

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034755.D
 Acq On : 29 Feb 2020 3:05
 Operator : SY/AP
 Sample : L1698-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4DL2

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:02:20 PM

Quant Time: Mar 02 08:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	962080	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2035838	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1999352	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1695051	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	13032m	0.951	ppbv	
15) Acetone	3.85	43	39995	0.365	ppbv	# 75
19) Isopropyl Alcohol	3.98	45	17298m	0.265	ppbv	
20) Methylene Chloride	4.33	84	8433	0.207	ppbv	85
52) Tetrachloroethene	11.25	164	20483m	0.318	ppbv	

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

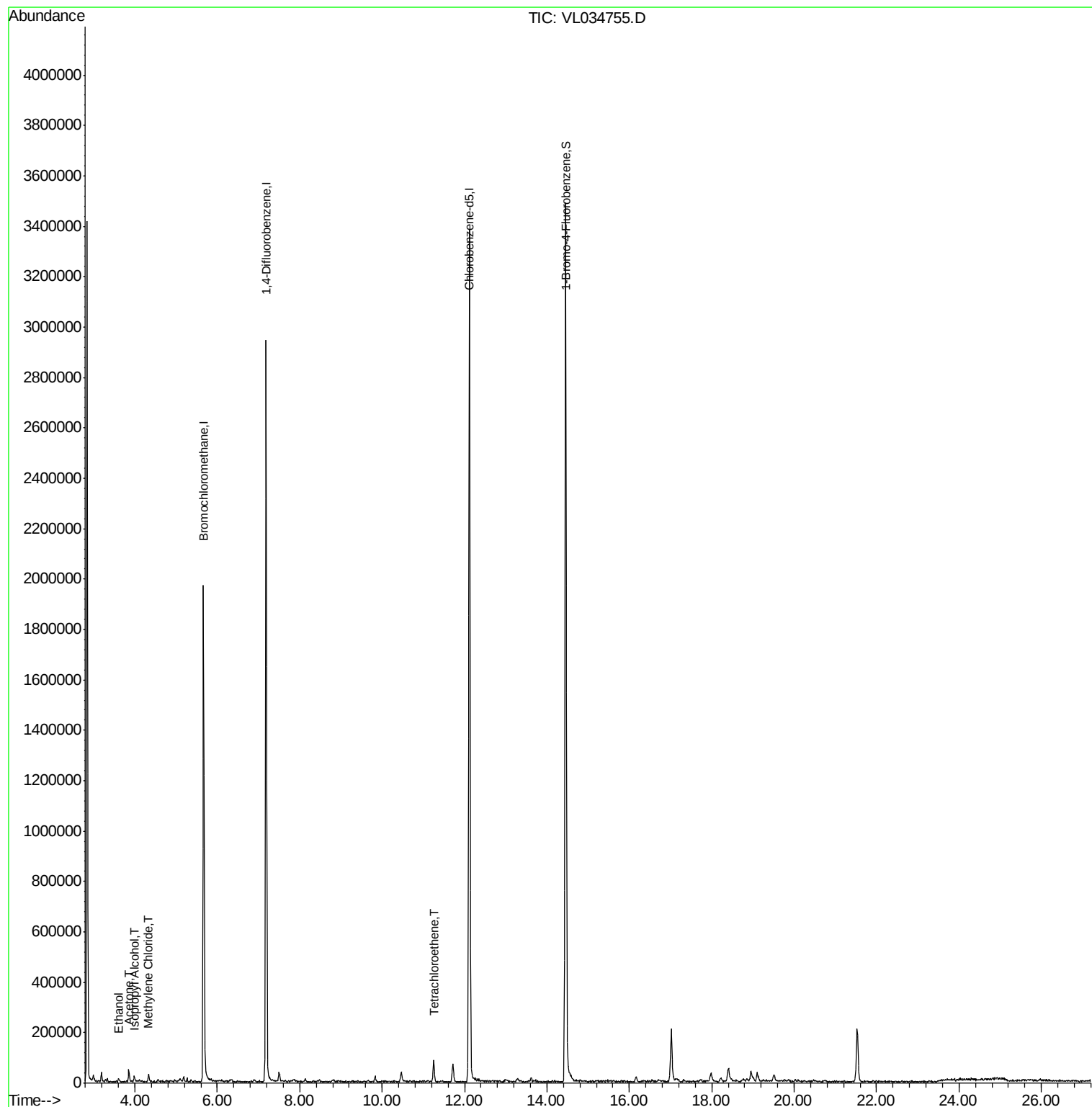
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL022820\
Data File : VL034755.D
Acq On : 29 Feb 2020 3:05
Operator : SY/AP
Sample : L1698-01DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

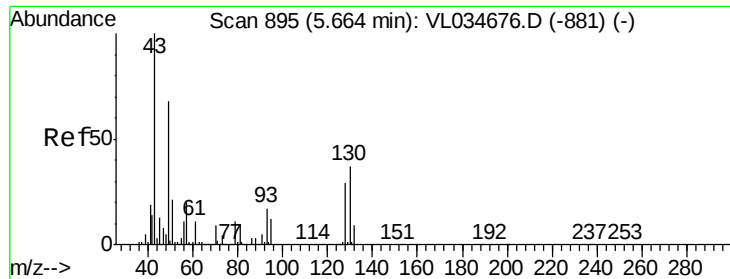
Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL2

Manual Integrations
APPROVED

MMDadoda
3/2/2020 1:02:20 PM

Quant Time: Mar 02 08:42:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration





#1

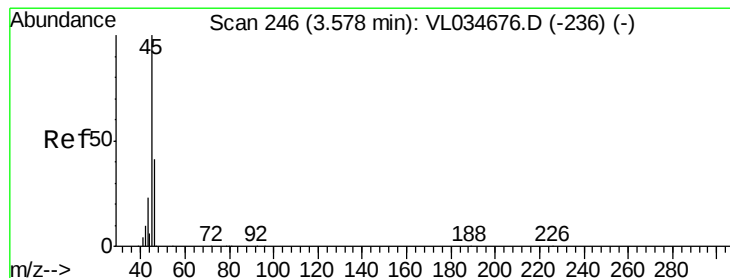
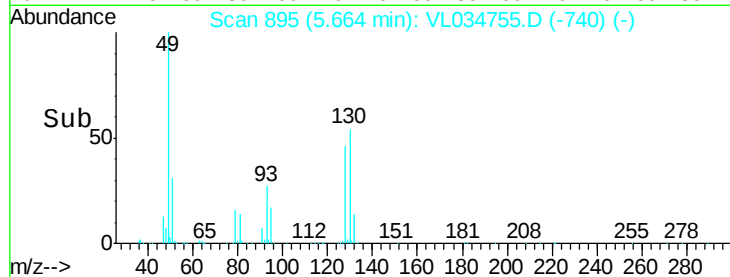
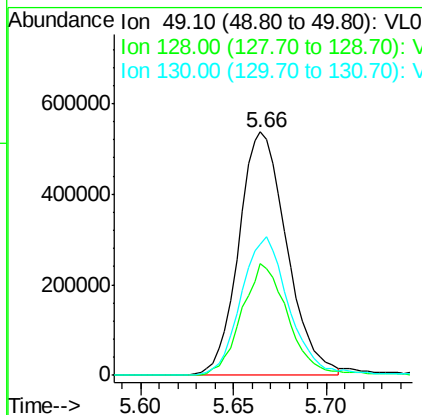
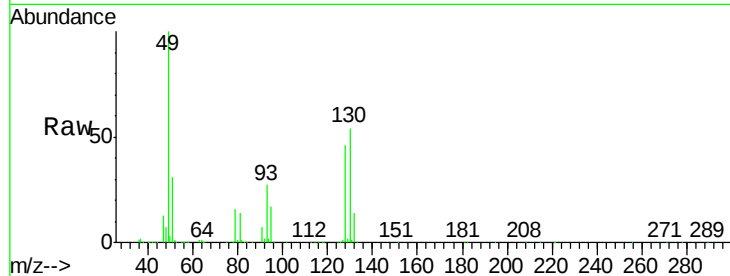
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VL034755.D
 Acq: 29 Feb 2020 3:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	45.3	21.6	65.0
130	57.9	27.7	83.1

Manual Integrations
 APPROVED

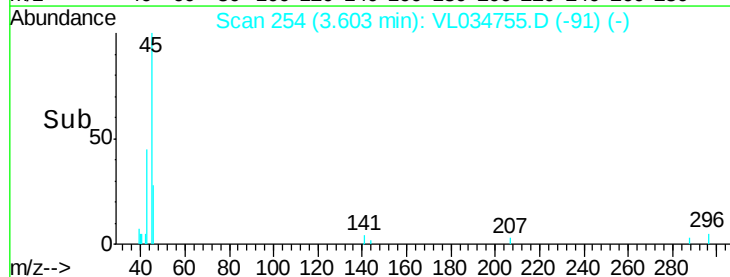
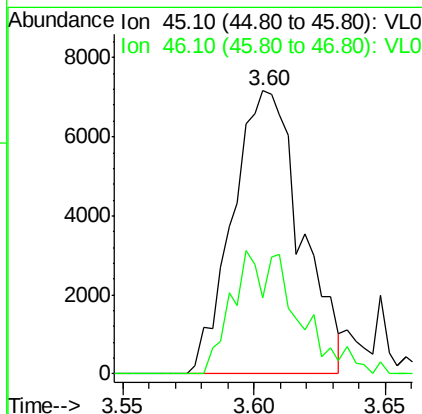
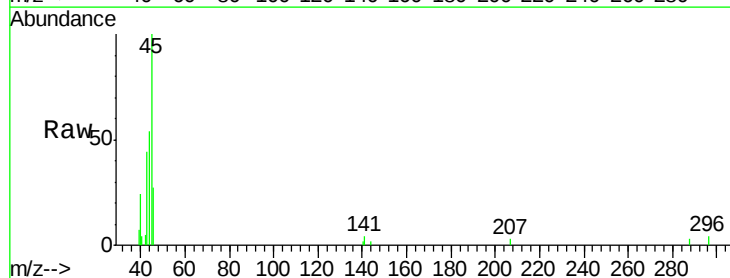
MMDadoda
 3/2/2020 1:02:20 PM

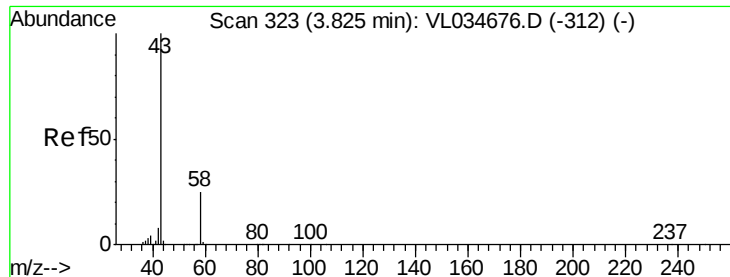


#13

Ethanol
 Concen: 0.951 ppbv m
 RT: 3.60 min Scan# 254
 Delta R.T. 0.03 min
 Lab File: VL034755.D
 Acq: 29 Feb 2020 3:05

Tgt Ion	Ratio	Lower	Upper
45	100		
46	42.5	15.4	61.4





#15

Acetone

Concen: 0.365 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL034755.D

Acq: 29 Feb 2020 3:05

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4DL2

Tot Ion: 43 Resp: 39995

Ion Ratio Lower Upper

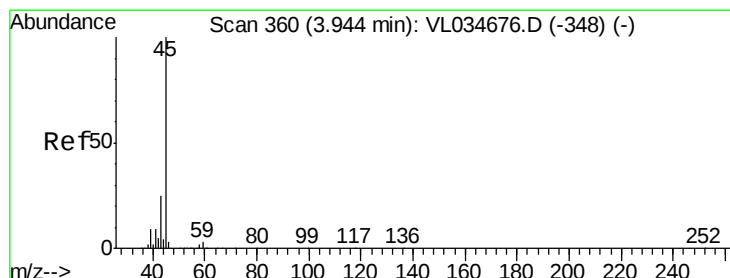
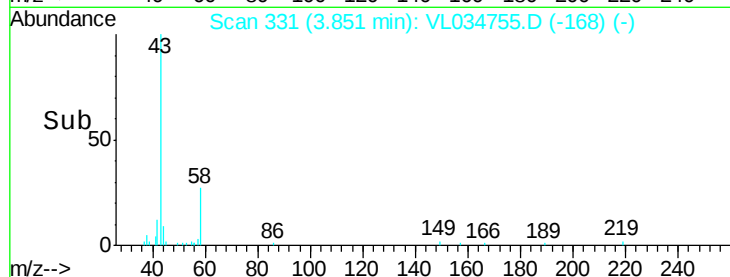
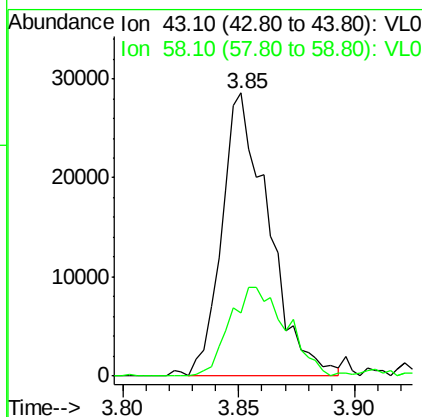
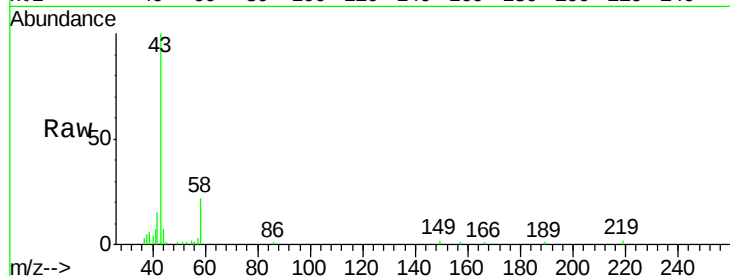
43 100

58 39.8 21.4 32.0#

Manual Integrations
APPROVED

MMDadoda

3/2/2020 1:02:20 PM



#19

Isopropyl Alcohol

Concen: 0.265 ppbv m

RT: 3.98 min Scan# 371

Delta R.T. 0.04 min

Lab File: VL034755.D

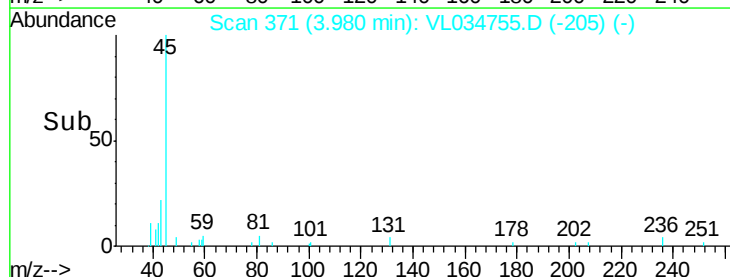
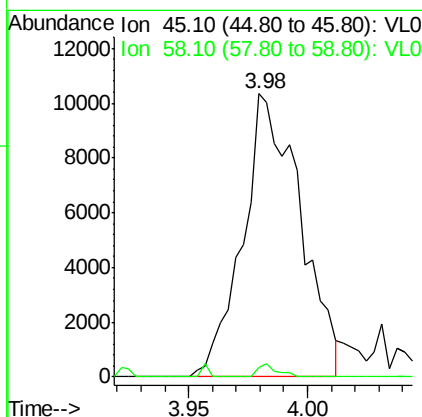
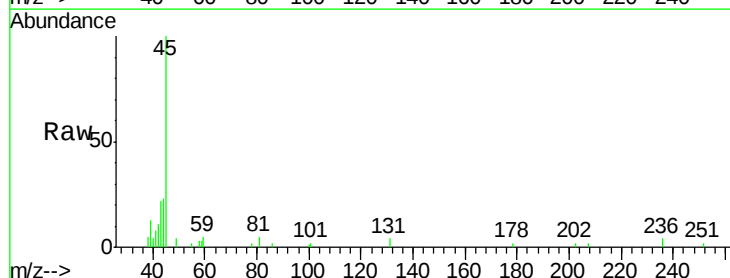
Acq: 29 Feb 2020 3:05

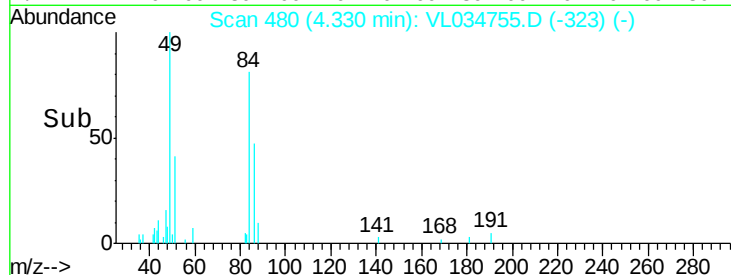
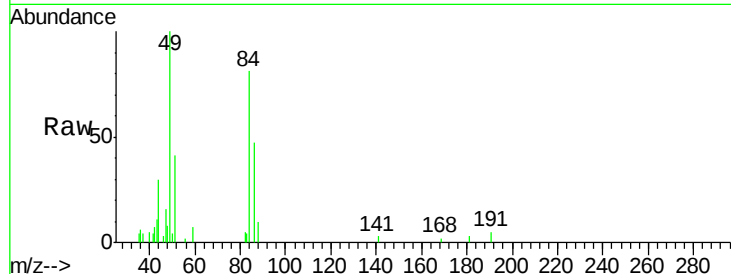
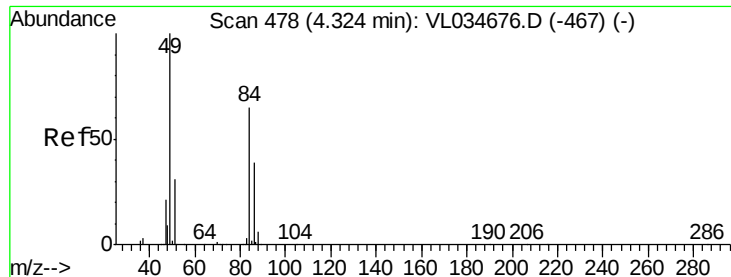
Tgt Ion: 45 Resp: 17298

Ion Ratio Lower Upper

45 100

58 3.8 1.8 2.6#





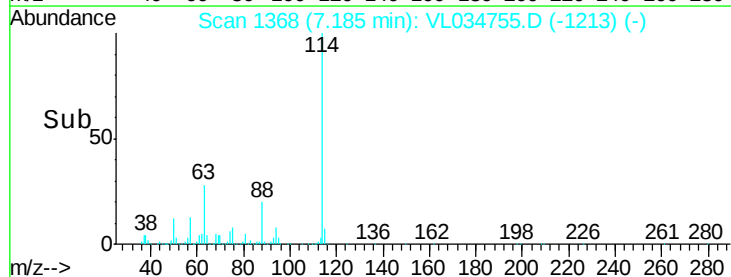
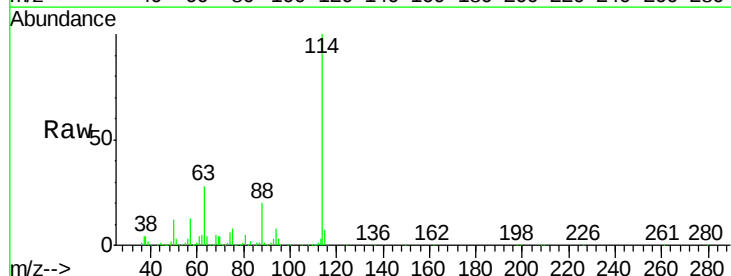
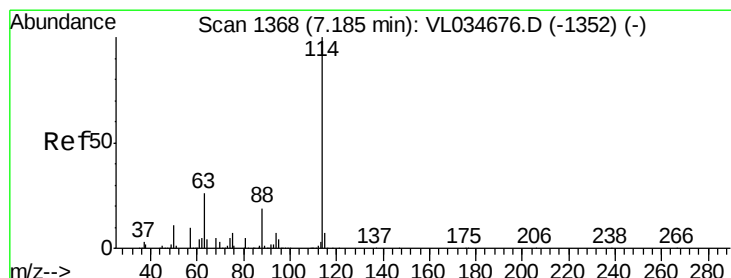
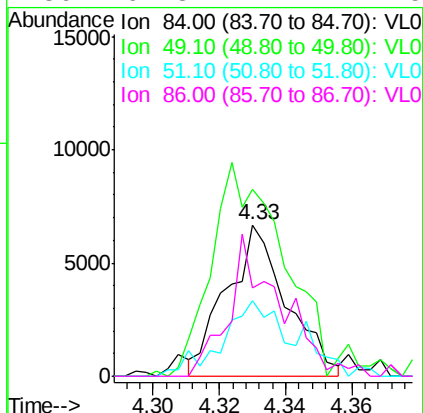
#20
Methvlene Chloride
Concen: 0.207 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.01 min
Lab File: VL034755.D
Acq: 29 Feb 2020 3:05

Tot Ion:	84	Resp:	8433
Ion	Ratio	Lower	Upper
84	100		
49	126.1	122.8	184.2
51	42.6	38.6	58.0
86	62.3	47.7	71.5

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL2

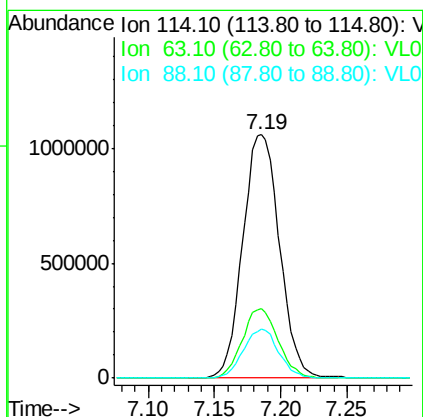
Manual Integrations
APPROVED

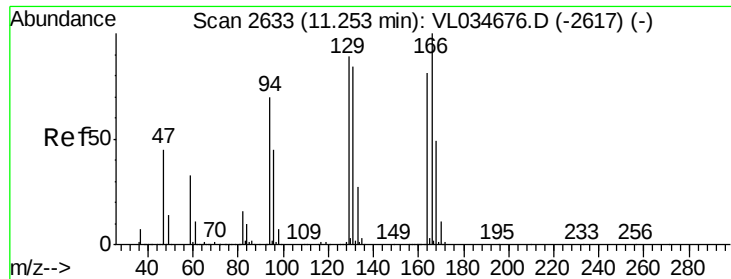
MMDadoda
3/2/2020 1:02:20 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VL034755.D
Acq: 29 Feb 2020 3:05

Tgt Ion:	114	Resp:	2035838
Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.9	34.3
88	19.5	15.8	23.6





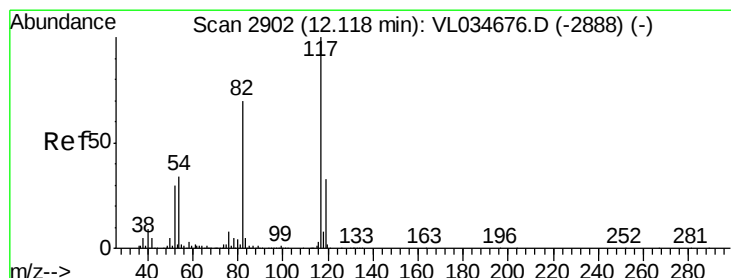
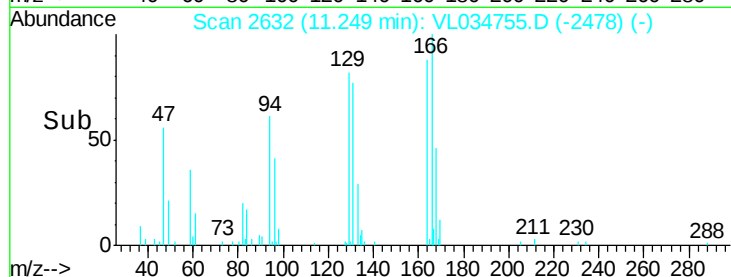
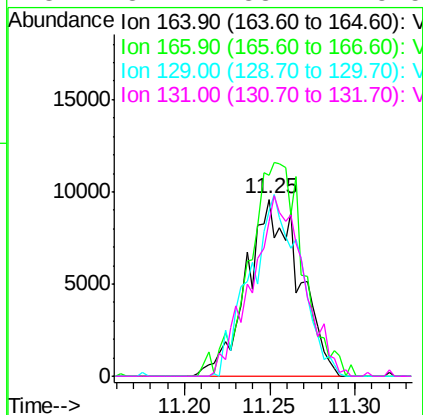
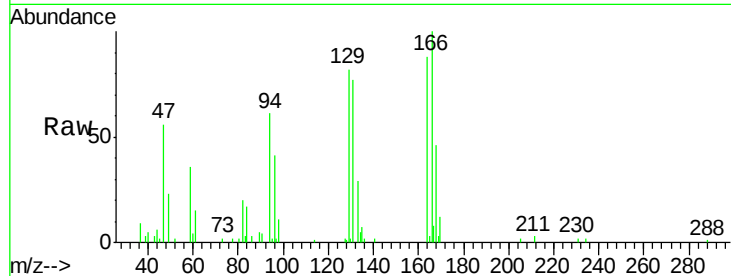
#52
Tetrachloroethene
Concen: 0.318 ppbv m
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034755.D
Acq: 29 Feb 2020 3:05

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4DL2

Tot Ion	Ratio	Lower	Upper
164	100		
166	113.4	99.2	148.8
129	93.2	88.0	132.0
131	87.4	83.7	125.5

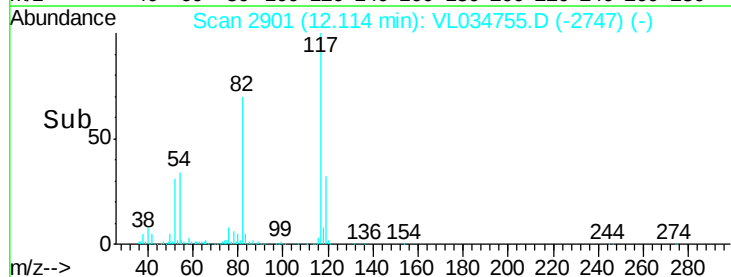
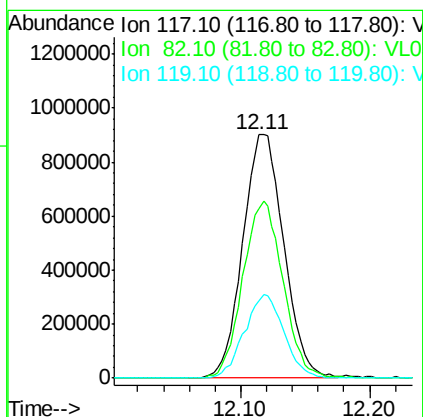
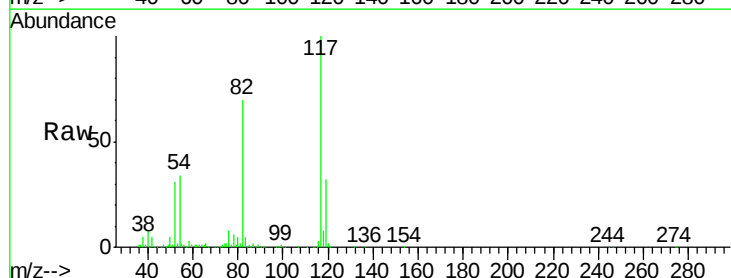
Manual Integrations
APPROVED

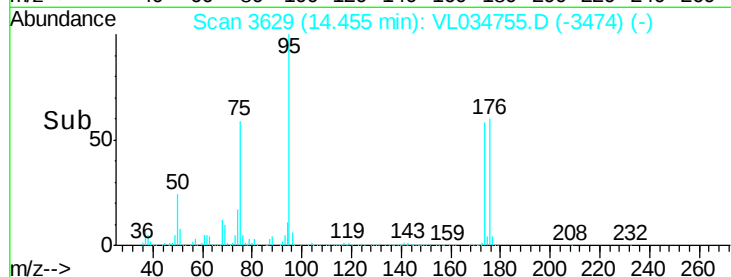
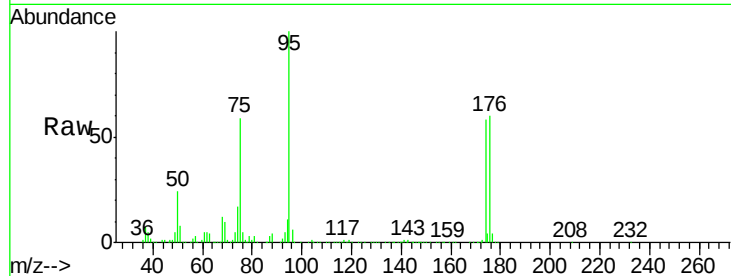
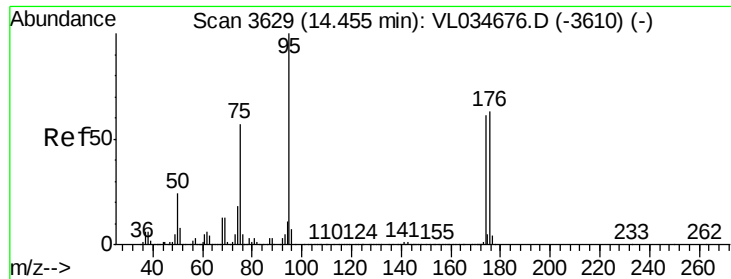
MMDadoda
3/2/2020 1:02:20 PM



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034755.D
Acq: 29 Feb 2020 3:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.4	54.1	81.1
119	33.4	27.6	41.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.339 ppbv

RT: 14.46 min Scan# 3629

Delta R.T. -0.00 min

Lab File: VL034755.D

Acq: 29 Feb 2020 3:05

Tot Ion: 95 Resp: 1695051

Ion Ratio Lower Upper

95 100

174 63.7 50.7 76.1

175 4.6 3.9 5.9

Instrument :

MSVOA_L

ClientSampleId :

SS-8-4DL2

Manual Integrations
APPROVED

MMDadoda
3/2/2020 1:02:20 PM

