

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036510.D
 Acq On : 26 Mar 2021 12:15
 Operator : SY/AP
 Sample : M1748-38DL2 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-6(2021)DL2

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:38:37 PM

Quant Time: Mar 27 23:04:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 27 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1500685	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3426821	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3013741	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2353249	9.80	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%
Target Compounds						
13) Ethanol	3.64	45	52874m	4.967	ppbv	Ovalue
38) Trichloroethene	7.86	130	1393752	11.332	ppbv	98

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

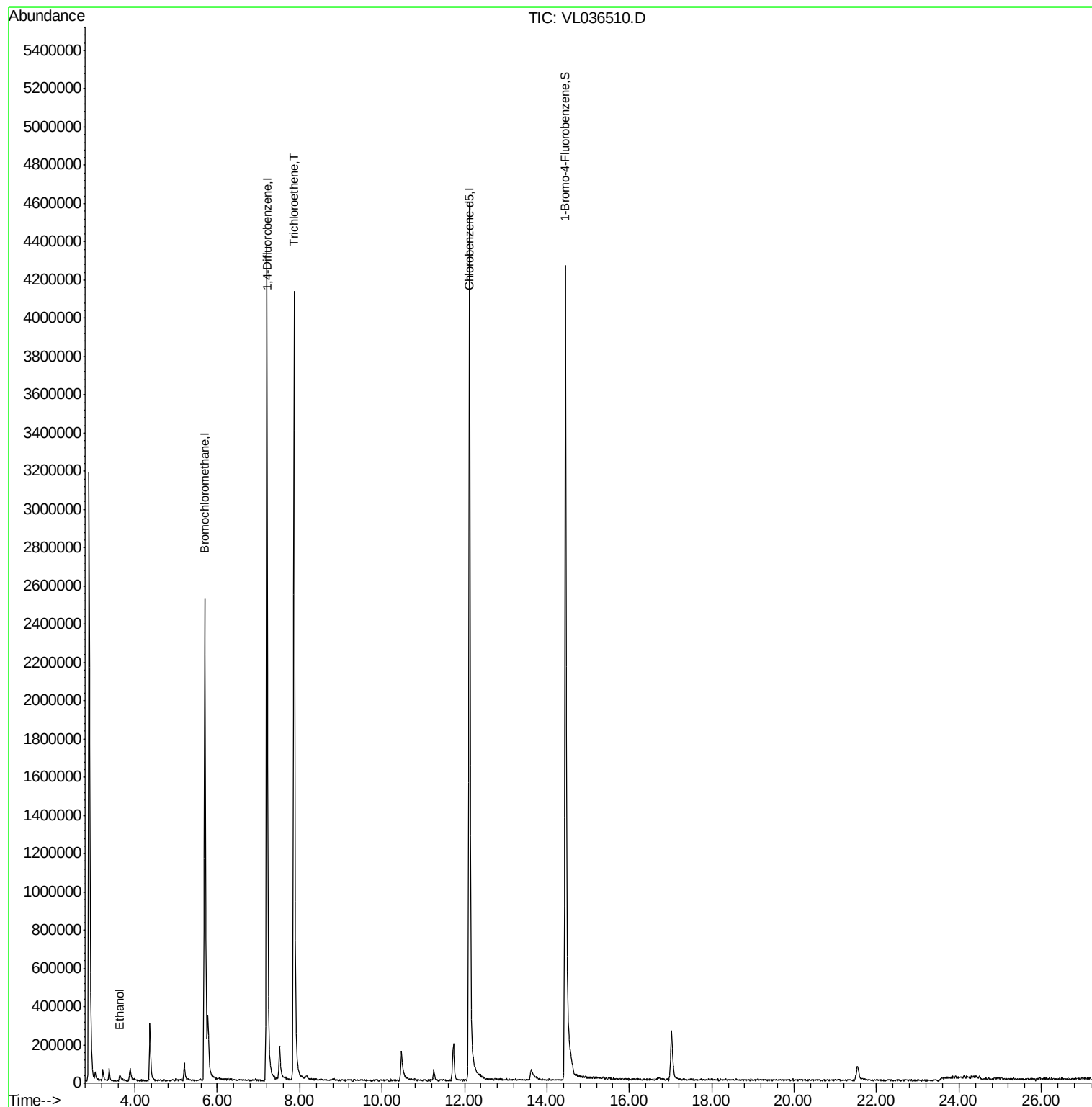
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036510.D
Acq On : 26 Mar 2021 12:15
Operator : SY/AP
Sample : M1748-38DL2 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

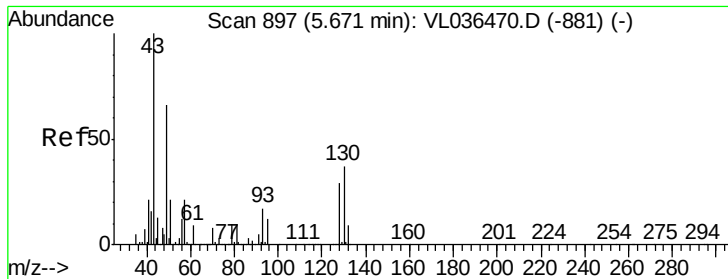
Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL2

Manual Integrations
APPROVED

MMDadoda
3/29/2021 4:38:37 PM

Quant Time: Mar 27 23:04:33 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





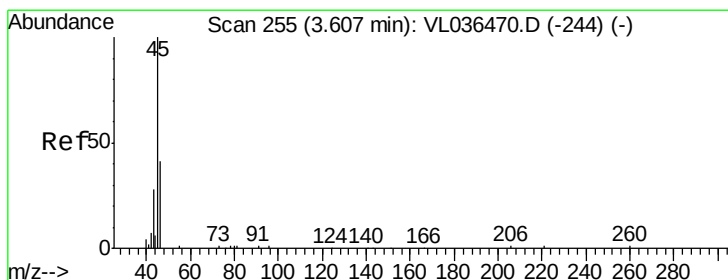
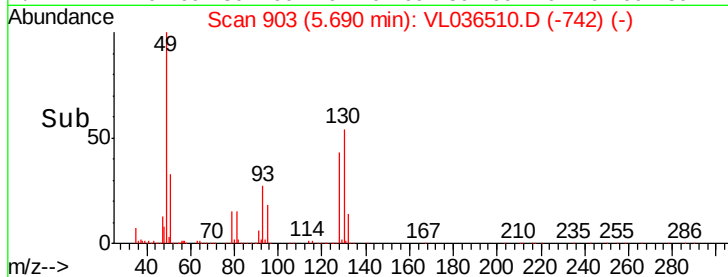
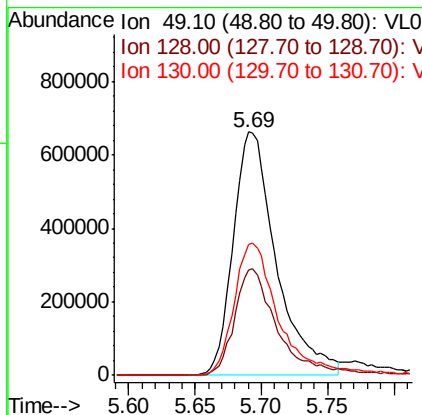
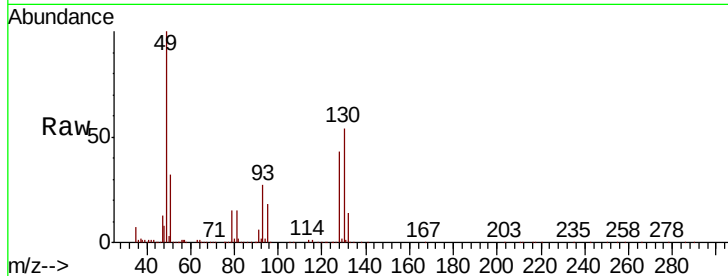
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL036510.D
Acq: 26 Mar 2021 12:15

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL2

Tot Ion: 49 Resp: 1500685
Ion Ratio Lower Upper
49 100
128 44.8 23.5 70.6
130 57.9 29.1 87.4

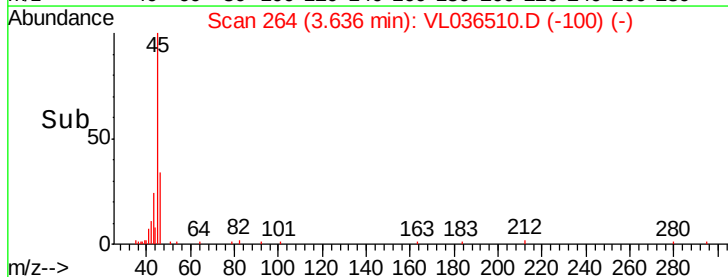
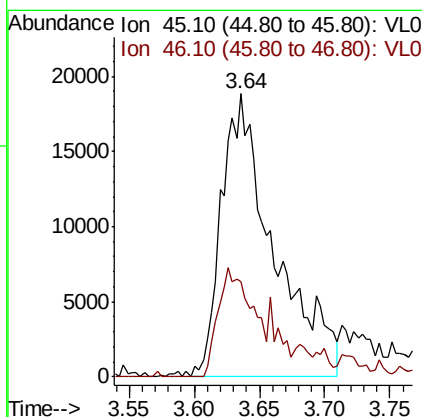
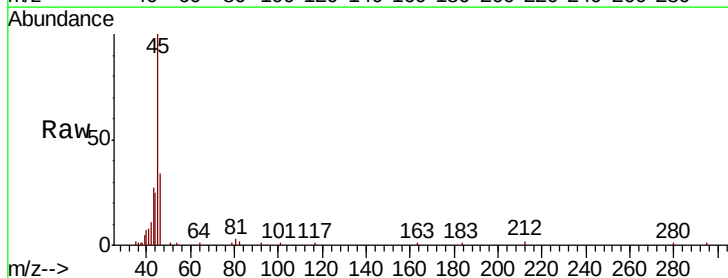
Manual Integrations
APPROVED

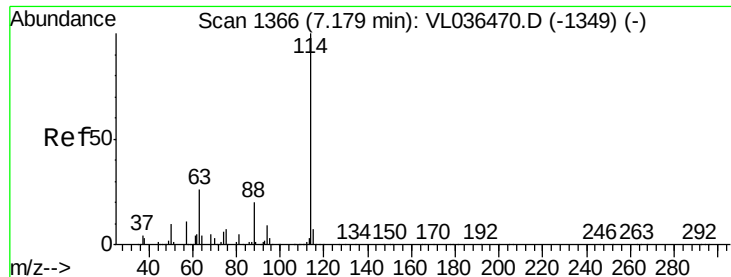
MMDadoda
3/29/2021 4:38:37 PM



#13
Ethanol
Concen: 4.967 ppbv m
RT: 3.64 min Scan# 264
Delta R.T. 0.03 min
Lab File: VL036510.D
Acq: 26 Mar 2021 12:15

Tgt Ion: 45 Resp: 52874
Ion Ratio Lower Upper
45 100
46 43.1 16.6 66.2





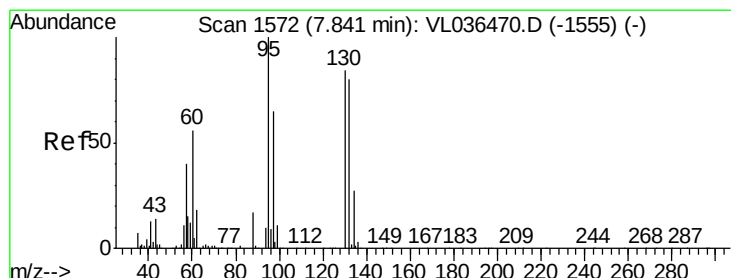
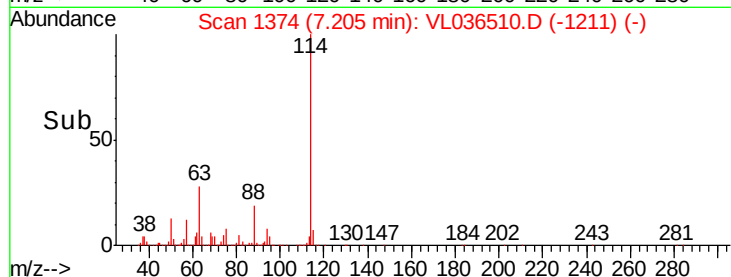
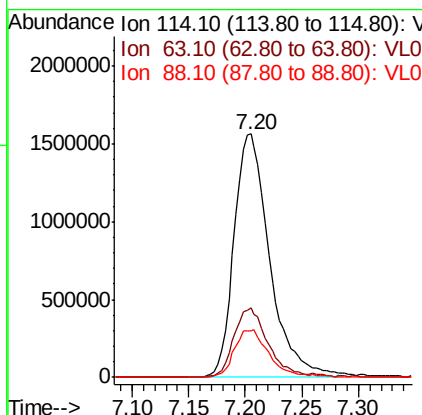
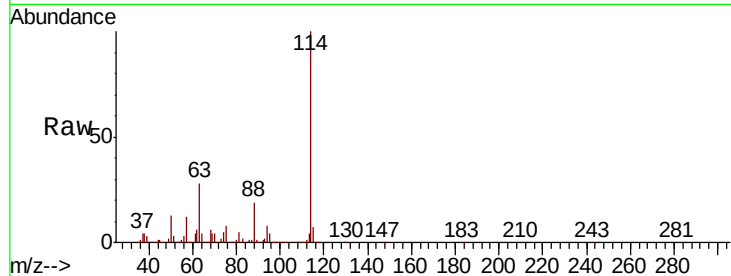
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.03 min
 Lab File: VL036510.D
 Acq: 26 Mar 2021 12:15

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-6(2021)DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.4	33.6
88	19.5	15.4	23.0

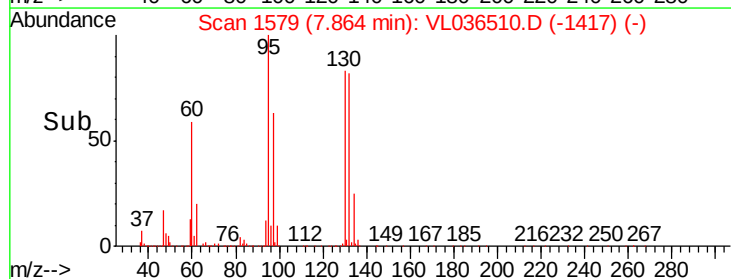
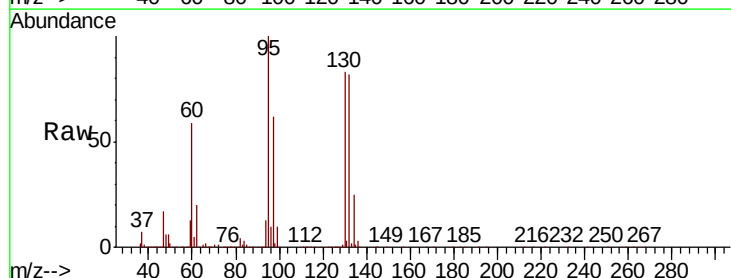
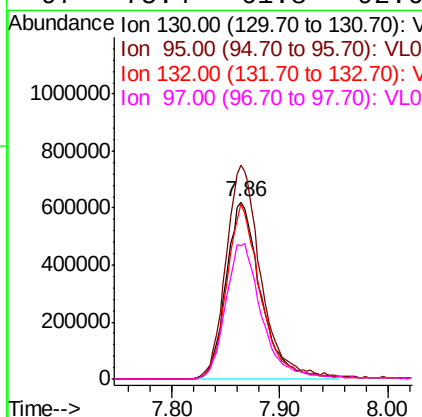
Manual Integrations
 APPROVED

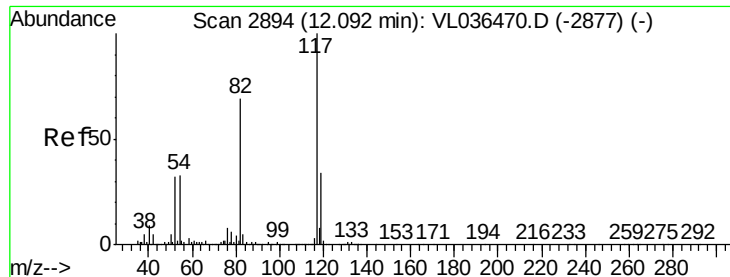
MMDadoda
 3/29/2021 4:38:37 PM



#38
 Trichloroethene
 Concen: 11.332 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.02 min
 Lab File: VL036510.D
 Acq: 26 Mar 2021 12:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	120.8	95.7	143.5
132	99.0	76.2	114.4
97	75.4	61.8	92.6





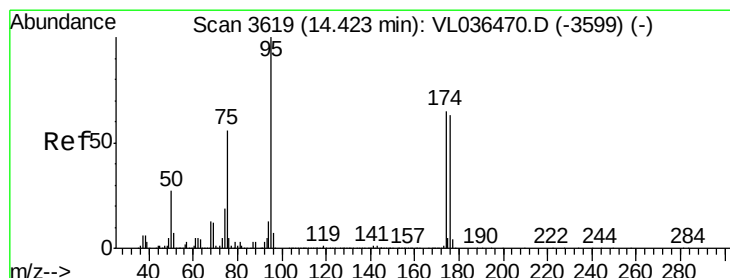
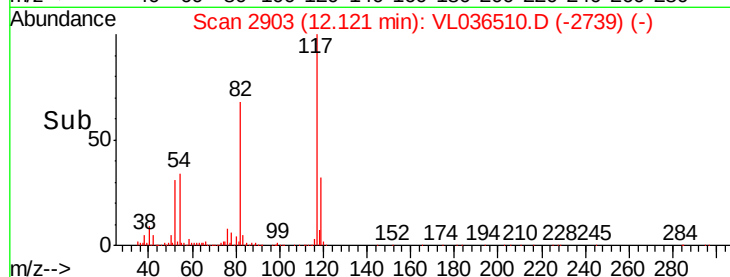
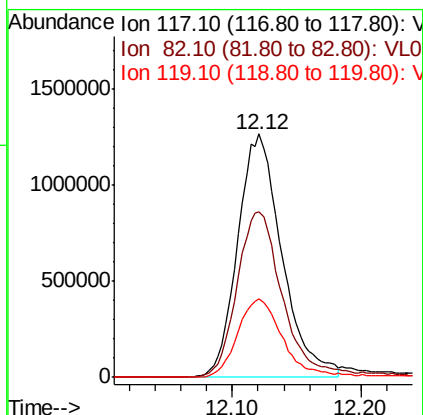
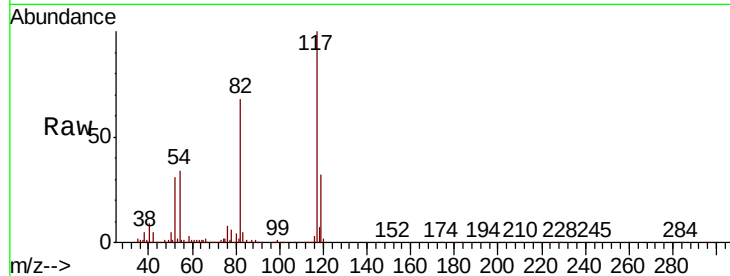
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.03 min
Lab File: VL036510.D
Acq: 26 Mar 2021 12:15

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.2	57.4	86.0
119	34.1	47.4	71.0#

Manual Integrations
APPROVED

MMDadoda
3/29/2021 4:38:37 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.797 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036510.D
Acq: 26 Mar 2021 12:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.3	51.0	76.6
175	5.1	3.9	5.9

