

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035051.D
 Acq On : 19 May 2020 19:37
 Operator : SY/AP
 Sample : L2683-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FL-IADL

Manual Integrations
 APPROVED

MMDadoda
 5/20/2020 4:27:33 PM

Quant Time: May 20 06:12:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1131462	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2546255	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2452364	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2111656	10.64	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	13561m	0.242	ppbv	
13) Ethanol	3.57	45	44515m	2.407	ppbv	
15) Acetone	3.81	43	469801	3.141	ppbv	100
52) Tetrachloroethene	11.24	164	18139m	0.243	ppbv	

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

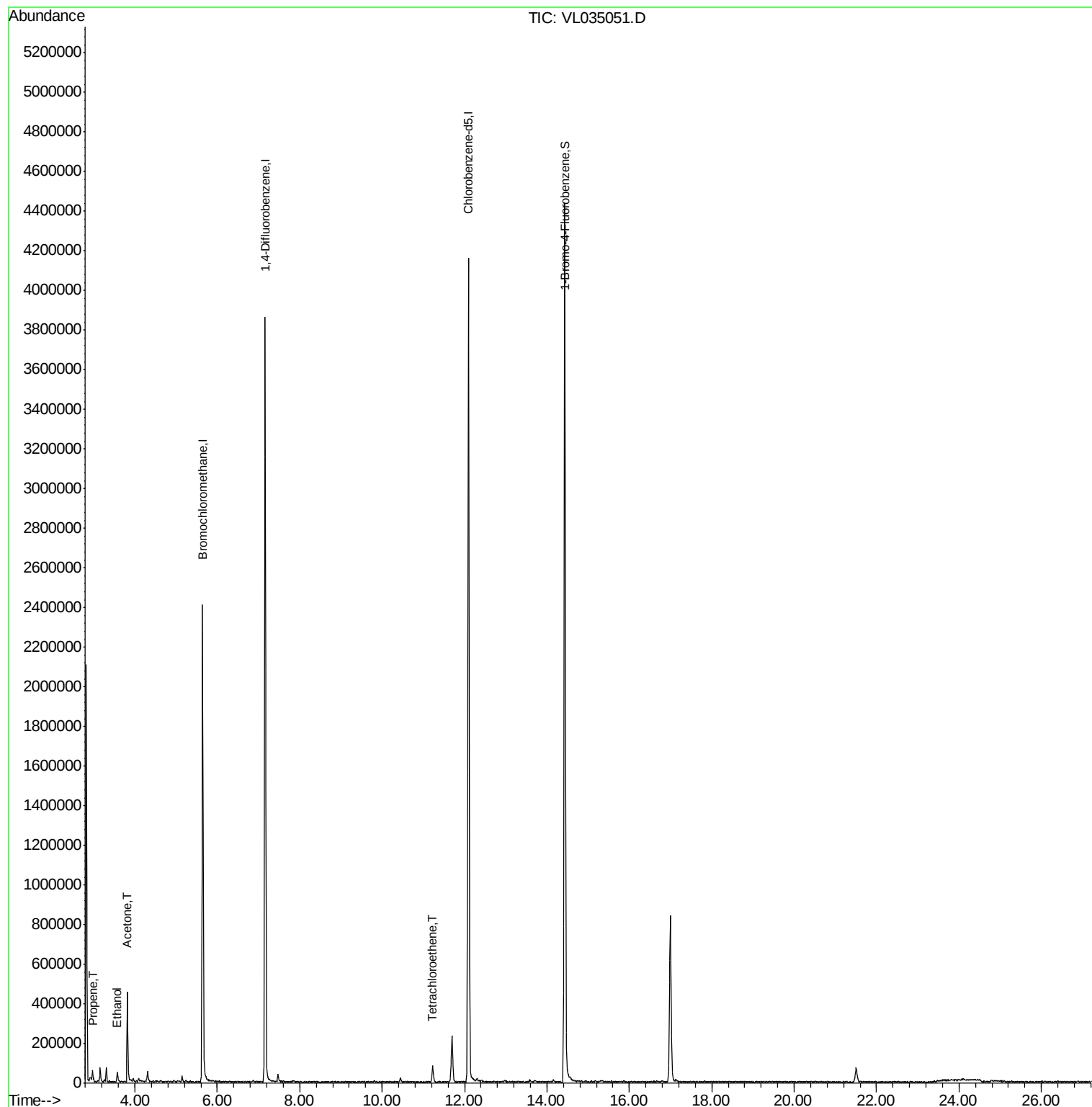
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
Data File : VL035051.D
Acq On : 19 May 2020 19:37
Operator : SY/AP
Sample : L2683-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

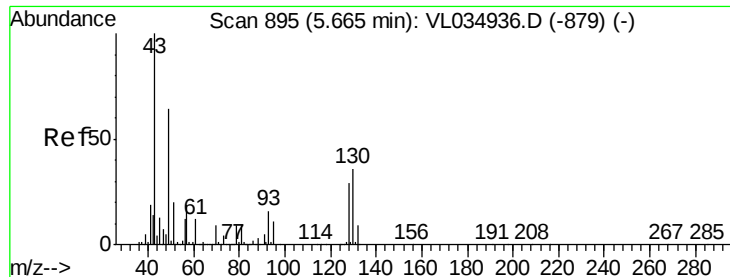
Instrument :
MSVOA_L
ClientSampleId :
FL-IADL

Manual Integrations
APPROVED

MMDadoda
5/20/2020 4:27:33 PM

Quant Time: May 20 06:12:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.02 min

Lab File: VL035051.D

Acq: 19 May 2020 19:37

Instrument :

MSVOA_L

ClientSampled :

FL-IADL

Tot Ion: 49 Resp: 1131462

Ion Ratio Lower Upper

49 100

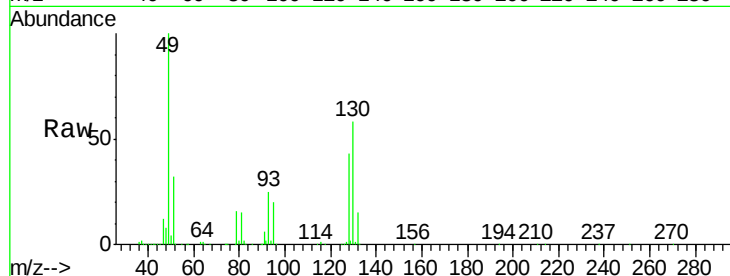
128 44.9 22.1 66.5

130 58.0 29.1 87.3

Manual Integrations
APPROVED

MMDadoda

5/20/2020 4:27:33 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

800000

600000

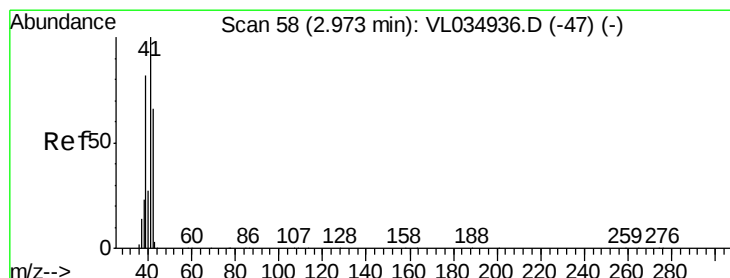
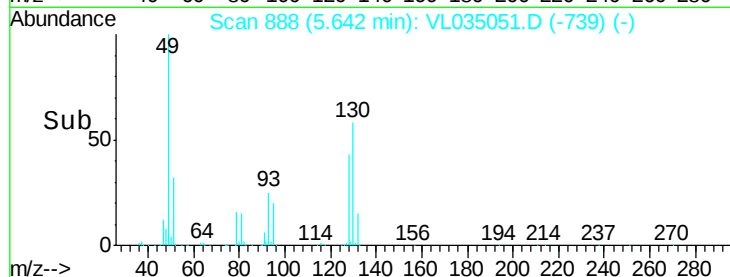
400000

200000

0

5.55 5.60 5.65 5.70

Time-->



#9

Propene

Concen: 0.242 ppbv m

RT: 2.97 min Scan# 58

Delta R.T. 0.00 min

Lab File: VL035051.D

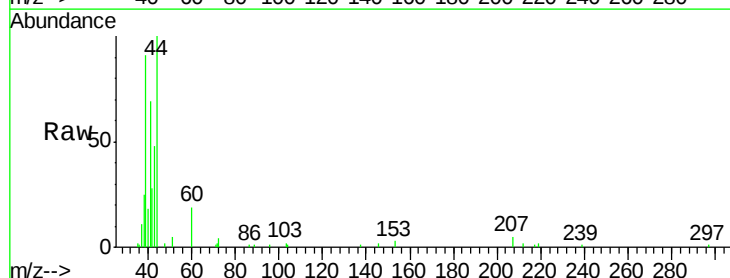
Acq: 19 May 2020 19:37

Tgt Ion: 41 Resp: 13561

Ion Ratio Lower Upper

41 100

42 53.8 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

10000

8000

6000

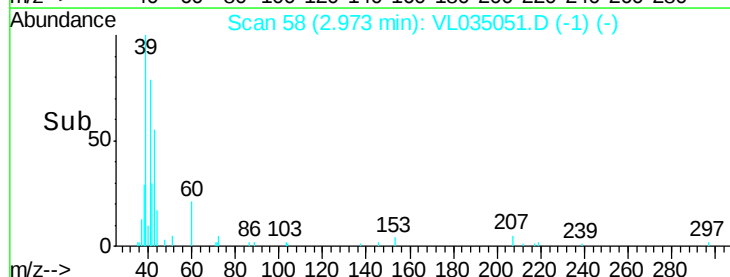
4000

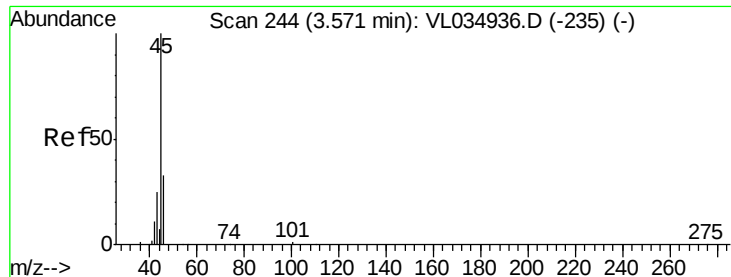
2000

0

2.92 2.94 2.96 2.98 3.00

Time-->





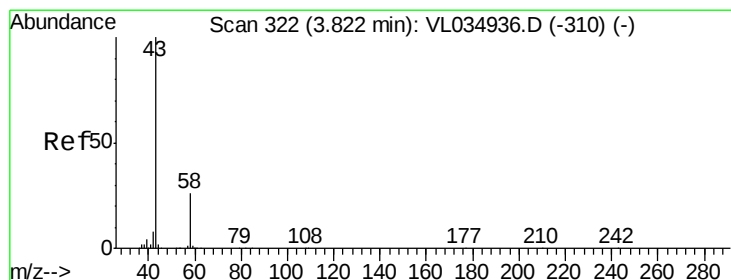
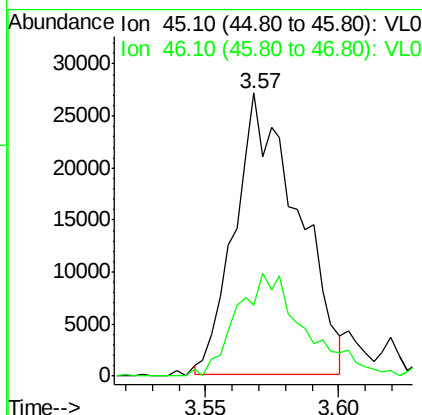
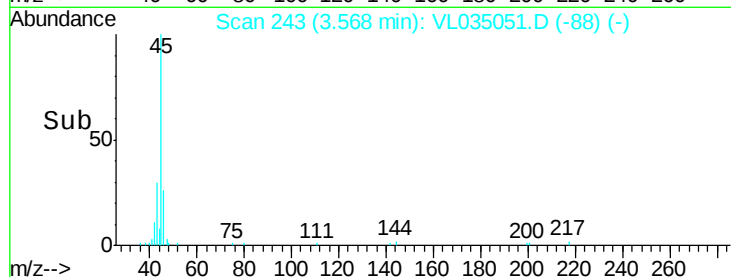
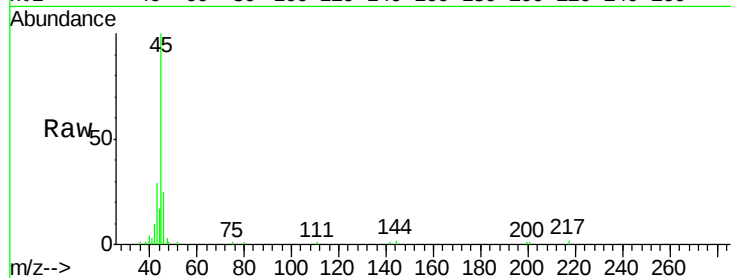
#13
Ethanol
Concen: 2.407 ppbv m
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Instrument :
MSVOA_L
ClientSampleId :
FL-IADL

Tot Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.3	57.3#

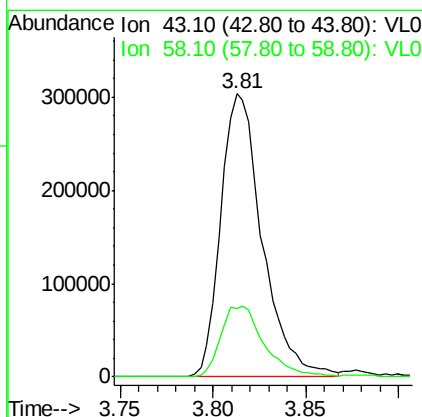
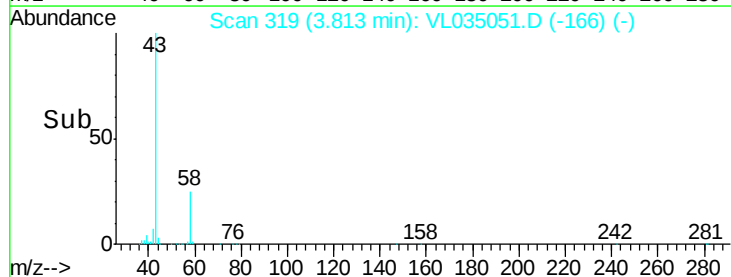
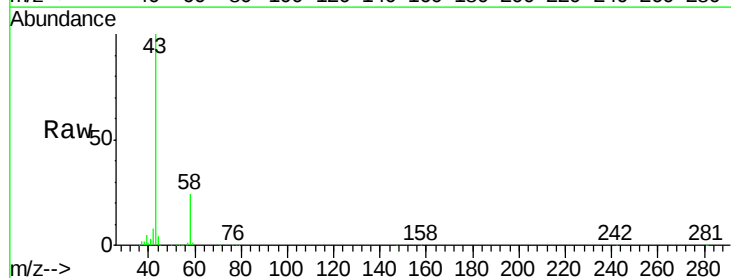
Manual Integrations
APPROVED

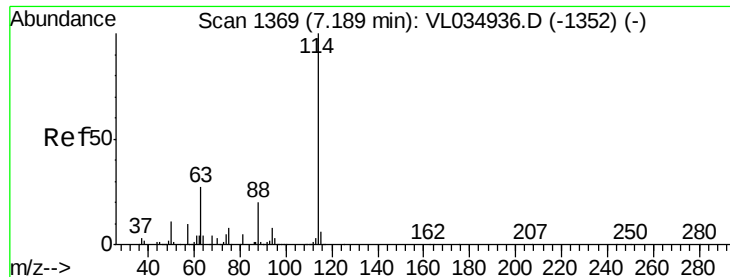
MMDadoda
5/20/2020 4:27:33 PM



#15
Acetone
Concen: 3.141 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.01 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.1	21.7	32.5





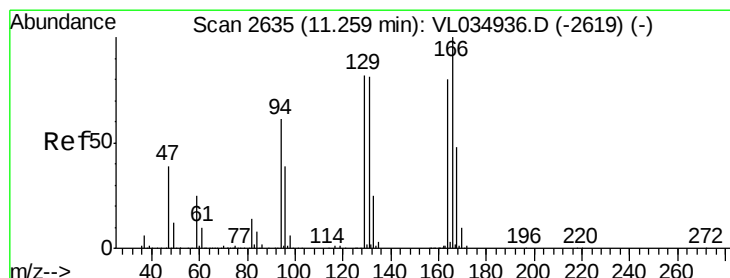
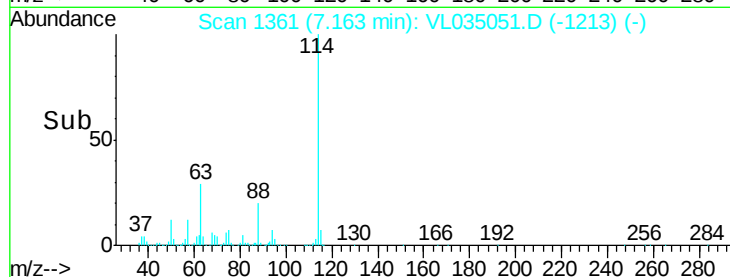
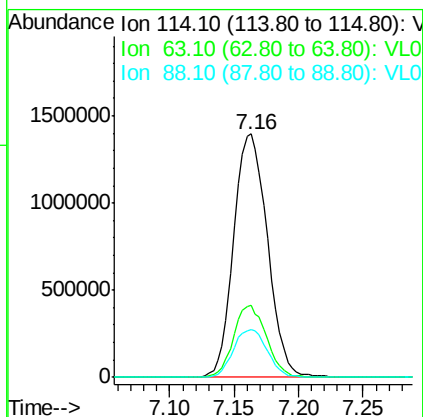
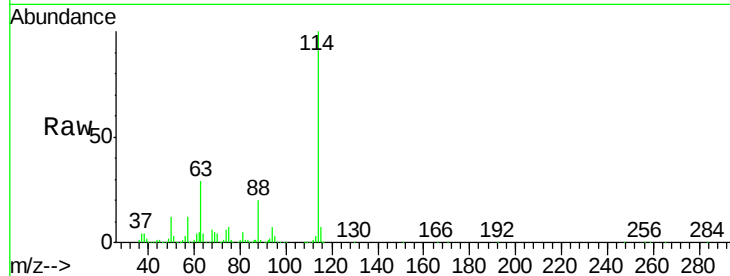
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Instrument :
MSVOA_L
ClientSampleId :
FL-IADL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.2	33.4
88	19.8	15.5	23.3

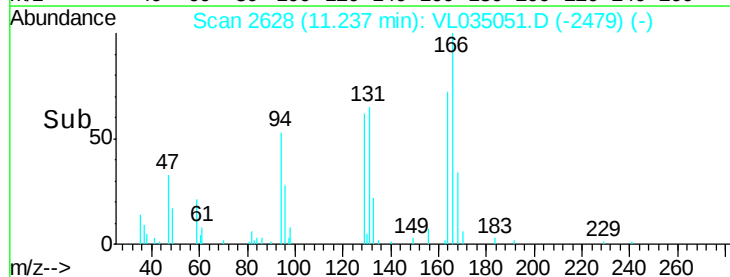
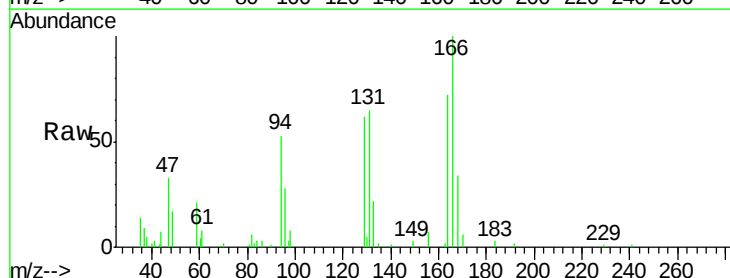
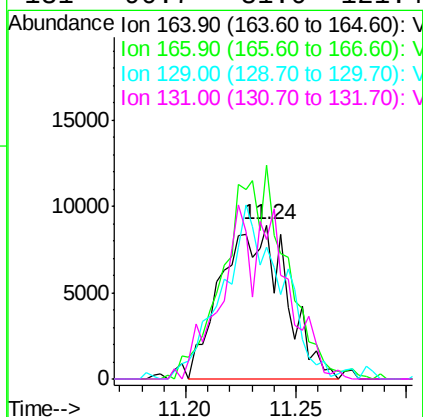
Manual Integrations
APPROVED

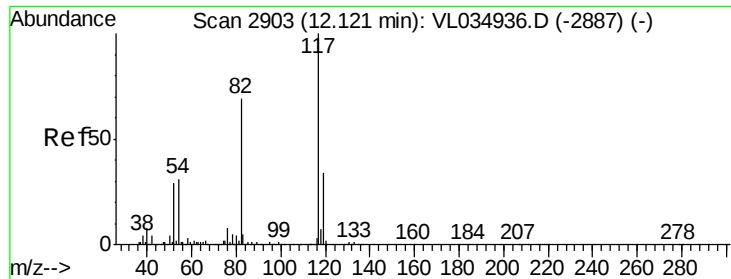
MMDadoda
5/20/2020 4:27:33 PM



#52
Tetrachloroethene
Concen: 0.243 ppbv m
RT: 11.24 min Scan# 2628
Delta R.T. -0.02 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.6	100.7	151.1
129	85.6	83.0	124.4
131	90.7	81.0	121.4





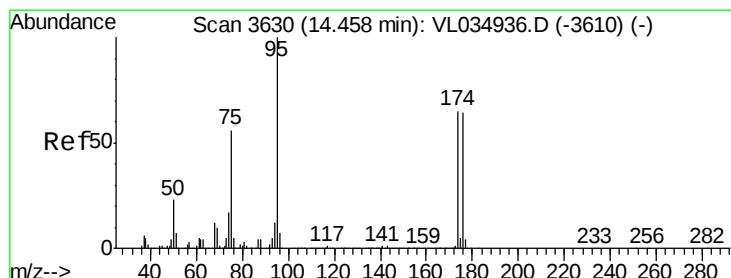
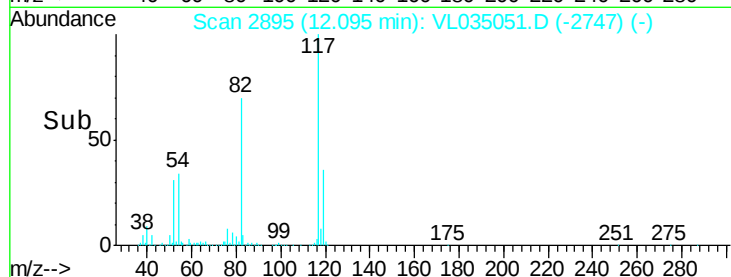
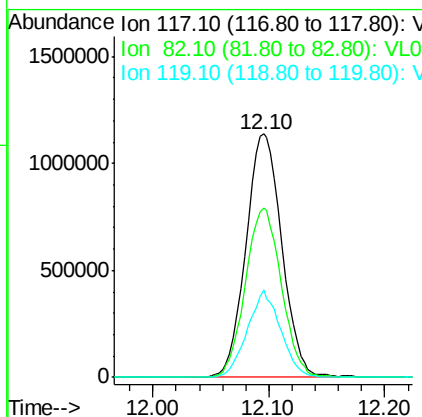
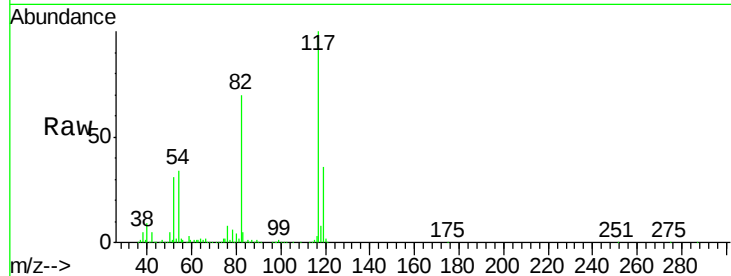
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Instrument :
MSVOA_L
ClientSampleId :
FL-IADL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.1	53.1	79.7
119	33.3	26.7	40.1

Manual Integrations
APPROVED

MMDadoda
5/20/2020 4:27:33 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.638 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.03 min
Lab File: VL035051.D
Acq: 19 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.1	51.5	77.3
175	4.7	3.8	5.8

