

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010695.D
 Acq On : 08 Jul 2019 15:02
 Operator : JC/SP
 Sample : K3669-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:11:07 AM

Quant Time: Jul 09 01:51:33 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	5.67	168	230405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117076	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
35) Dibromofluoromethane	5.50	113	108723	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	432432	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	148171	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1804	0.883	ug/l #	86
16) Acetone	2.45	43	3154	2.913	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	9319	3.755	ug/l	94
31) Cyclohexane	5.58	56	4876m	1.563	ug/l	
39) Methylcyclohexane	7.46	83	13425	3.585	ug/l #	66
44) Trichloroethene	7.21	130	4239	1.596	ug/l	83
65) Chlorobenzene	10.13	112	67390	10.058	ug/l	98
73) Isopropylbenzene	11.02	105	5156	0.482	ug/l	95
83) tert-Butylbenzene	11.77	119	11428	1.292	ug/l	93
85) sec-Butylbenzene	11.94	105	23487	2.262	ug/l #	55
88) 1,4-Dichlorobenzene	12.10	146	5400	1.018	ug/l #	68
91) 1,2-Dichlorobenzene	12.39	146	1433	0.277	ug/l	84

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

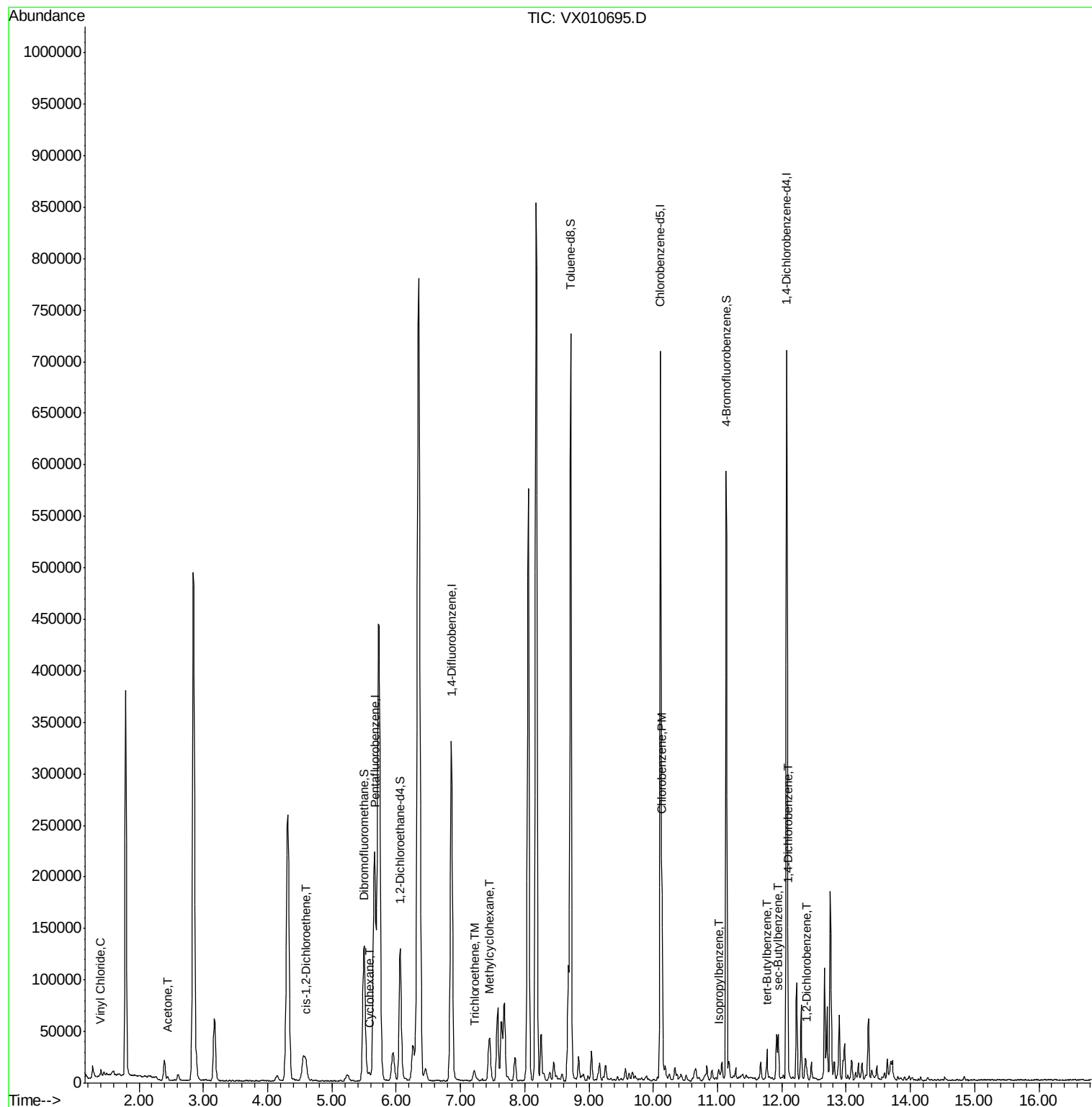
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010695.D
Acq On : 08 Jul 2019 15:02
Operator : JC/SP
Sample : K3669-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

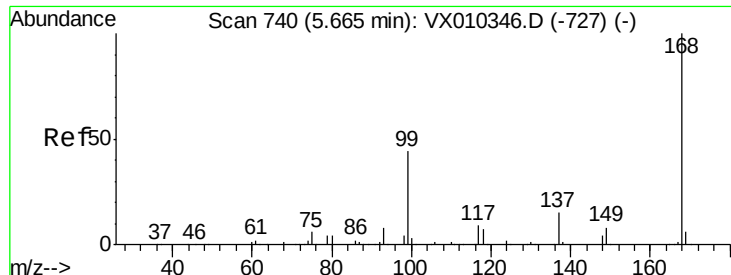
Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:11:07 AM

Quant Time: Jul 09 01:51:33 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

ST008MW038-190701

Tgt Ion: 168 Resp: 230405

Ion Ratio Lower Upper

168 100

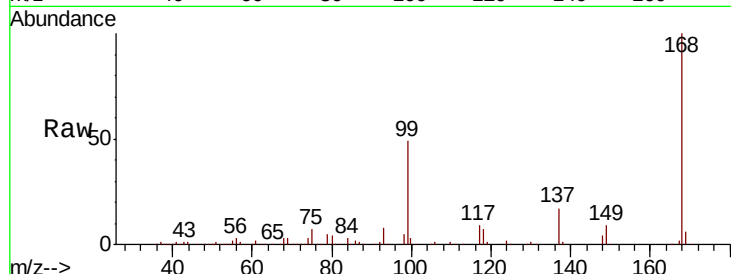
99 49.3 35.5 53.3

Manual Integrations

APPROVED

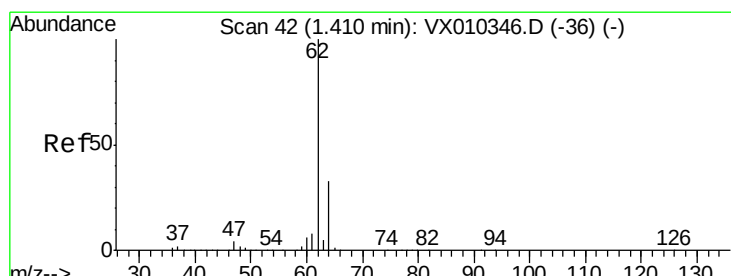
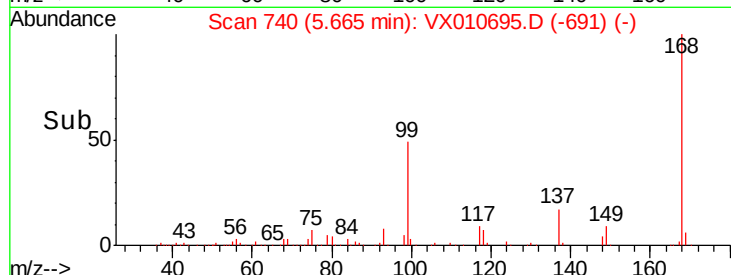
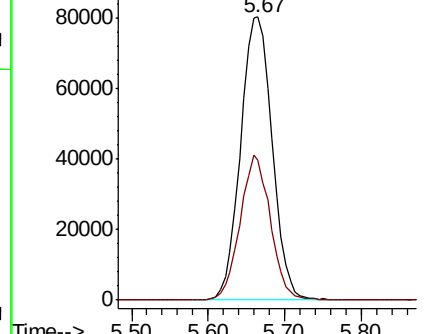
MMDadoda

7/9/2019 11:11:07 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.883 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010695.D

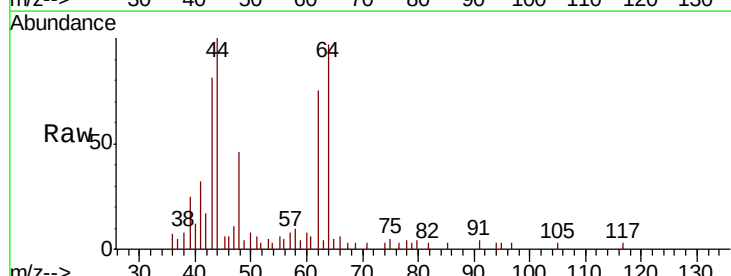
Acq: 08 Jul 2019 15:02

Tgt Ion: 62 Resp: 1804

Ion Ratio Lower Upper

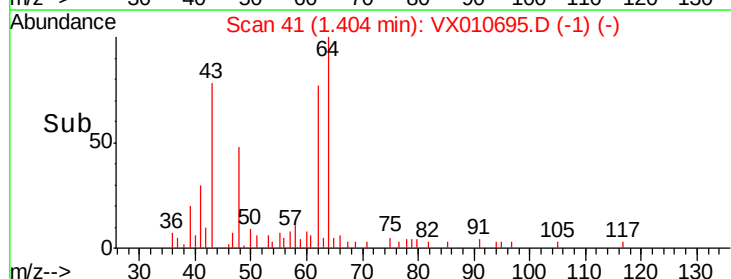
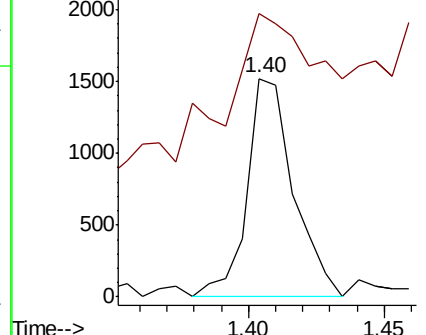
62 100

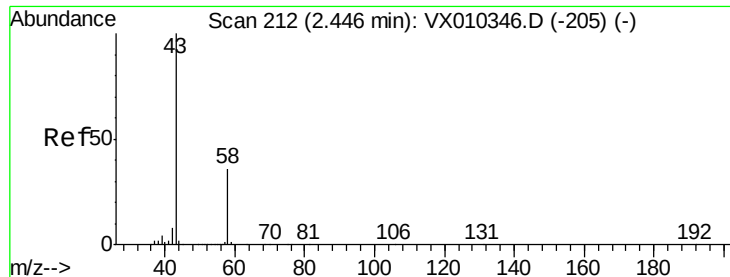
64 41.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





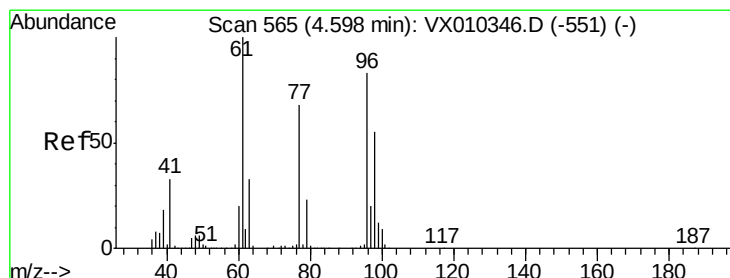
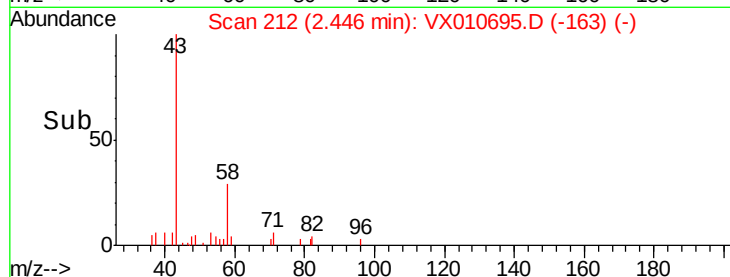
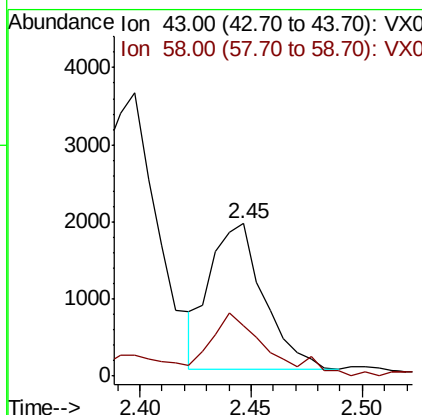
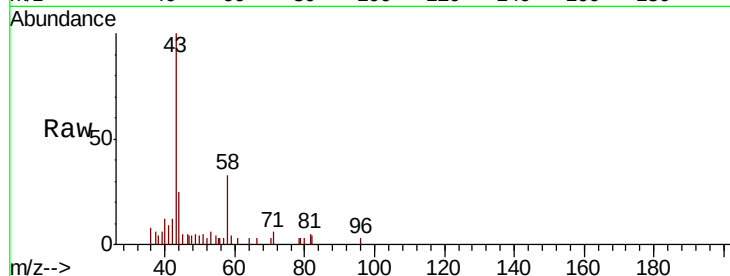
#16
Acetone
Concen: 2.913 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.3	28.9	43.3

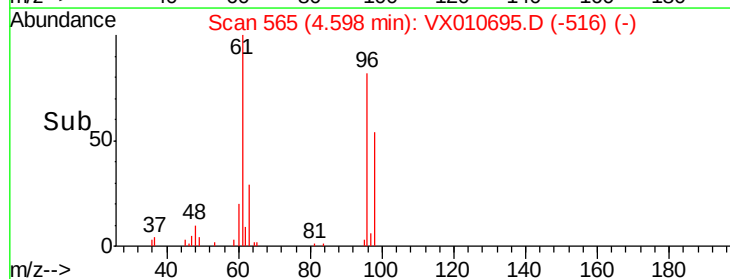
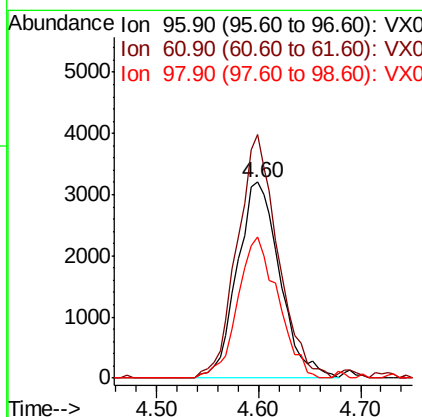
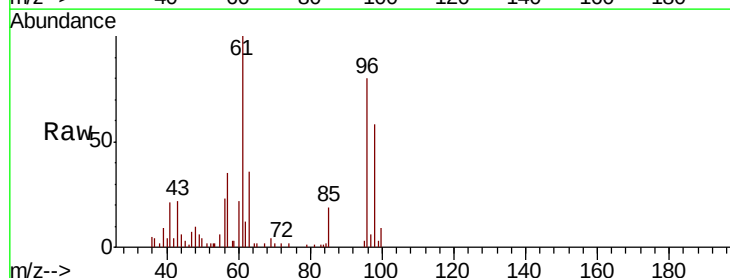
Manual Integrations
APPROVED

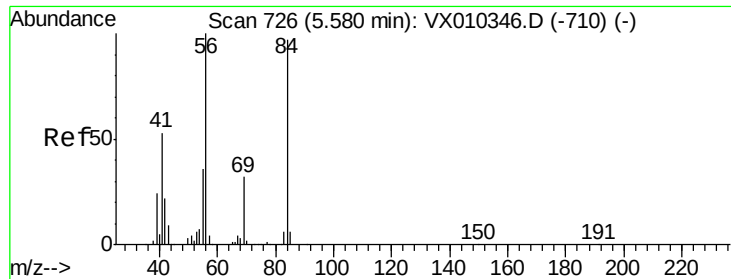
MMDadoda
7/9/2019 11:11:07 AM



#27
cis-1,2-Dichloroethene
Concen: 3.755 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.0	0.0	251.8
98	67.9	0.0	129.4





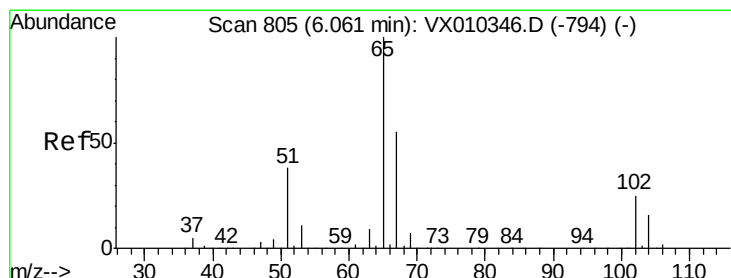
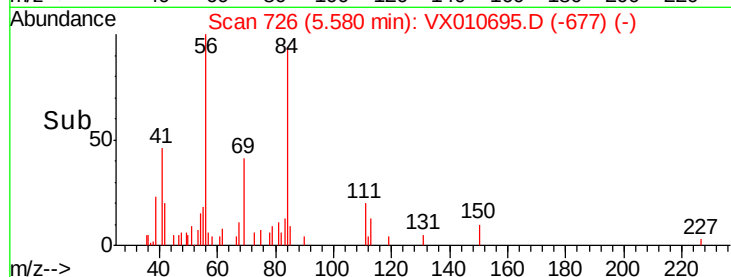
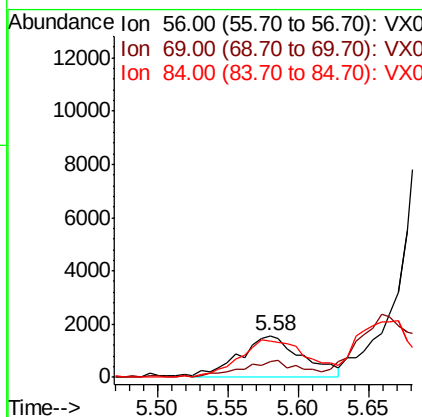
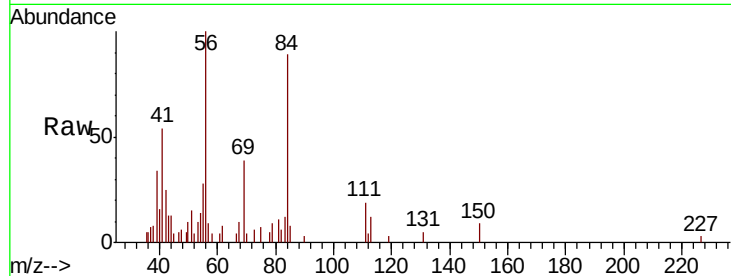
#31
Cyclohexane
Concen: 1.563 ug/l m
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.8	25.9	38.9
84	88.9	78.0	117.0

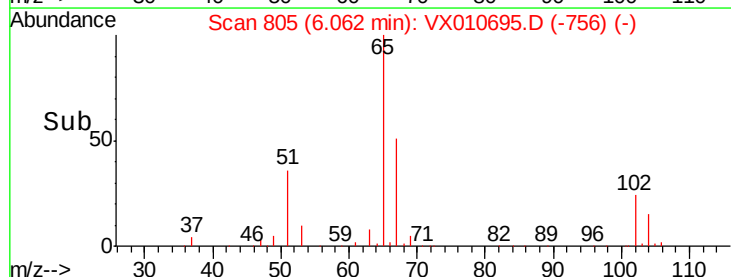
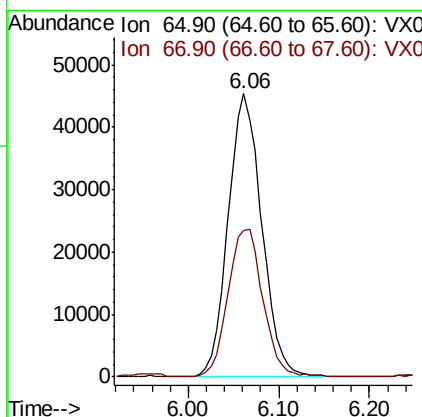
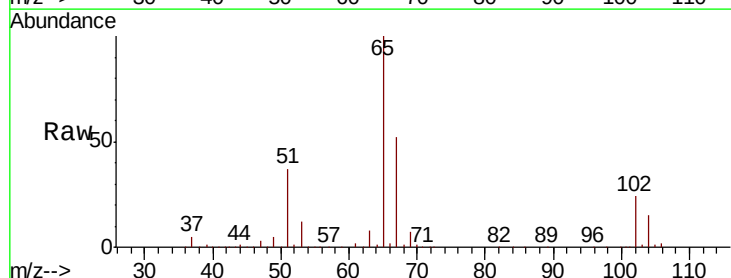
Manual Integrations
APPROVED

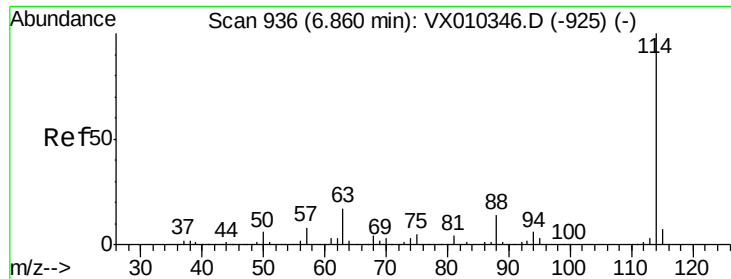
MMDadoda
7/9/2019 11:11:07 AM



#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	110.2





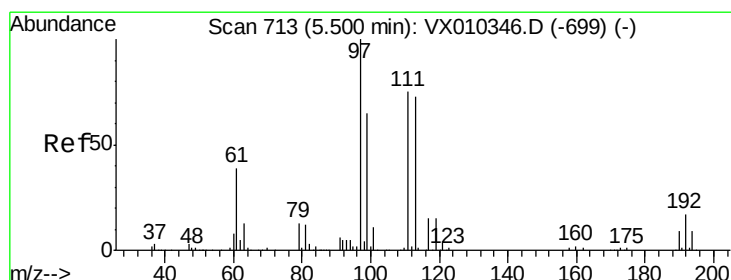
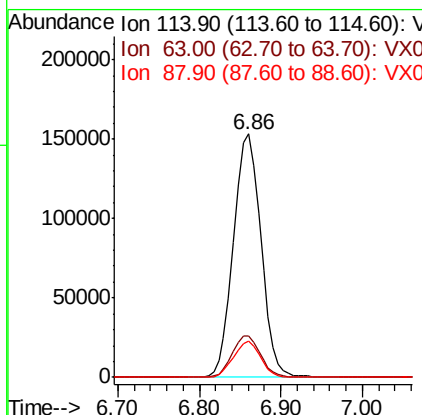
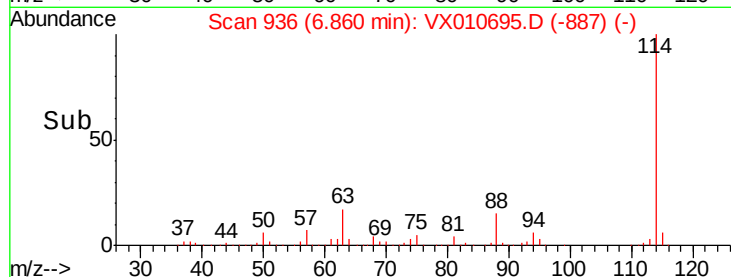
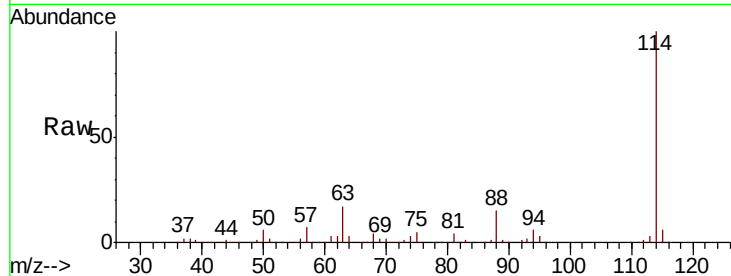
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	16.8	0.0	33.8
88	14.9	0.0	27.6

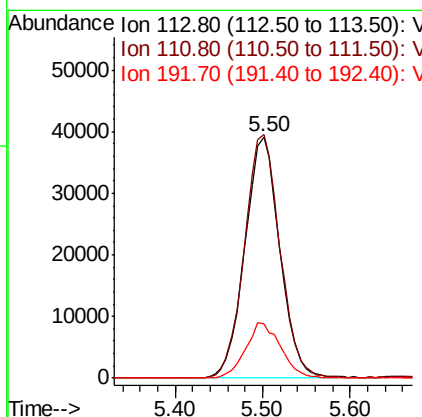
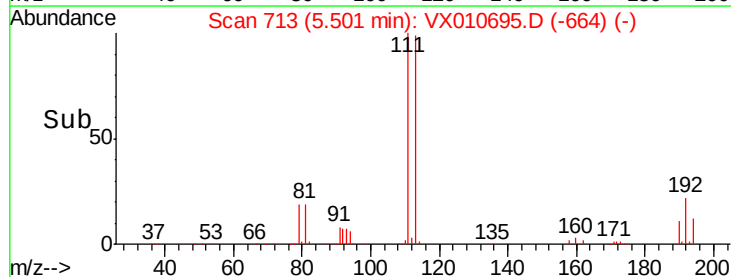
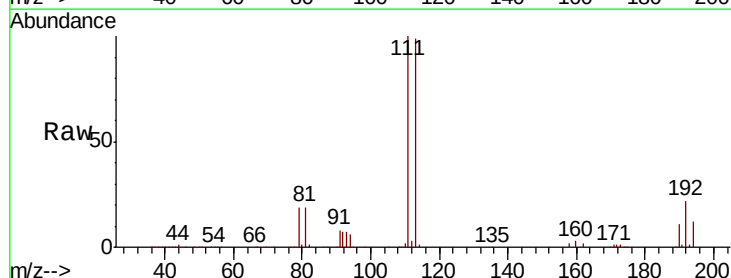
Manual Integrations
 APPROVED

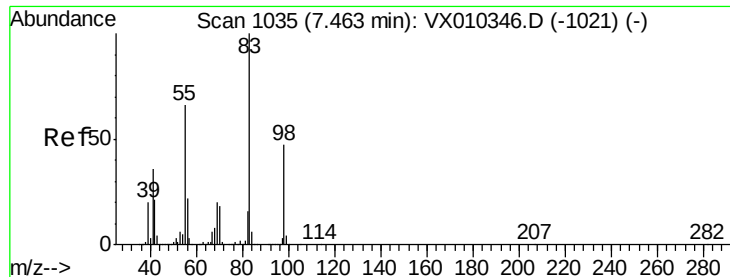
MMDadoda
 7/9/2019 11:11:07 AM



#35
 Dibromofluoromethane
 Concen: 49.560 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.8	81.2	121.8
192	22.8	18.6	27.8





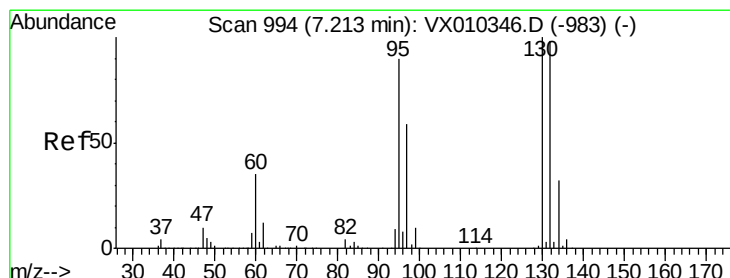
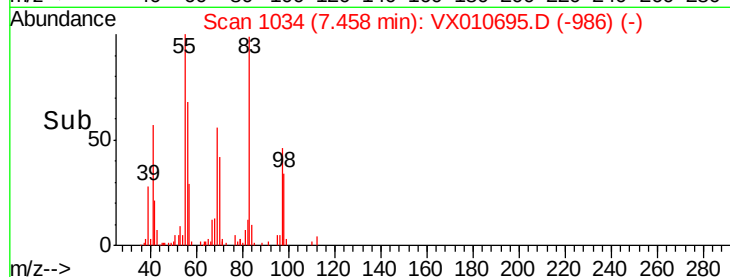
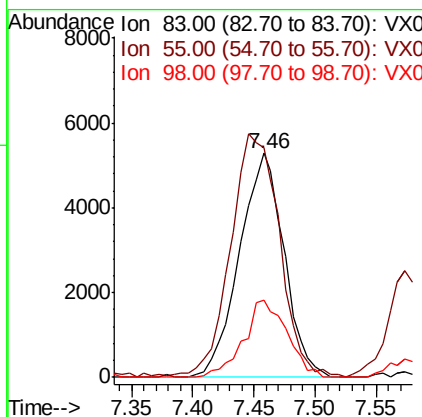
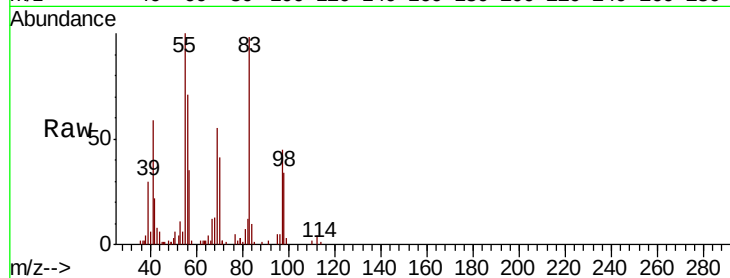
#39
Methylcyclohexane
Concen: 3.585 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	13425		
55	101.2	53.0	79.6#	
98	34.4	37.8	56.8#	

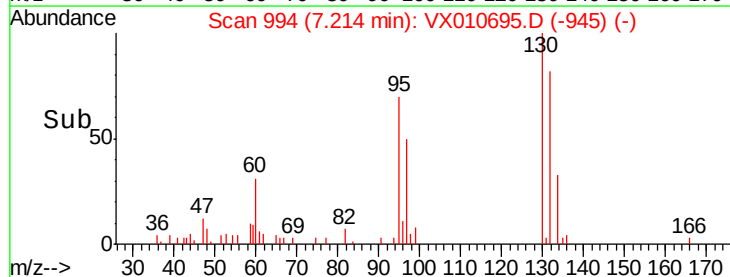
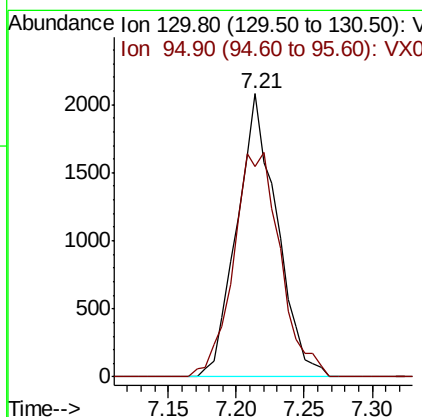
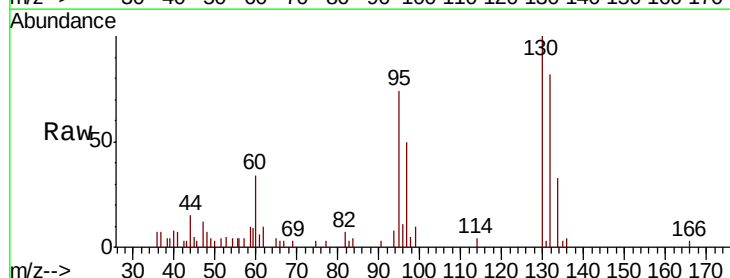
Manual Integrations
APPROVED

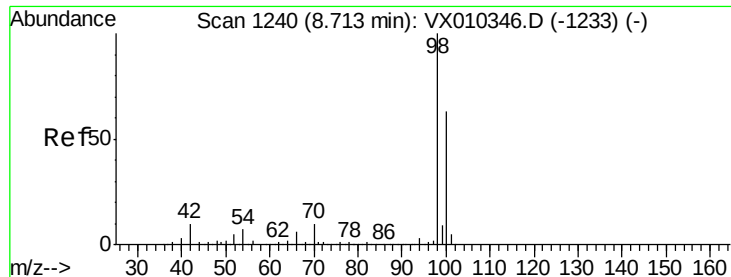
MMDadoda
7/9/2019 11:11:07 AM



#44
Trichloroethene
Concen: 1.596 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	4239		
95	74.3	0.0	180.8	





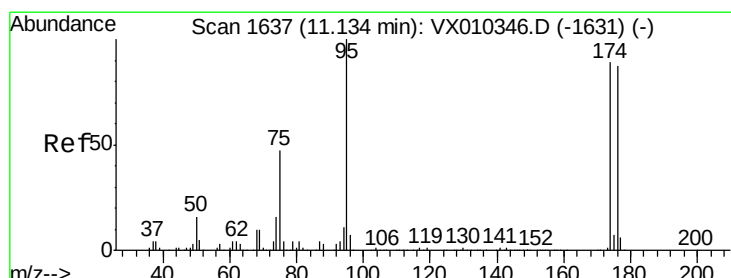
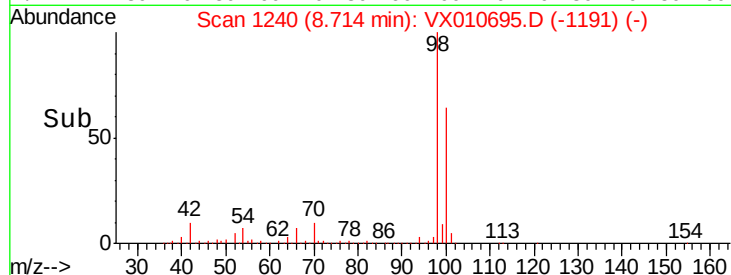
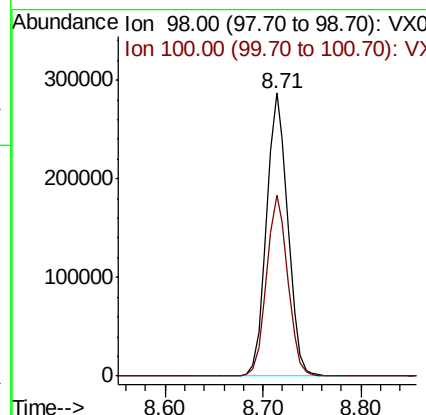
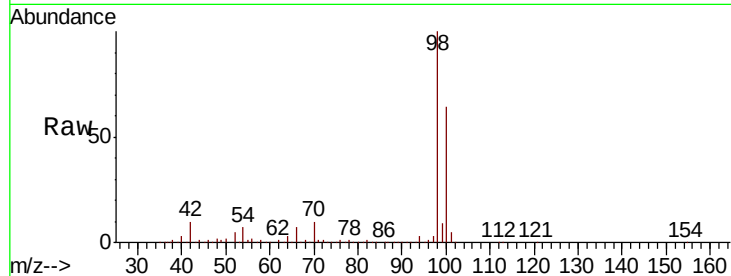
#50
Toluene-d8
Concen: 51.524 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion: 98 Resp: 432432
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

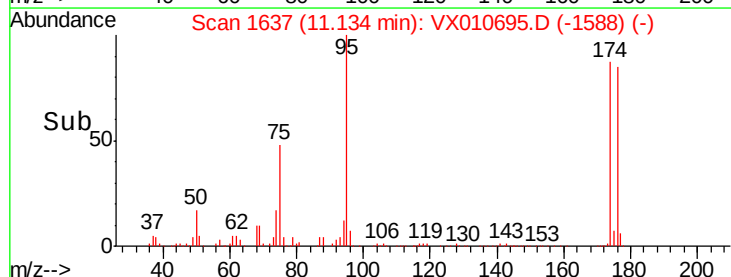
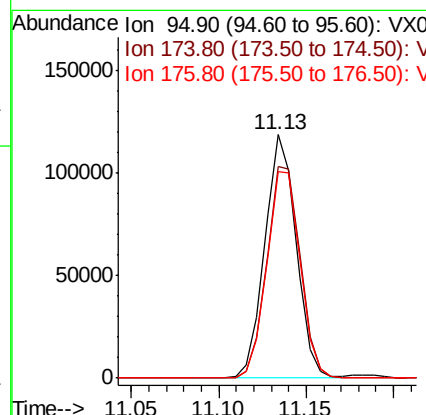
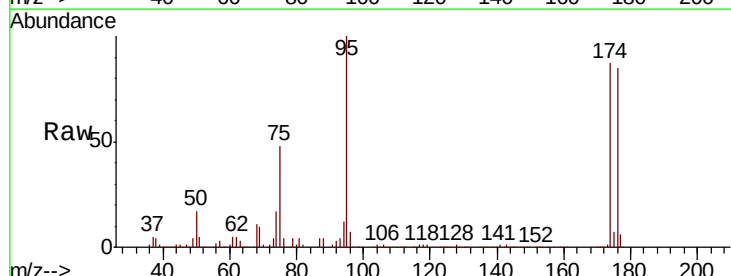
Manual Integrations
APPROVED

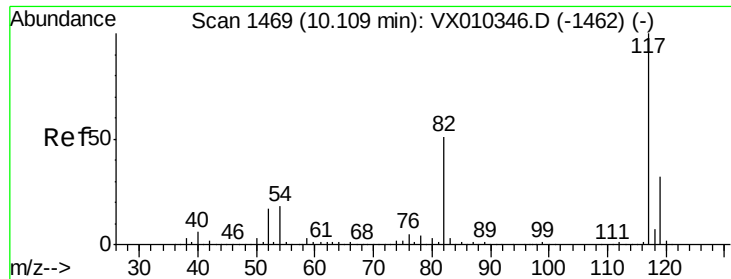
MMDadoda
7/9/2019 11:11:07 AM



#62
4-Bromofluorobenzene
Concen: 48.900 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion: 95 Resp: 148171
Ion Ratio Lower Upper
95 100
174 93.4 0.0 187.6
176 90.7 0.0 184.0





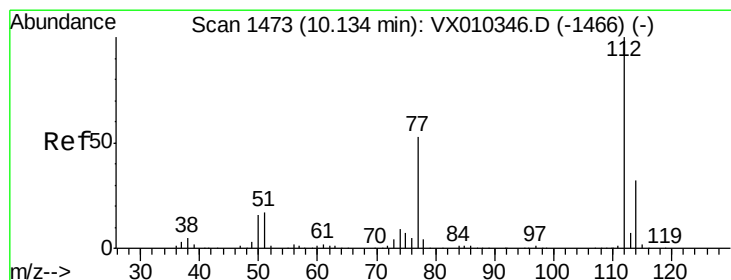
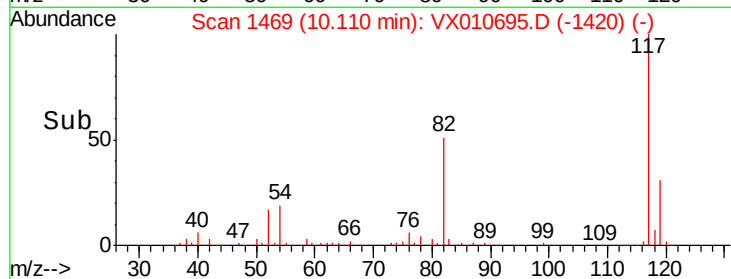
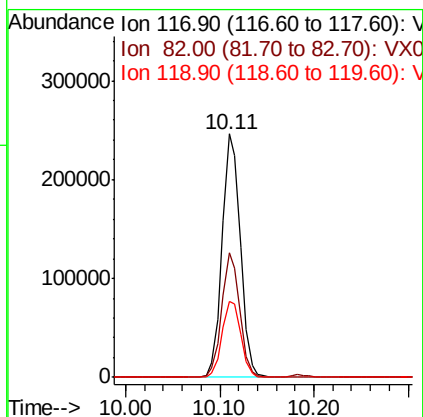
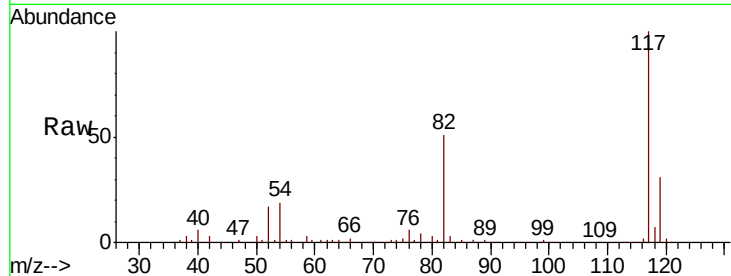
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.2	61.8
119	31.2	25.5	38.3

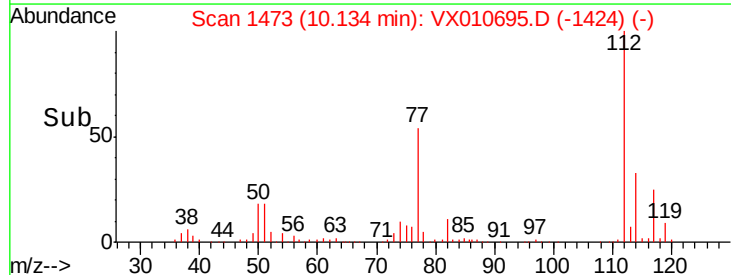
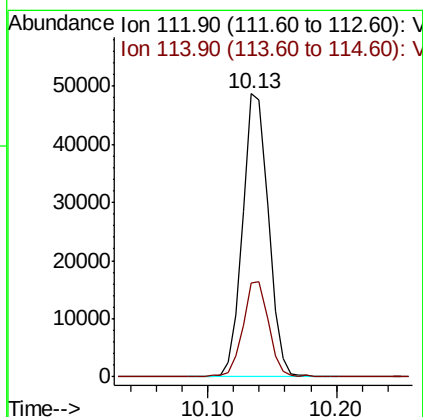
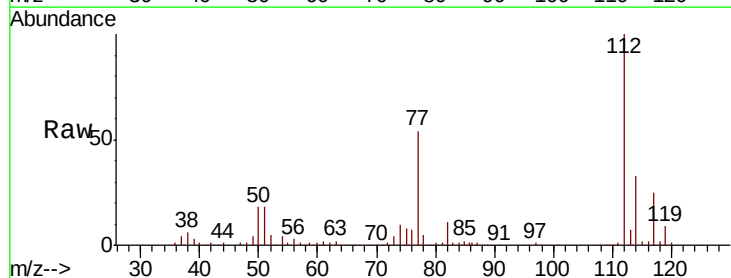
Manual Integrations
APPROVED

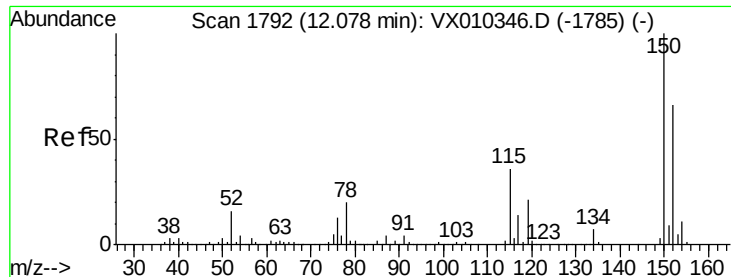
MMDadoda
7/9/2019 11:11:07 AM



#65
Chlorobenzene
Concen: 10.058 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Instrument :

MSVOA_X

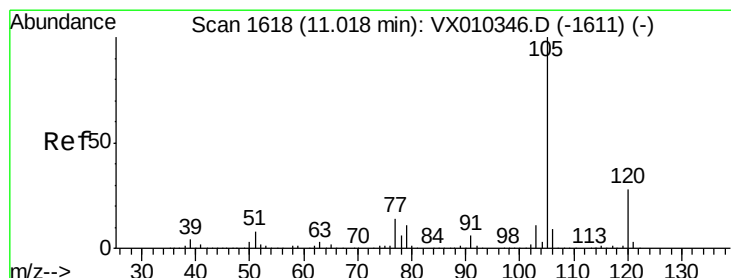
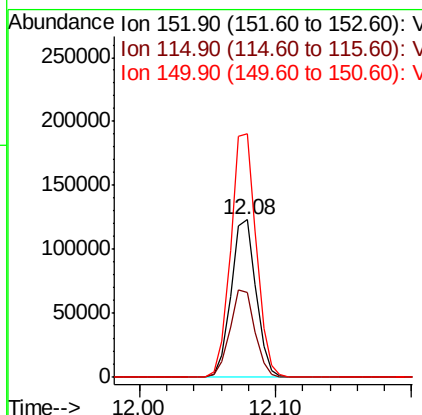
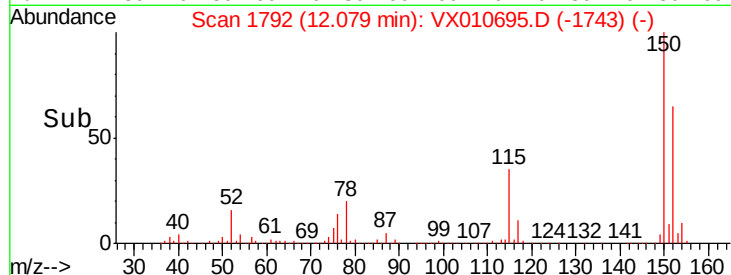
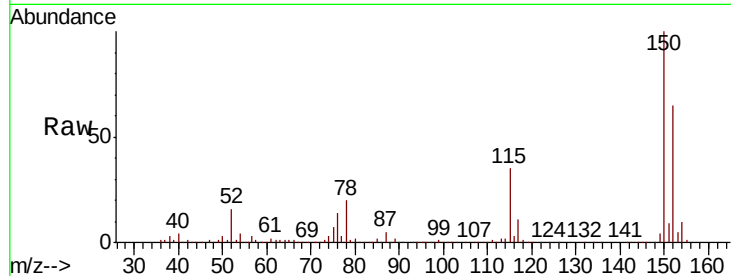
ClientSampleId :

ST008MW038-190701

Tgt Ion:	152	Resp:	157650
Ion Ratio	Lower	Upper	
152	100		
115	55.8	38.6	115.7
150	157.2	0.0	347.4

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:11:07 AM



#73

Isopropylbenzene

Concen: 0.482 ug/l

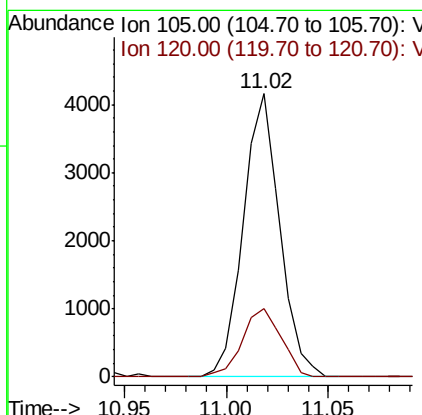
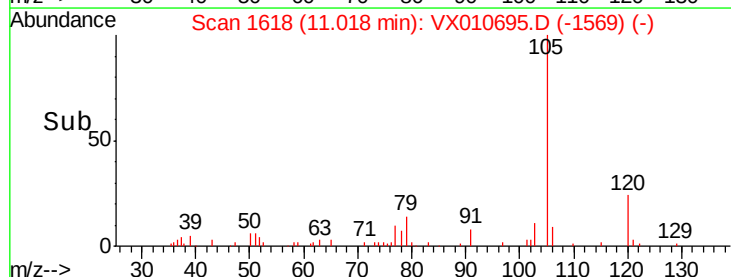
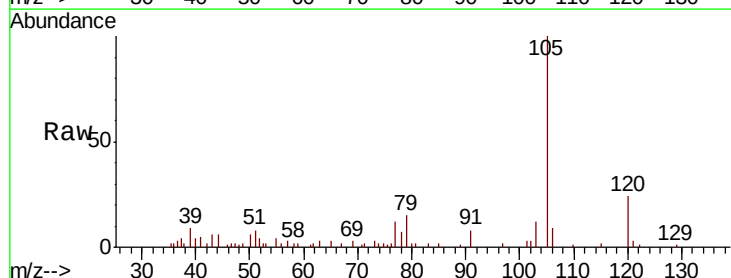
RT: 11.02 min Scan# 1618

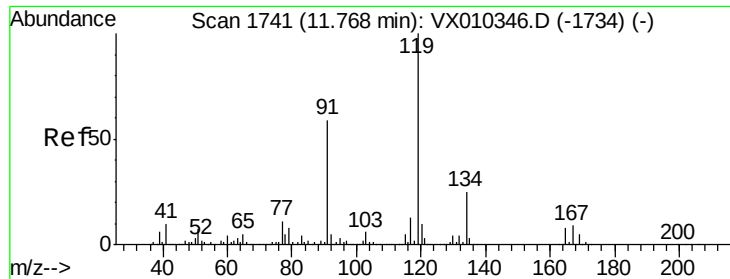
Delta R.T. 0.00 min

Lab File: VX010695.D

Acq: 08 Jul 2019 15:02

Tgt Ion:	105	Resp:	5156
Ion Ratio	Lower	Upper	
105	100		
120	25.8	14.1	42.4





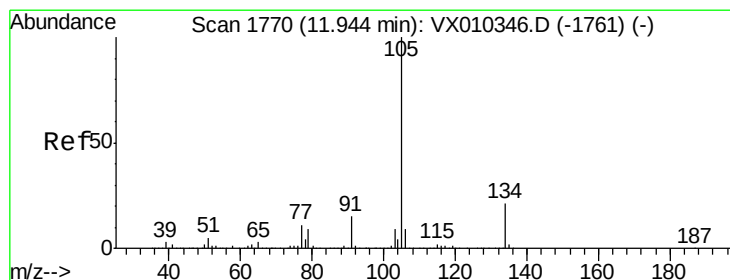
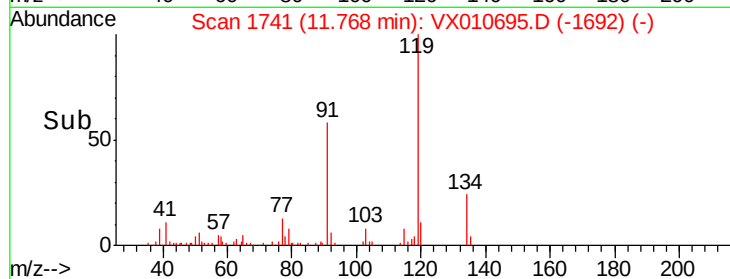
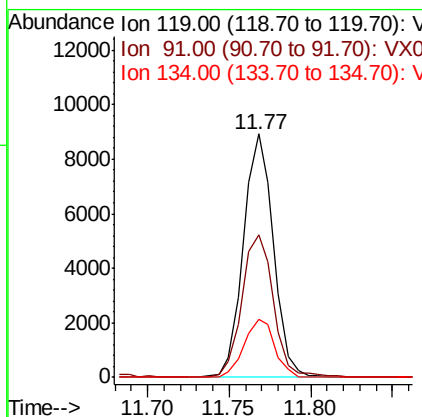
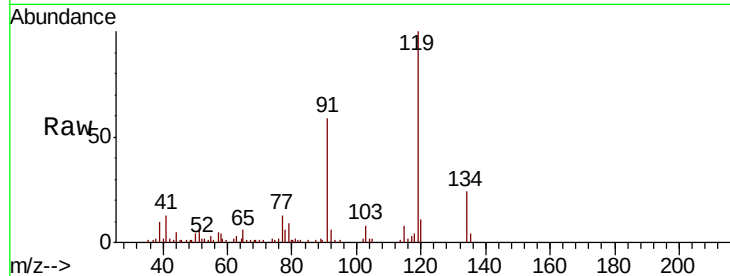
#83
tert-Butylbenzene
Concen: 1.292 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW038-190701

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	11428		
91	61.9	27.6	82.7	
134	24.3	11.8	35.4	

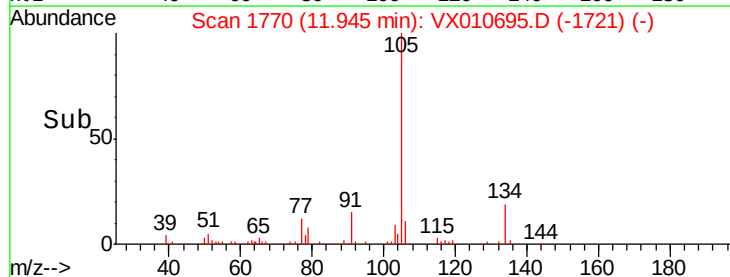
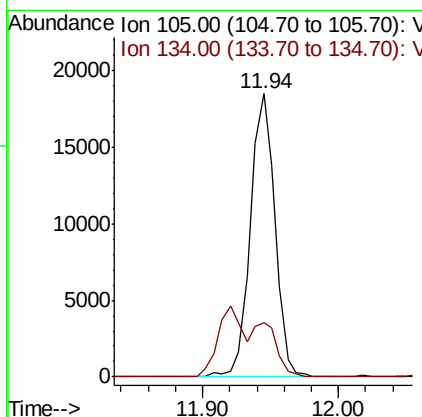
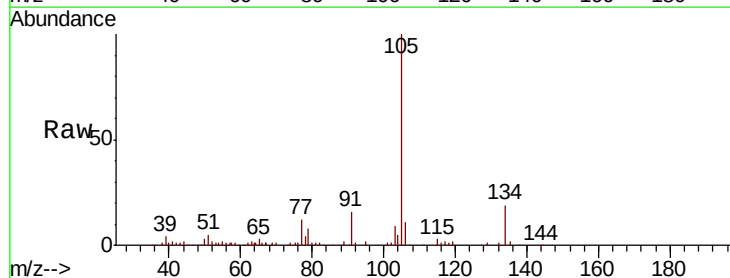
Manual Integrations
APPROVED

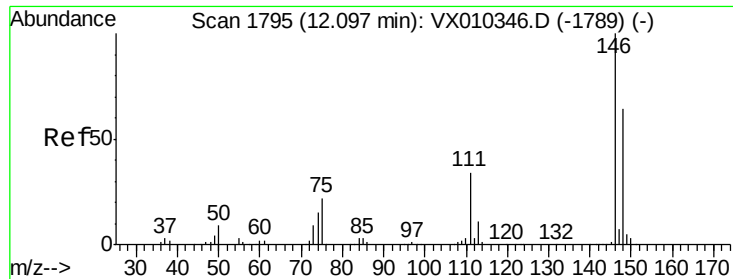
MMDadoda
7/9/2019 11:11:07 AM



#85
sec-Butylbenzene
Concen: 2.262 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010695.D
Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	23487		
134	0.0	10.7	31.9	#





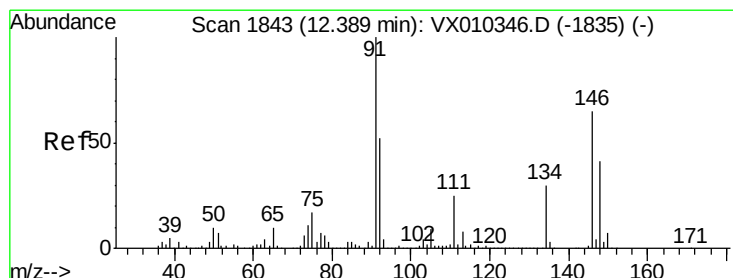
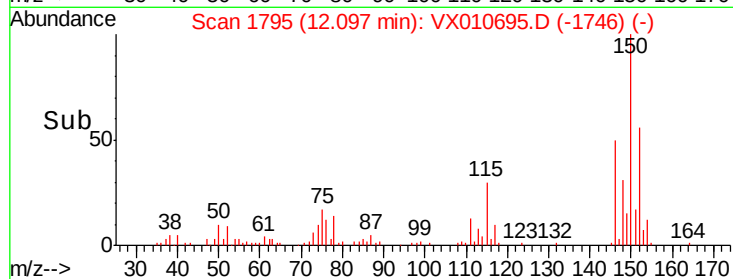
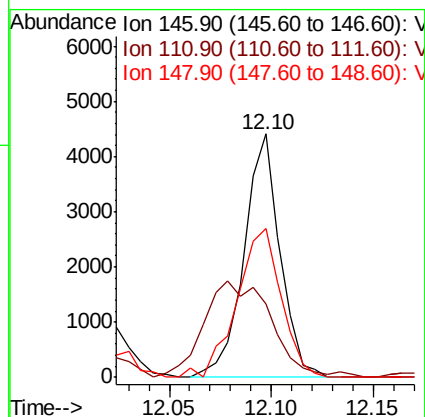
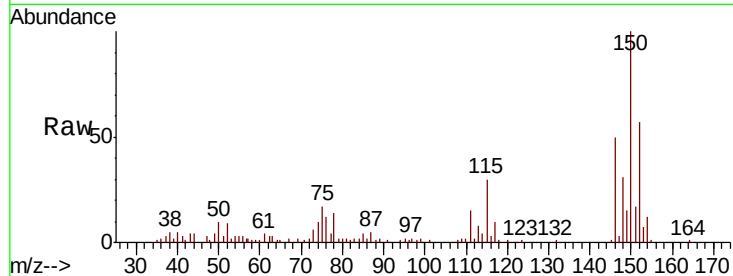
#88
 1,4-Dichlorobenzene
 Concen: 1.018 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW038-190701

Tgt Ion	Ratio	Lower	Upper
146	100		
111	74.4	18.1	54.3
148	75.3	32.1	96.3

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:11:07 AM



#91
 1,2-Dichlorobenzene
 Concen: 0.277 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010695.D
 Acq: 08 Jul 2019 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.2	19.2	57.6
148	76.7	32.0	96.0

