

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010694.D
 Acq On : 08 Jul 2019 14:39
 Operator : JC/SP
 Sample : K3669-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:11:02 AM

Quant Time: Jul 09 01:48:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116430	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	112407	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	441377	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.13	95	154618	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
16) Acetone	2.45	43	2005	1.800	ug/l #	68
31) Cyclohexane	5.58	56	2087	0.650	ug/l	94
39) Methylcyclohexane	7.46	83	8677	2.263	ug/l #	80
65) Chlorobenzene	10.13	112	85374	12.456	ug/l	98
73) Isopropylbenzene	11.02	105	151212	13.280	ug/l	98
78) n-propylbenzene	11.36	91	54611	4.364	ug/l	98
83) tert-Butylbenzene	11.77	119	88444	9.388	ug/l	90
85) sec-Butylbenzene	11.94	105	379096	34.271	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	8179	1.474	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	21115	3.737	ug/l	90
89) n-Butylbenzene	12.38	91	13627m	1.567	ug/l	

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

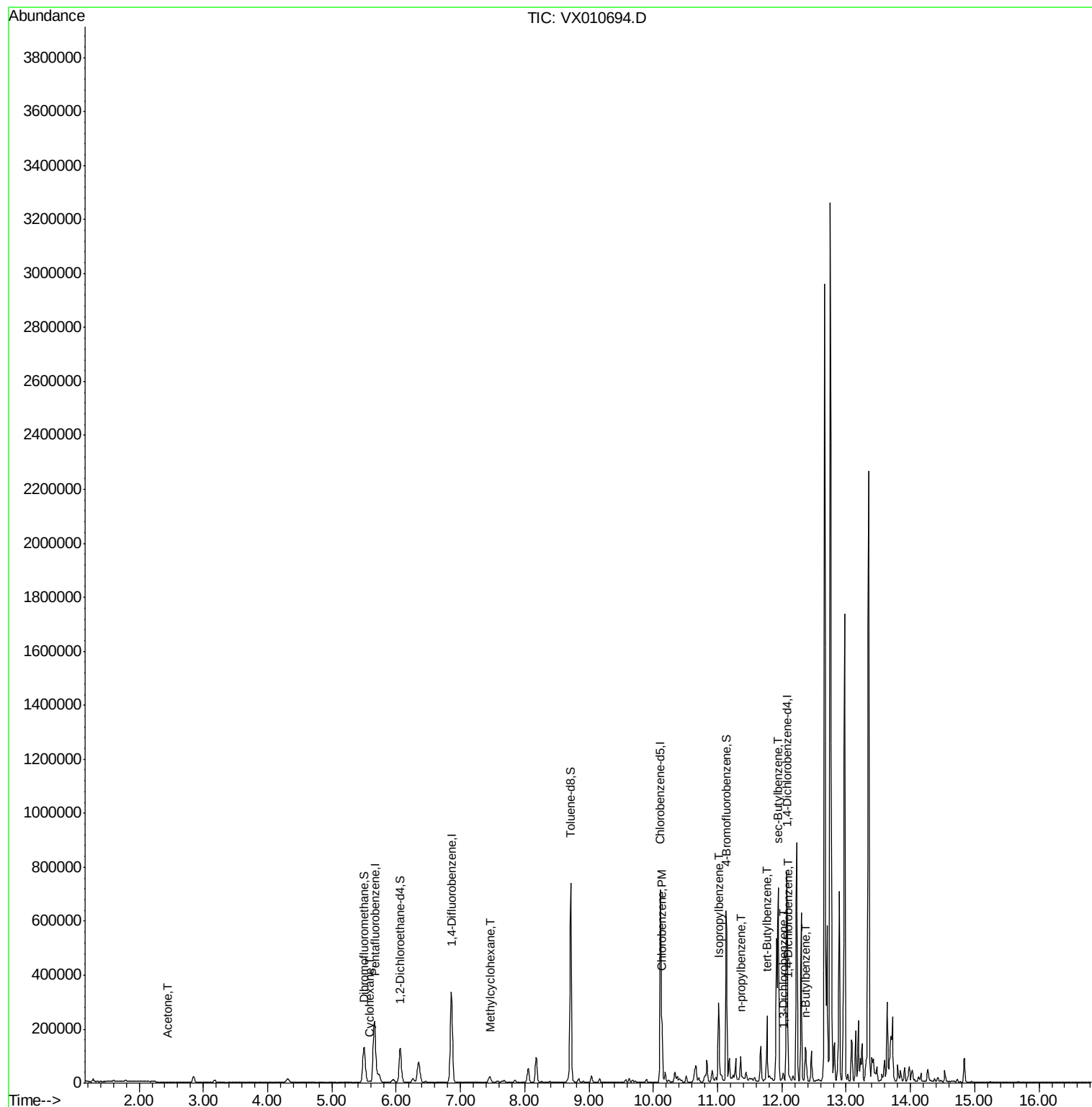
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010694.D
Acq On : 08 Jul 2019 14:39
Operator : JC/SP
Sample : K3669-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

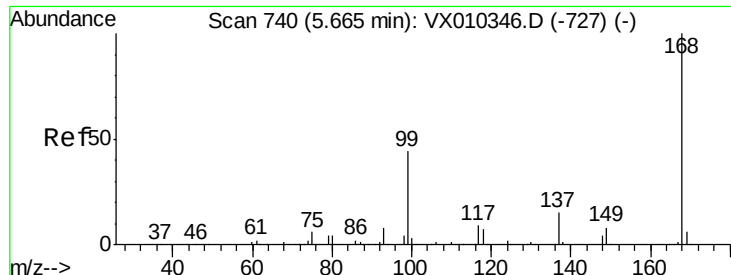
Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:11:02 AM

Quant Time: Jul 09 01:48:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

Tgt Ion:168 Resp: 237035

Ion Ratio Lower Upper

168 100

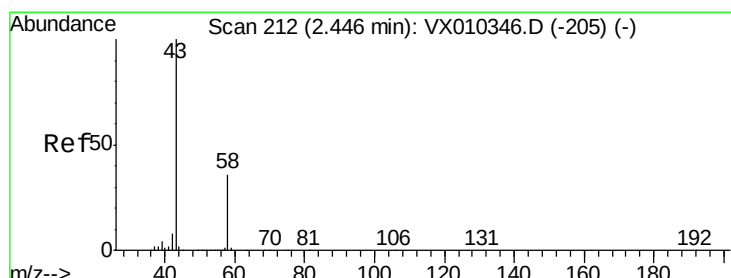
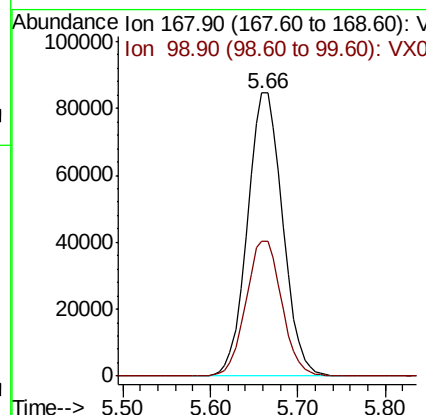
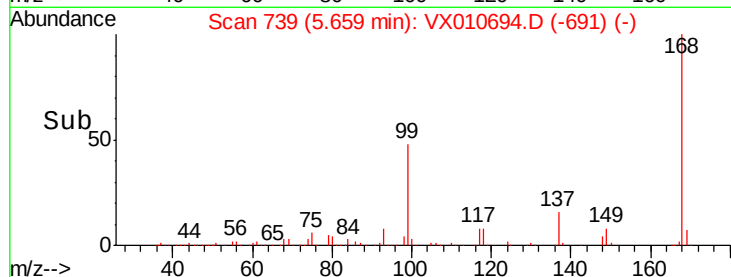
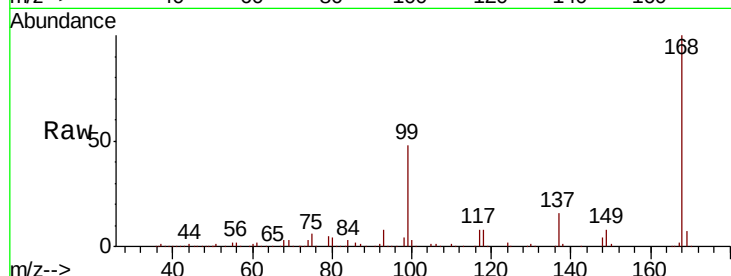
99 47.6 35.5 53.3

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:11:02 AM



#16

Acetone

Concen: 1.800 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010694.D

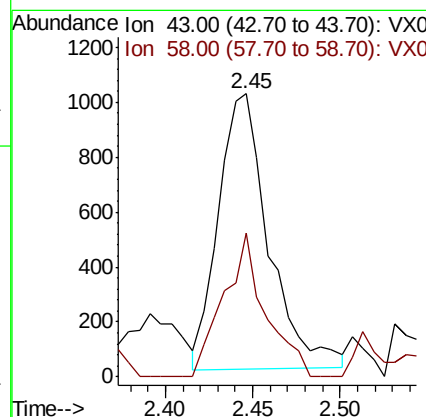
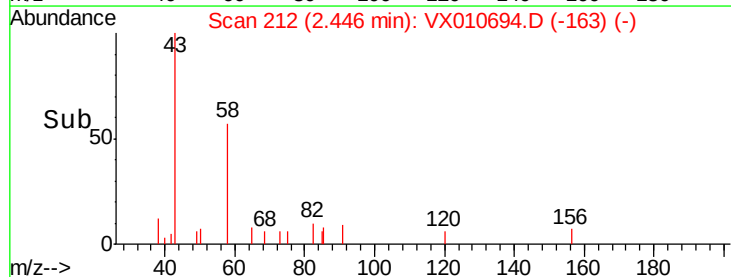
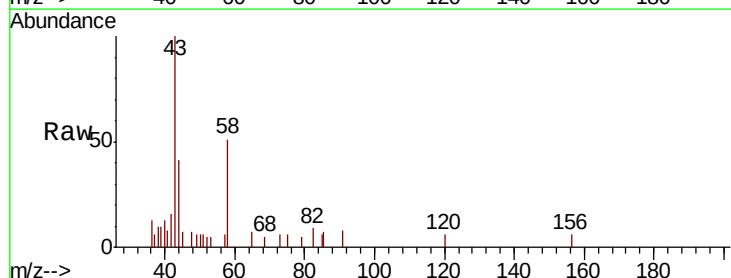
Acq: 08 Jul 2019 14:39

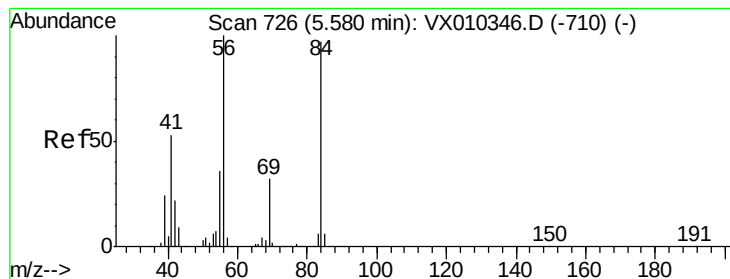
Tgt Ion: 43 Resp: 2005

Ion Ratio Lower Upper

43 100

58 54.9 28.9 43.3#





#31

Cyclohexane

Concen: 0.650 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

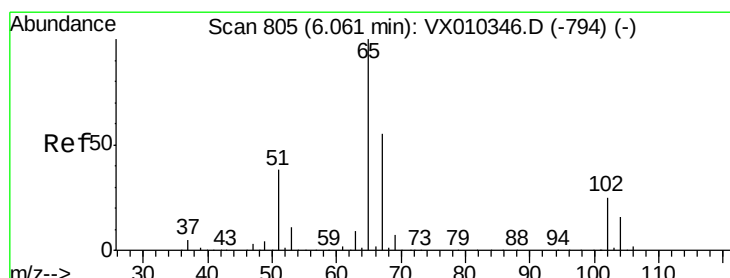
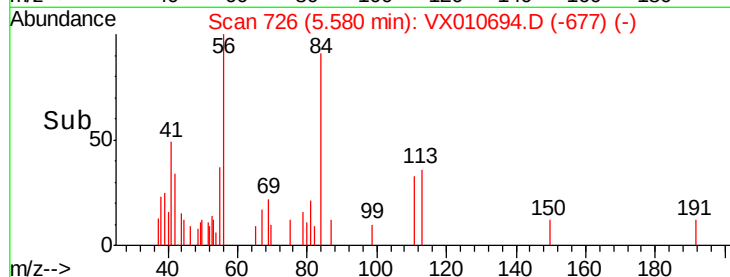
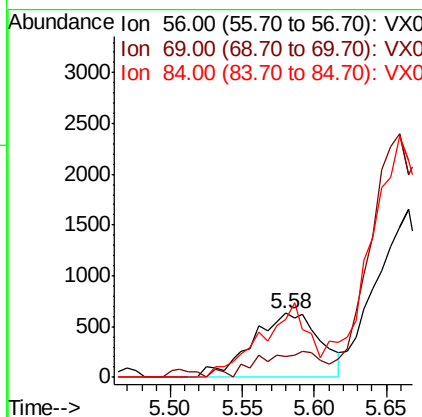
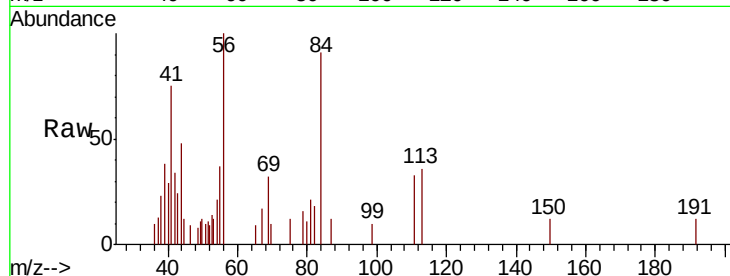
ClientSampleId :

ST008MW037-190701

Tgt Ion:	56	Resp:	2087
Ion Ratio	Lower	Upper	
56	100		
69	34.4	25.9	38.9
84	90.8	78.0	117.0

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:11:02 AM



#33

1,2-Dichloroethane-d4

Concen: 52.388 ug/l

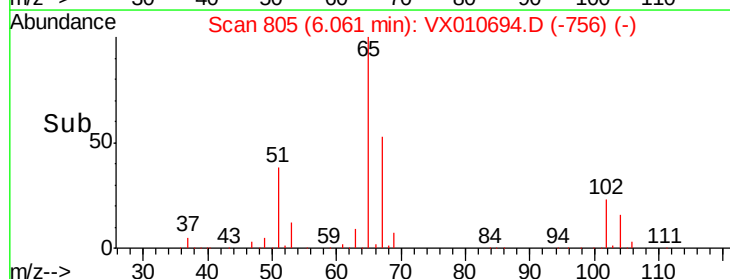
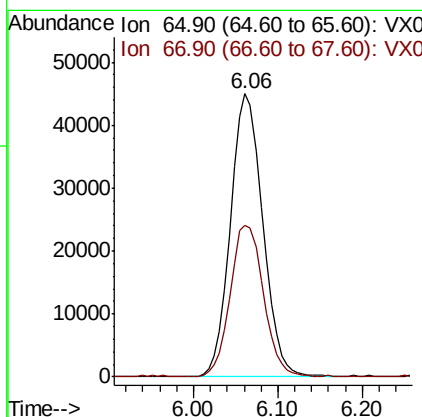
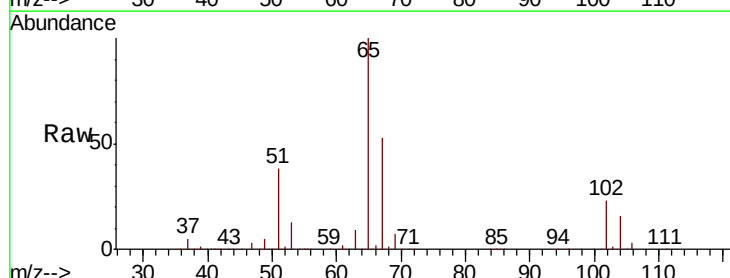
RT: 6.06 min Scan# 805

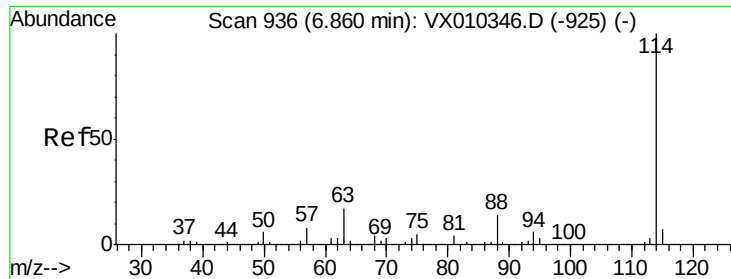
Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Tgt Ion:	65	Resp:	116430
Ion Ratio	Lower	Upper	
65	100		
67	55.5	0.0	110.2





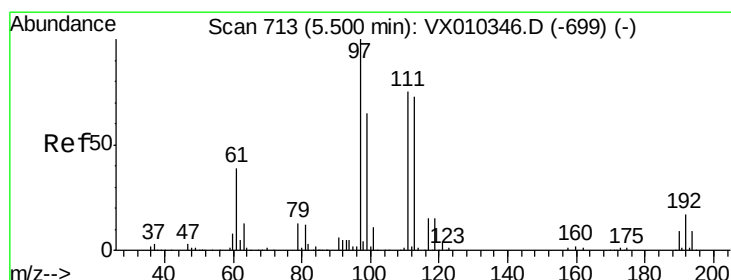
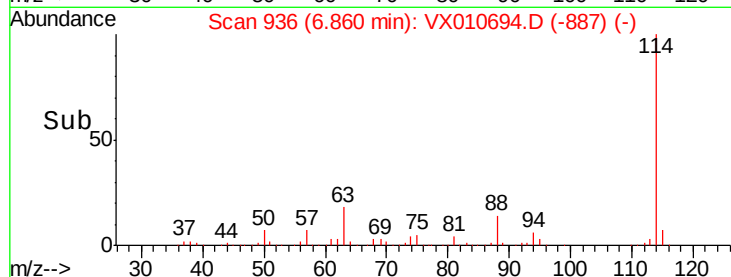
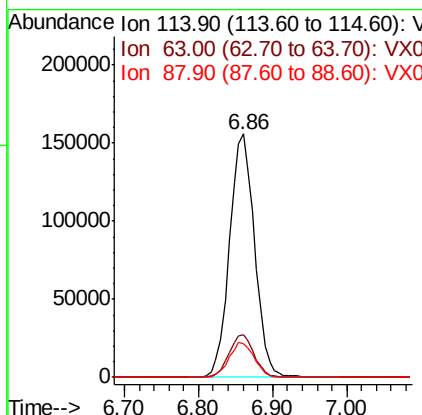
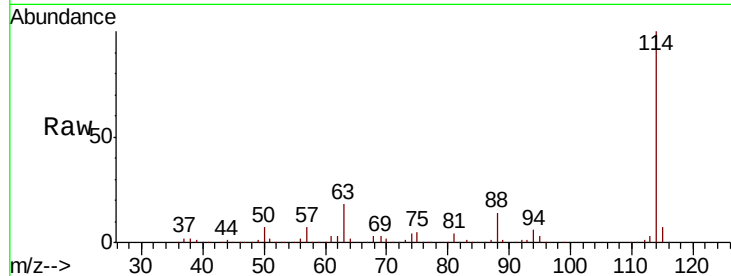
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367016		
63	17.7	0.0	33.8	
88	14.1	0.0	27.6	

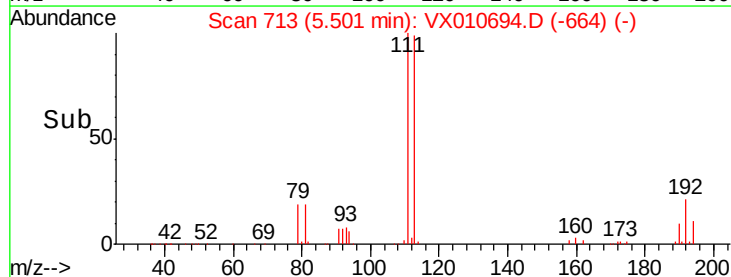
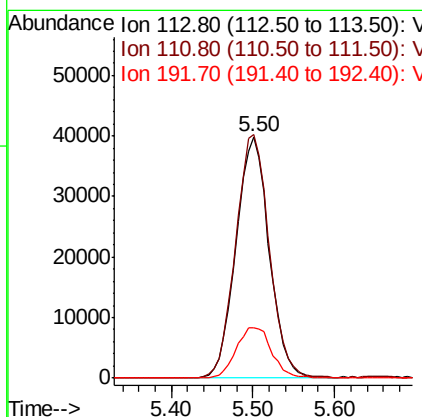
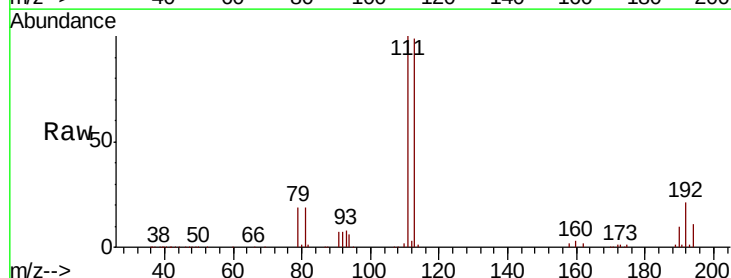
Manual Integrations
APPROVED

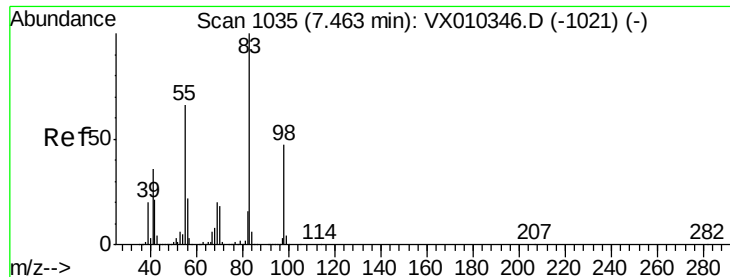
MMDadoda
7/9/2019 11:11:02 AM



#35
Dibromofluoromethane
Concen: 50.058 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	112407		
111	102.7	81.2	121.8	
192	22.3	18.6	27.8	





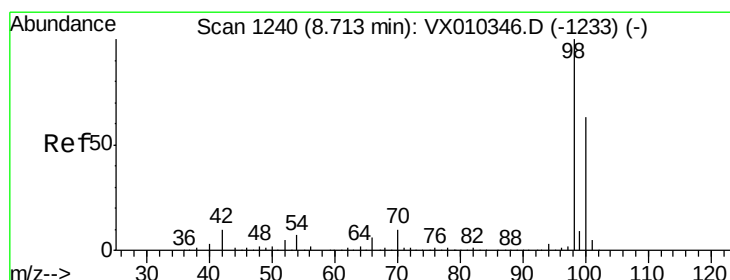
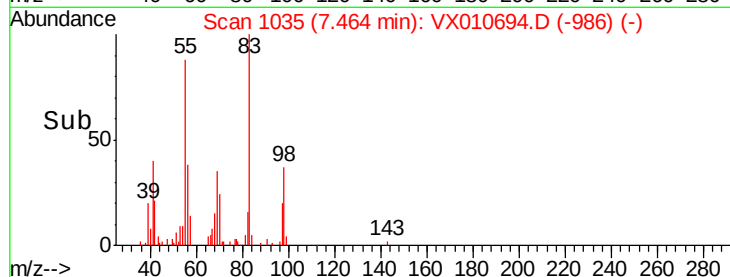
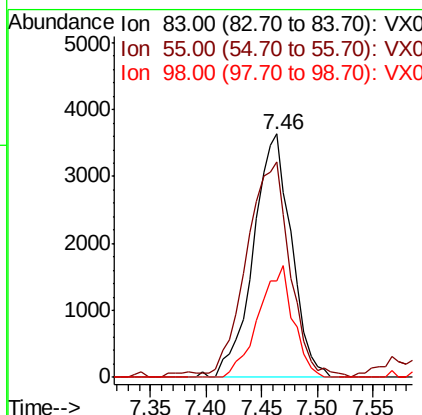
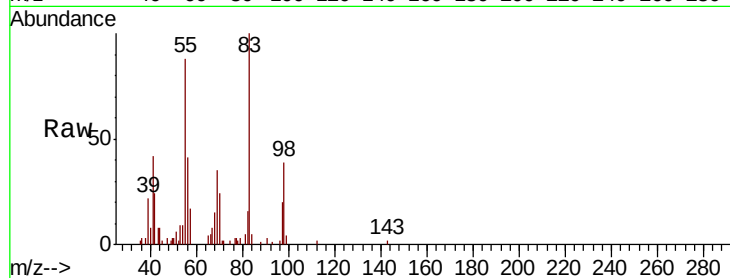
#39
Methylcyclohexane
Concen: 2.263 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.7	53.0	79.6#
98	39.4	37.8	56.8

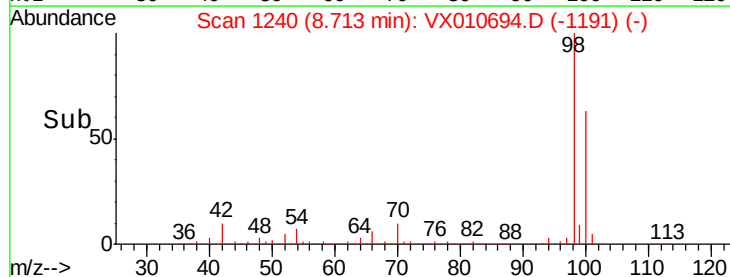
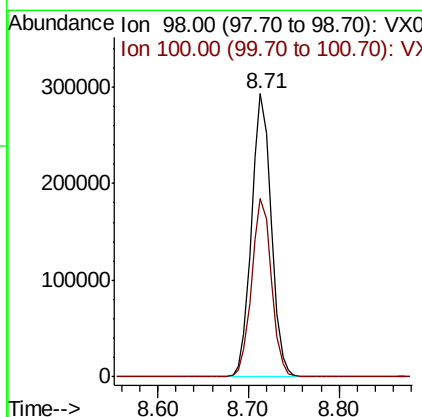
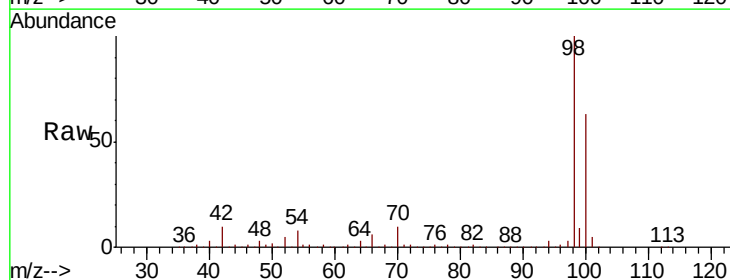
Manual Integrations
APPROVED

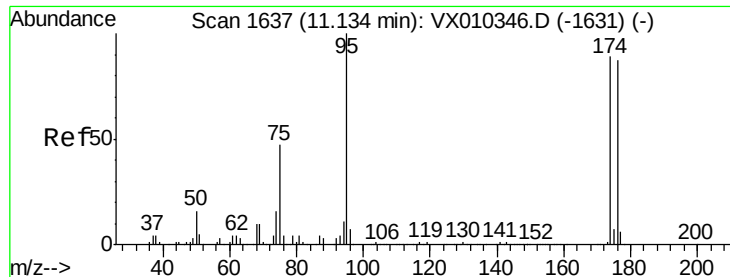
MMDadoda
7/9/2019 11:11:02 AM



#50
Toluene-d8
Concen: 51.377 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.6	77.4





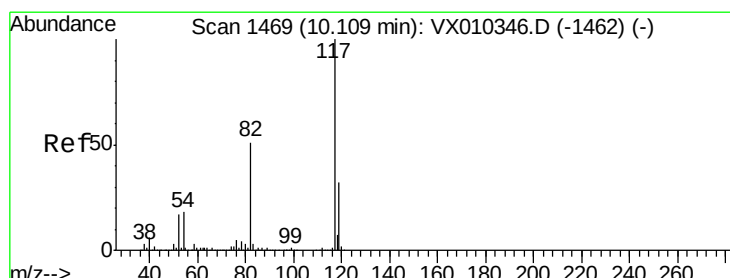
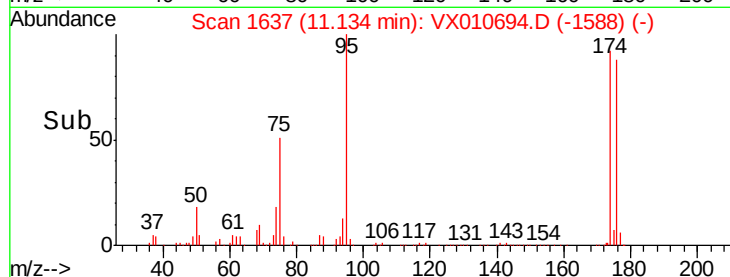
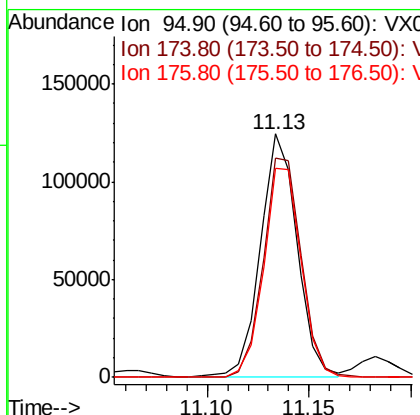
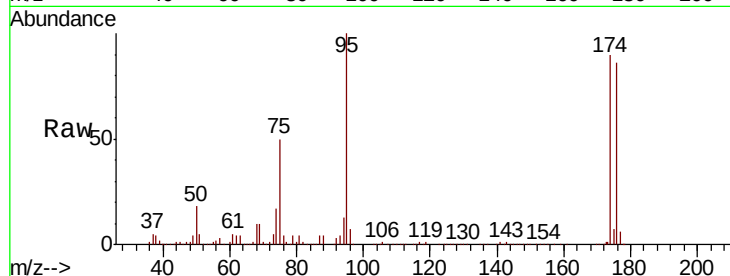
#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	154618		
174	94.1	0.0	187.6	
176	89.1	0.0	184.0	

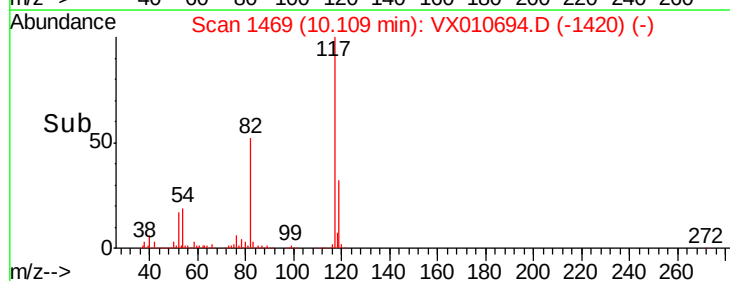
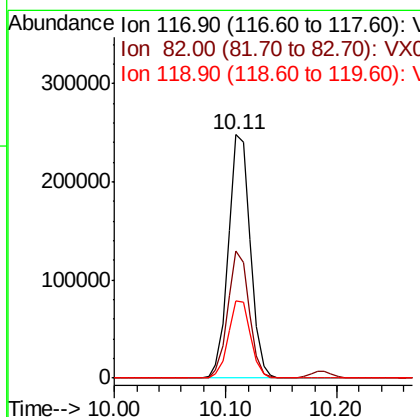
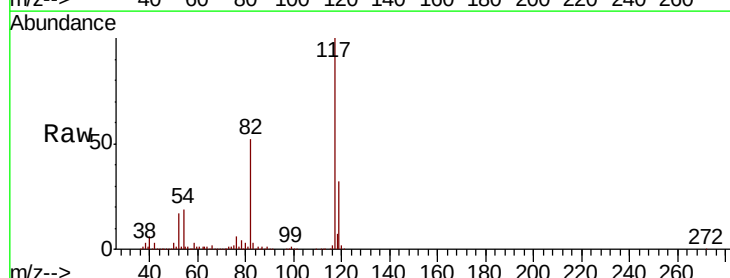
Manual Integrations
APPROVED

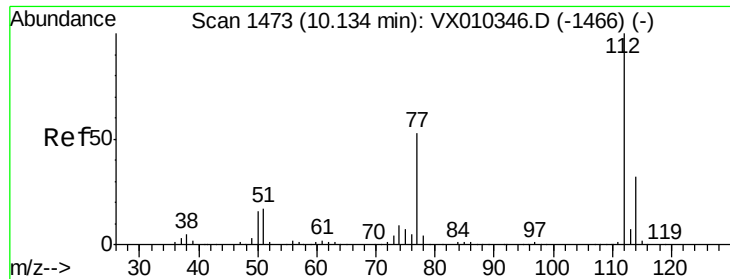
MMDadoda
7/9/2019 11:11:02 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337595		
82	52.4	41.2	61.8	
119	31.8	25.5	38.3	





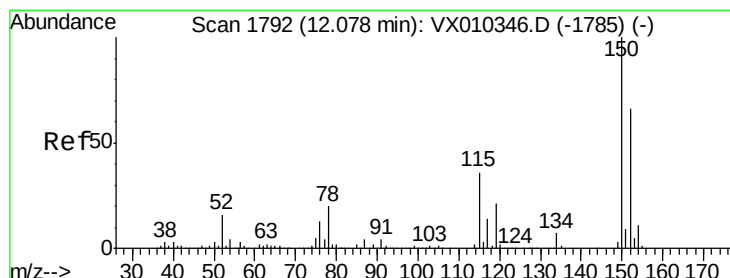
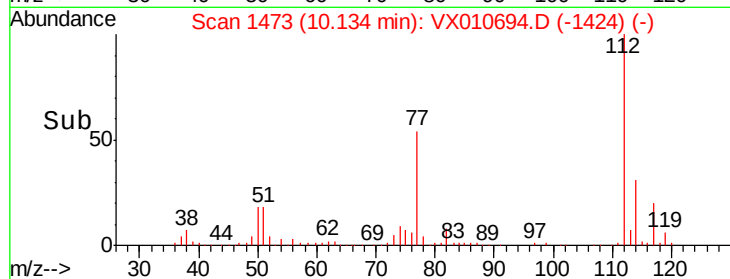
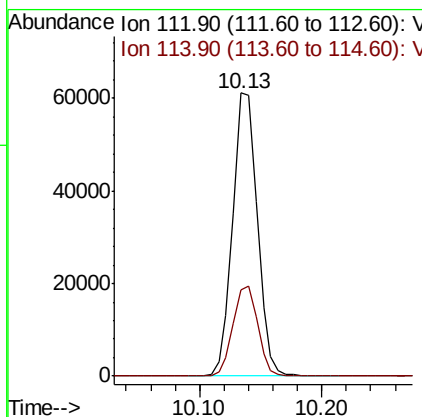
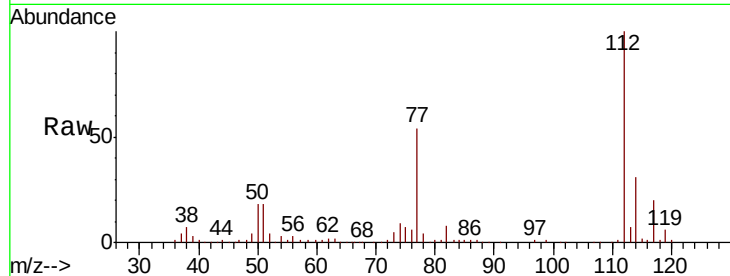
#65
Chlorobenzene
Concen: 12.456 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tgt Ion:112 Resp: 85374
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

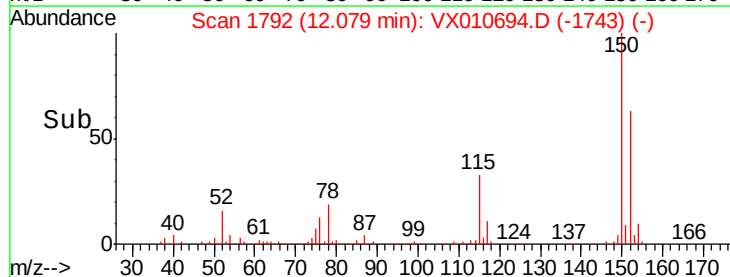
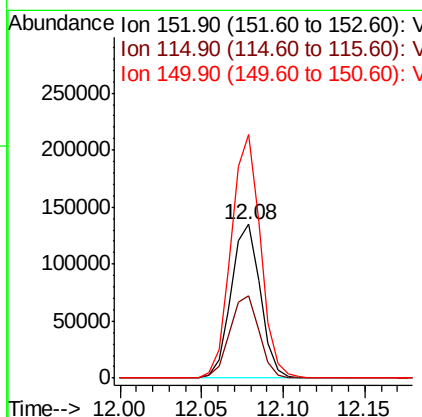
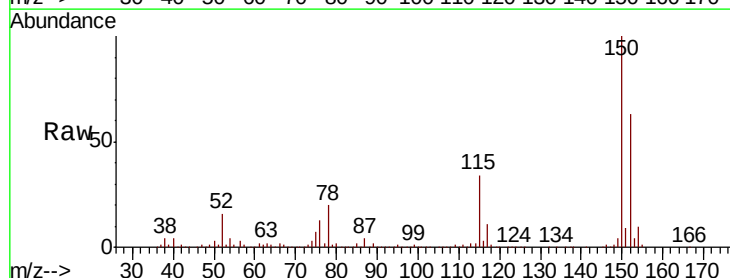
Manual Integrations
APPROVED

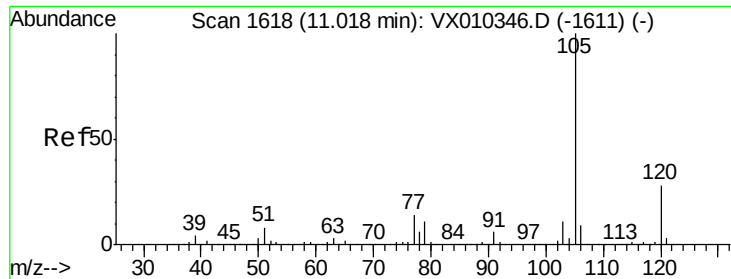
MMDadoda
7/9/2019 11:11:02 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion:152 Resp: 167970
Ion Ratio Lower Upper
152 100
115 54.5 38.6 115.7
150 158.1 0.0 347.4





#73

Isopropylbenzene

Concen: 13.280 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

ST008MW037-190701

Tgt Ion: 105 Resp: 151212

Ion Ratio Lower Upper

105 100

120 27.2

14.1

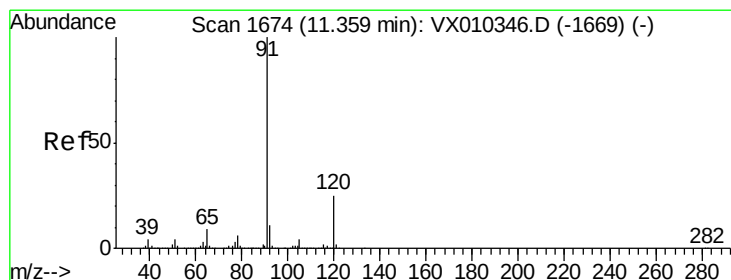
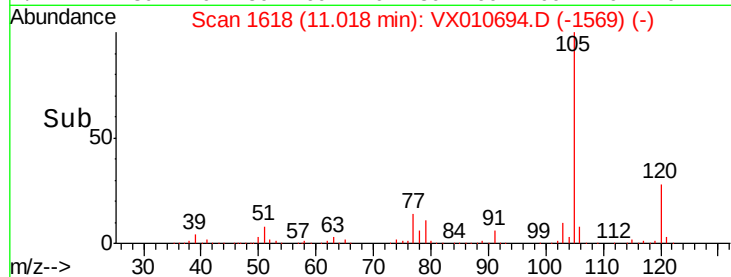
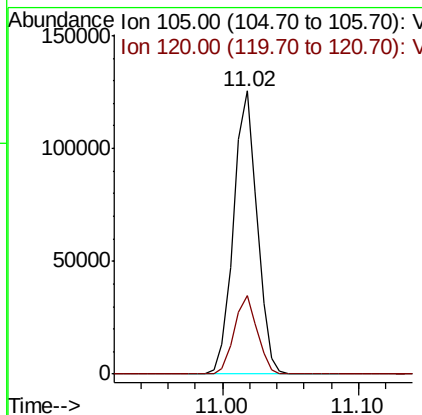
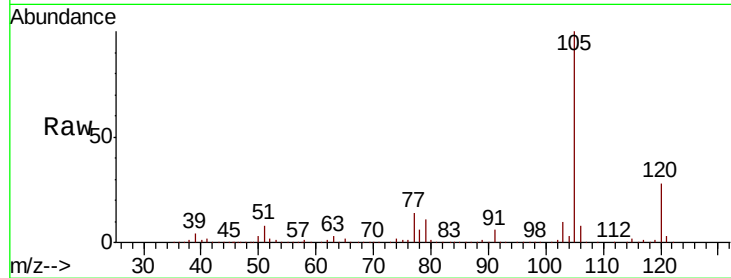
42.4

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:11:02 AM



#78

n-propylbenzene

Concen: 4.364 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010694.D

Acq: 08 Jul 2019 14:39

Tgt Ion: 91 Resp: 54611

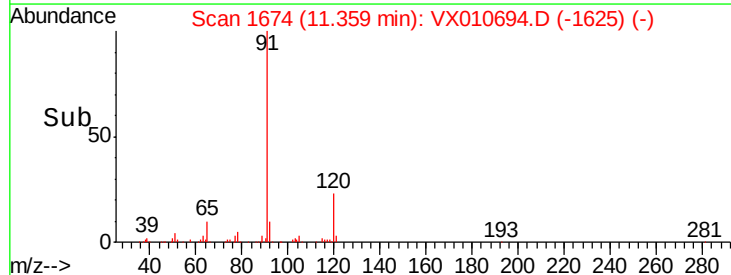
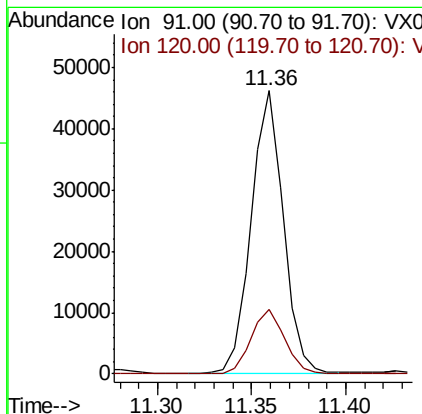
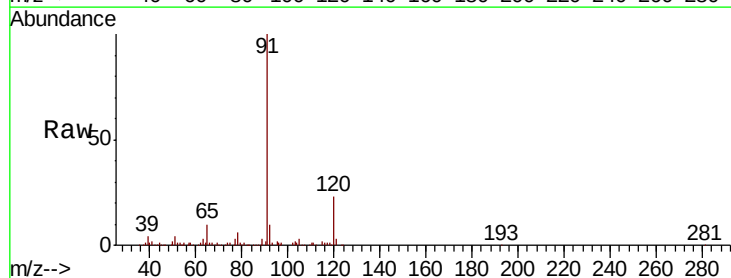
Ion Ratio Lower Upper

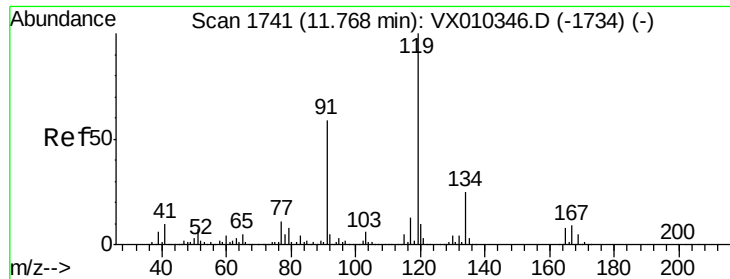
91 100

120 23.9

12.4

37.4





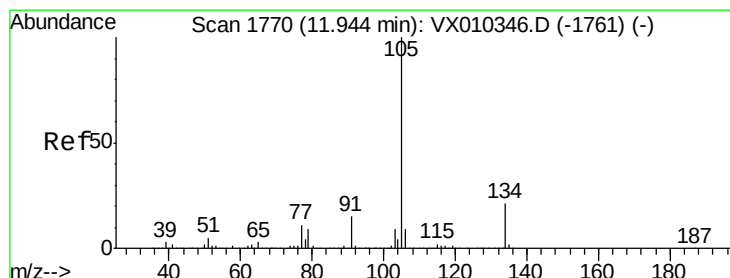
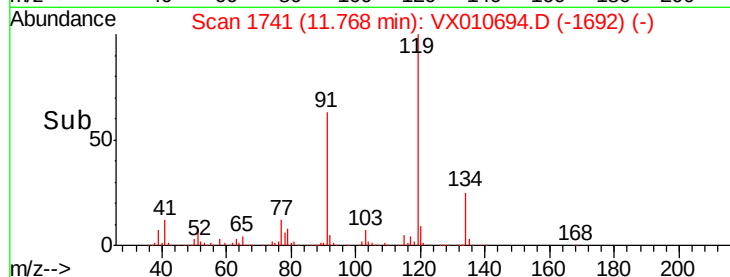
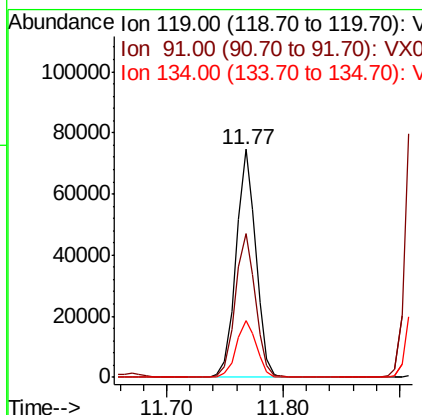
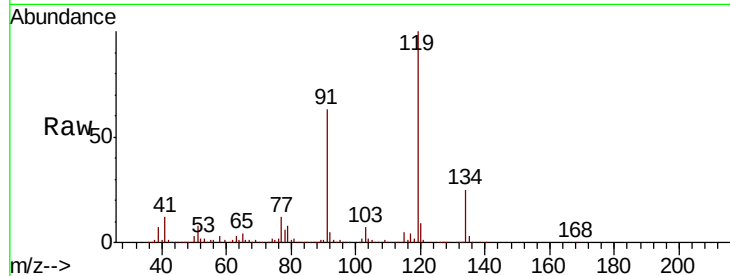
#83
tert-Butylbenzene
Concen: 9.388 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
ST008MW037-190701

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.5	27.6	82.7
134	25.2	11.8	35.4

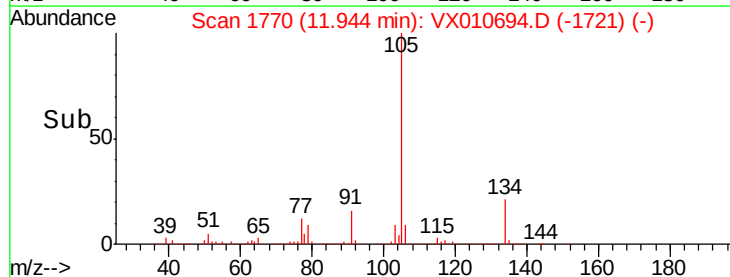
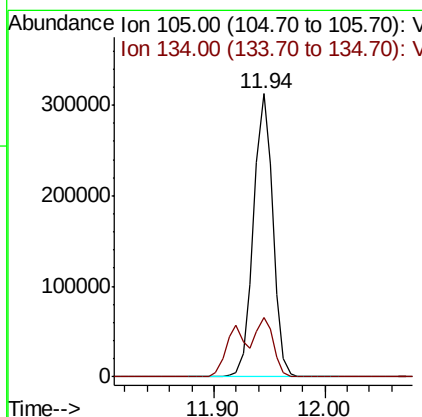
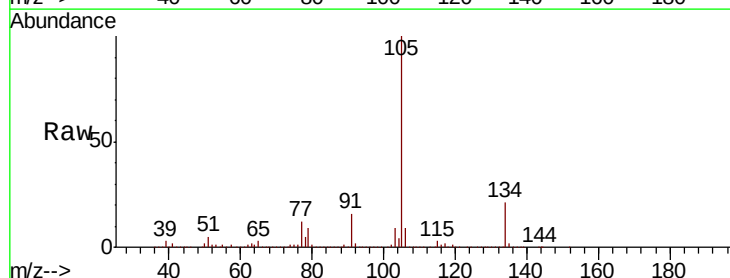
Manual Integrations
APPROVED

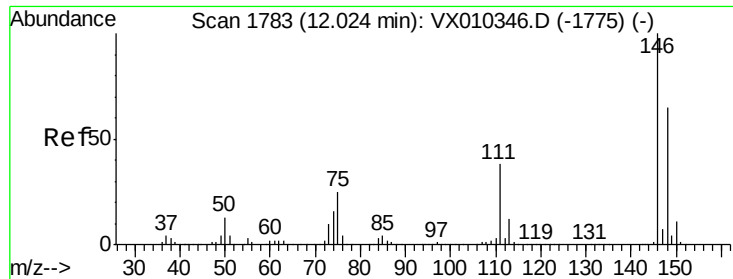
MMDadoda
7/9/2019 11:11:02 AM



#85
sec-Butylbenzene
Concen: 34.271 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010694.D
Acq: 08 Jul 2019 14:39

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	10.7	31.9





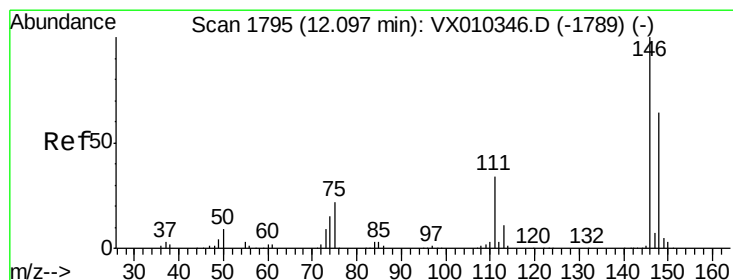
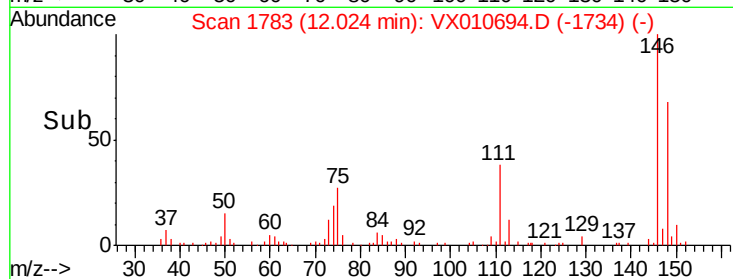
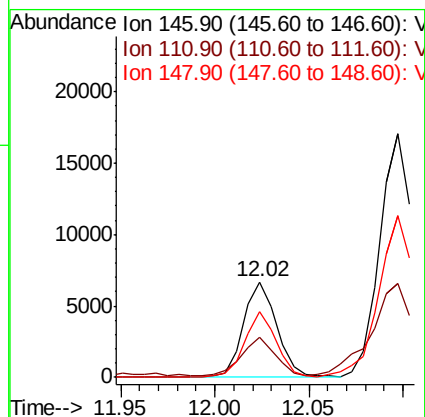
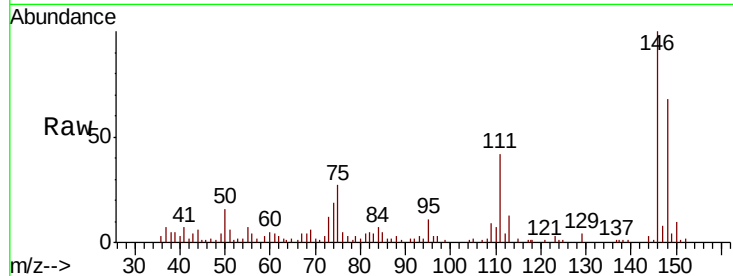
#87
 1,3-Dichlorobenzene
 Concen: 1.474 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.1	57.1
148	65.6	32.5	97.4

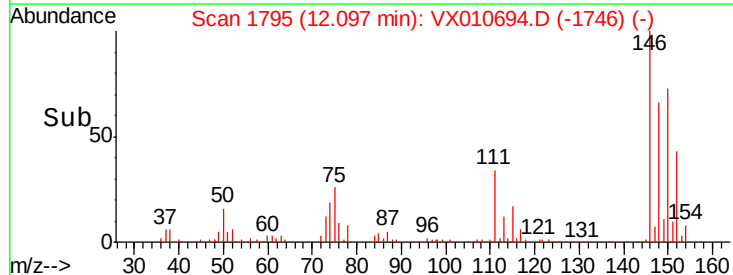
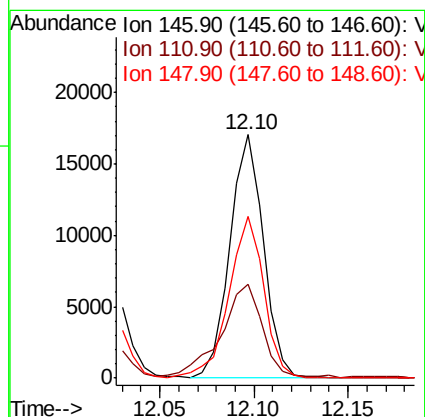
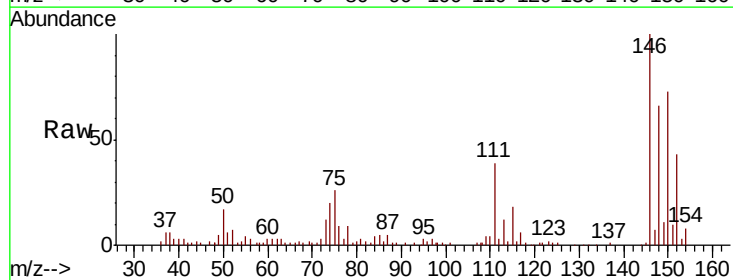
Manual Integrations
 APPROVED

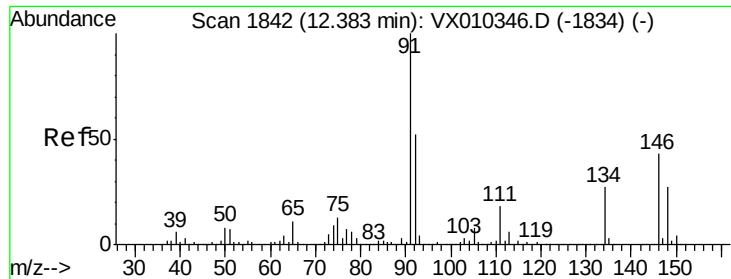
MMDadoda
 7/9/2019 11:11:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 3.737 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.7	18.1	54.3
148	69.0	32.1	96.3





#89
 n-Butylbenzene
 Concen: 1.567 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010694.D
 Acq: 08 Jul 2019 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW037-190701

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.2	78.5
134	129.0	14.1	42.4

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:11:02 AM

