

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014387.D
 Acq On : 31 Dec 2019 18:00
 Operator : JC/SP
 Sample : K6462-04ME 5X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-4ME

Manual Integrations
 APPROVED

apatel
 1/2/2020 9:54:44 AM

Quant Time: Jan 02 06:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	504206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	769205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	370591	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	272123	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
35) Dibromofluoromethane	5.48	113	222272	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	8.71	98	923466	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	355865	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.36	106	78287	7.856	ug/l	99
69) o-Xylene	10.70	106	74425	7.615	ug/l	94
80) 1,3,5-Trimethylbenzene	11.50	105	277308	12.628	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	666891	30.325	ug/l	100
85) sec-Butylbenzene	11.94	105	46121	1.828	ug/l	81
86) p-Isopropyltoluene	12.06	119	34581	1.499	ug/l	94
89) n-Butylbenzene	12.37	91	120172	6.103	ug/l #	3
95) Naphthalene	13.83	128	64555	2.669	ug/l #	90

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

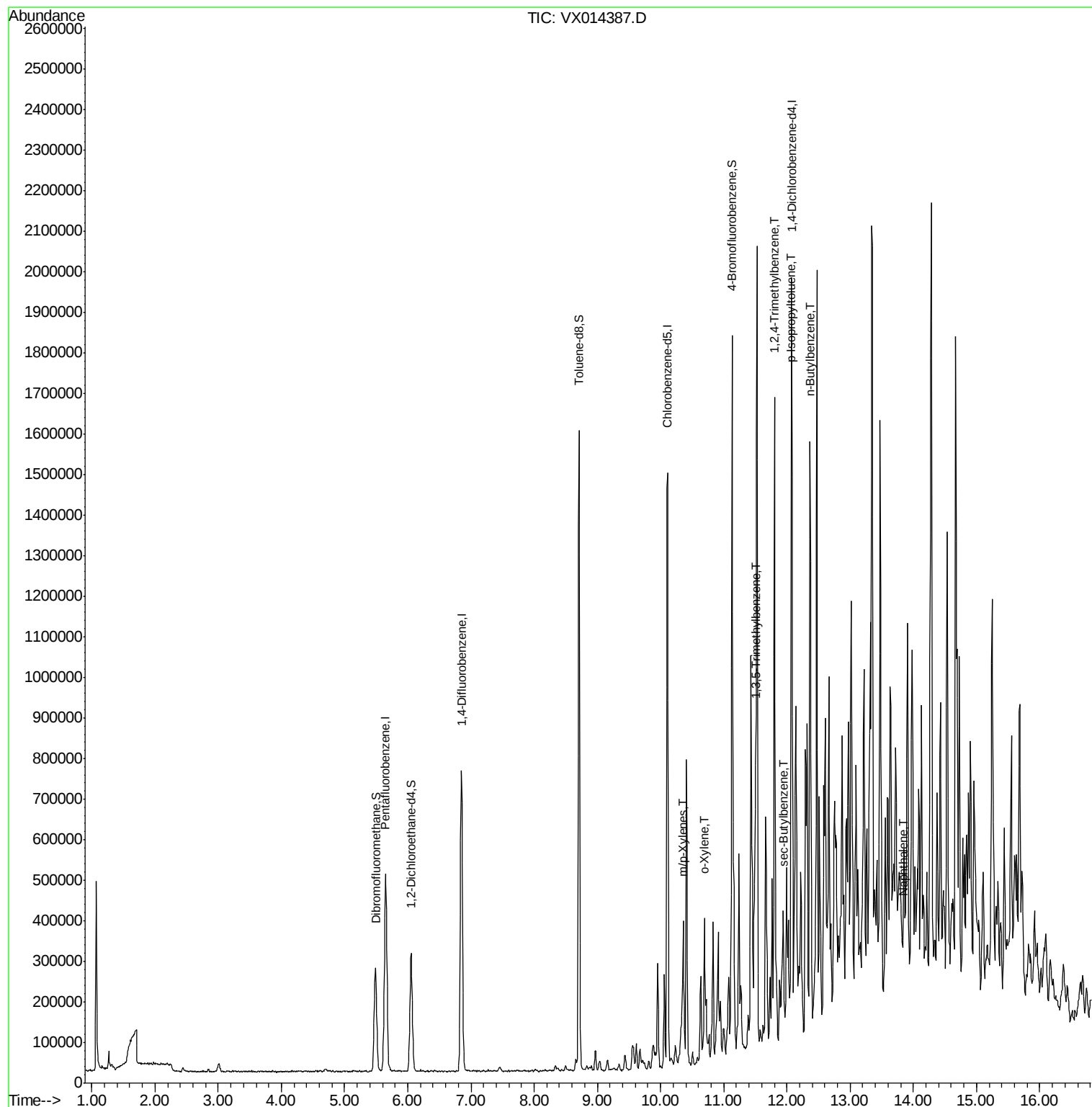
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX123119\
Data File : VX014387.D
Acq On : 31 Dec 2019 18:00
Operator : JC/SP
Sample : K6462-04ME 5X
Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

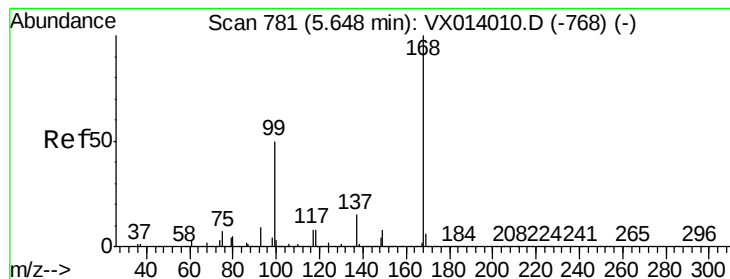
Instrument :
MSVOA_X
ClientSampleId :
K500-4ME

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:44 AM

Quant Time: Jan 02 06:15:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

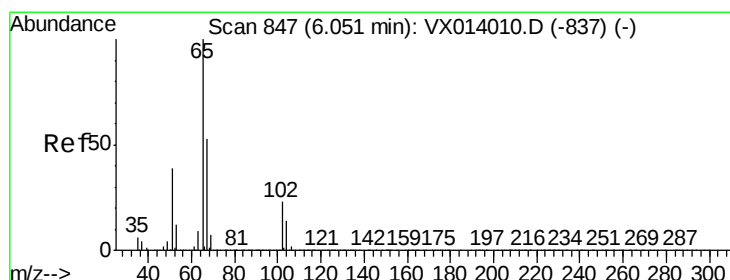
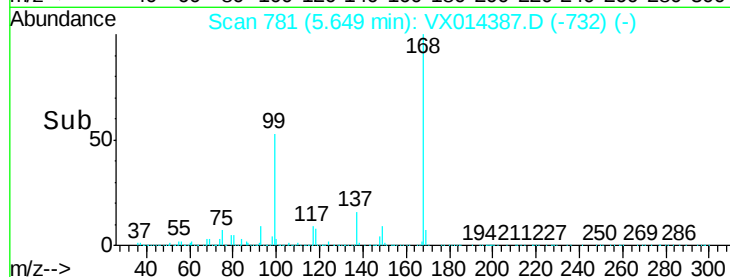
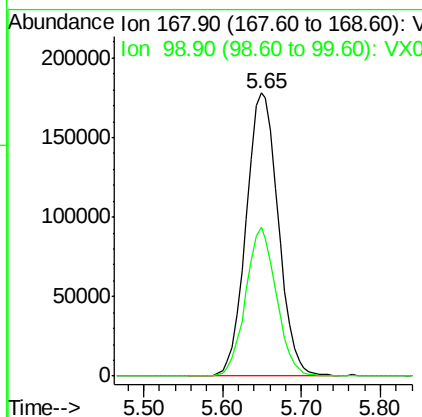
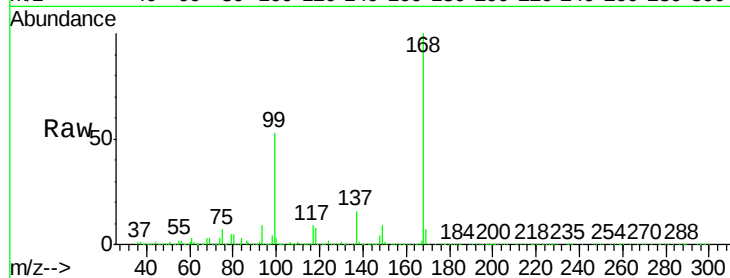
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014387.D
 Acq: 31 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-4ME

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.7	40.3	60.5

Manual Integrations
 APPROVED

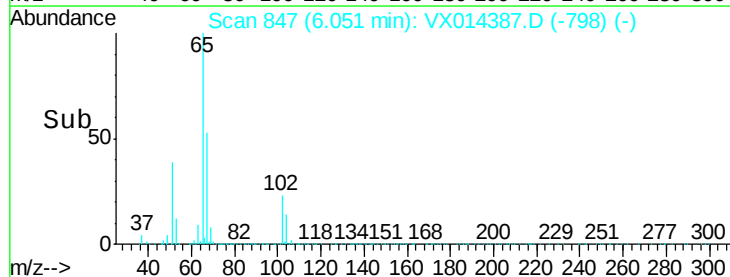
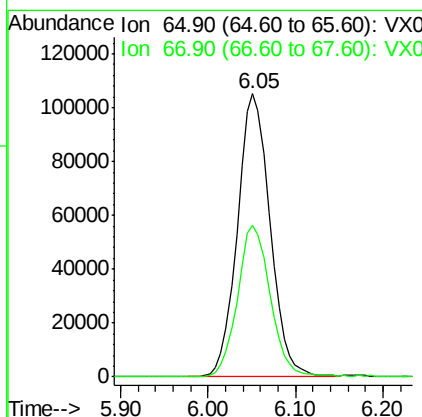
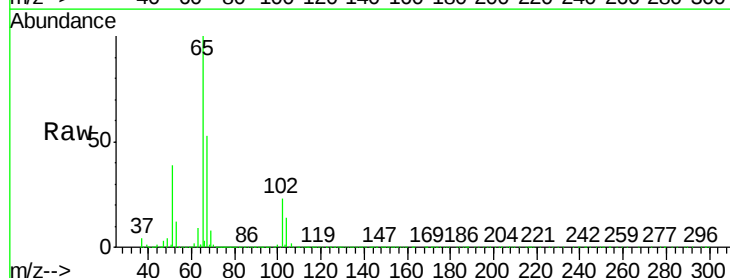
apatel
 1/2/2020 9:54:44 AM

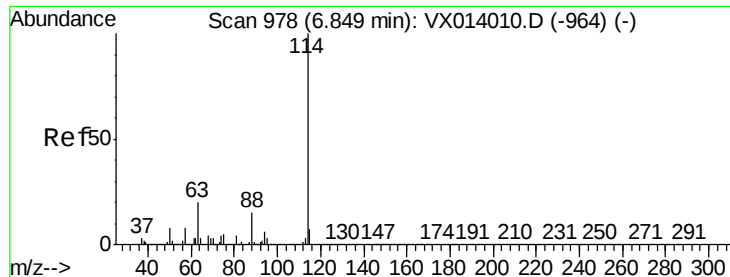


#33

1,2-Dichloroethane-d4
 Concen: 47.620 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014387.D
 Acq: 31 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

Instrument :

MSVOA_X

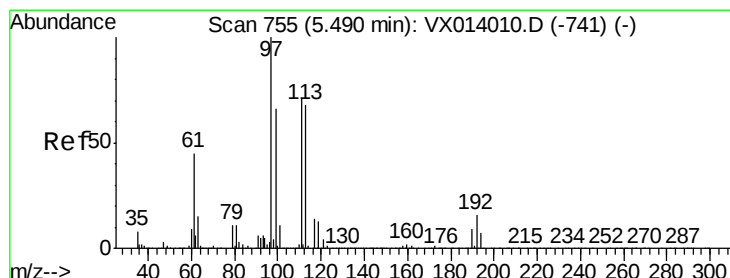
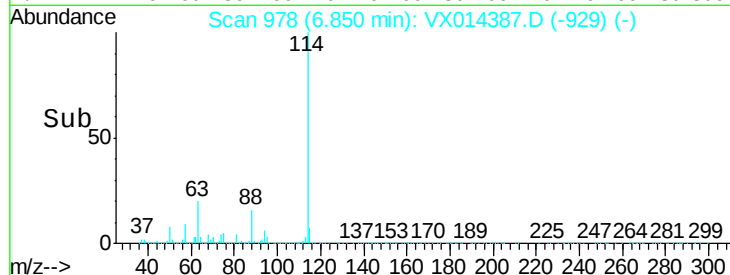
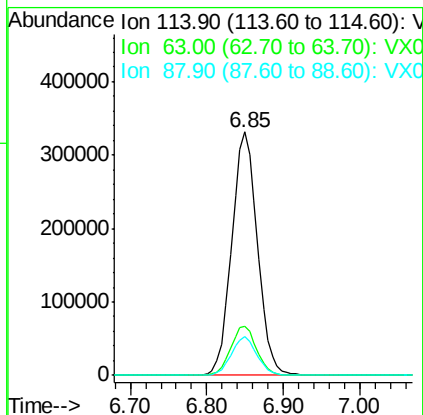
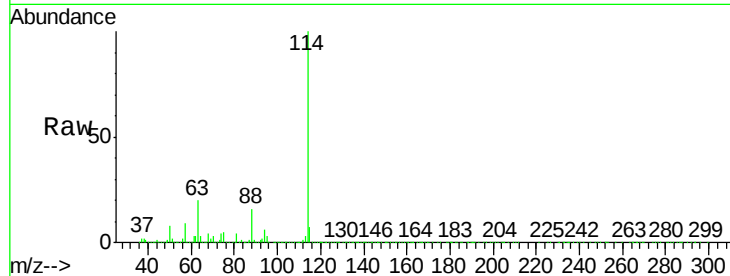
ClientSampleId :

K500-4ME

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.7	0.0	30.4

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:44 AM



#35

Dibromofluoromethane

Concen: 47.535 ug/l

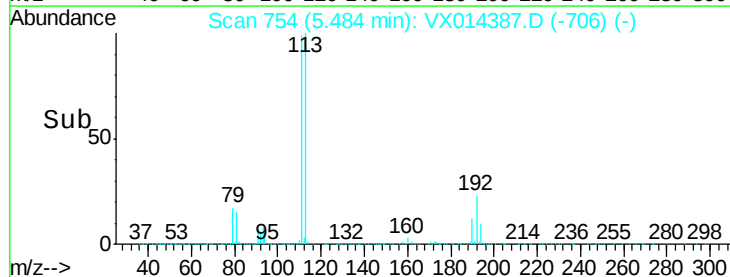
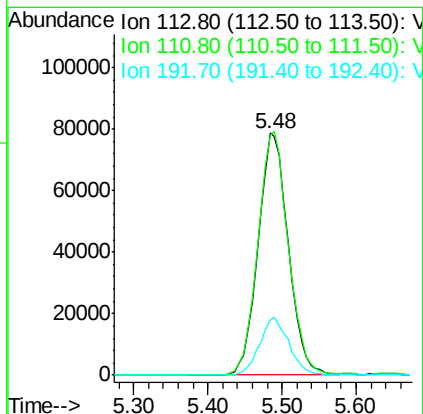
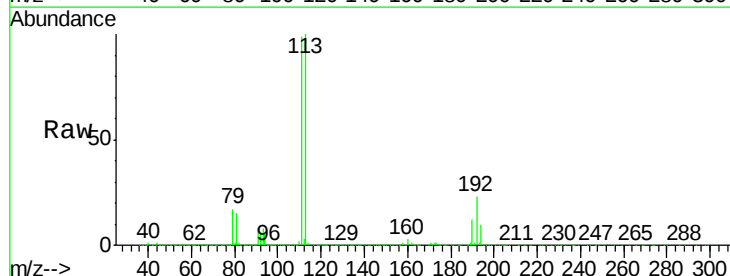
RT: 5.48 min Scan# 754

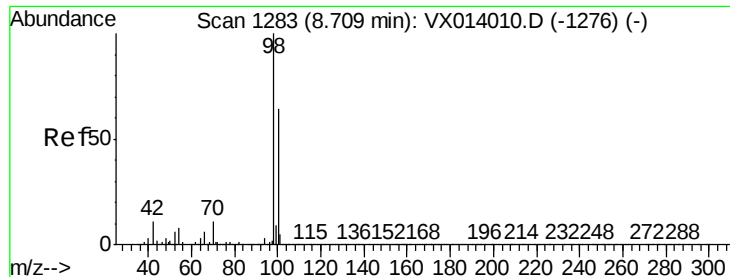
Delta R.T. -0.01 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.6	82.0	123.0
192	23.5	19.3	28.9





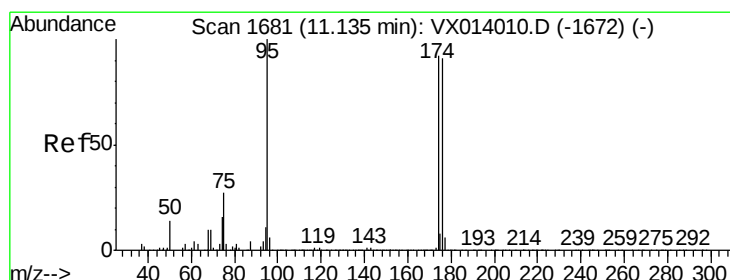
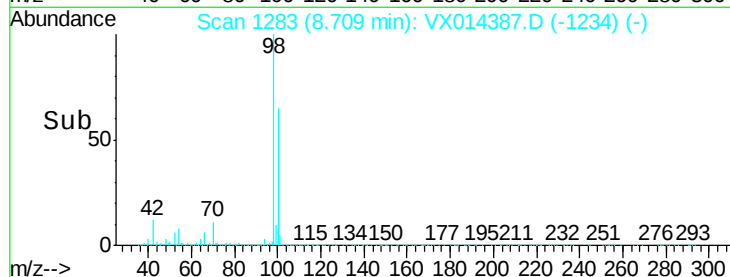
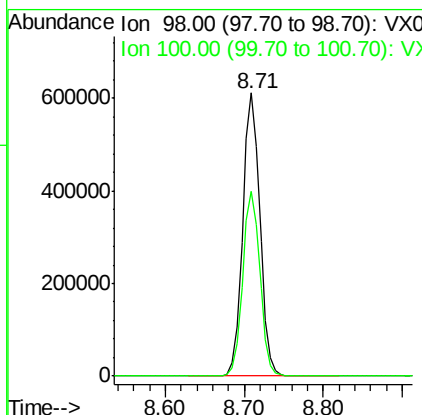
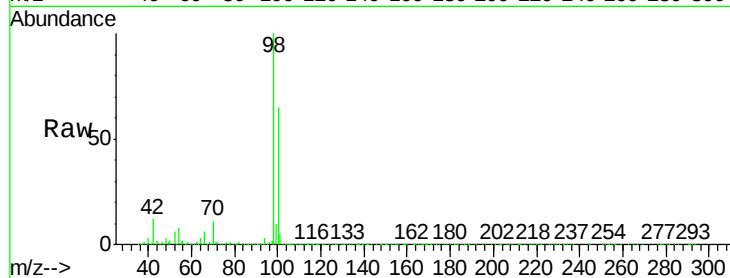
#50
Toluene-d8
Concen: 50.727 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
K500-4ME

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3

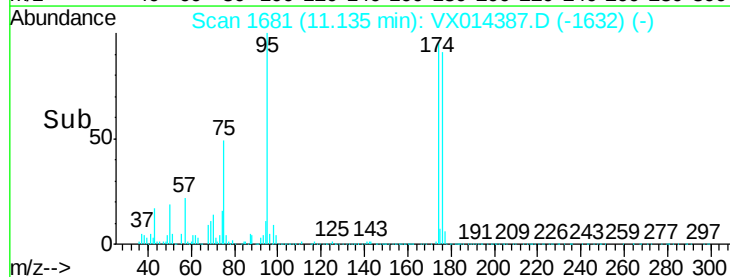
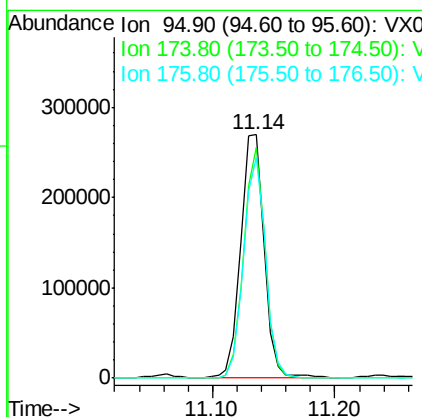
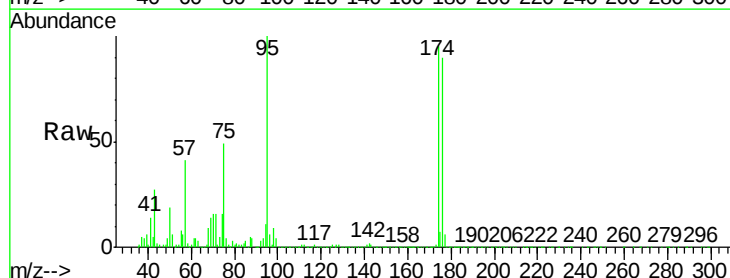
Manual Integrations
APPROVED

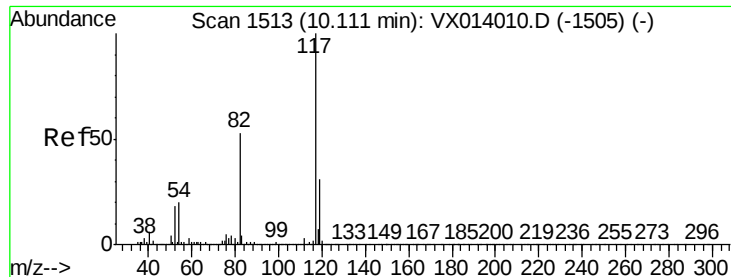
apatel
1/2/2020 9:54:44 AM



#62
4-Bromofluorobenzene
Concen: 53.477 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	175.8
176	85.2	0.0	173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

Instrument :

MSVOA_X

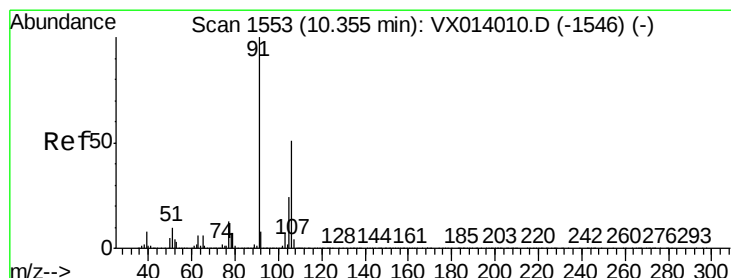
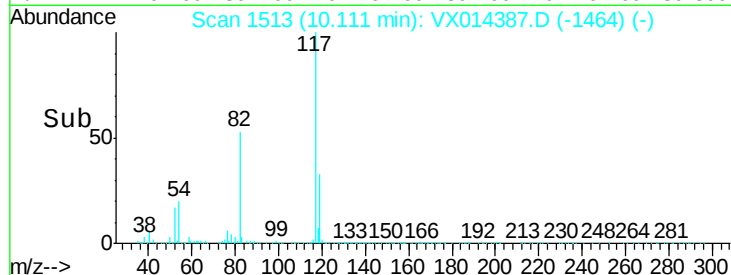
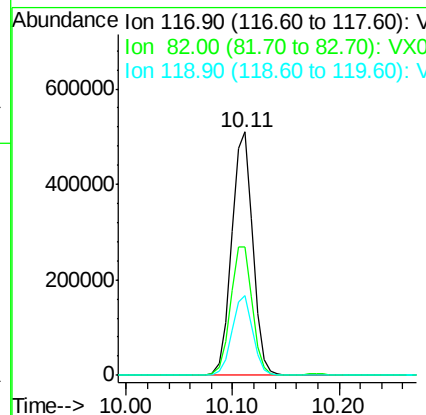
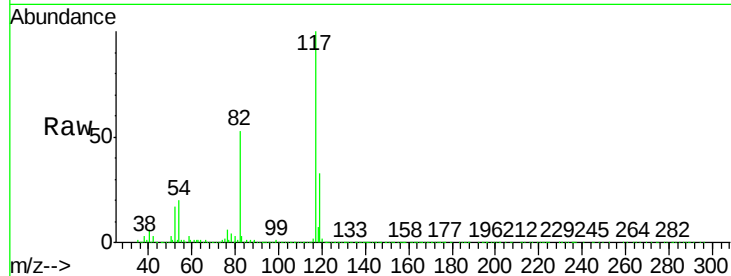
ClientSampleId :

K500-4ME

Tot Ion:	117	Resp:	708785
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.2	63.4
119	32.7	25.1	37.7

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:44 AM



#68

m/p-Xylenes

Concen: 7.856 ug/l

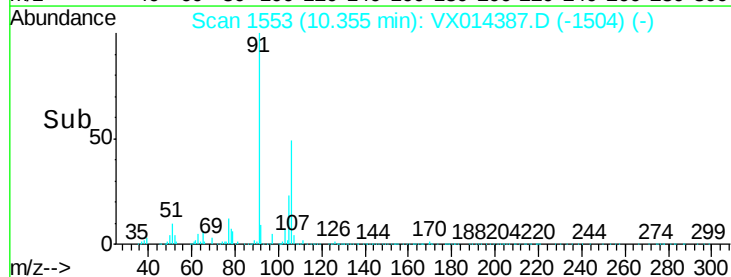
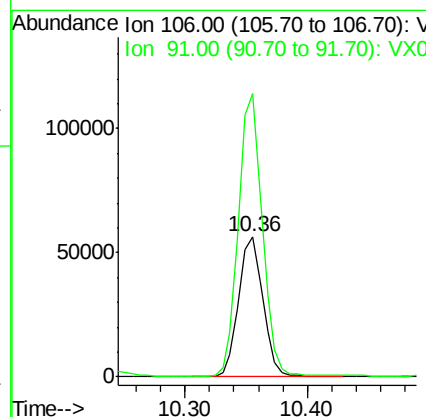
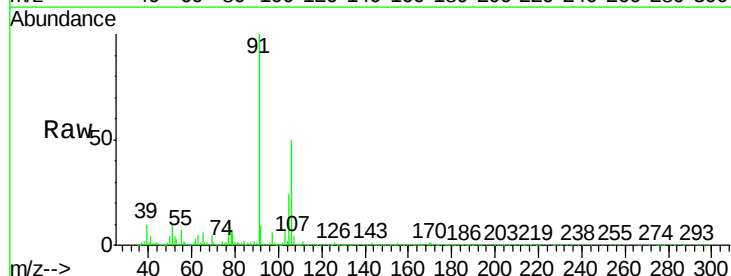
RT: 10.36 min Scan# 1553

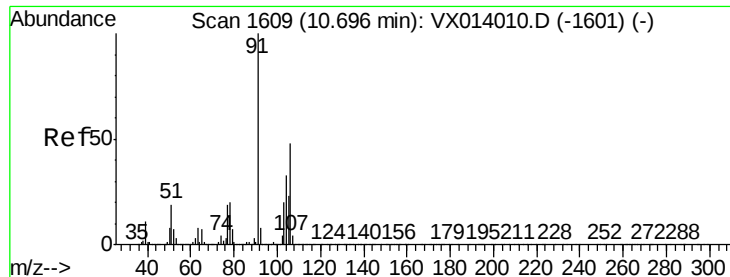
Delta R.T. 0.00 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

Tgt Ion:	106	Resp:	78287
Ion Ratio	Lower	Upper	
106	100		
91	196.2	158.6	238.0





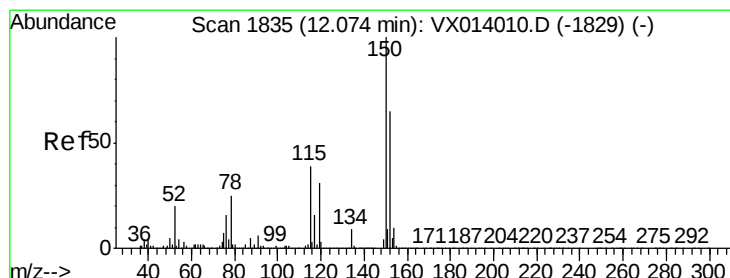
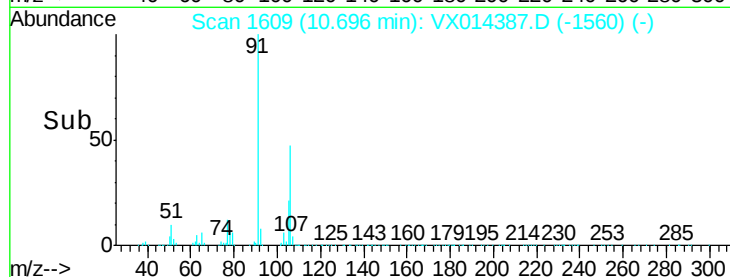
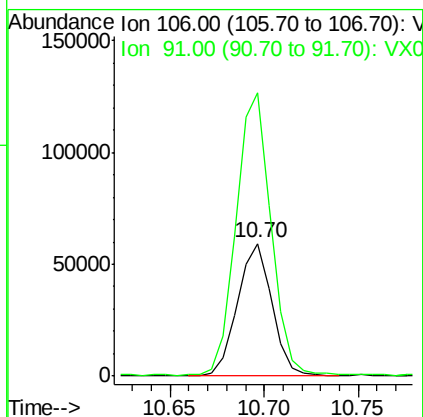
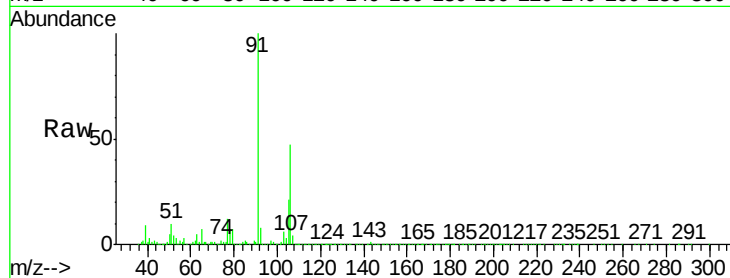
#69
o-Xylene
Concen: 7.615 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
K500-4ME

Tot Ion:106 Resp: 74425
Ion Ratio Lower Upper
106 100
91 217.0 104.2 312.6

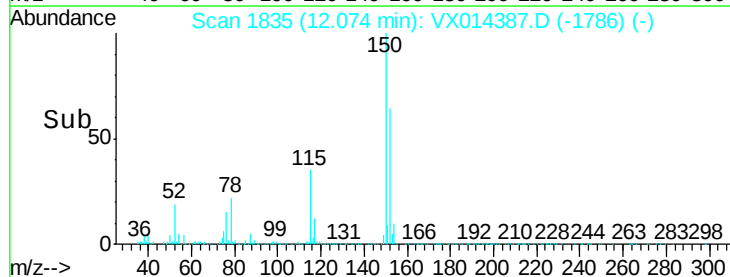
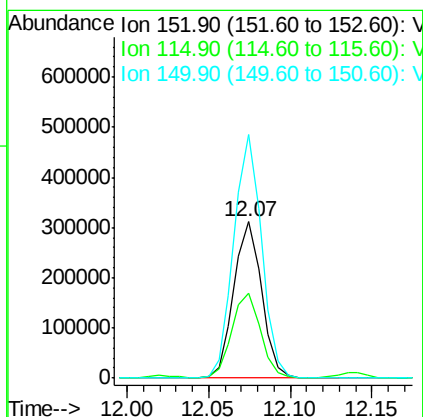
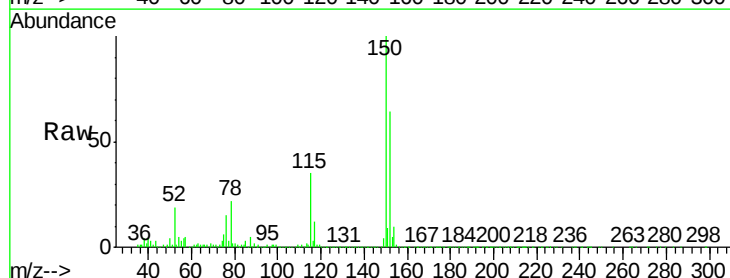
Manual Integrations
APPROVED

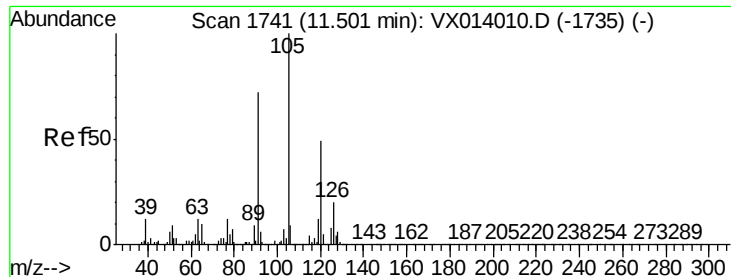
apatel
1/2/2020 9:54:44 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Tgt Ion:152 Resp: 370591
Ion Ratio Lower Upper
152 100
115 55.4 38.3 114.9
150 156.4 0.0 345.4





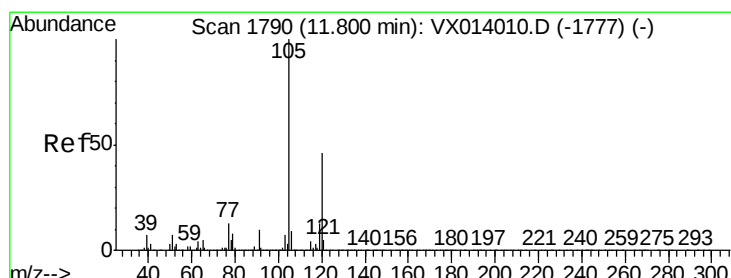
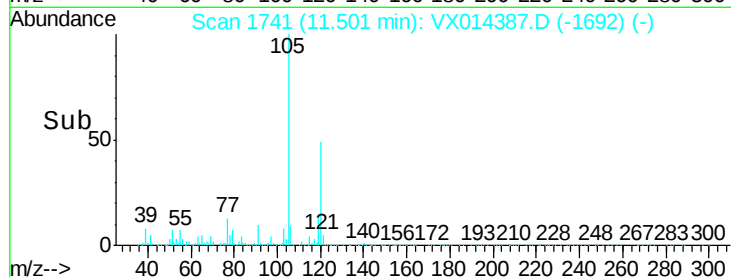
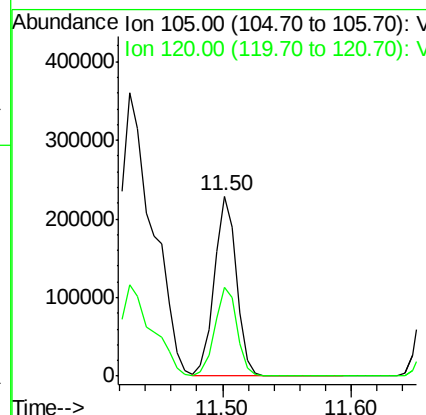
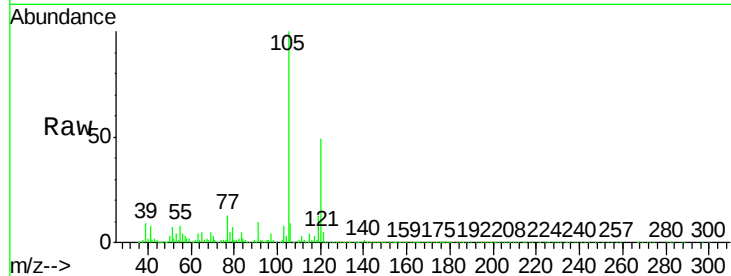
#80
 1,3,5-Trimethylbenzene
 Concen: 12.628 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014387.D
 Acq: 31 Dec 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 K500-4ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.4	25.3	75.8

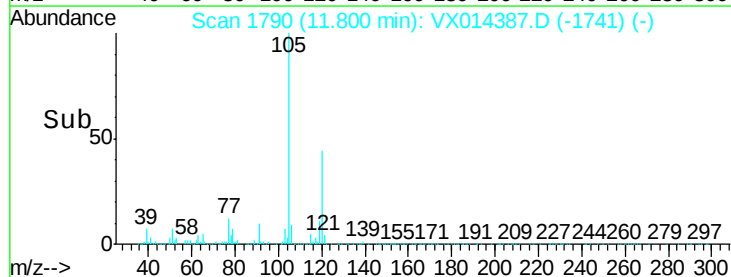
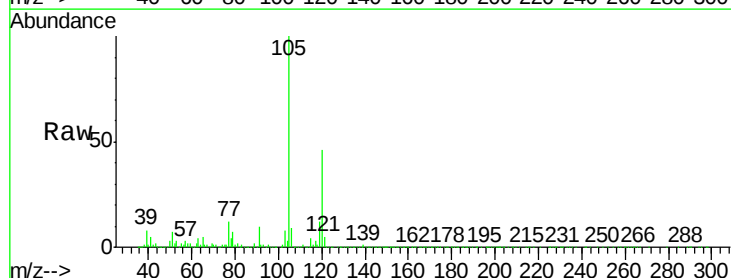
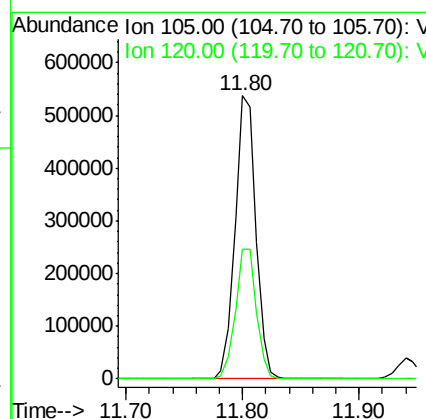
Manual Integrations
 APPROVED

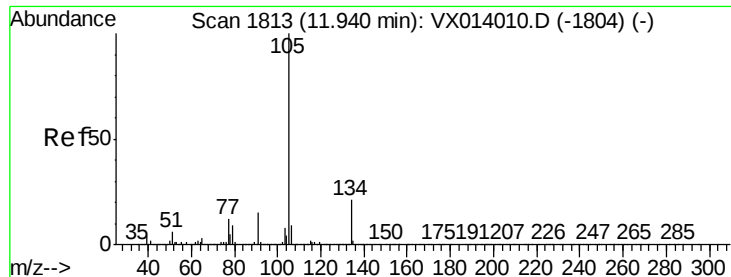
apatel
 1/2/2020 9:54:44 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 30.325 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014387.D
 Acq: 31 Dec 2019 18:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 1.828 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

K500-4ME

Tot Ion:105 Resp: 46121

Ion Ratio Lower Upper

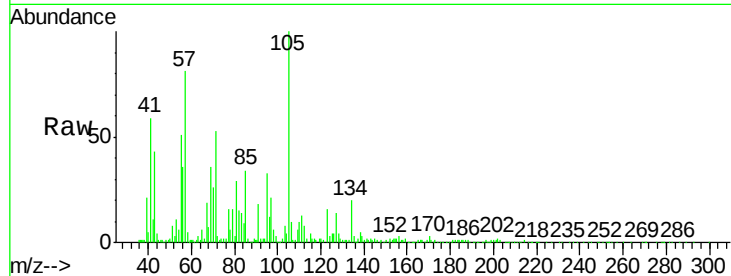
105 100

134 29.4 10.4 31.1

Manual Integrations
APPROVED

apatel

1/2/2020 9:54:44 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

40000

30000

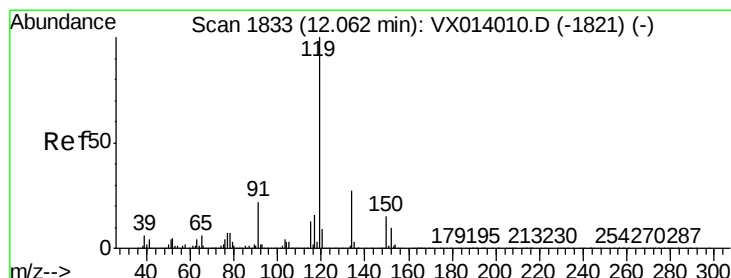
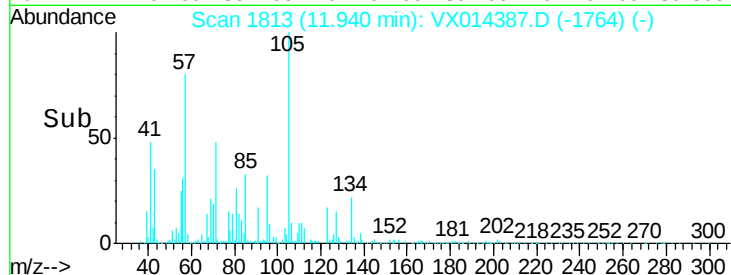
20000

10000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 1.499 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014387.D

Acq: 31 Dec 2019 18:00

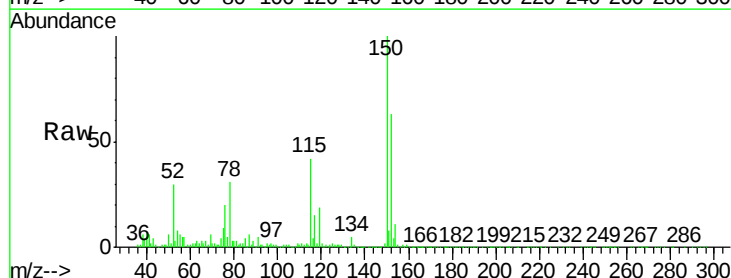
Tgt Ion:119 Resp: 34581

Ion Ratio Lower Upper

119 100

134 30.3 13.4 40.1

91 25.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

80000

60000

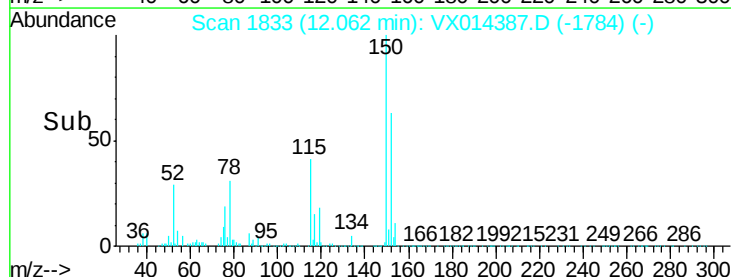
40000

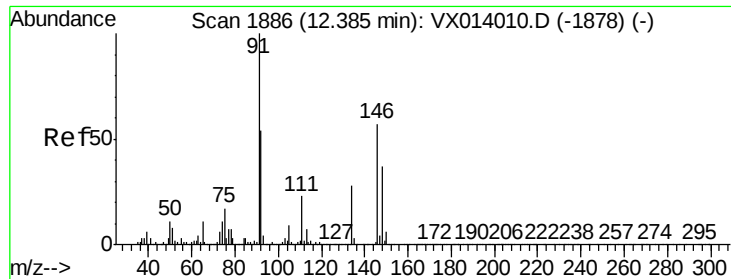
20000

0

Time-->

12.05 12.10





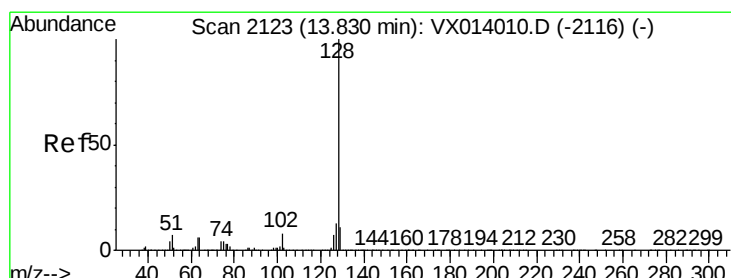
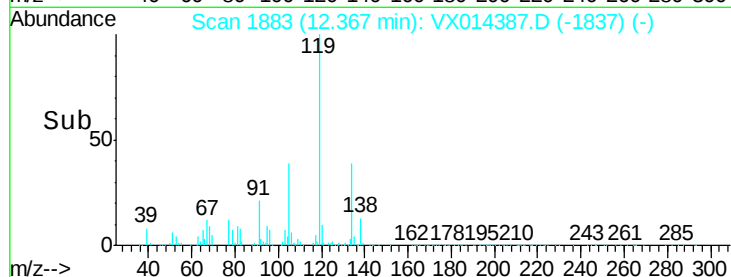
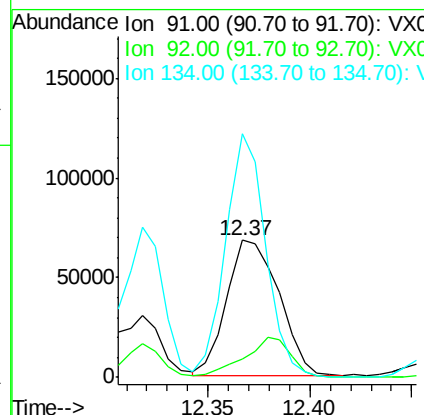
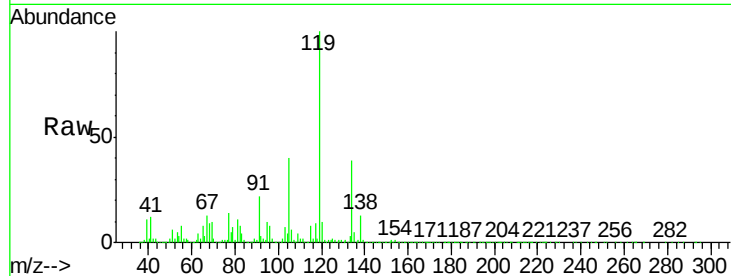
#89
n-Butylbenzene
Concen: 6.103 ug/l
RT: 12.37 min Scan# 1883
Delta R.T. -0.02 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Instrument :
MSVOA_X
ClientSampleId :
K500-4ME

Tot Ion	Ratio	Resp	Lower	Upper
91	100	120172		
92	26.3	27.2	81.6#	
134	138.3	13.4	40.1#	

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:44 AM



#95
Naphthalene
Concen: 2.669 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014387.D
Acq: 31 Dec 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	64555		
127	17.5	10.2	15.4#	
129	13.5	8.7	13.1#	

