

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035973.D
 Acq On : 18 Nov 2020 14:58
 Operator : SY/AP
 Sample : L4773-02DL2 100X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL2

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:27:19 PM

Quant Time: Nov 19 12:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1064369	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	3867359	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3748914	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2785858	10.46	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%
Target Compounds						
38) Trichloroethene	7.79	130	37583m	0.268	ppbv	Ovalue
52) Tetrachloroethene	11.19	164	1427630	10.481	ppbv	98

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

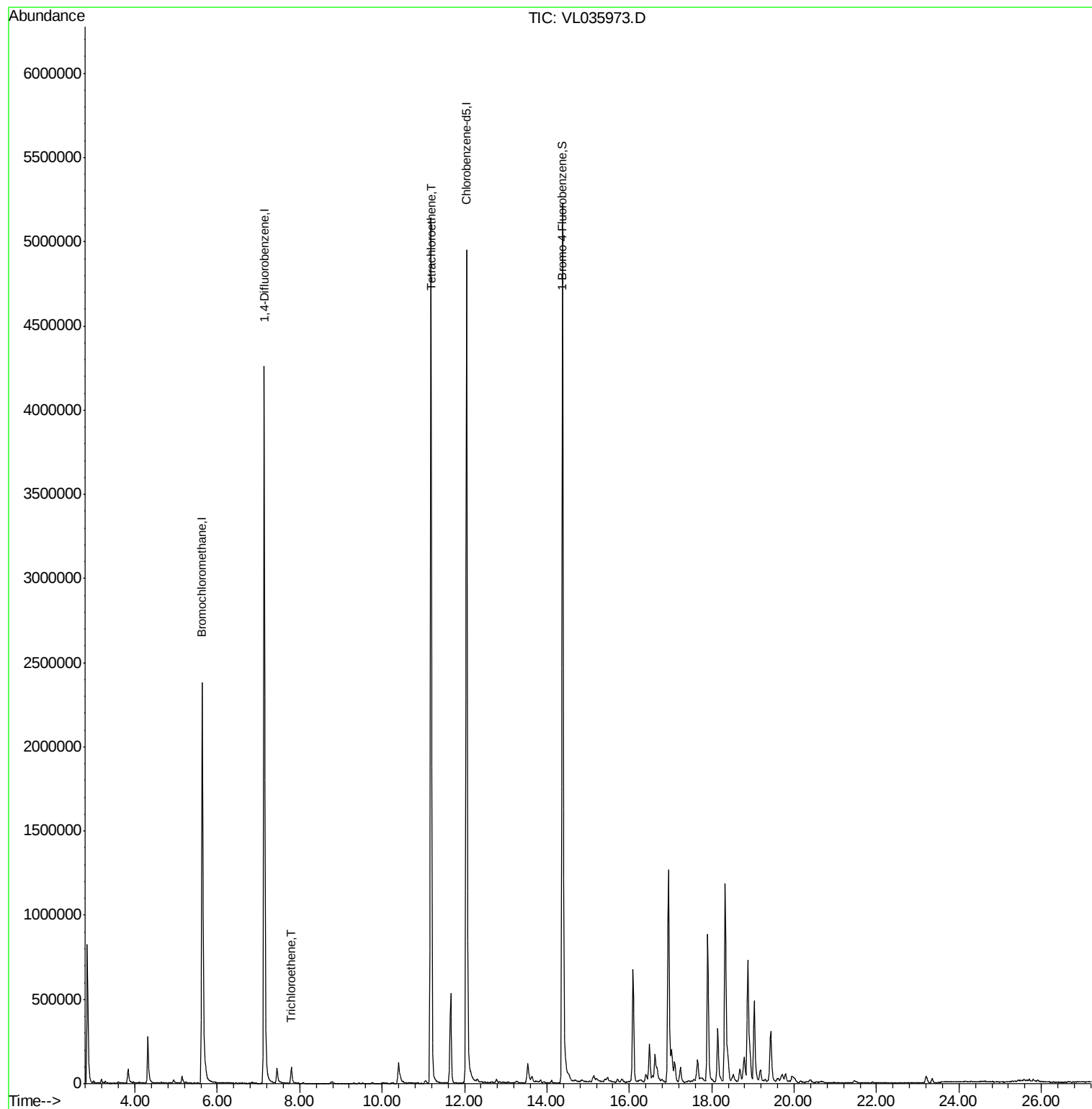
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111820\
Data File : VL035973.D
Acq On : 18 Nov 2020 14:58
Operator : SY/AP
Sample : L4773-02DL2 100X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

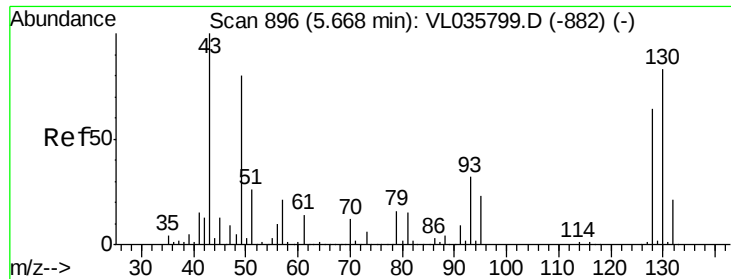
Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:27:19 PM

Quant Time: Nov 19 12:35:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.04 min

Lab File: VL035973.D

Acq: 18 Nov 2020 14:58

Instrument :

MSVOA_L

ClientSampleId :

SV2DL2

Tot Ion: 49 Resp: 1064369

Ion Ratio Lower Upper

49 100

128 79.6 41.5 124.6

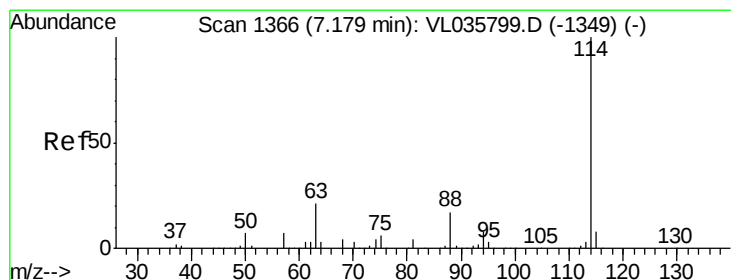
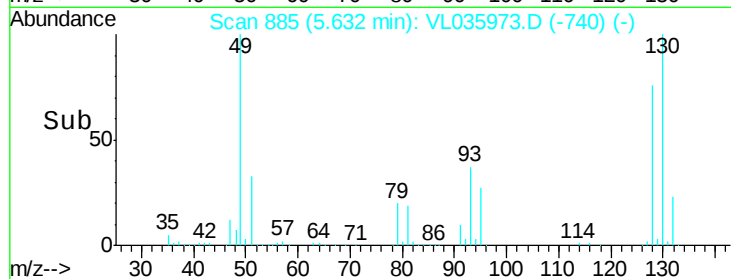
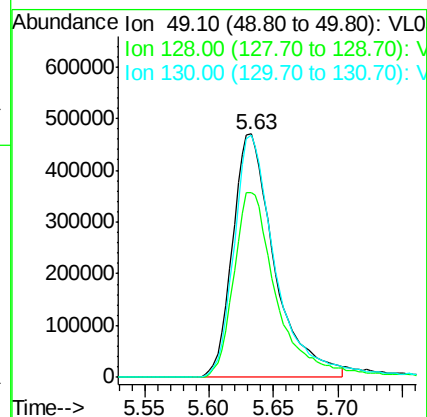
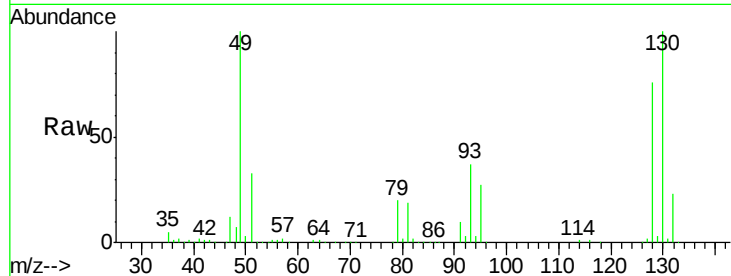
130 101.3 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:27:19 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.04 min

Lab File: VL035973.D

Acq: 18 Nov 2020 14:58

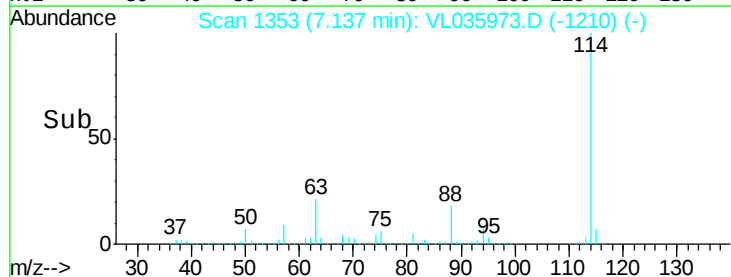
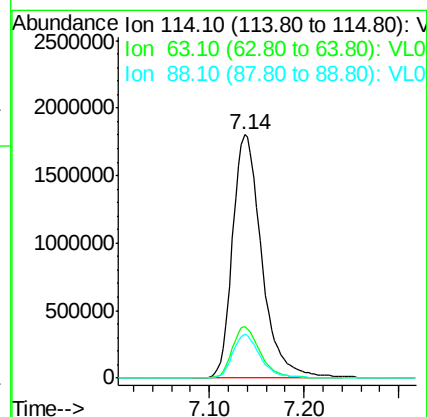
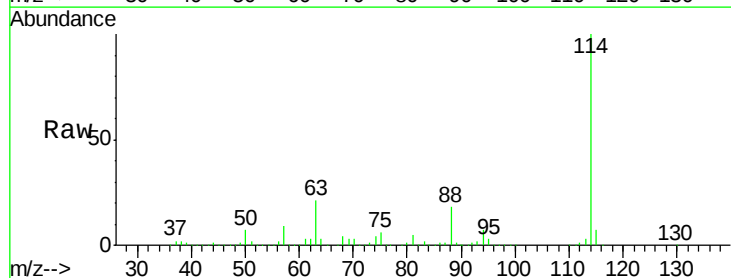
Tgt Ion: 114 Resp: 3867359

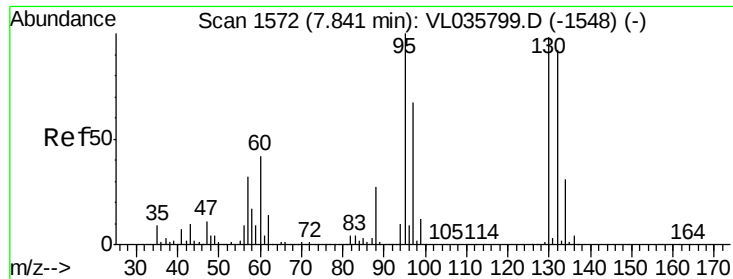
Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

88 17.2 13.7 20.5





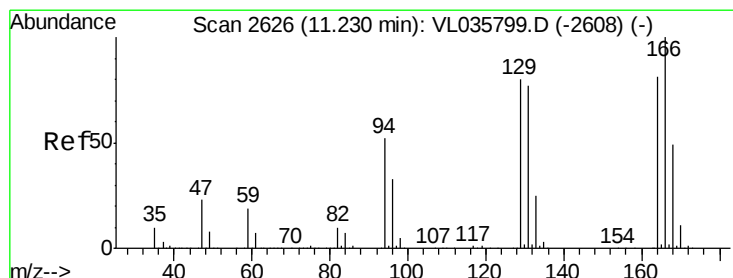
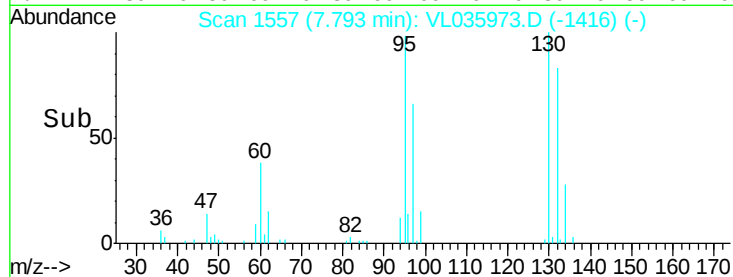
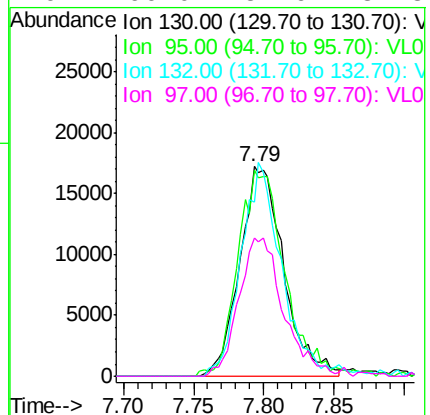
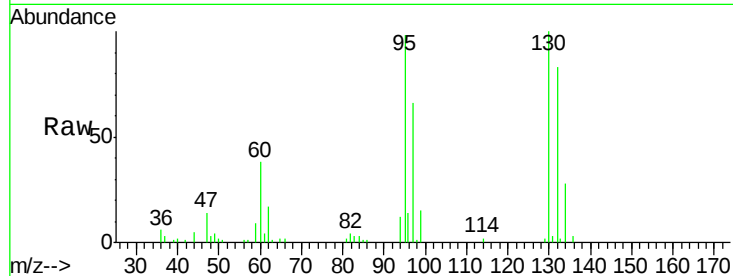
#38
 Trichloroethene
 Concen: 0.268 ppbv m
 RT: 7.79 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VL035973.D
 Acq: 18 Nov 2020 14:58

Instrument :
 MSVOA_L
 ClientSampled :
 SV2DL2

Tot Ion:	130	Resp:	37583
Ion Ratio	Lower	Upper	
130	100		
95	98.4	81.6	122.4
132	83.0	75.1	112.7
97	66.0	54.6	81.8

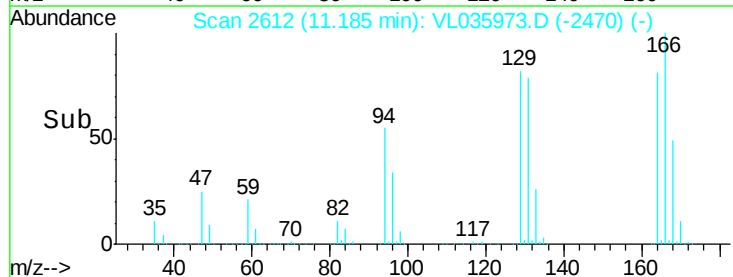
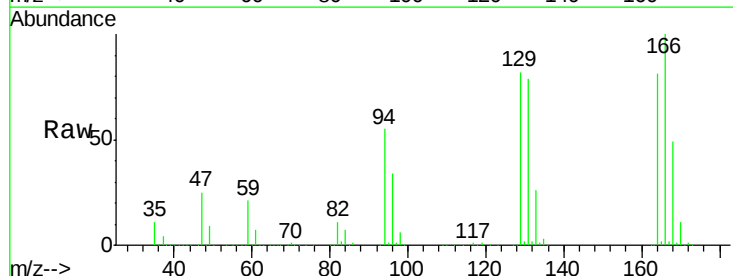
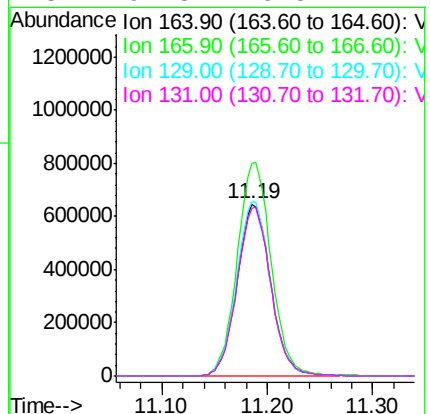
Manual Integrations
 APPROVED

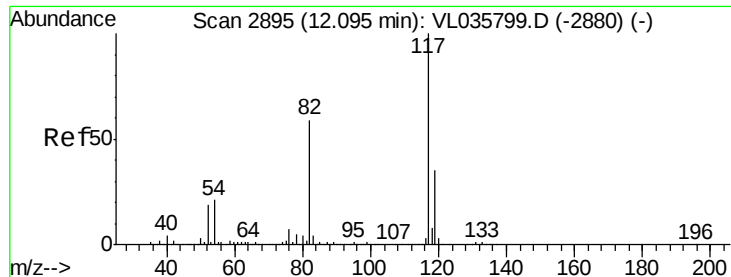
MMDadoda
 11/20/2020 12:27:19 PM



#52
 Tetrachloroethene
 Concen: 10.481 ppbv
 RT: 11.19 min Scan# 2612
 Delta R.T. -0.04 min
 Lab File: VL035973.D
 Acq: 18 Nov 2020 14:58

Tgt Ion:	164	Resp:	1427630
Ion Ratio	Lower	Upper	
164	100		
166	123.7	99.3	148.9
129	101.4	79.3	118.9
131	97.8	76.5	114.7





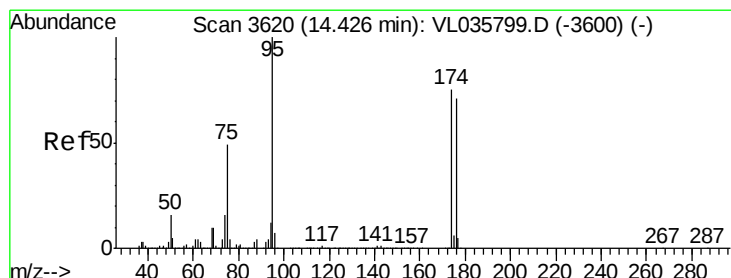
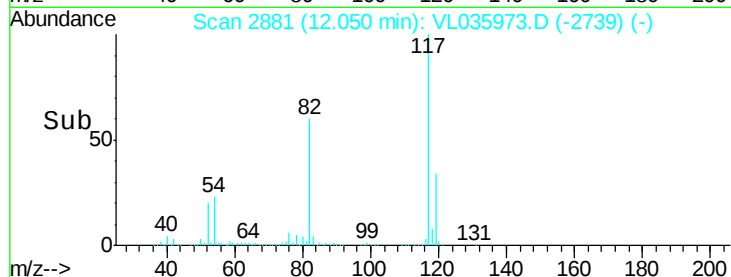
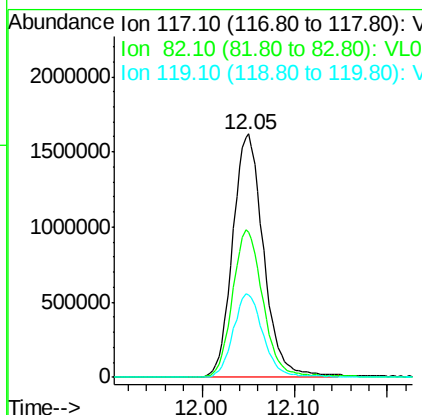
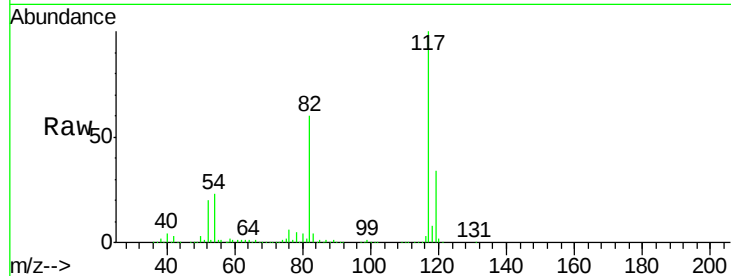
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL035973.D
Acq: 18 Nov 2020 14:58

Instrument :
MSVOA_L
ClientSampleId :
SV2DL2

Tot Ion:117 Resp: 3748914
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 33.9 52.6 78.8#

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:27:19 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.459 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.04 min
Lab File: VL035973.D
Acq: 18 Nov 2020 14:58

Tgt Ion: 95 Resp: 2785858
Ion Ratio Lower Upper
95 100
174 71.1 59.8 89.6
175 5.1 4.3 6.5

