

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034597.D
 Acq On : 5 Feb 2020 2:27
 Operator : SY/AP
 Sample : L1391-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 2:51:24 PM

Quant Time: Feb 05 08:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	980656	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1993923	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2027036	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1732347	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	32643m	0.708	ppbv	
13) Ethanol	3.59	45	16694m	1.351	ppbv	
15) Acetone	3.84	43	81924	0.568	ppbv	92
20) Methylene Chloride	4.33	84	22302	0.406	ppbv	89

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

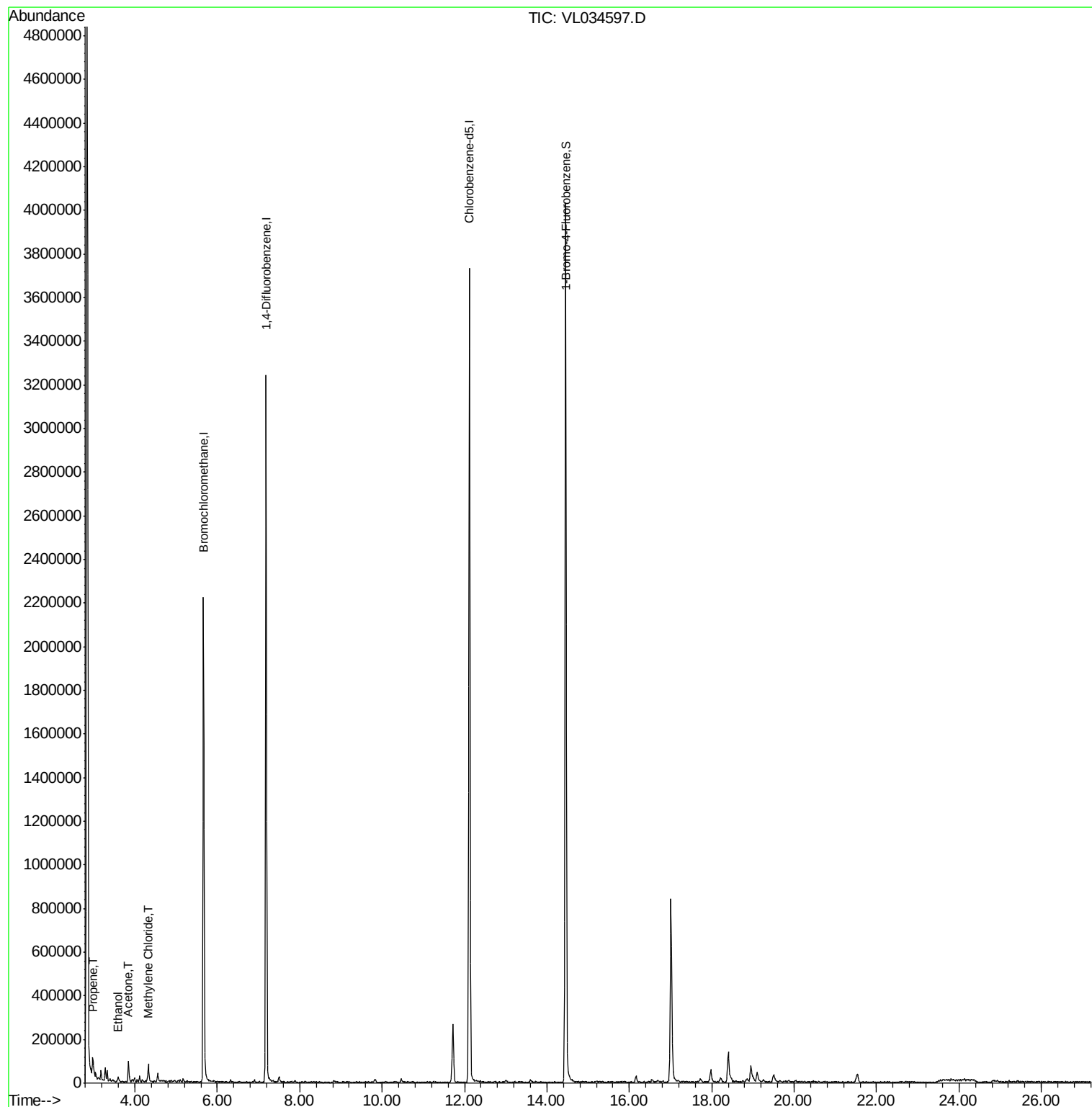
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
Data File : VL034597.D
Acq On : 5 Feb 2020 2:27
Operator : SY/AP
Sample : L1391-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

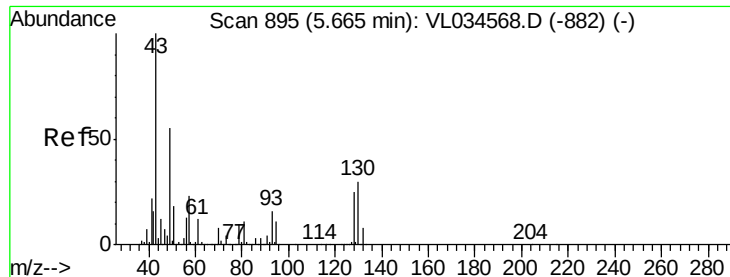
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:24 PM

Quant Time: Feb 05 08:03:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL034597.D

Acq: 5 Feb 2020 2:27

Instrument :

MSVOA_L

ClientSampled :

SV-1DL

Tot Ion: 49 Resp: 980656
Ion Ratio Lower Upper

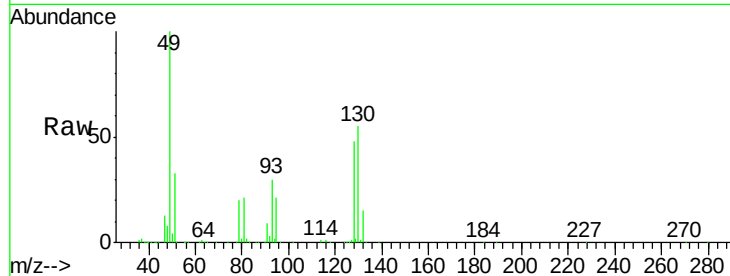
49 100

128 46.5 22.7 68.1

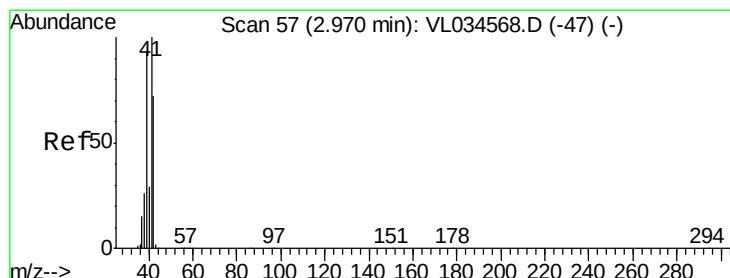
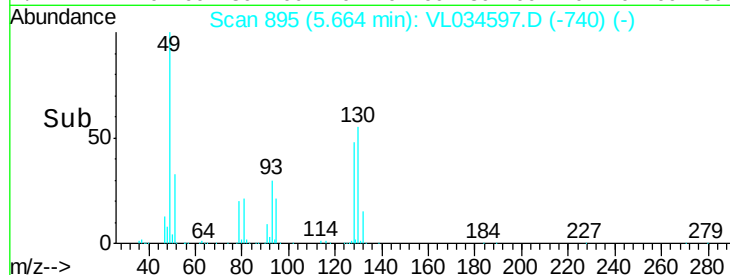
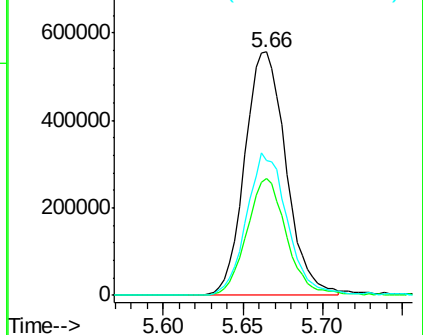
130 58.8 28.6 85.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:24 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): VL0
Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.708 ppbv m

RT: 2.98 min Scan# 60

Delta R.T. 0.01 min

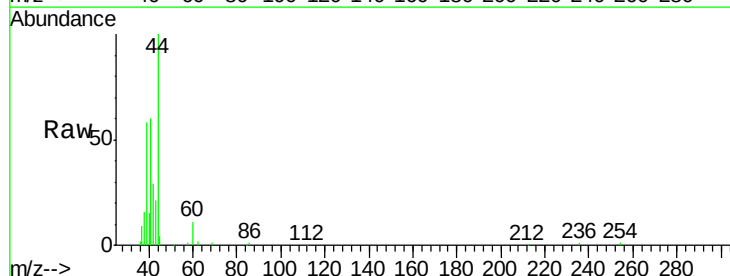
Lab File: VL034597.D

Acq: 5 Feb 2020 2:27

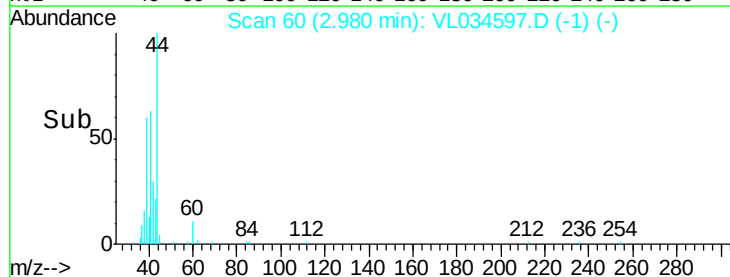
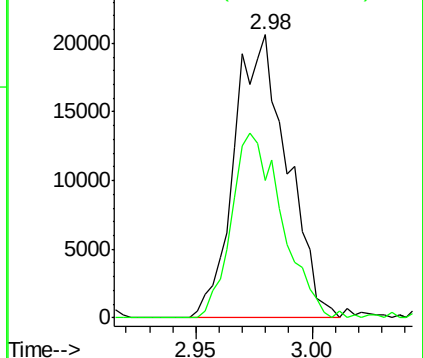
Tgt Ion: 41 Resp: 32643
Ion Ratio Lower Upper

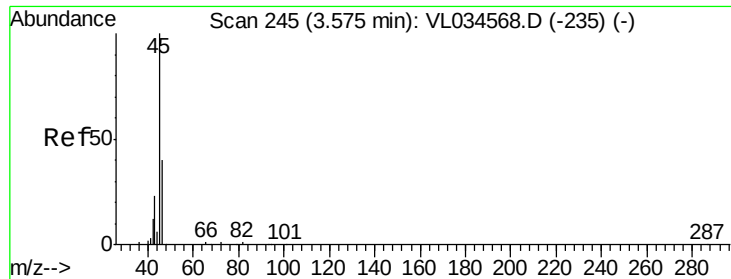
41 100

42 62.4 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





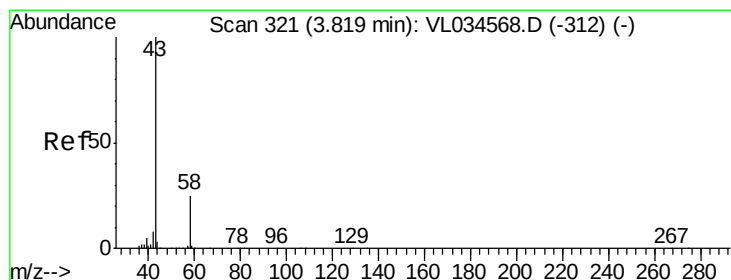
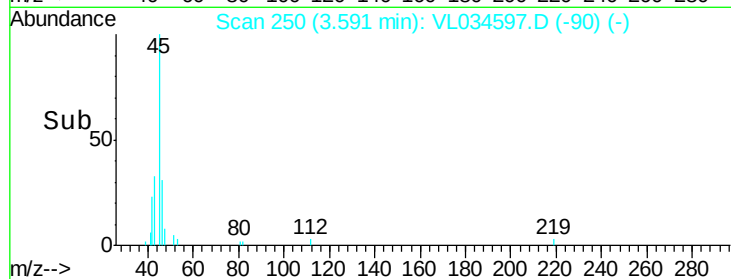
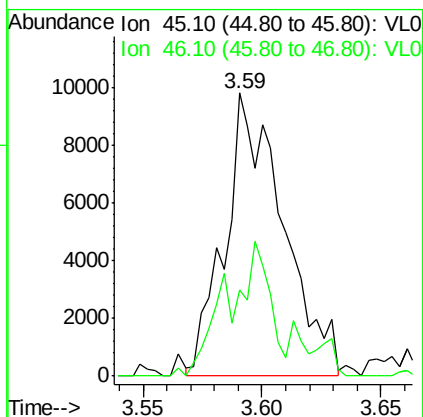
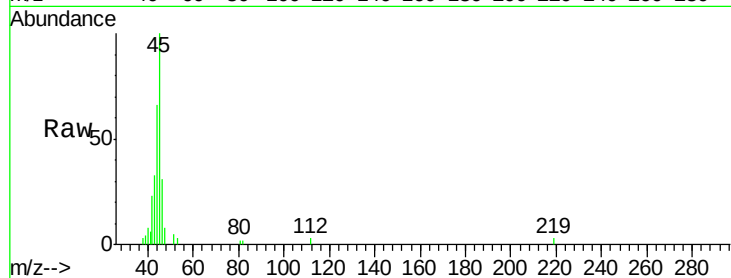
#13
Ethanol
Concen: 1.351 ppbv m
RT: 3.59 min Scan# 250
Delta R.T. 0.02 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tot Ion	45	Resp	16694
Ion Ratio	100	Lower	Upper
46	0.0	14.8	59.2#

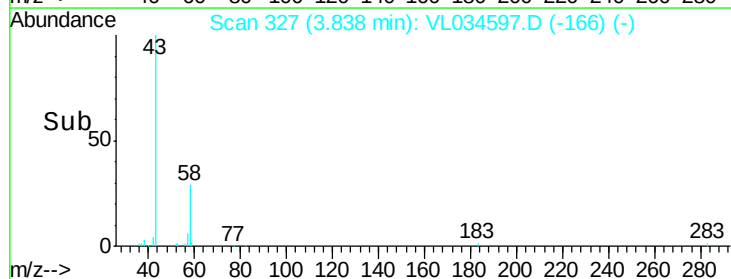
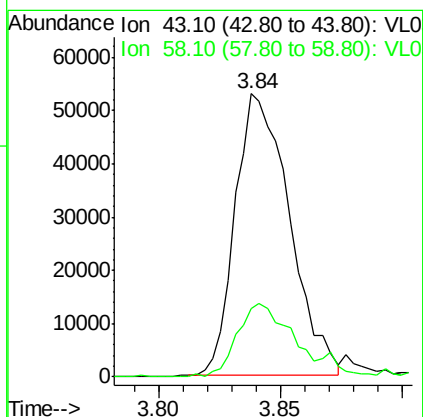
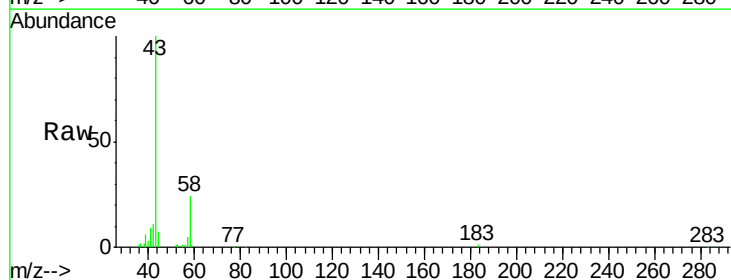
Manual Integrations
APPROVED

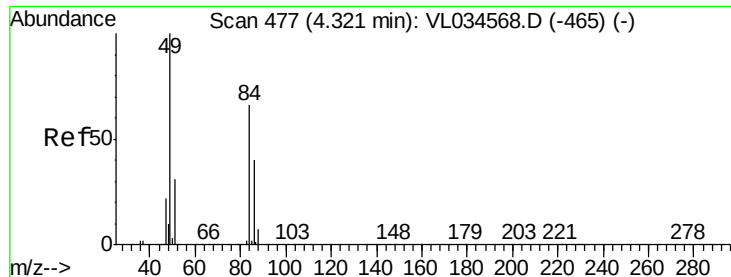
MMDadoda
2/5/2020 2:51:24 PM



#15
Acetone
Concen: 0.568 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.02 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Tgt Ion	43	Resp	81924
Ion Ratio	100	Lower	Upper
58	29.3	20.3	30.5





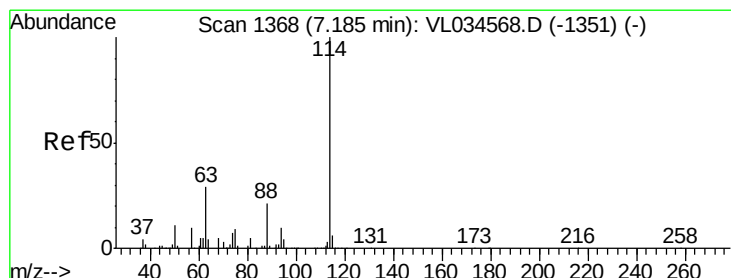
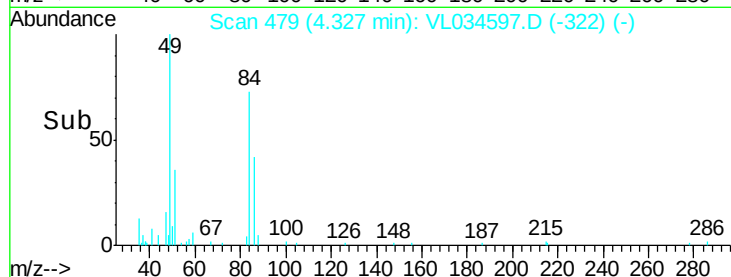
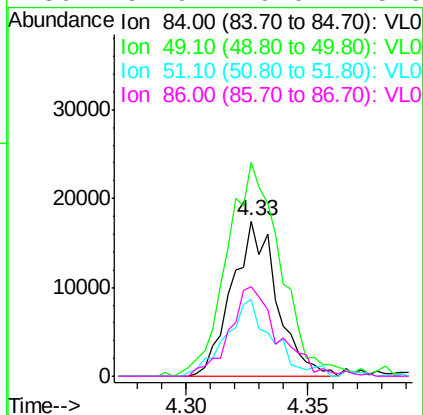
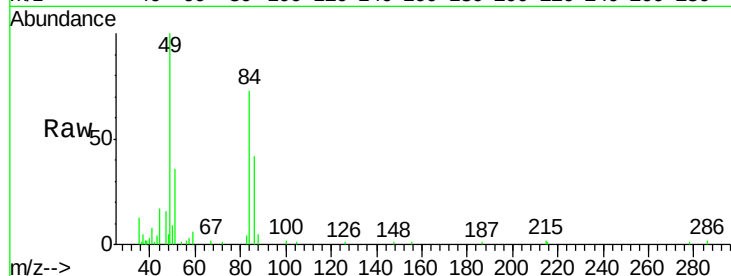
#20
Methylene Chloride
Concen: 0.406 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.01 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tot Ion:	84	Resp:	22302
Ion	Ratio	Lower	Upper
84	100		
49	131.8	122.4	183.6
51	49.5	38.6	57.8
86	57.9	49.0	73.6

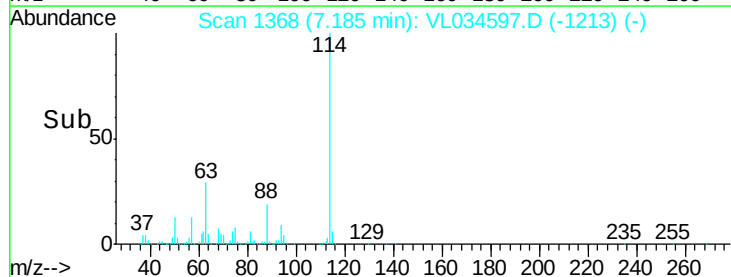
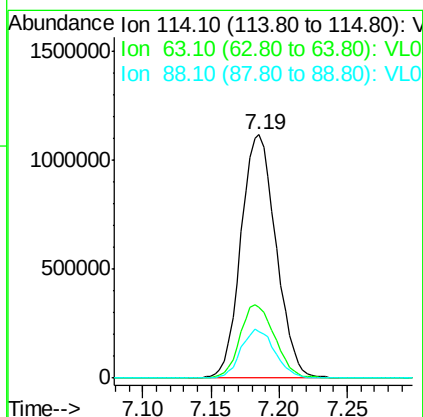
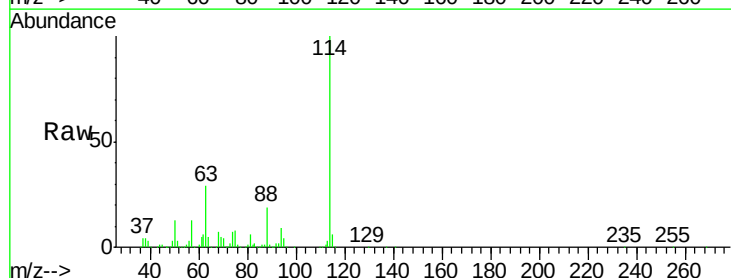
Manual Integrations
APPROVED

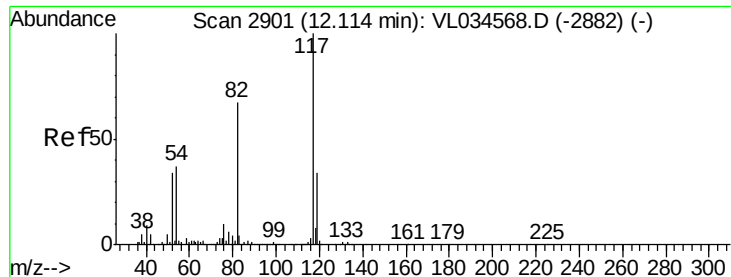
MMDadoda
2/5/2020 2:51:24 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Tgt Ion:	114	Resp:	1993923
Ion	Ratio	Lower	Upper
114	100		
63	30.1	24.1	36.1
88	19.5	15.9	23.9





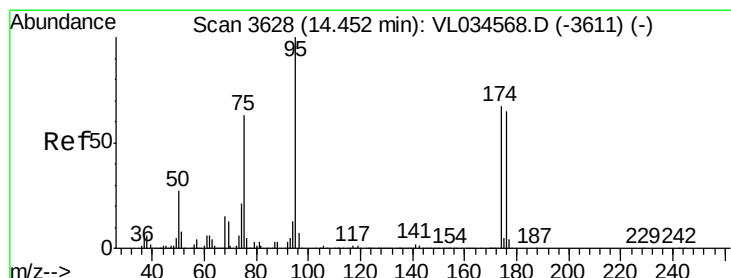
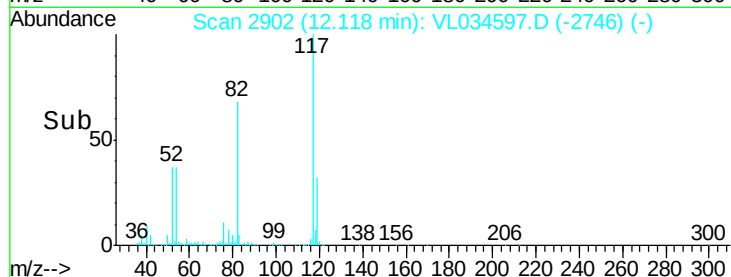
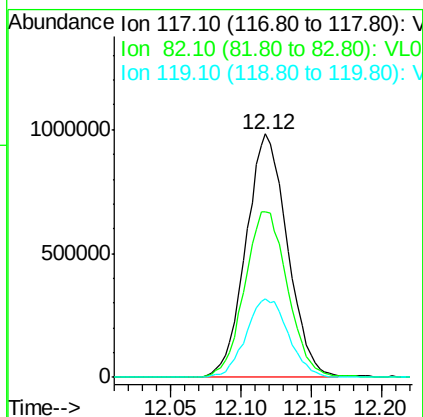
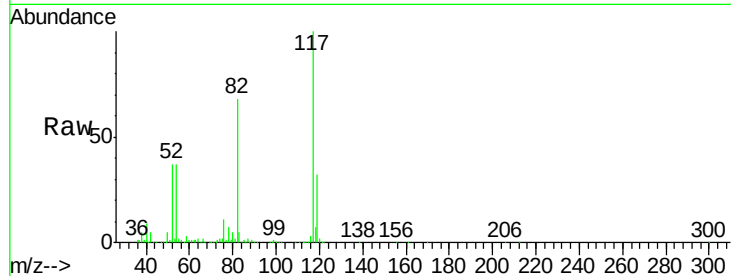
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Instrument :
MSVOA_L
ClientSampled :
SV-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.9	54.2	81.4
119	33.1	26.1	39.1

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:24 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.112 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034597.D
Acq: 5 Feb 2020 2:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.0	52.3	78.5
175	4.5	3.8	5.6

