

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033394.D
 Acq On : 20 Mar 2019 17:49
 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 8:26:26 AM

Quant Time: Mar 24 16:10:12 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	796363	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1841439	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1886871	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1437859	10.28	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	14265	0.733	ppbv	96
40) 1,4-Dioxane	7.99	88	11197m	0.515	ppbv	
66) Benzyl Chloride	17.15	91	35068m	0.303	ppbv	
80) Naphthalene,2-methyl-	25.12	142	30868	0.258	ppbv	92

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

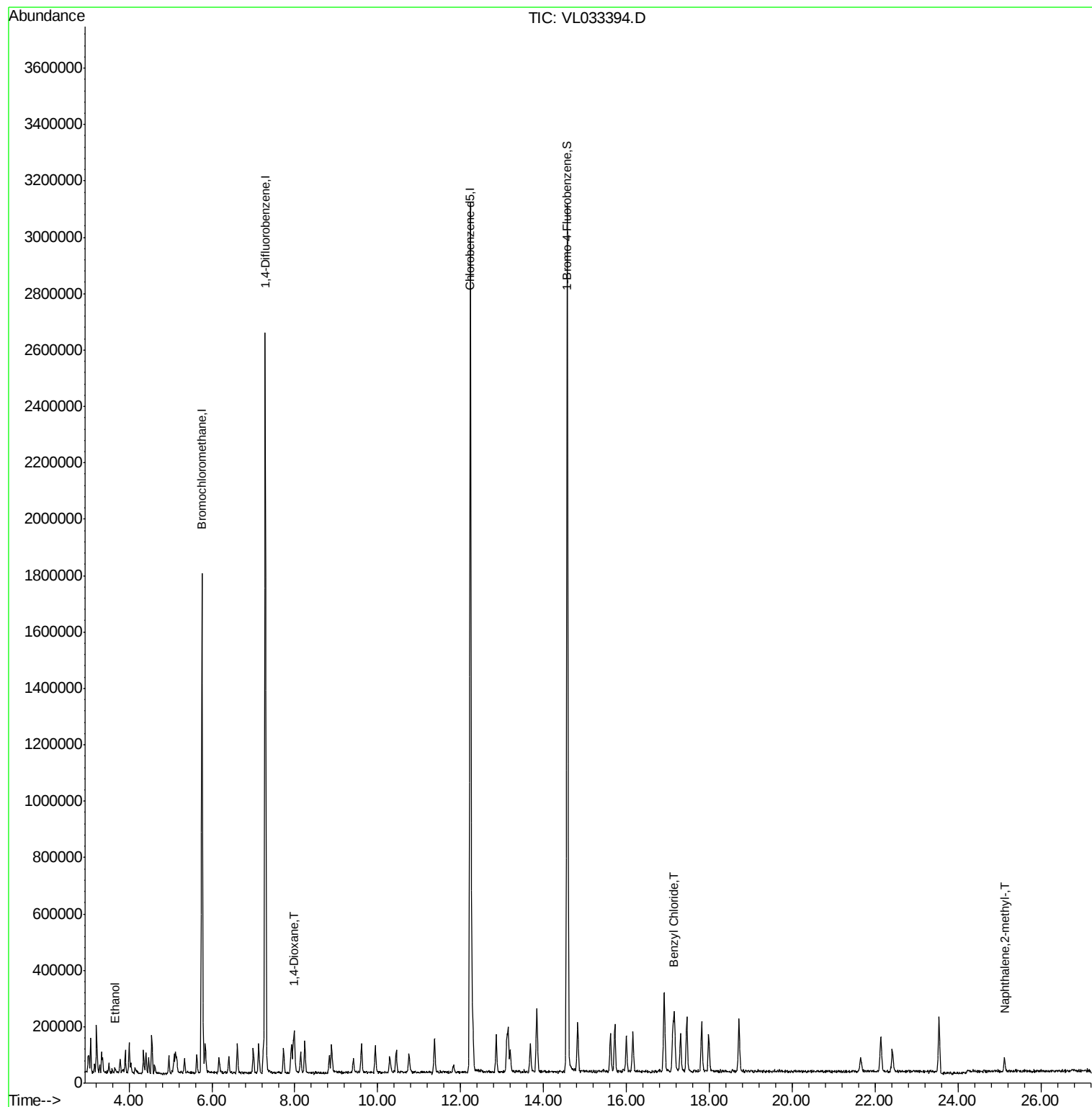
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032019\
Data File : VL033394.D
Acq On : 20 Mar 2019 17:49
Operator : SY/AP
Sample : 0.4 MDL
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

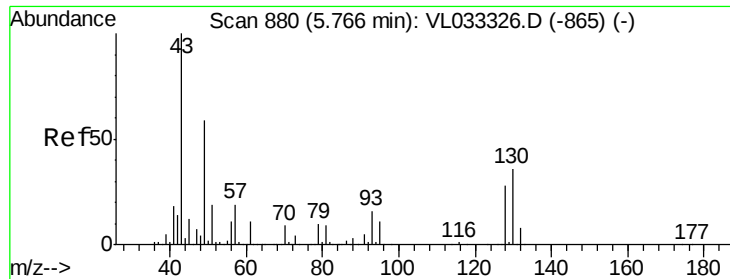
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Manual Integrations
APPROVED

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

Quant Time: Mar 24 16:10:12 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: VL033394.D

Acq: 20 Mar 2019 17:49

Instrument :

MSVOA_L

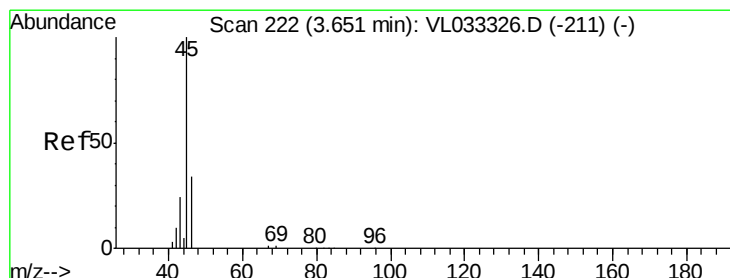
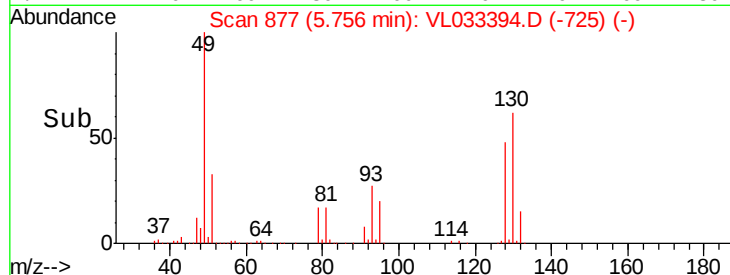
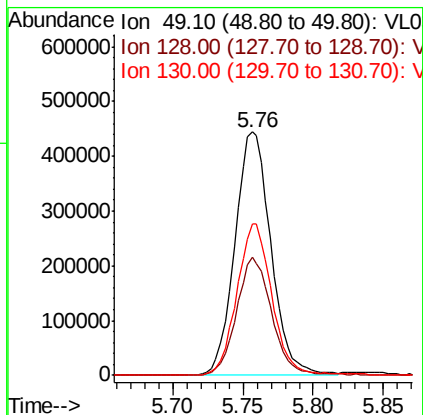
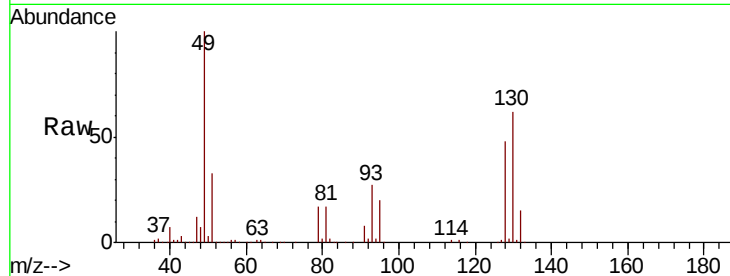
ClientSampleID :

0.4 MDL

Tot Ion:	49	Resp:	796363
Ion	Ratio	Lower	Upper
49	100		
128	47.7	23.5	70.6
130	60.9	30.1	90.3

Manual Integrations
APPROVED

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



#13

Ethanol

Concen: 0.733 ppbv

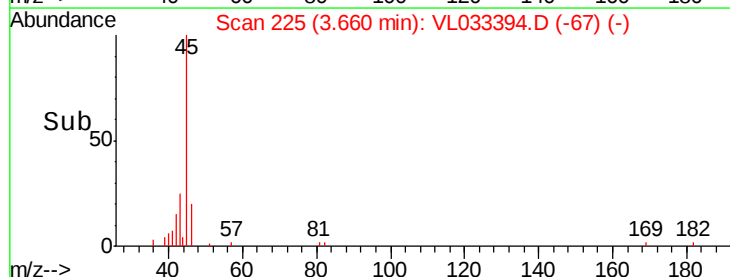
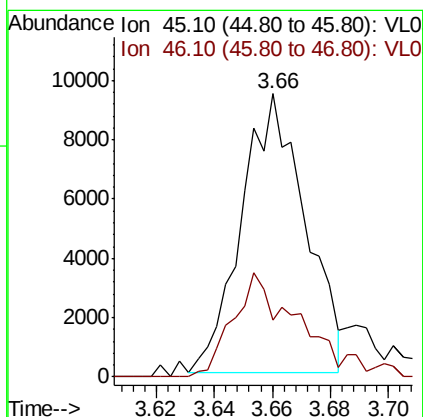
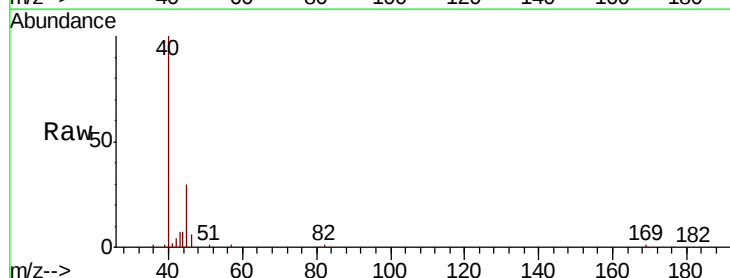
RT: 3.66 min Scan# 225

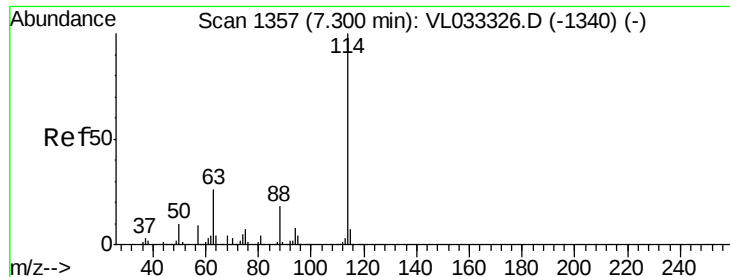
Delta R.T. 0.01 min

Lab File: VL033394.D

Acq: 20 Mar 2019 17:49

Tgt Ion:	45	Resp:	14265
Ion	Ratio	Lower	Upper
45	100		
46	39.8	14.9	59.7





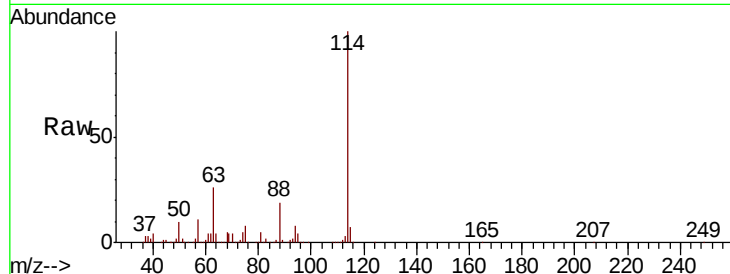
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033394.D
 Acq: 20 Mar 2019 17:49

Instrument :
 MSVOA_L
 ClientSampled :
 0.4 MDL

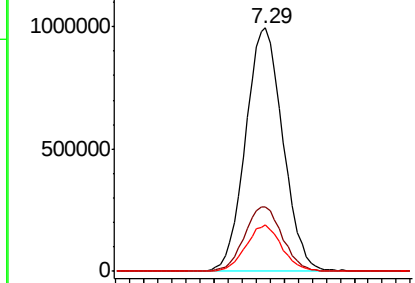
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.4	32.2
88	18.4	14.5	21.7

Manual Integrations
 APPROVED

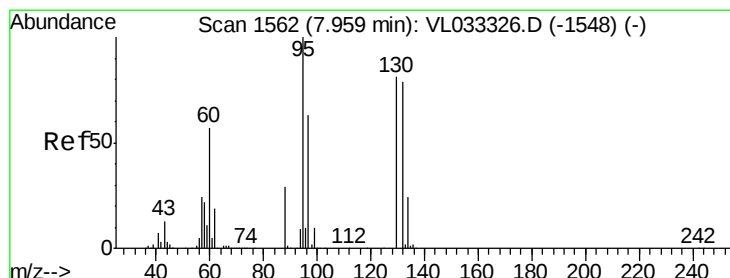
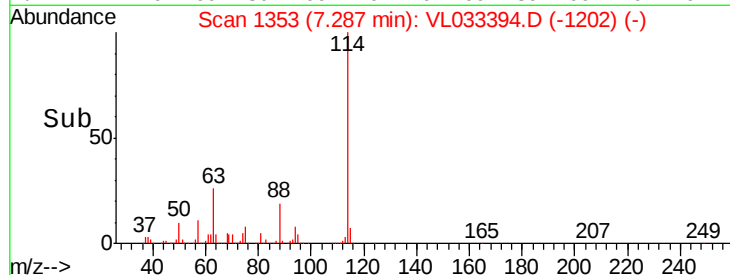
MMDadoda
 3/25/2019 8:26:26 AM



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



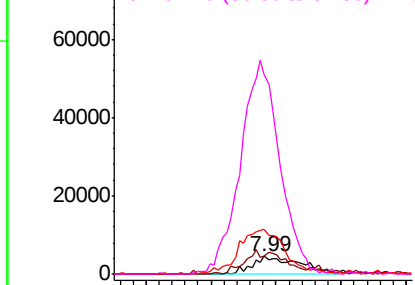
Time-->



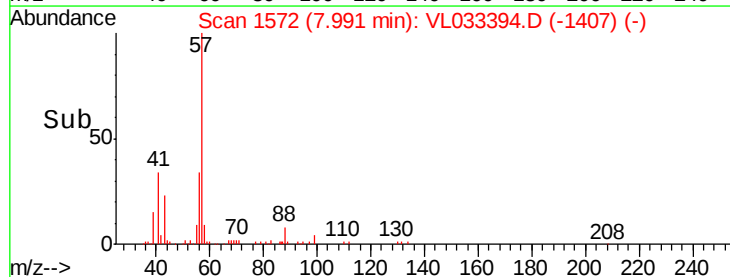
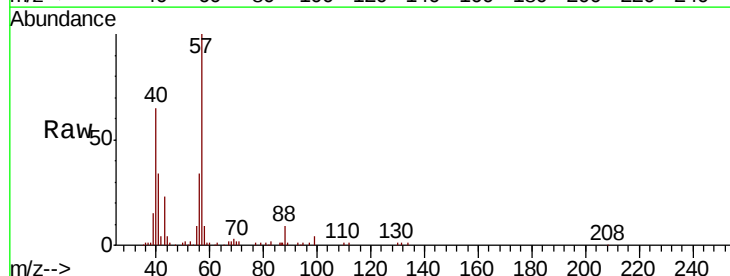
#40
 1,4-Dioxane
 Concen: 0.515 ppbv m
 RT: 7.99 min Scan# 1572
 Delta R.T. 0.03 min
 Lab File: VL033394.D
 Acq: 20 Mar 2019 17:49

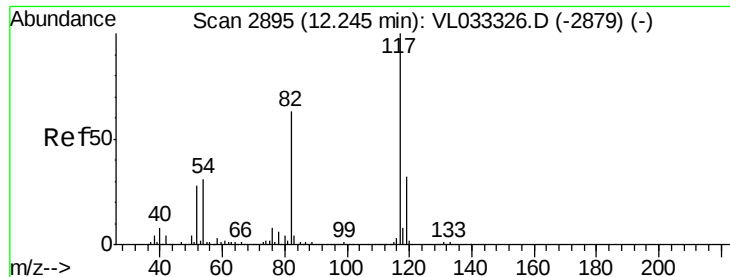
Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.9	161.9#
43	0.0	230.8	346.2#
57	0.0	1035.3	1552.9#

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



Time-->





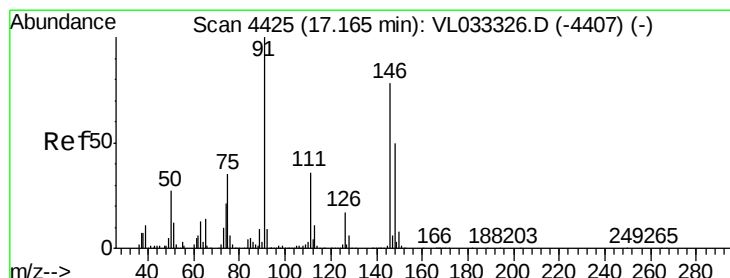
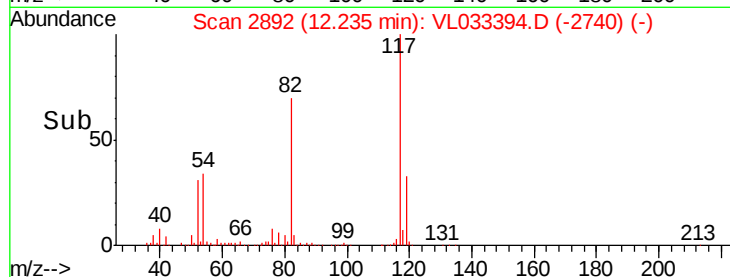
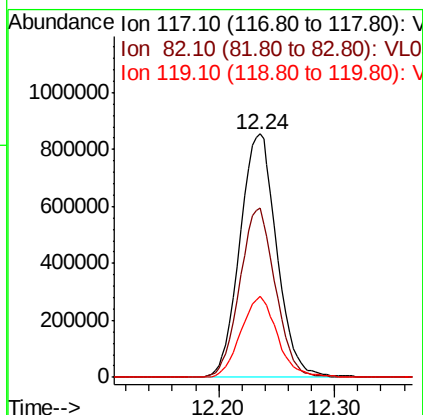
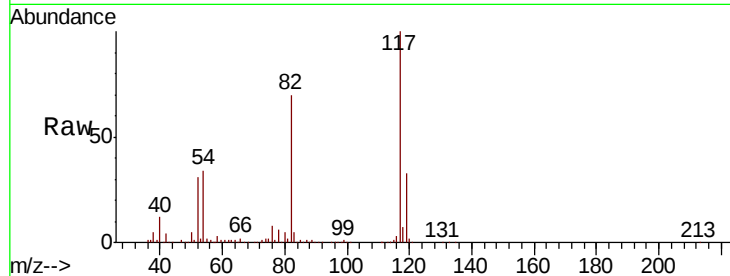
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033394.D
Acq: 20 Mar 2019 17:49

Instrument :
MSVOA_L
ClientSampled :
0.4 MDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.4	80.2
119	33.2	27.3	40.9

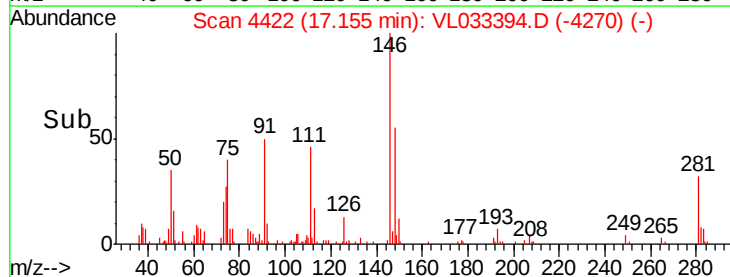
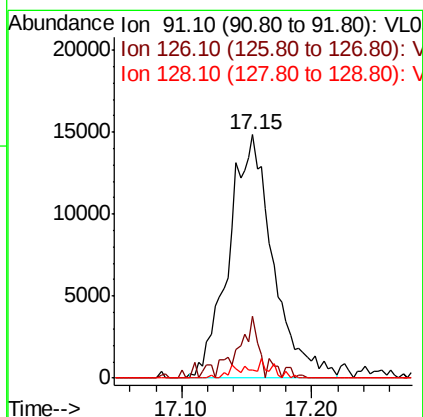
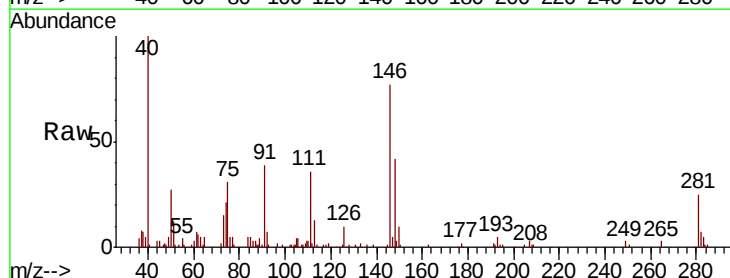
Manual Integrations
APPROVED

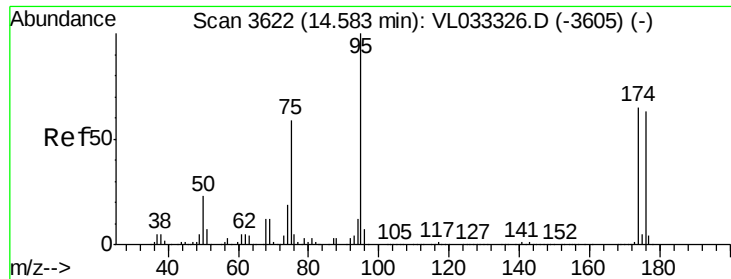
MMDadoda
3/25/2019 8:26:26 AM



#66
Benzyl Chloride
Concen: 0.303 ppbv m
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033394.D
Acq: 20 Mar 2019 17:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	15.3	13.2	19.8
128	4.7	4.2	6.4





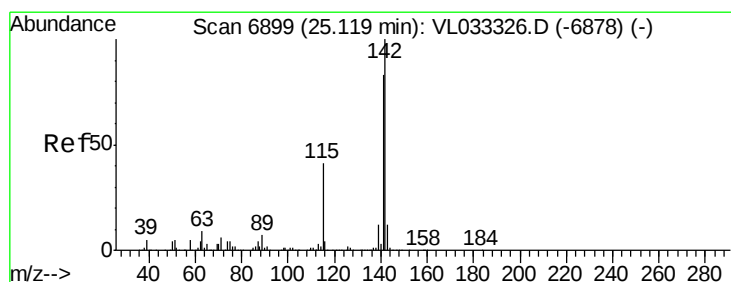
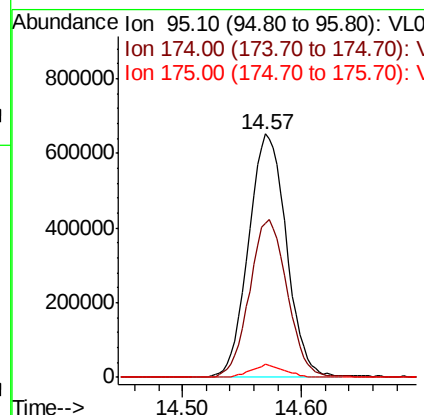
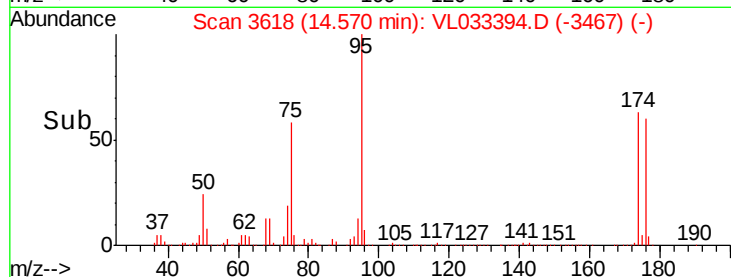
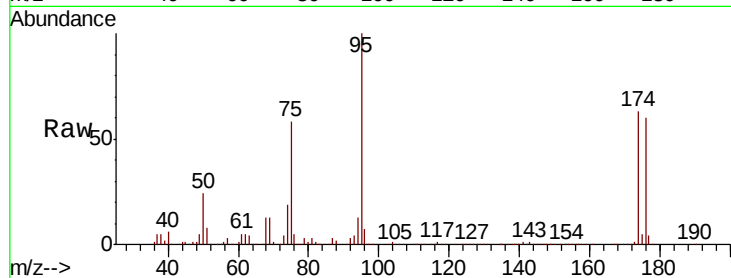
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.284 ppbv
 RT: 14.57 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: VL033394.D
 Acq: 20 Mar 2019 17:49

Instrument :
 MSVOA_L
 ClientSampled :
 0.4 MDL

Tot Ion: 95 Resp: 1437859
 Ion Ratio Lower Upper
 95 100
 174 65.0 51.5 77.3
 175 4.7 3.8 5.6

Manual Integrations
 APPROVED

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



#80
 Naphthalene, 2-methyl-
 Concen: 0.258 ppbv
 RT: 25.12 min Scan# 6899
 Delta R.T. -0.00 min
 Lab File: VL033394.D
 Acq: 20 Mar 2019 17:49

Tgt Ion: 142 Resp: 30868
 Ion Ratio Lower Upper
 142 100
 141 73.7 67.1 100.7
 115 41.3 33.8 50.6

