

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036154.D
 Acq On : 11 Dec 2020 7:59
 Operator : SY/AP
 Sample : L5005-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL2

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:52:05 PM

Quant Time: Dec 11 12:13:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1263439	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2535315	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2272428	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1995022	11.06	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.60%

Target Compounds					Ovalue
13) Ethanol	3.60	45	151518m	15.221	ppbv
15) Acetone	3.85	43	62218m	0.410	ppbv
20) Methylene Chloride	4.33	84	11039m	0.177	ppbv

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

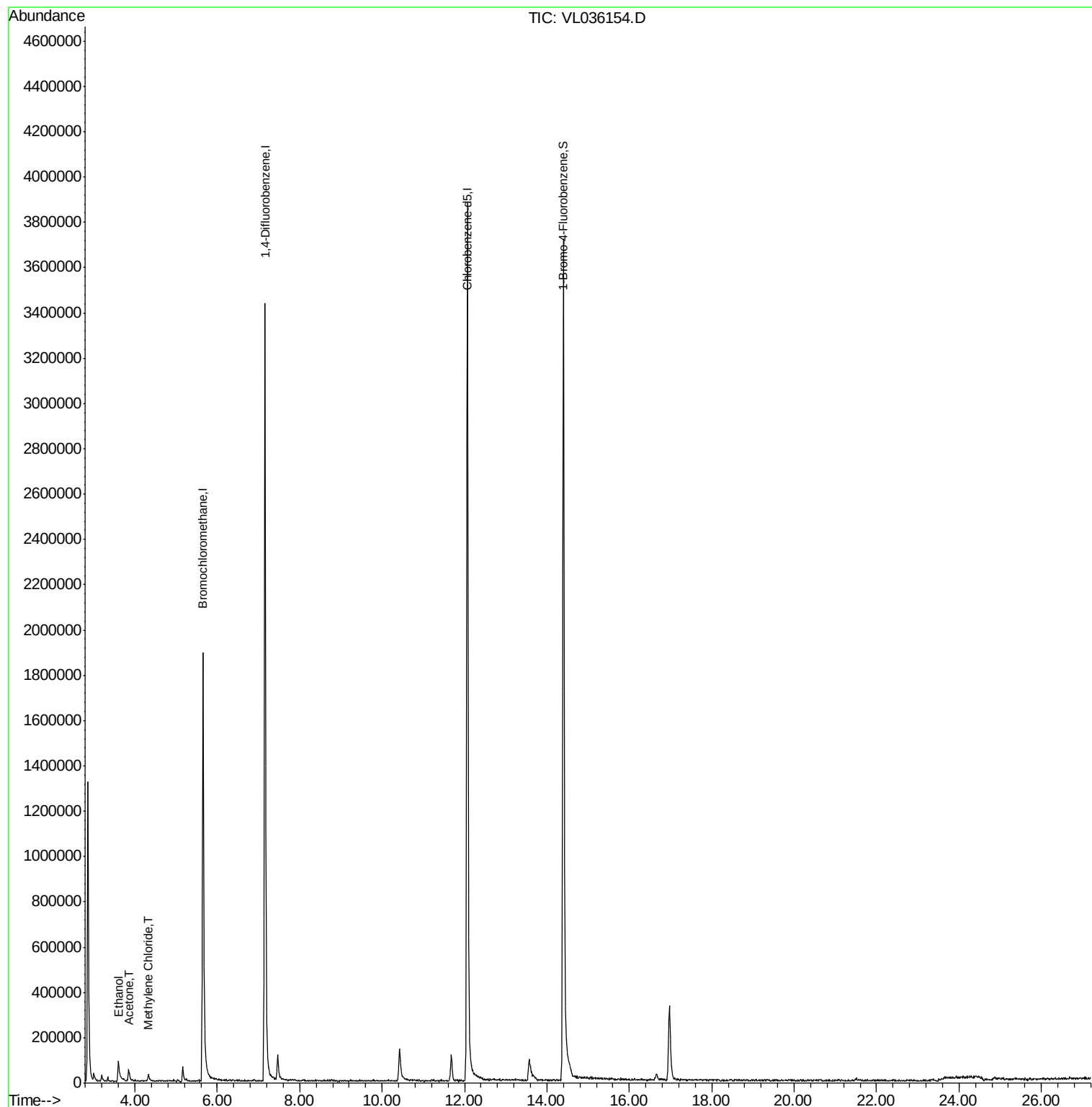
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121020\
Data File : VL036154.D
Acq On : 11 Dec 2020 7:59
Operator : SY/AP
Sample : L5005-01DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

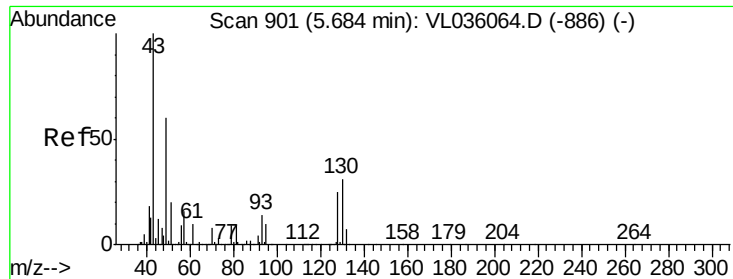
Instrument :
MSVOA_L
ClientSampleId :
48-1DL2

Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:52:05 PM

Quant Time: Dec 11 12:13:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





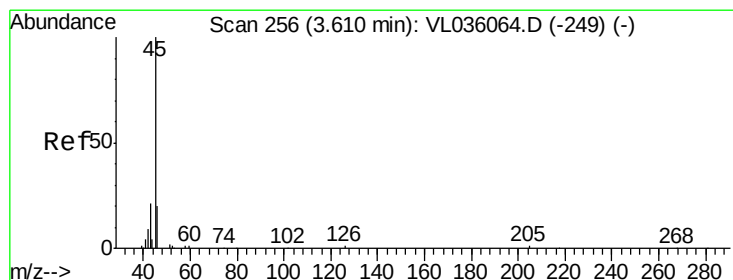
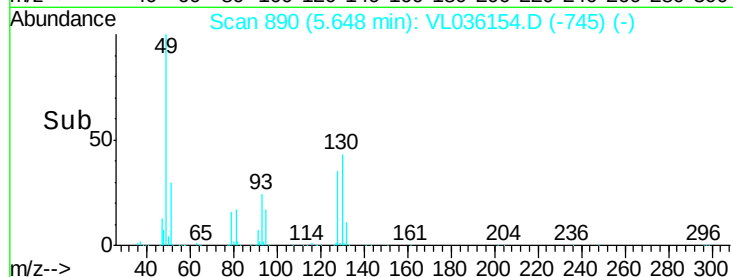
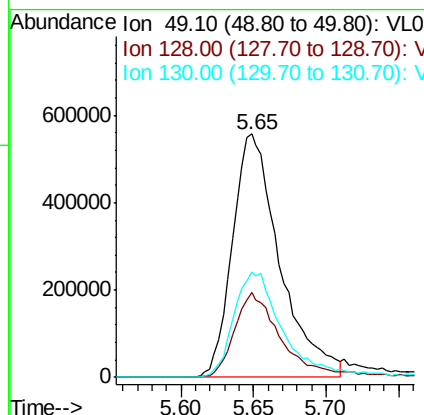
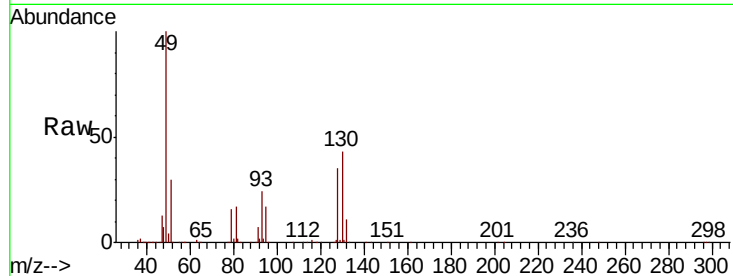
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL036154.D
Acq: 11 Dec 2020 7:59

Instrument :
MSVOA_L
ClientSampleId :
48-1DL2

Tot Ion: 49 Resp: 1263439
Ion Ratio Lower Upper
49 100
128 36.4 21.1 63.1
130 46.5 27.1 81.3

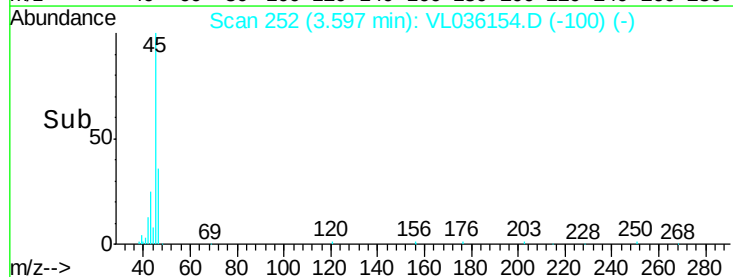
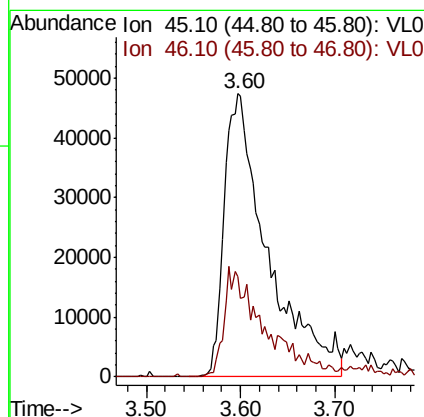
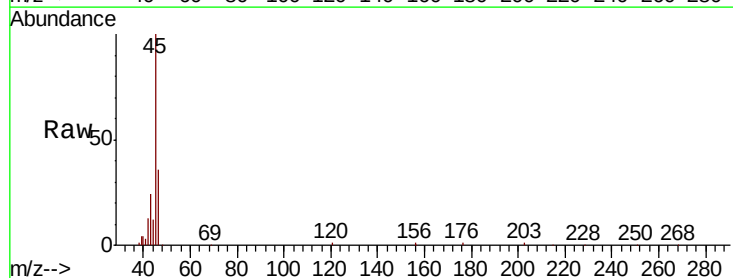
Manual Integrations
APPROVED

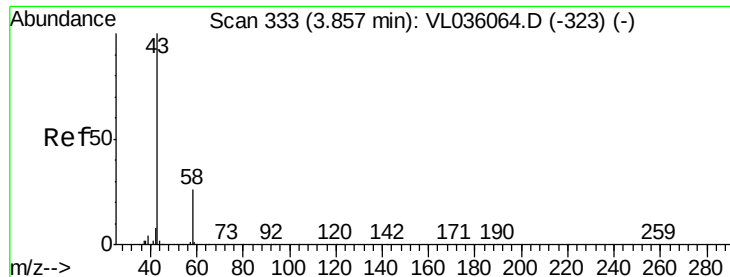
MMDadoda
12/15/2020 4:52:05 PM



#13
Ethanol
Concen: 15.221 ppbv m
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL036154.D
Acq: 11 Dec 2020 7:59

Tgt Ion: 45 Resp: 151518
Ion Ratio Lower Upper
45 100
46 36.3 19.0 75.8





#15

Acetone

Concen: 0.410 ppbv m

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL036154.D

Acq: 11 Dec 2020 7:59

Instrument :

MSVOA_L

ClientSampleId :

48-1DL2

Tot Ion: 43 Resp: 62218

Ion Ratio Lower Upper

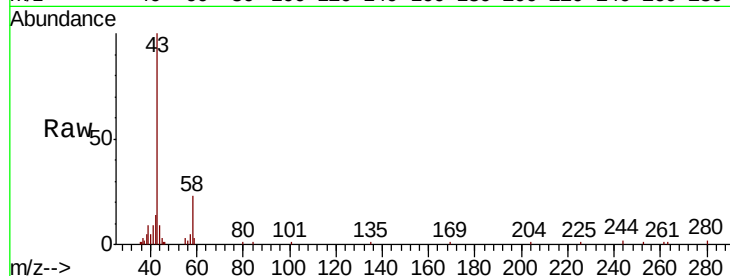
43 100

58 0.0 20.9 31.3#

Manual Integrations
APPROVED

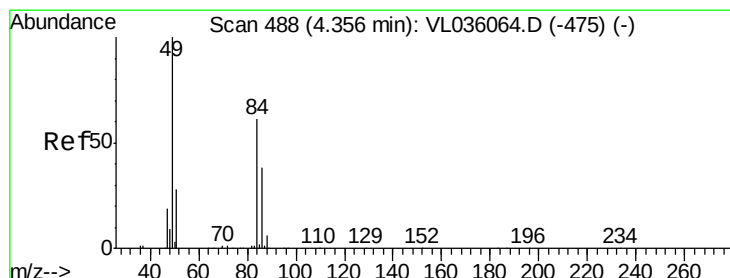
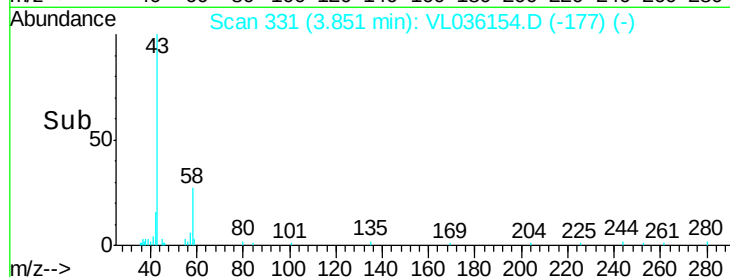
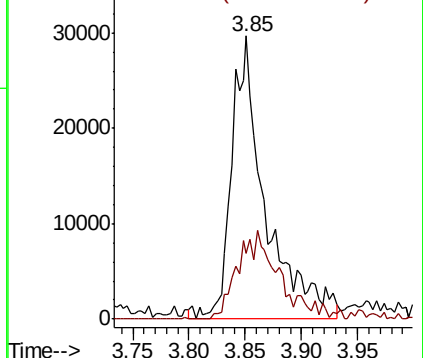
MMDadoda

12/15/2020 4:52:05 PM



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.177 ppbv m

RT: 4.33 min Scan# 479

Delta R.T. -0.03 min

Lab File: VL036154.D

Acq: 11 Dec 2020 7:59

Tgt Ion: 84 Resp: 11039

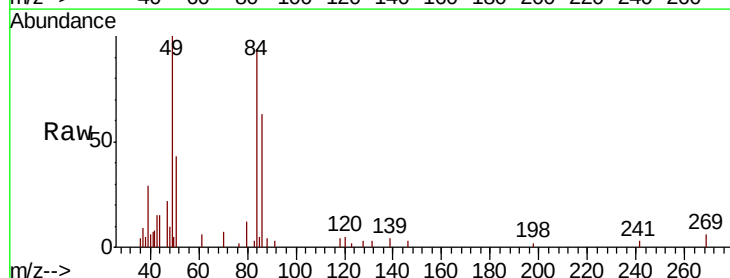
Ion Ratio Lower Upper

84 100

49 106.6 133.0 199.4#

51 45.7 38.9 58.3

86 67.0 48.8 73.2

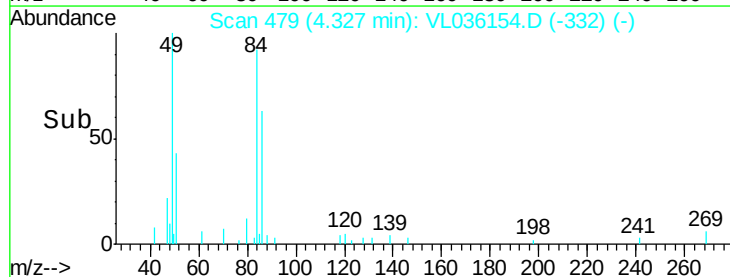
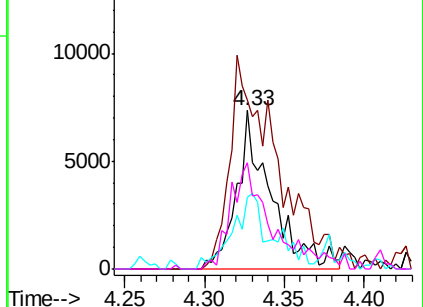


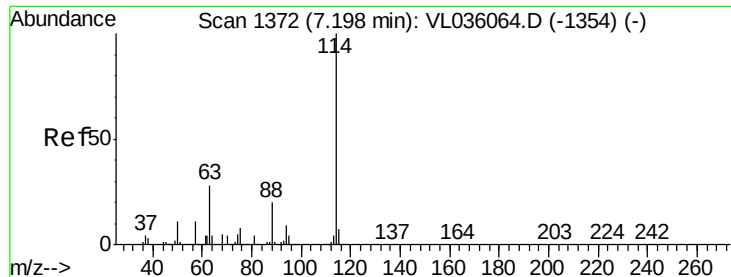
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





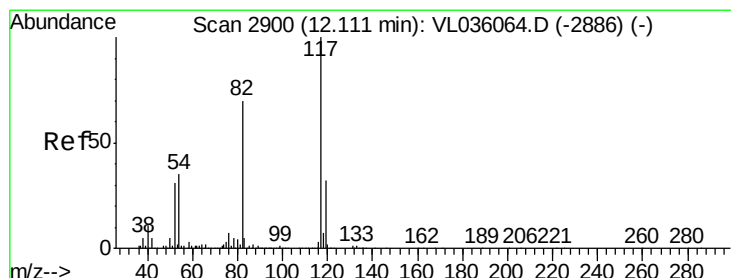
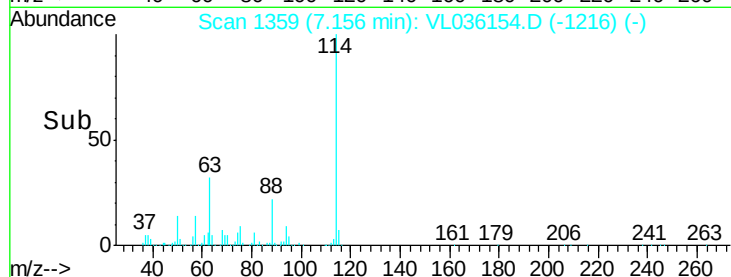
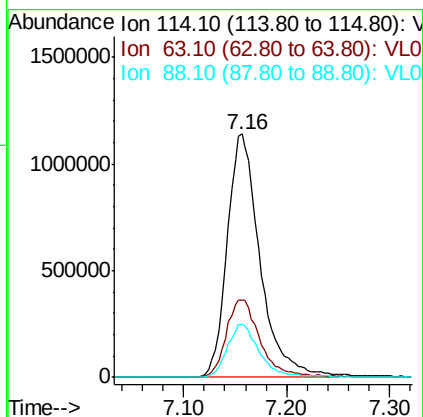
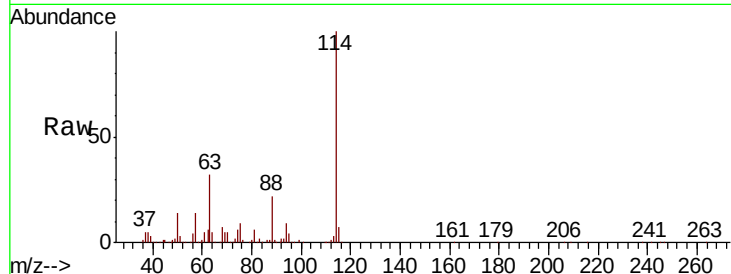
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.04 min
 Lab File: VL036154.D
 Acq: 11 Dec 2020 7:59

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	33.2	23.6	35.4
88	21.4	15.8	23.6

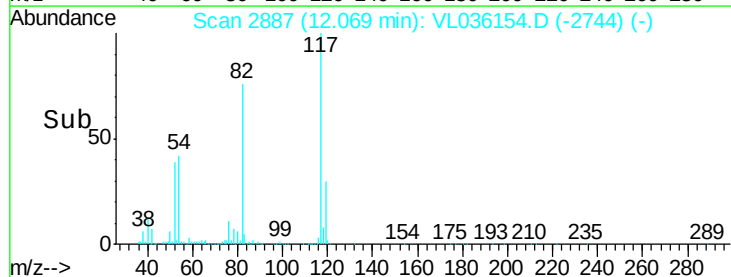
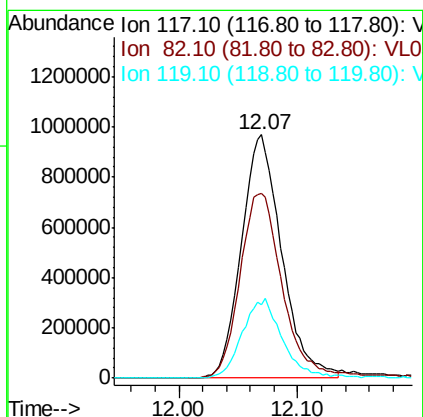
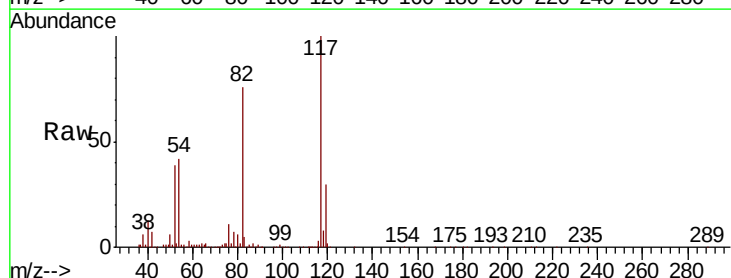
Manual Integrations
 APPROVED

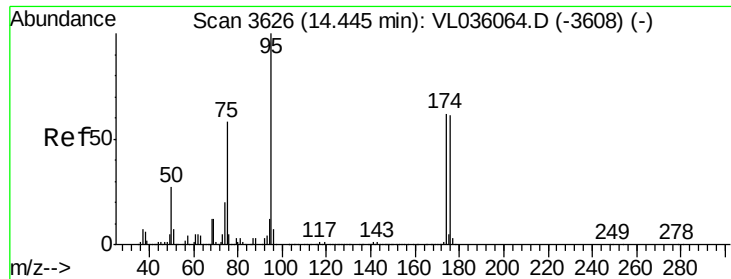
MMDadoda
 12/15/2020 4:52:05 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. -0.04 min
 Lab File: VL036154.D
 Acq: 11 Dec 2020 7:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	81.9	0.0	0.0#
119	32.7	0.0	0.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.056 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.05 min
 Lab File: VL036154.D
 Acq: 11 Dec 2020 7:59

Instrument :
 MSVOA_L
 ClientSampleId :
 48-1DL2

Tot Ion: 95 Resp: 1995022
 Ion Ratio Lower Upper
 95 100
 174 53.8 50.7 76.1
 175 4.1 4.0 6.0

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:52:05 PM

