

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033354.D
 Acq On : 16 Mar 2019 6:25
 Operator : SY/AP
 Sample : K1827-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-5DL

Manual Integrations
 APPROVED

MMDadoda
 3/19/2019 10:01:52 AM

Quant Time: Mar 18 07:56:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 18 07:56:11 2019
 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	749005	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1627223	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1878676	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1440911	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	199637	10.912	ppbv	99
15) Acetone	3.91	43	69583	0.598	ppbv	98
19) Isopropyl Alcohol	4.03	45	69231m	1.250	ppbv	
53) Toluene	9.95	91	164352	0.993	ppbv	99

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

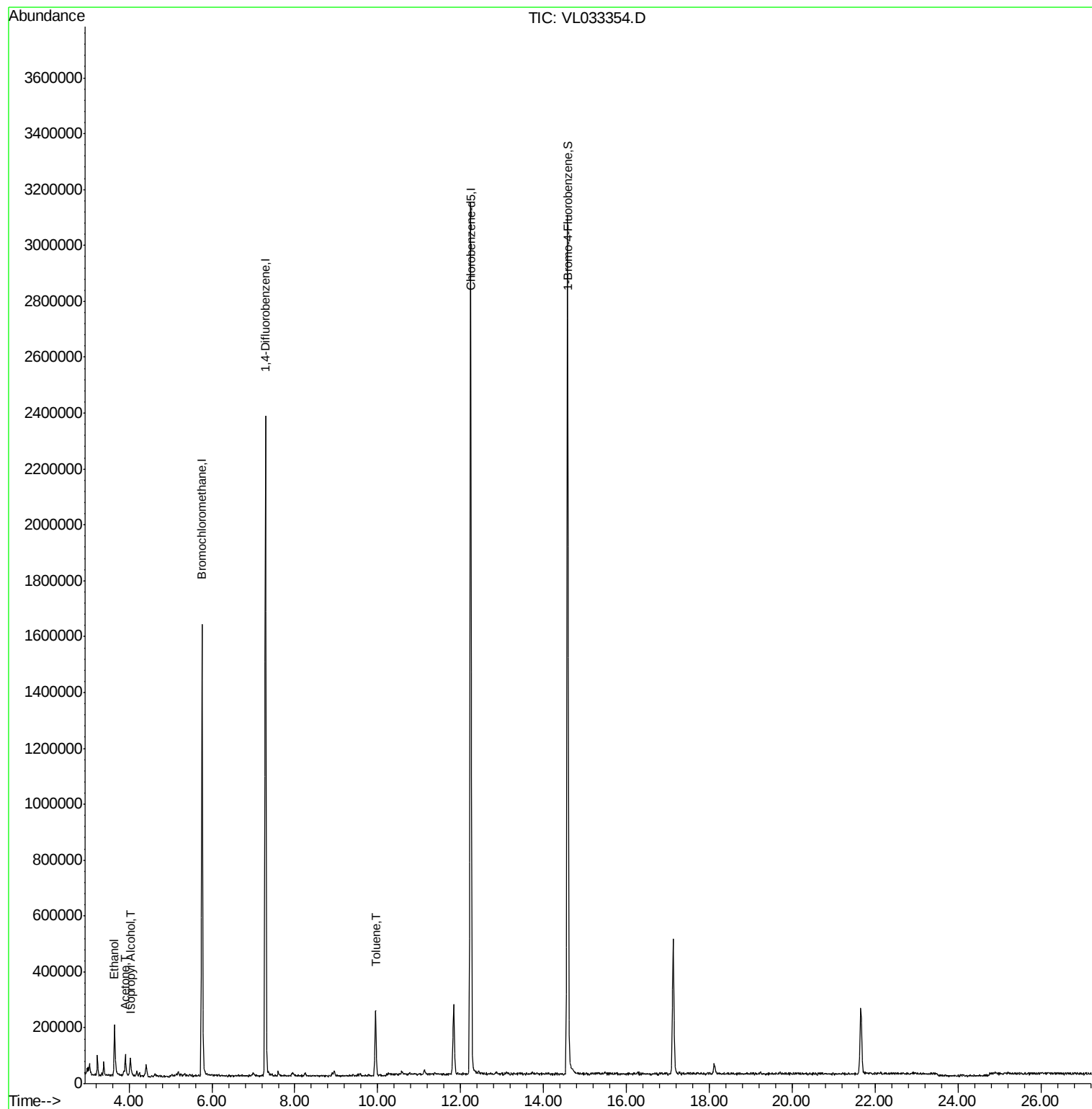
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
Data File : VL033354.D
Acq On : 16 Mar 2019 6:25
Operator : SY/AP
Sample : K1827-05DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

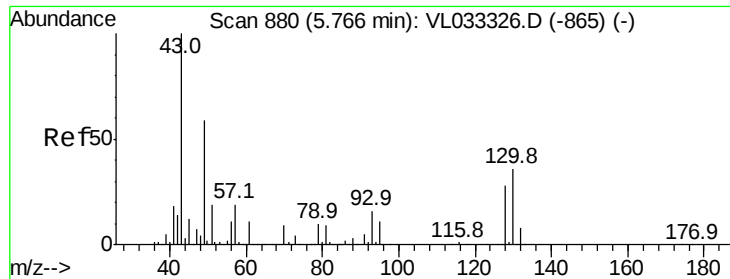
Instrument :
MSVOA_L
ClientSampleId :
A-5DL

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:01:52 AM

Quant Time: Mar 18 07:56:11 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





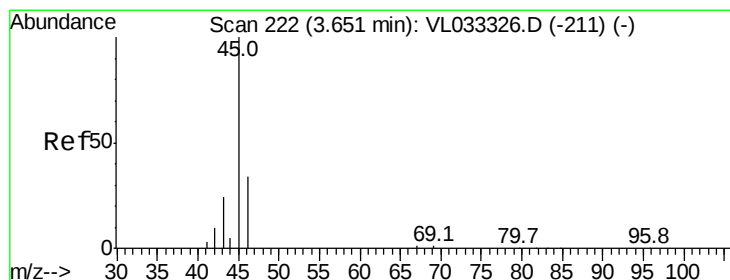
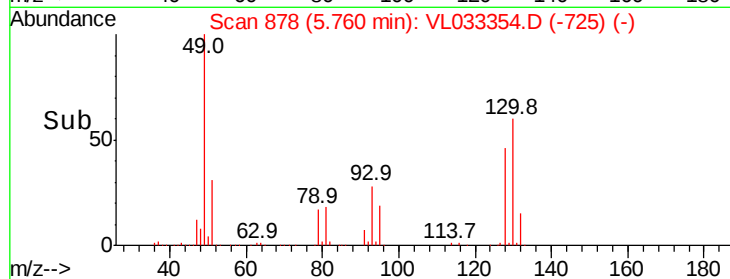
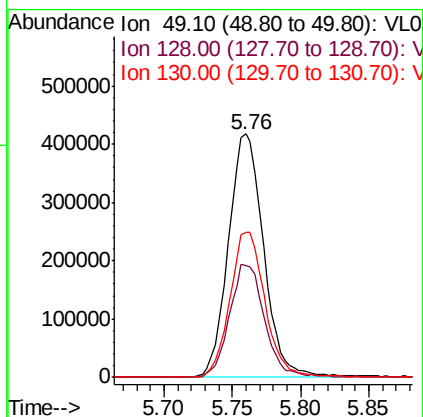
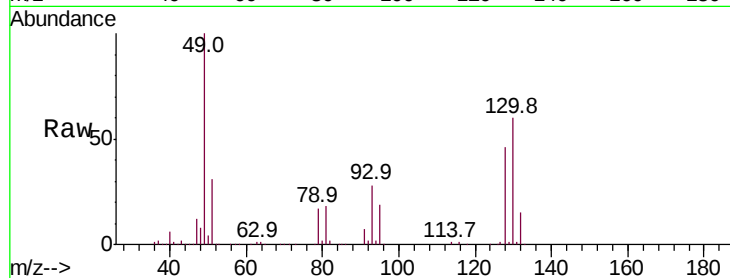
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033354.D
Acq: 16 Mar 2019 6:25

Instrument :
MSVOA_L
ClientSampled :
A-5DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	46.3	23.5	70.6
130	59.7	30.1	90.3

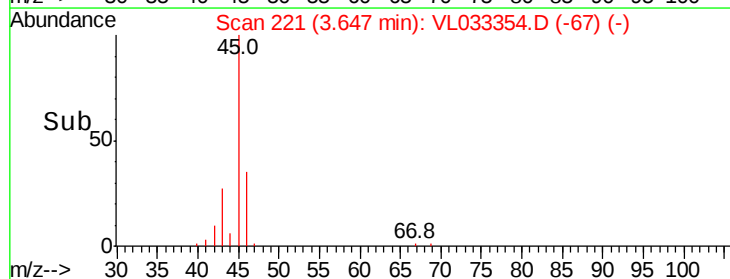
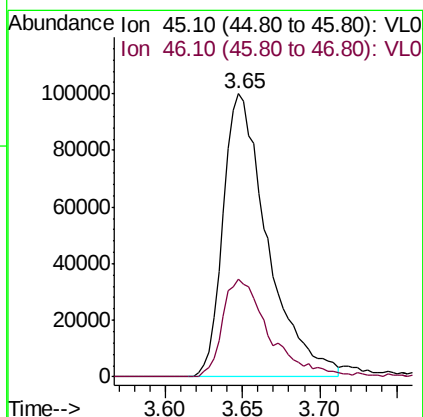
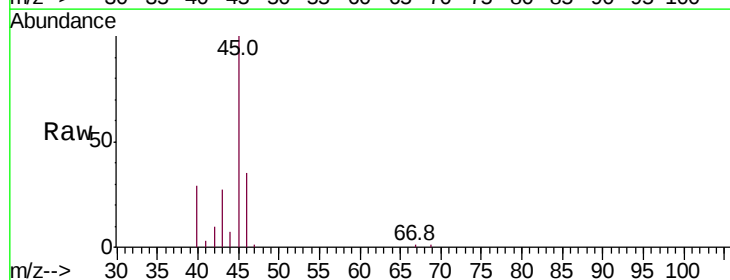
Manual Integrations
APPROVED

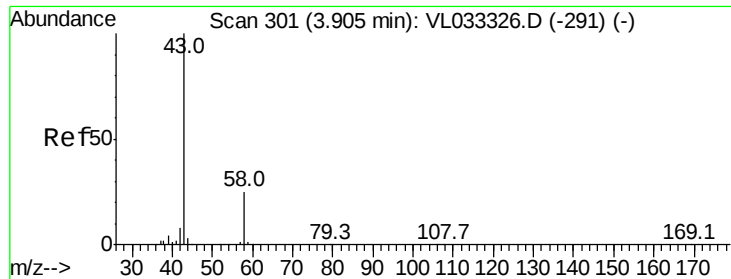
MMDadoda
3/19/2019 10:01:52 AM



#13
Ethanol
Concen: 10.912 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033354.D
Acq: 16 Mar 2019 6:25

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.9	14.9	59.7





#15

Acetone

Concen: 0.598 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL033354.D

Acq: 16 Mar 2019 6:25

Instrument :

MSVOA_L

ClientSampled :

A-5DL

Tot Ion: 43 Resp: 69583

Ion Ratio Lower Upper

43 100

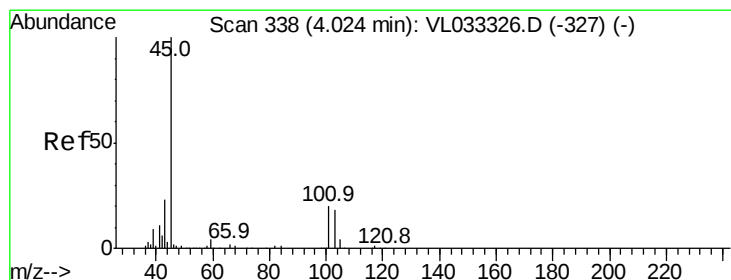
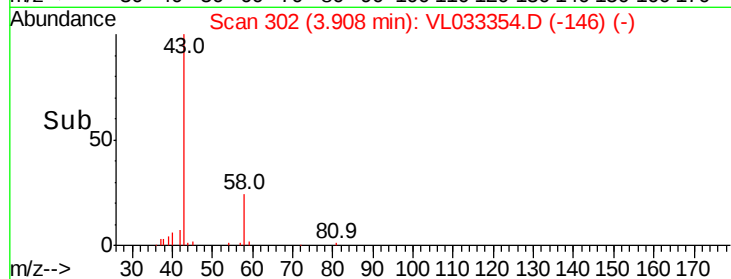
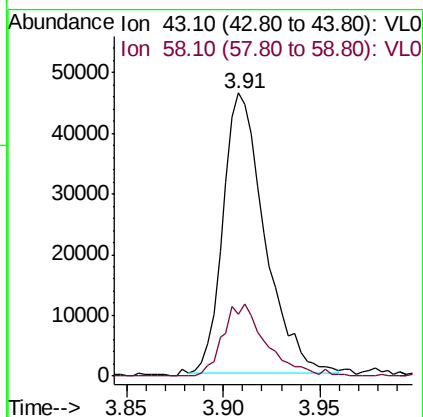
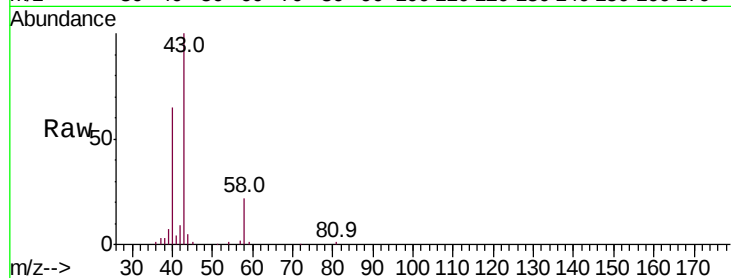
58 26.5 20.4 30.6

Manual Integrations

APPROVED

MMDadoda

3/19/2019 10:01:52 AM



#19

Isopropyl Alcohol

Concen: 1.250 ppbv m

RT: 4.03 min Scan# 341

Delta R.T. 0.01 min

Lab File: VL033354.D

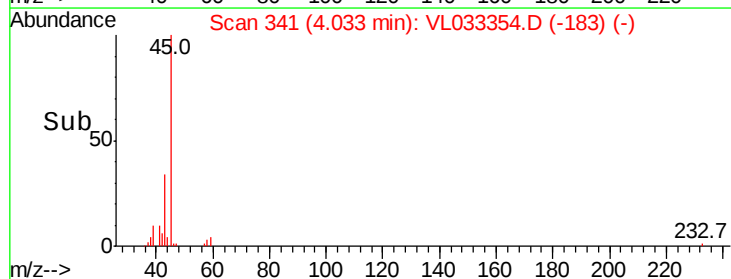
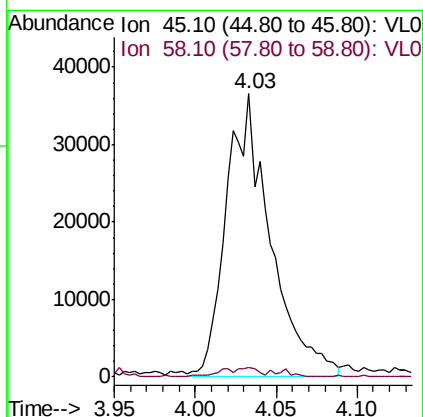
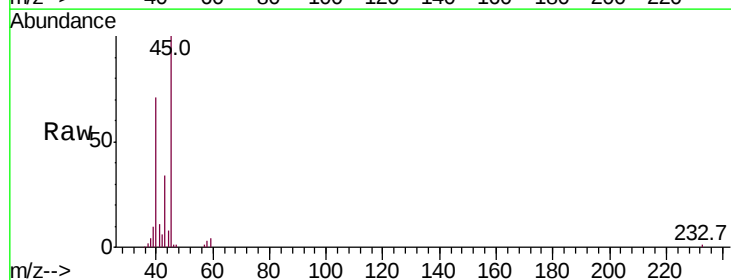
Acq: 16 Mar 2019 6:25

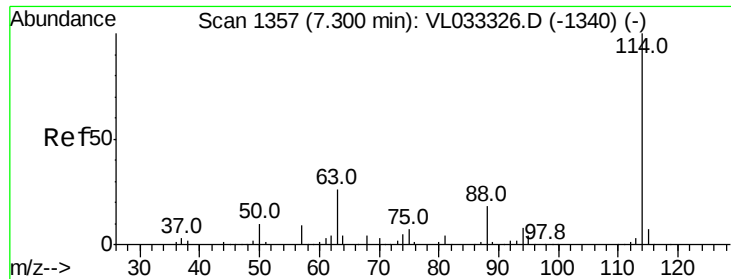
Tgt Ion: 45 Resp: 69231

Ion Ratio Lower Upper

45 100

58 3.9 1.5 2.3#





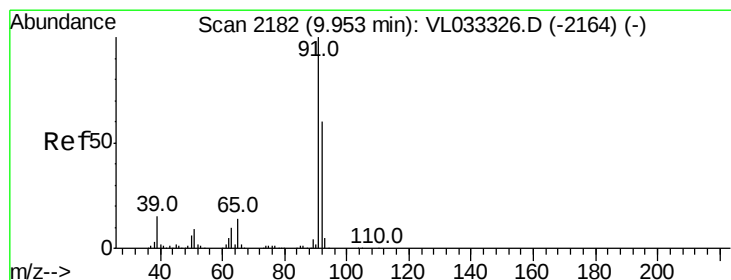
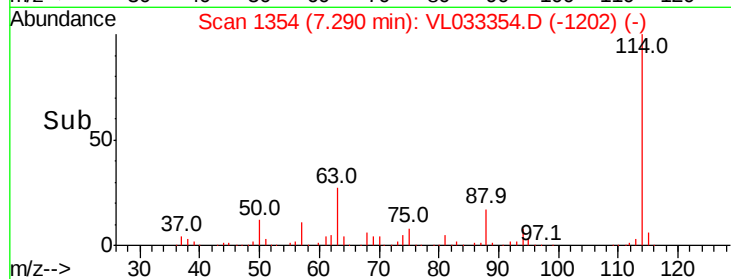
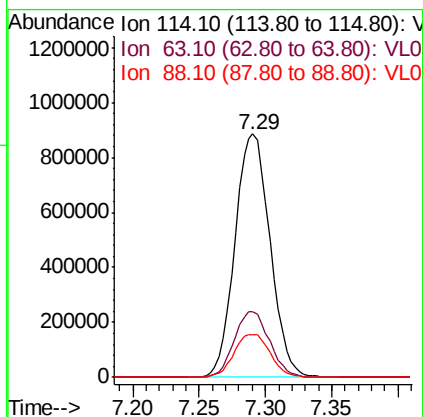
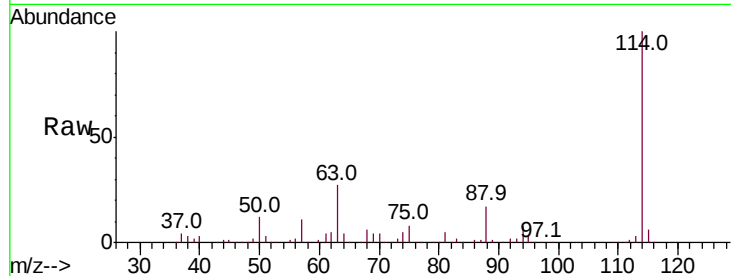
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: VL033354.D
 Acq: 16 Mar 2019 6:25

Instrument :
 MSVOA_L
 ClientSampleId :
 A-5DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.4	32.2
88	18.3	14.5	21.7

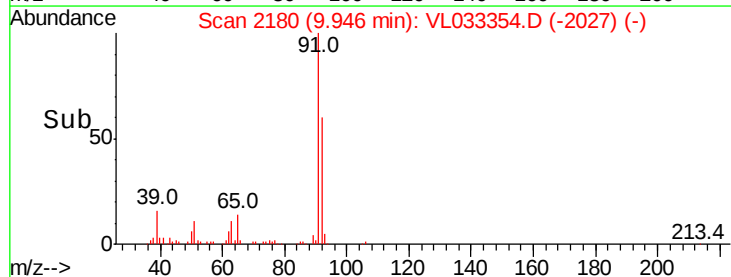
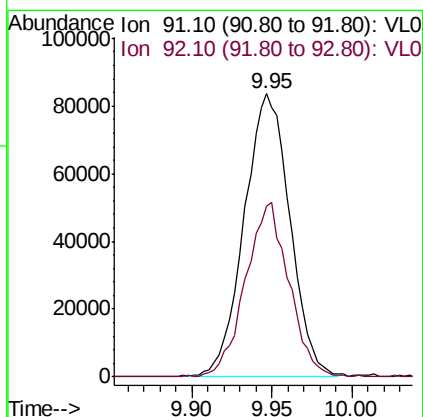
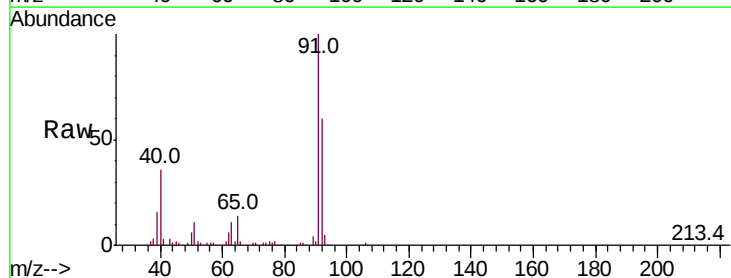
Manual Integrations
 APPROVED

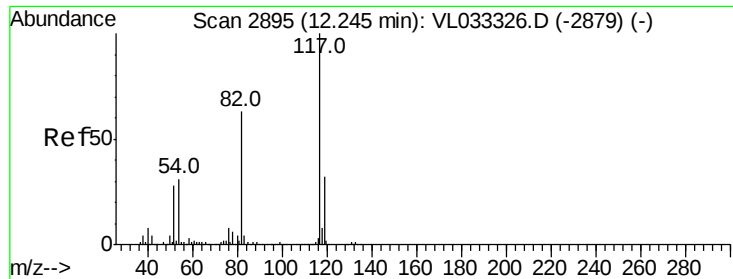
MMDadoda
 3/19/2019 10:01:52 AM



#53
 Toluene
 Concen: 0.993 ppbv
 RT: 9.95 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: VL033354.D
 Acq: 16 Mar 2019 6:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.4	47.4	71.0





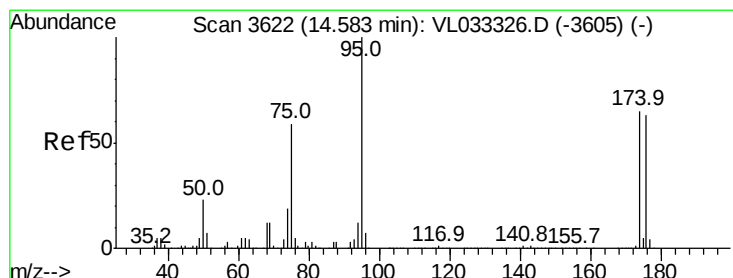
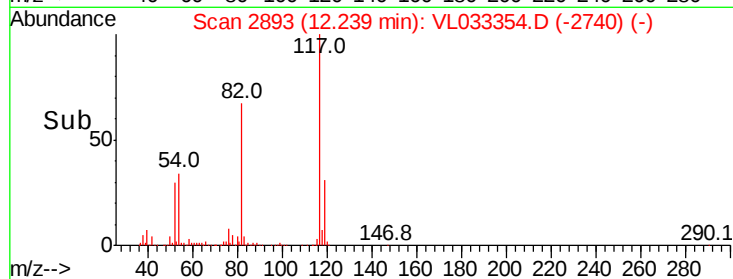
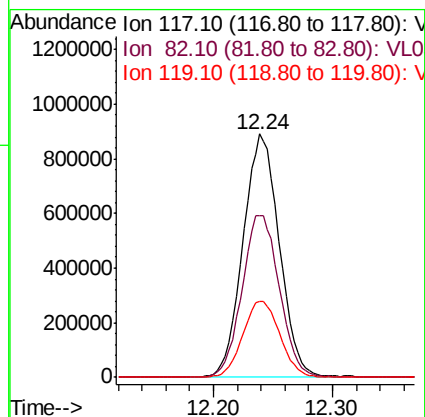
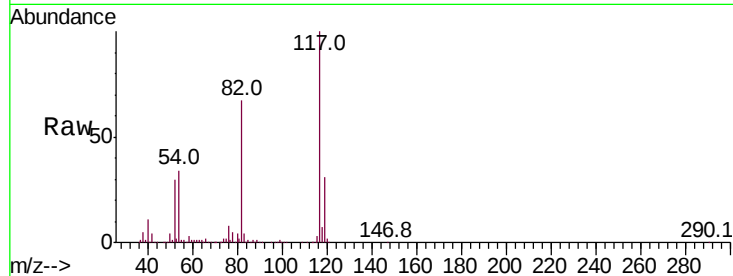
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033354.D
Acq: 16 Mar 2019 6:25

Instrument :
MSVOA_L
ClientSampleId :
A-5DL

Tot Ion:117 Resp: 1878676
Ion Ratio Lower Upper
117 100
82 68.9 53.4 80.2
119 32.2 27.3 40.9

Manual Integrations
APPROVED

MMDadoda
3/19/2019 10:01:52 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.351 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033354.D
Acq: 16 Mar 2019 6:25

Tgt Ion: 95 Resp: 1440911
Ion Ratio Lower Upper
95 100
174 64.1 51.5 77.3
175 4.7 3.8 5.6

