

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033393.D
 Acq On : 20 Mar 2019 17:11
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:25 AM

Quant Time: Mar 24 16:09:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	843524	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1926546	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1903623	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1416174	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.67	45	18318m	0.889	ppbv	
40) 1,4-Dioxane	8.00	88	12575m	0.553	ppbv	
66) Benzyl Chloride	17.15	91	36749m	0.315	ppbv	
80) Naphthalene,2-methyl-	25.12	142	36322	0.300	ppbv	97

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

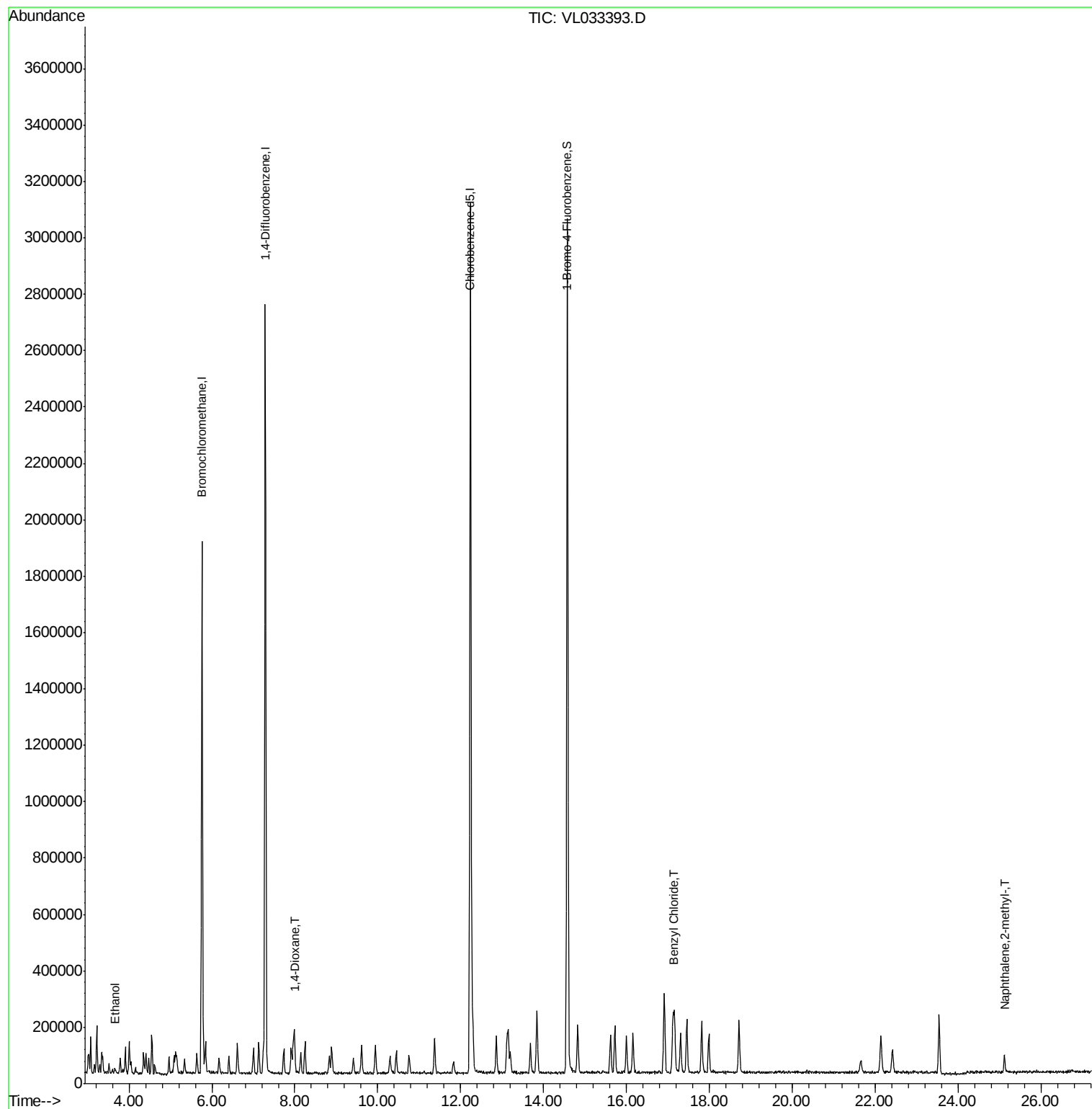
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
Data File : VL033393.D
Acq On : 20 Mar 2019 17:11
Operator : SY/AP
Sample : 0.4 MDL
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

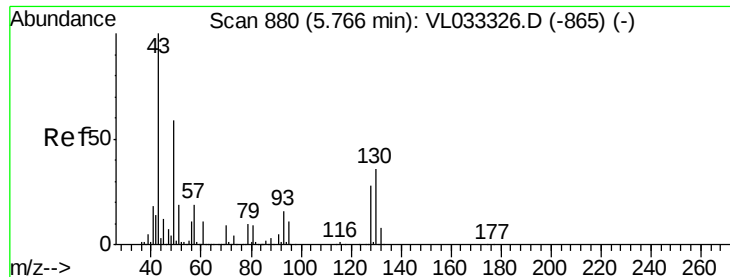
Instrument :
MSVOA_L
ClientSampled :
0.4 MDL

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:26:25 AM

Quant Time: Mar 24 16:09:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033393.D

Acq: 20 Mar 2019 17:11

Instrument :

MSVOA_L

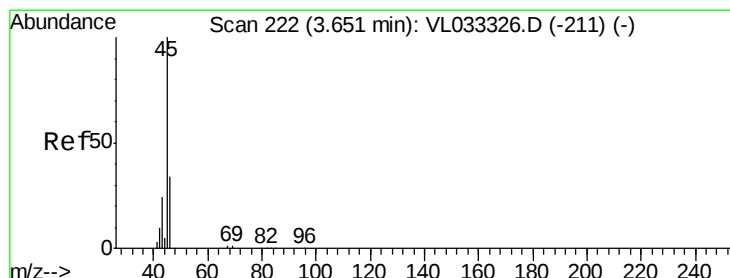
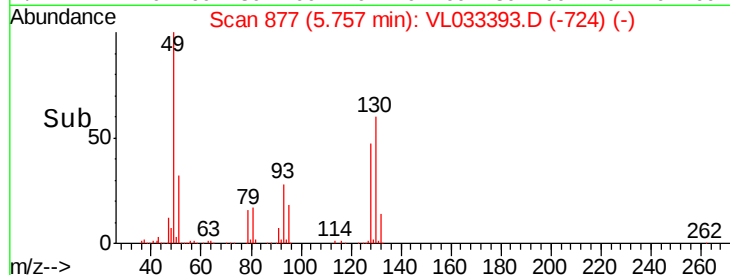
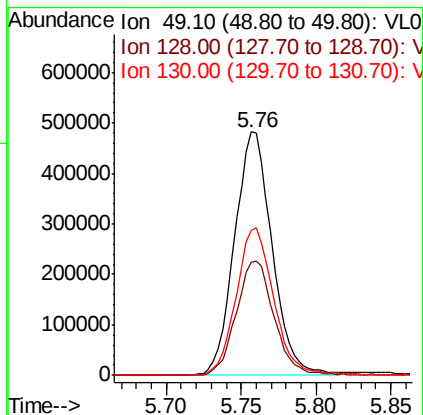
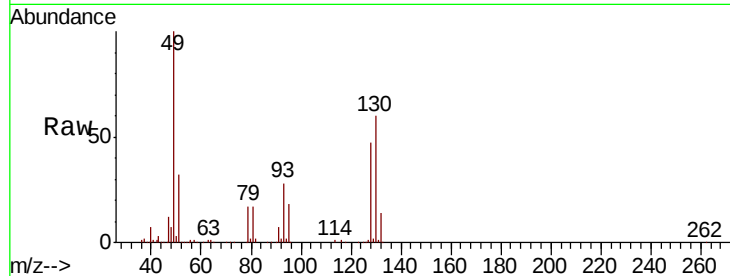
ClientSampled :

0.4 MDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.9	23.5	70.6
130	61.2	30.1	90.3

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:26:25 AM



#13

Ethanol

Concen: 0.889 ppbv m

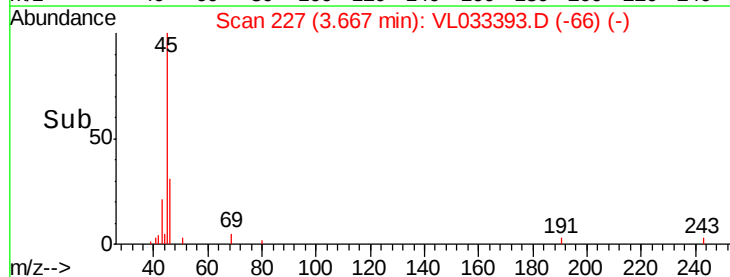
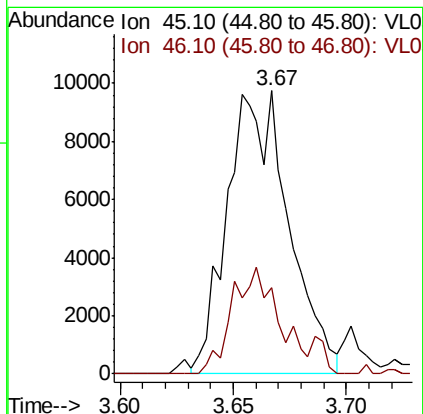
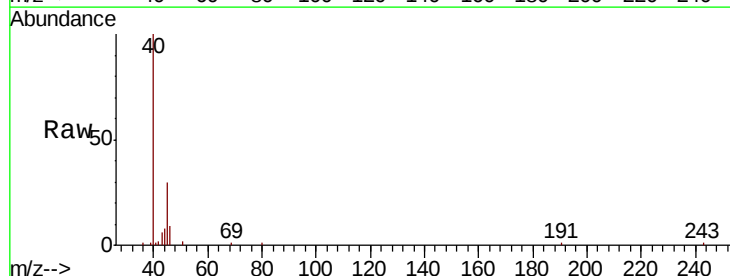
RT: 3.67 min Scan# 227

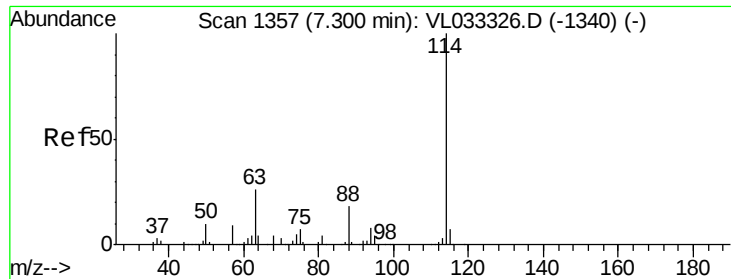
Delta R.T. 0.02 min

Lab File: VL033393.D

Acq: 20 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#





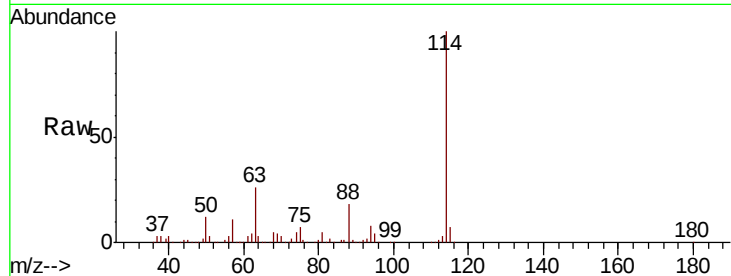
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033393.D
 Acq: 20 Mar 2019 17:11

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

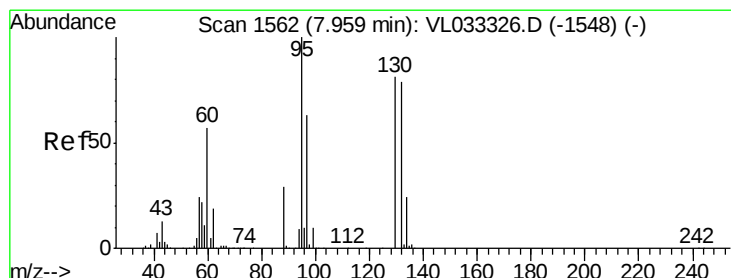
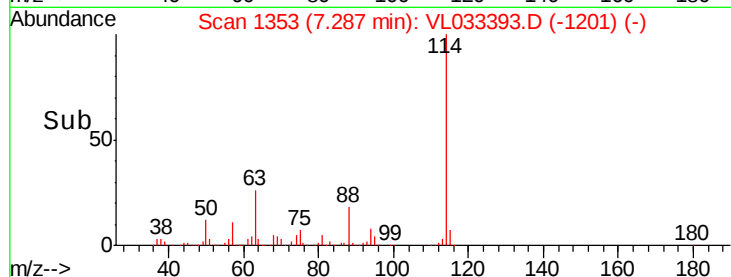
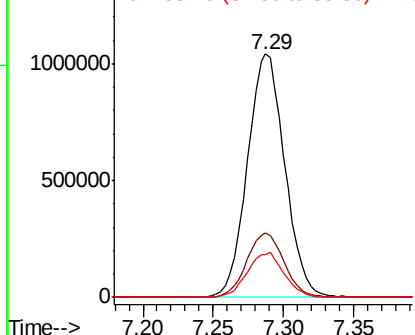
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.4	32.2
88	18.2	14.5	21.7

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:25 AM



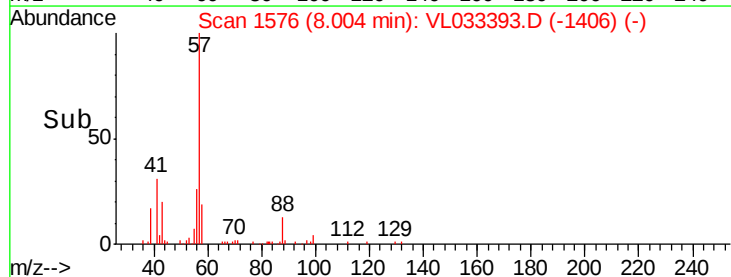
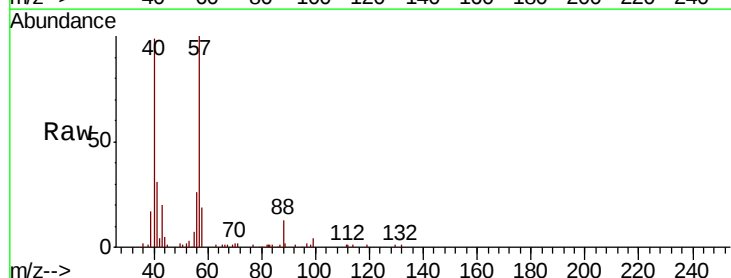
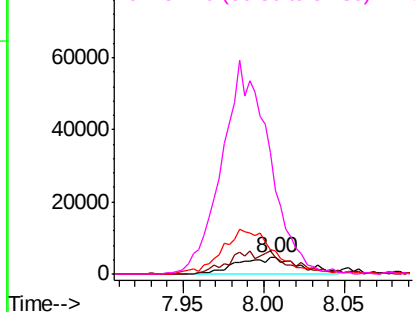
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

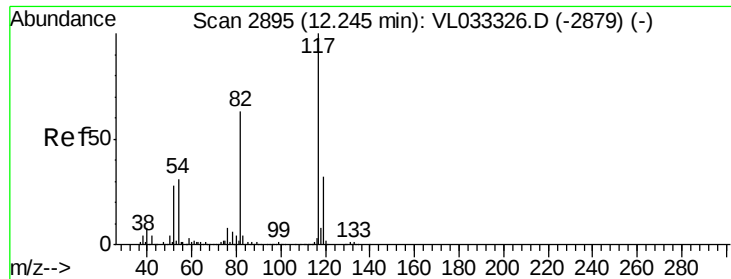


#40
 1,4-Dioxane
 Concen: 0.553 ppbv m
 RT: 8.00 min Scan# 1576
 Delta R.T. 0.05 min
 Lab File: VL033393.D
 Acq: 20 Mar 2019 17:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.9	161.9#
43	229.7	230.8	346.2#
57	984.3	1035.3	1552.9#

Abundance Ion 88.10 (87.80 to 88.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0





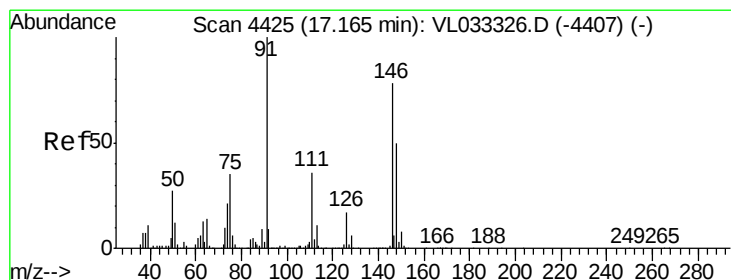
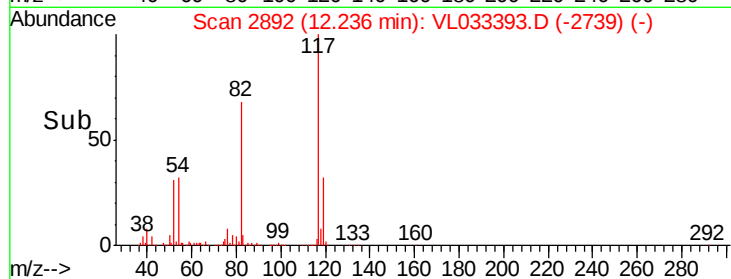
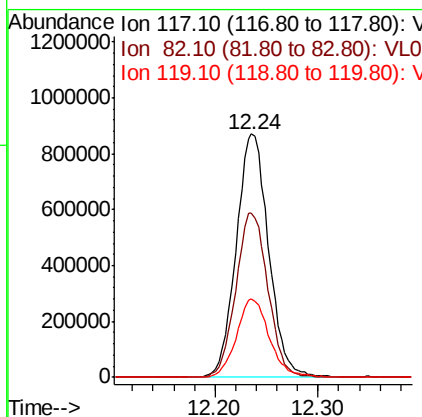
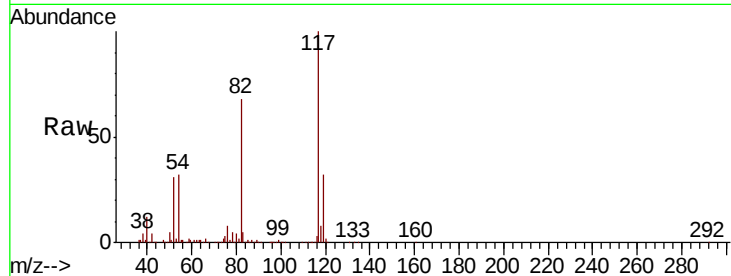
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033393.D
Acq: 20 Mar 2019 17:11

Instrument :
MSVOA_L
ClientSampled :
0.4 MDL

Tot Ion:117 Resp: 1903623
Ion Ratio Lower Upper
117 100
82 67.1 53.4 80.2
119 33.0 27.3 40.9

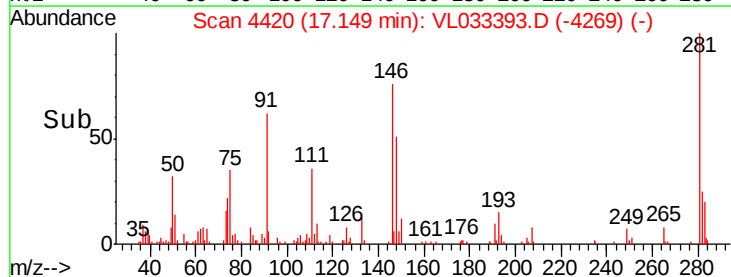
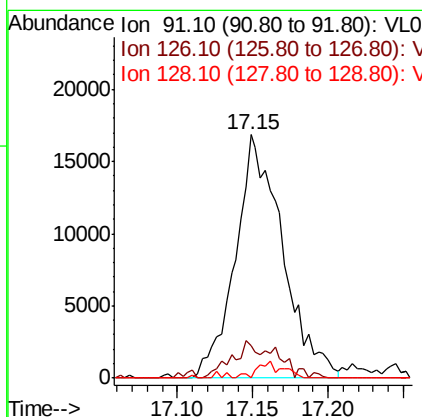
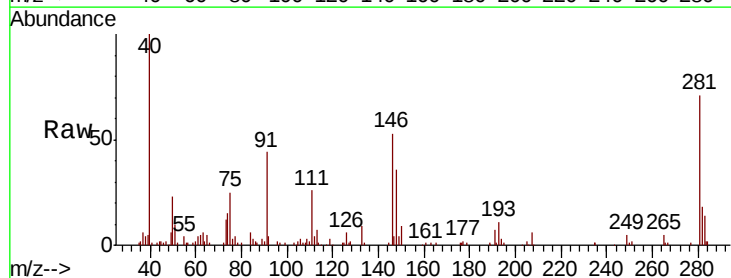
Manual Integrations
APPROVED

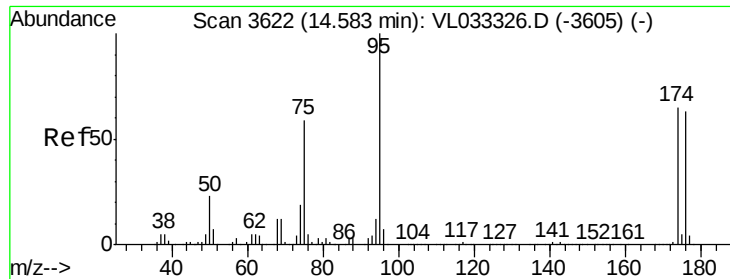
MMDadoda
3/25/2019 8:26:25 AM



#66
Benzyl Chloride
Concen: 0.315 ppbv m
RT: 17.15 min Scan# 4420
Delta R.T. -0.02 min
Lab File: VL033393.D
Acq: 20 Mar 2019 17:11

Tgt Ion: 91 Resp: 36749
Ion Ratio Lower Upper
91 100
126 15.4 13.2 19.8
128 4.1 4.2 6.4#





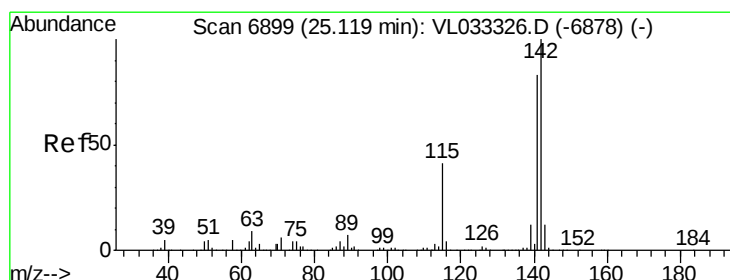
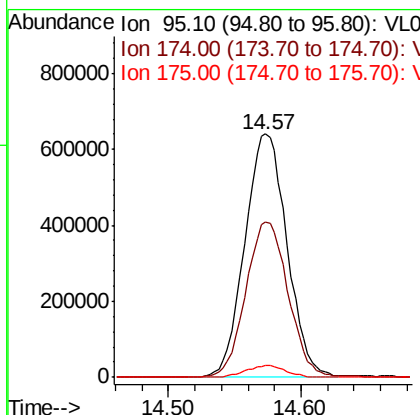
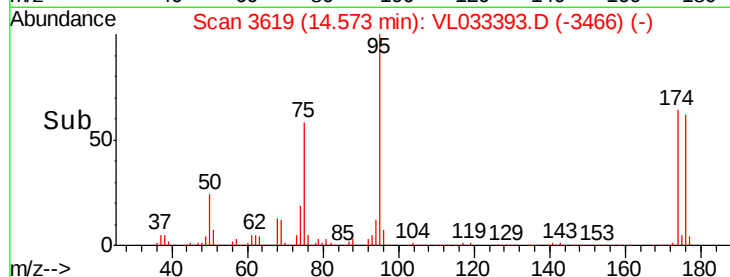
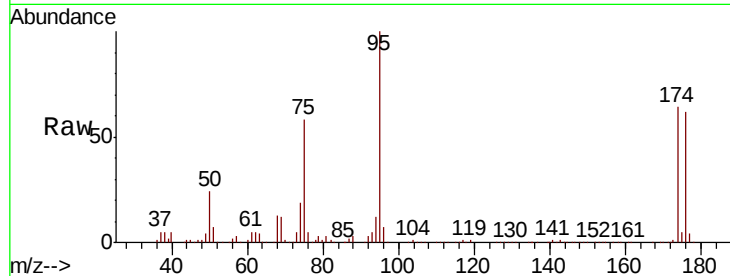
#68
1-Bromo-4-Fluorobenzene
Concen: 10.040 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033393.D
Acq: 20 Mar 2019 17:11

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tot Ion: 95 Resp: 1416174
Ion Ratio Lower Upper
95 100
174 64.7 51.5 77.3
175 4.6 3.8 5.6

Manual Integrations
APPROVED

MMDadoda
3/25/2019 8:26:25 AM



#80
Naphthalene, 2-methyl-
Concen: 0.300 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033393.D
Acq: 20 Mar 2019 17:11

Tgt Ion: 142 Resp: 36322
Ion Ratio Lower Upper
142 100
141 87.3 67.1 100.7
115 41.6 33.8 50.6

