

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092321\
 Data File : VL037663.D
 Acq On : 23 Sep 2021 15:24
 Operator : SY/AP
 Sample : CAN 10323
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 24 06:36:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1458866	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4315048	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3676240	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2566918	9.66	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

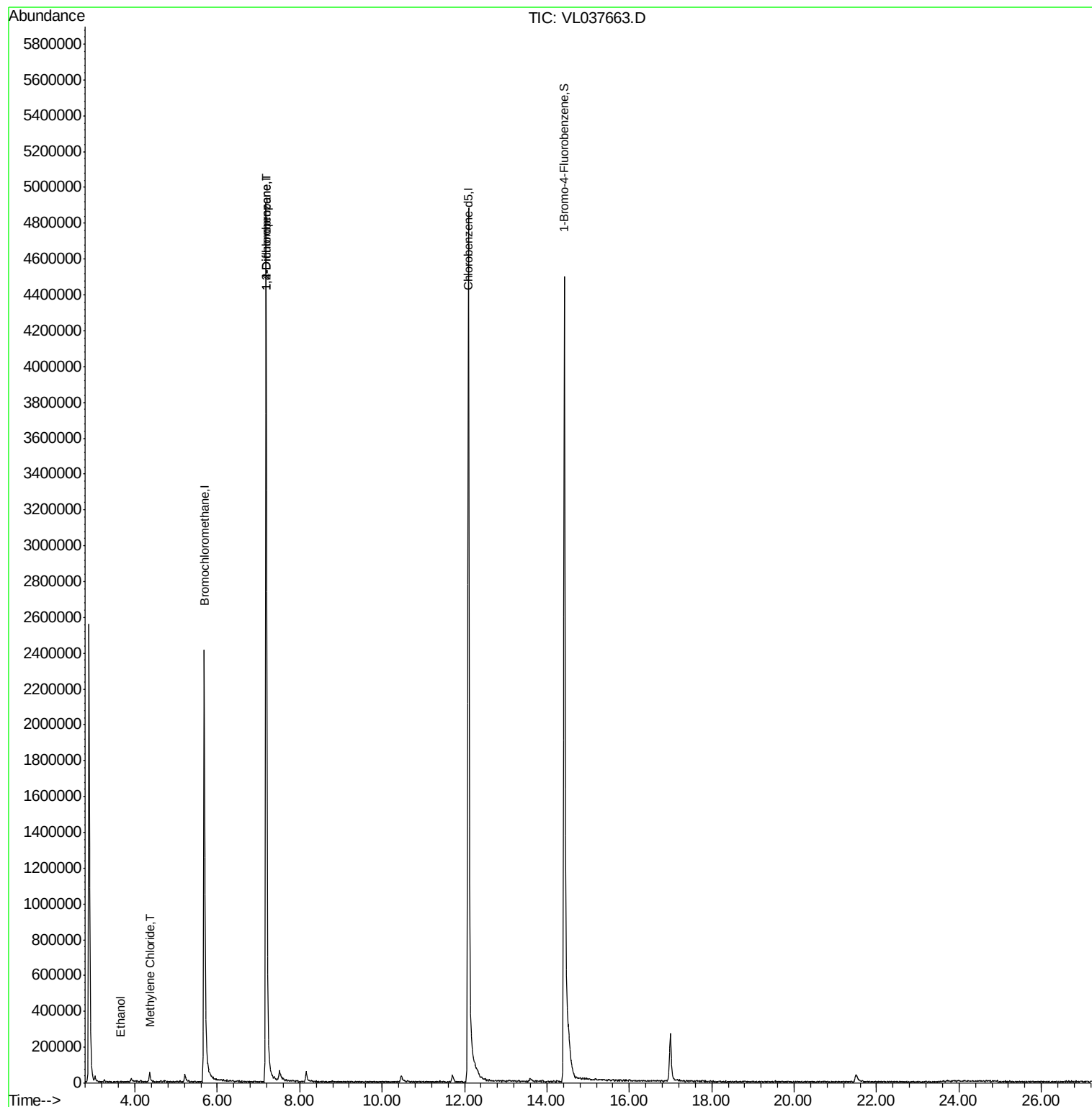
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	288	0.030	ppbv #	20
20) Methylene Chloride	4.35	84	9790	0.135	ppbv #	84
39) 1,2-Dichloropropane	7.19	63	984336	7.142	ppbv #	28

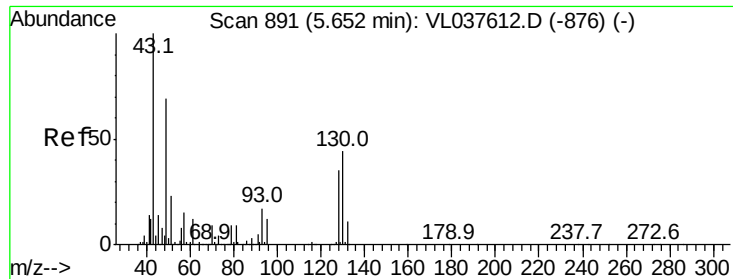
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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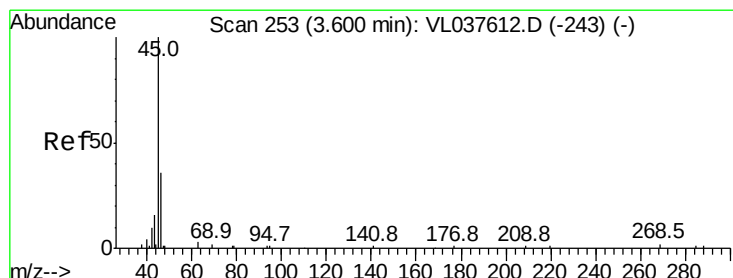
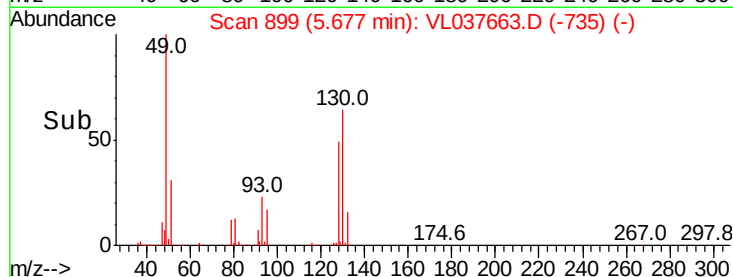
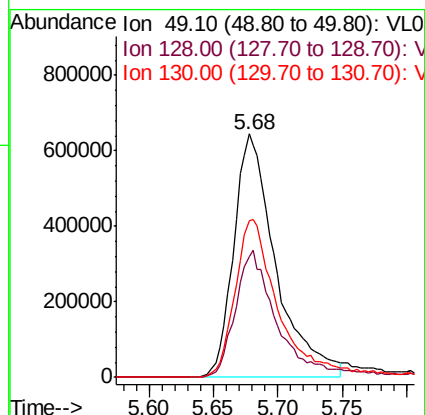
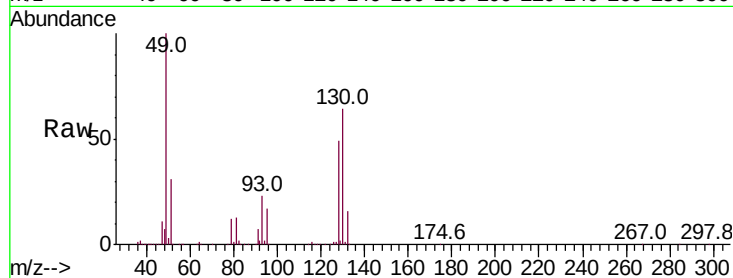




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.03 min
Lab File: VL037663.D
Acq: 23 Sep 2021 15:24

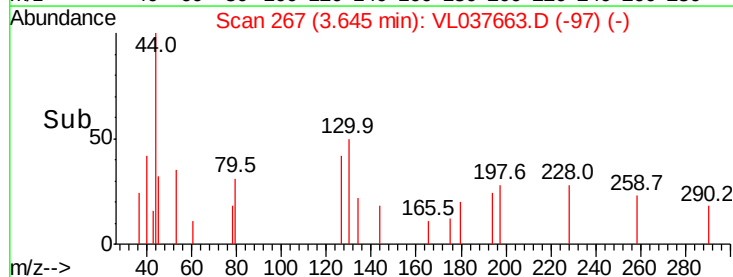
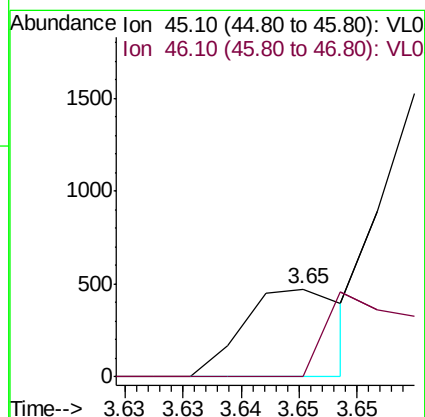
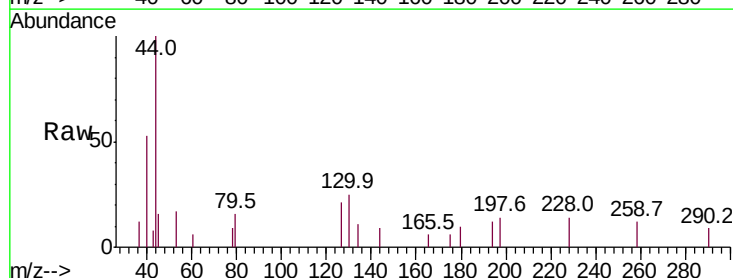
Instrument :
MSVOA_L
ClientSampled :

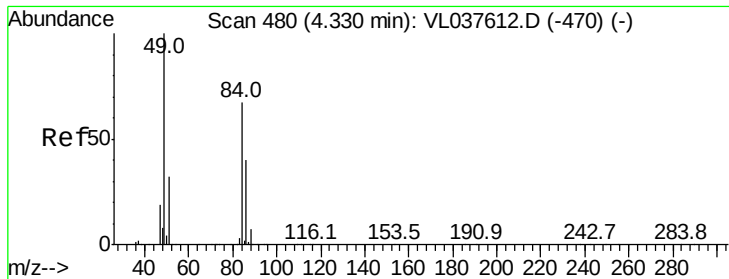
Tot Ion: 49 Resp: 1458866
Ion Ratio Lower Upper
49 100
128 54.6 27.9 83.6
130 70.9 33.9 101.7



#13
Ethanol
Concen: 0.030 ppbv
RT: 3.65 min Scan# 267
Delta R.T. 0.05 min
Lab File: VL037663.D
Acq: 23 Sep 2021 15:24

Tgt Ion: 45 Resp: 288
Ion Ratio Lower Upper
45 100
46 94.4 17.2 68.8#

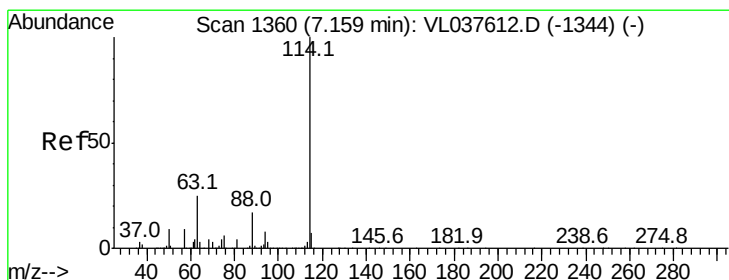
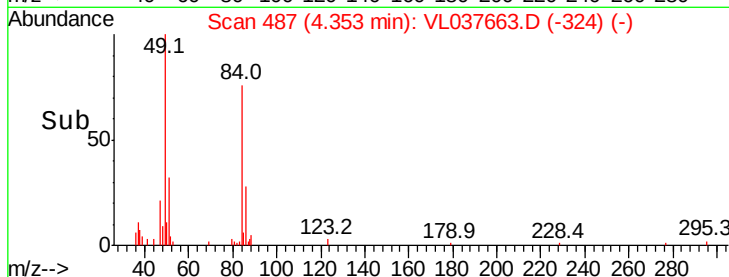
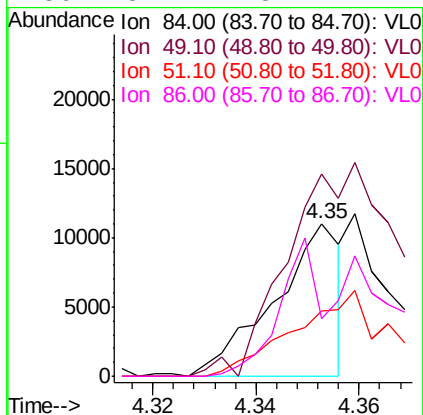
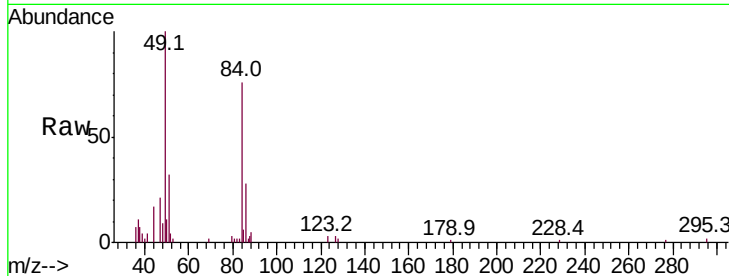




#20
Methylene Chloride
Concen: 0.135 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037663.D
Acq: 23 Sep 2021 15:24

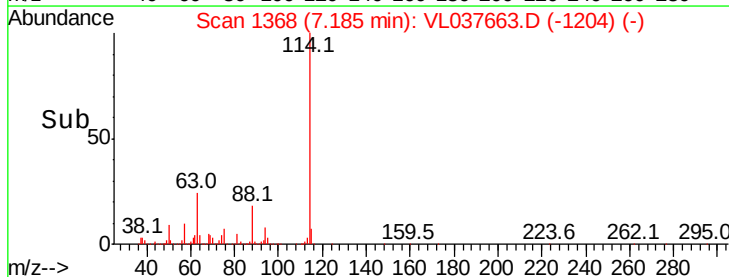
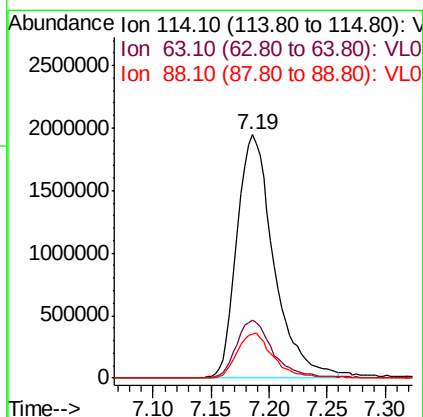
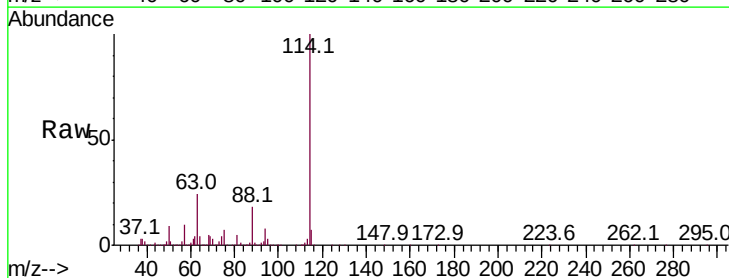
Instrument :
MSVOA_L
ClientSampleId :

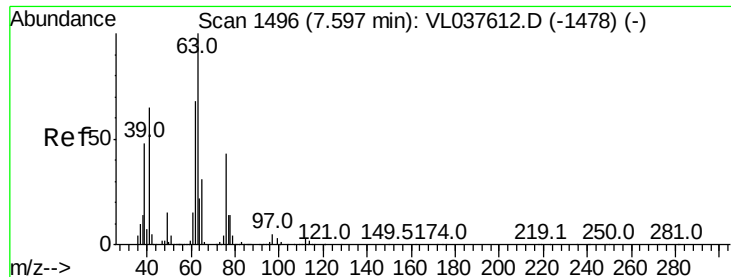
Tot Ion: 84 Resp: 9790
Ion Ratio Lower Upper
84 100
49 132.4 120.0 180.0
51 42.7 38.0 57.0
86 37.7 48.2 72.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.03 min
Lab File: VL037663.D
Acq: 23 Sep 2021 15:24

Tgt Ion: 114 Resp: 4315048
Ion Ratio Lower Upper
114 100
63 24.1 19.6 29.4
88 18.4 14.2 21.4

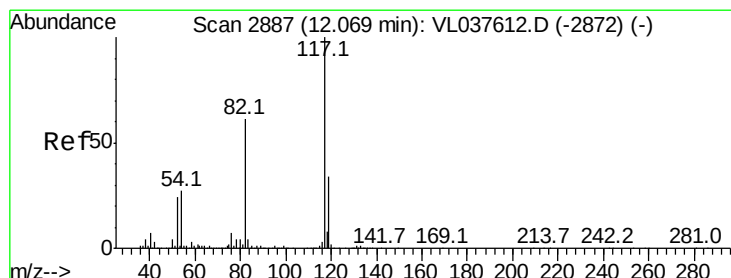
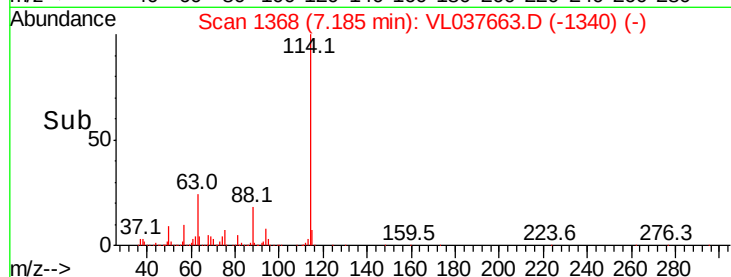
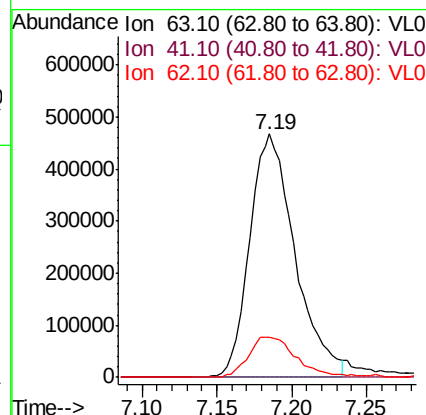
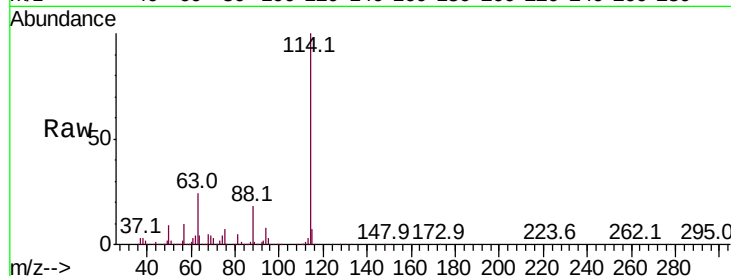




#39
 1,2-Dichloropropane
 Concen: 7.142 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.41 min
 Lab File: VL037663.D
 Acq: 23 Sep 2021 15:24

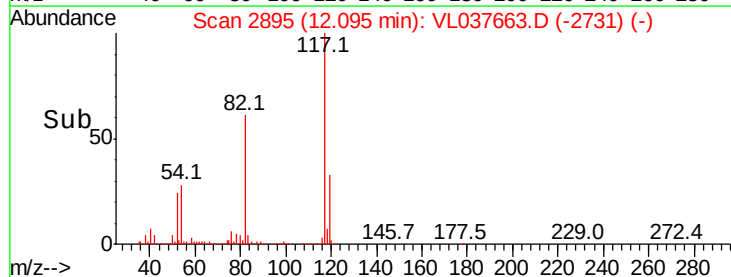
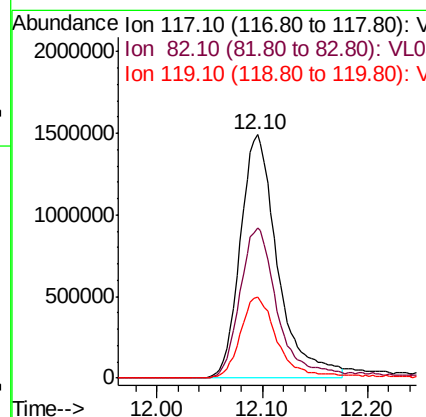
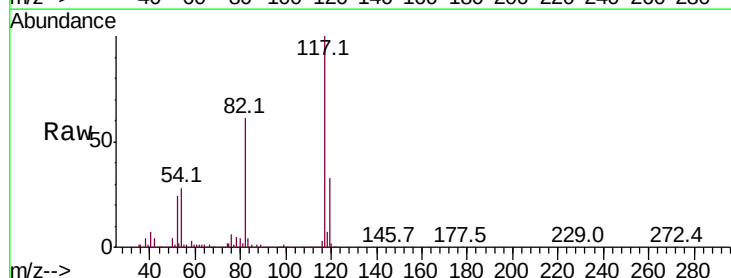
Instrument :
 MSVOA_L
 ClientSampleId :

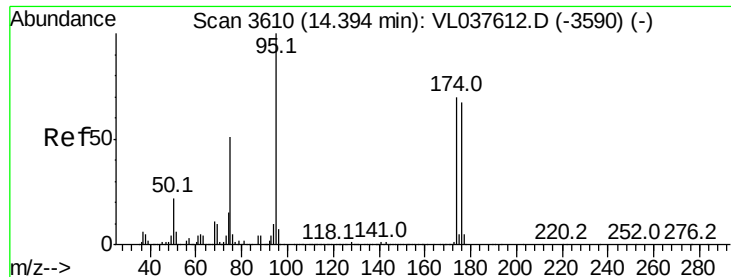
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.3	51.6	77.4#
62	16.6	54.6	81.8#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. 0.03 min
 Lab File: VL037663.D
 Acq: 23 Sep 2021 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.2	50.6	75.8
119	35.7	26.2	39.2





#68

1-Bromo-4-Fluorobenzene

Concen: 9.662 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.03 min

Lab File: VL037663.D

Acq: 23 Sep 2021 15:24

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 95 Resp: 2566918

Ion Ratio Lower Upper

95 100

174 77.3 56.3 84.5

175 5.9 4.4 6.6

