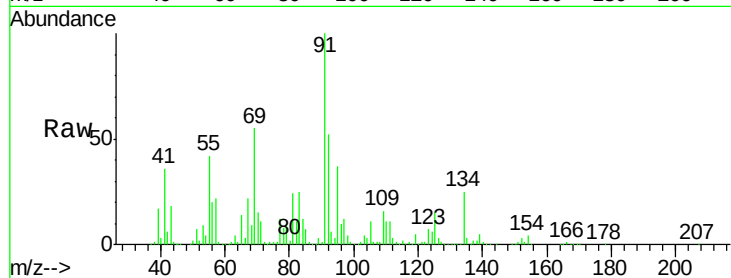
#89
n-Butylbenzene
Concen: 97.105 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-3K-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
91	100	601391		
92	50.1	27.2	81.6	
134	37.3	12.7	38.0	

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 3.904 ug/l
RT: 15.45 min Scan# 2250
Delta R.T. 0.02 min
Lab File: VY002254.D
Acq: 08 Apr 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	5840		
182	0.0	47.1	141.3#	
145	0.0	16.7	50.1#	

