

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035829.D
 Acq On : 4 Nov 2020 10:34
 Operator : SY/AP
 Sample : VL1104ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 05 02:53:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 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	1015770	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4585407	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	4239172	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.38	95	2987888	9.92	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%	

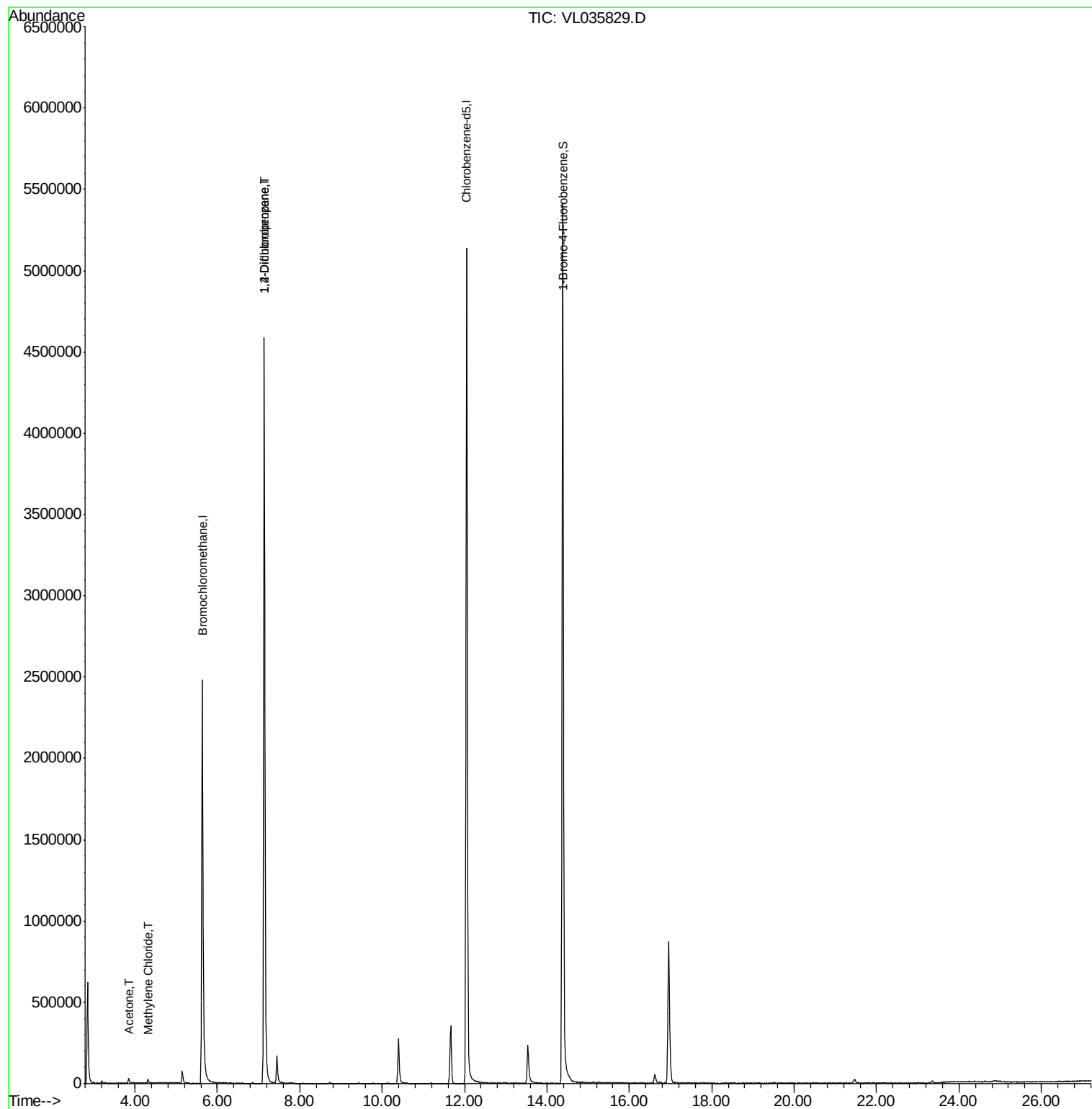
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	22137	0.204	ppbv #	1
20) Methylene Chloride	4.32	84	10558	0.138	ppbv #	82
39) 1,2-Dichloropropane	7.14	63	846894	7.379	ppbv #	30

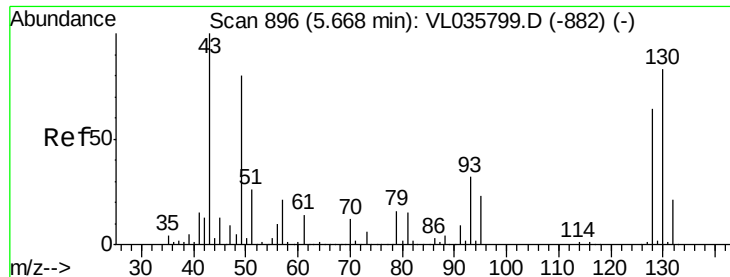
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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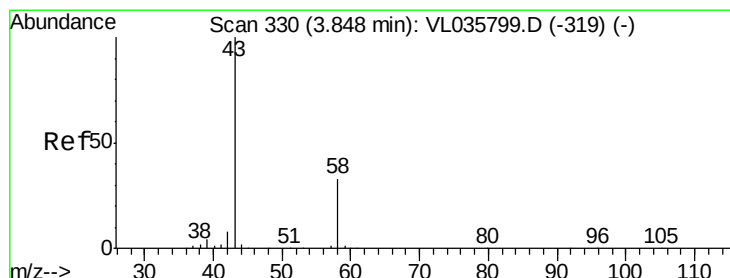
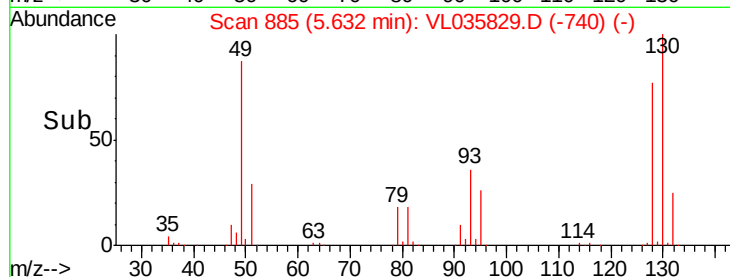
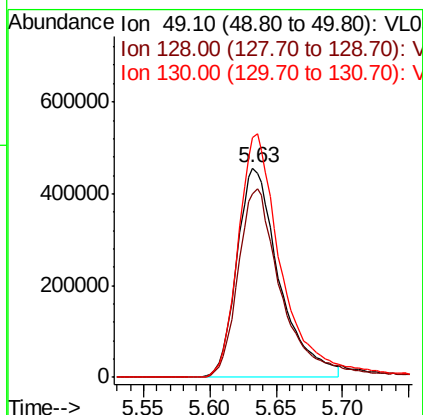
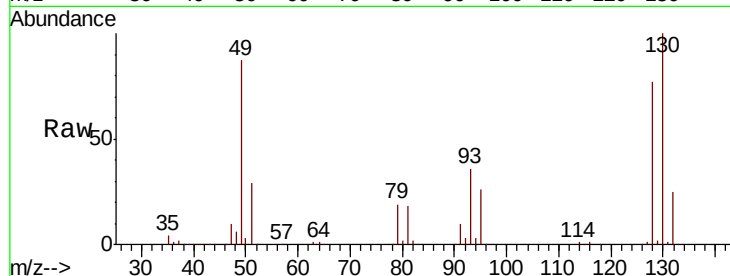




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 885
Delta R.T. -0.04 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

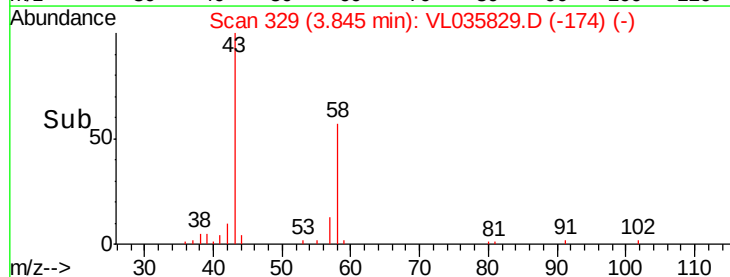
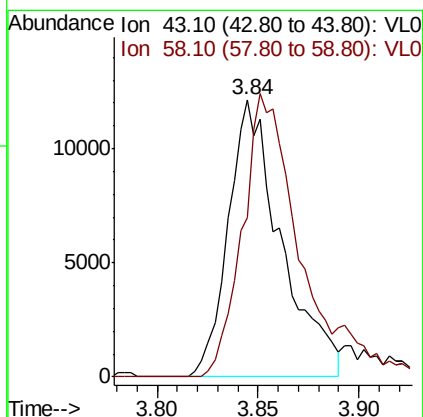
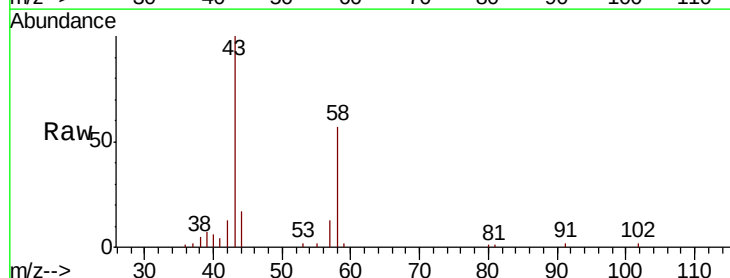
Instrument :
MSVOA_L
ClientSampleId :

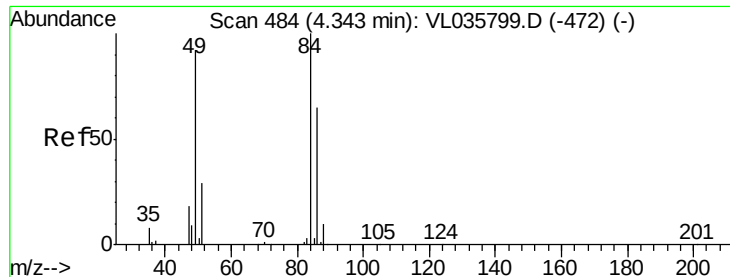
Tot Ion: 49 Resp: 1015770
Ion Ratio Lower Upper
49 100
128 94.8 41.5 124.6
130 122.5 53.7 161.1



#15
Acetone
Concen: 0.204 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.00 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

Tgt Ion: 43 Resp: 22137
Ion Ratio Lower Upper
43 100
58 113.5 27.5 41.3#

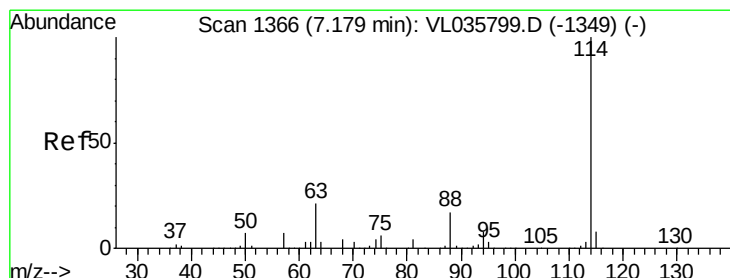
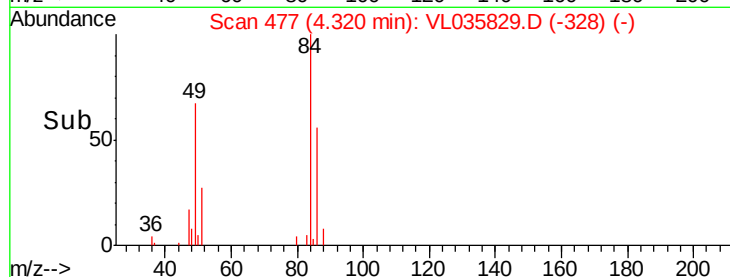
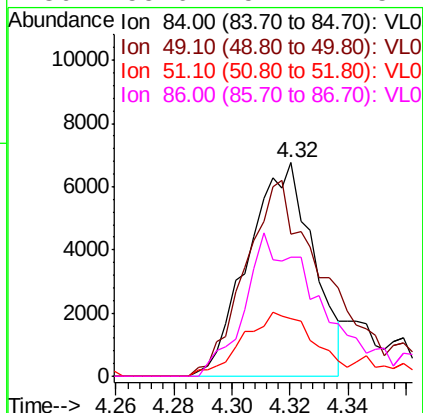
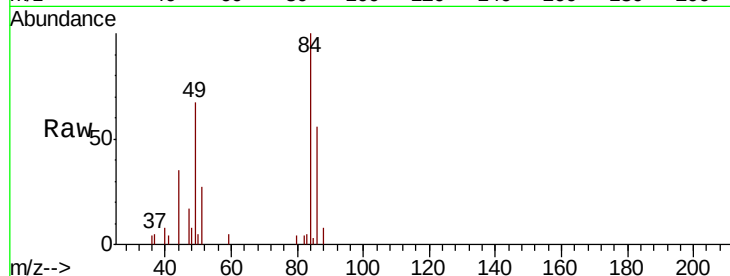




#20
Methylene Chloride
Concen: 0.138 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

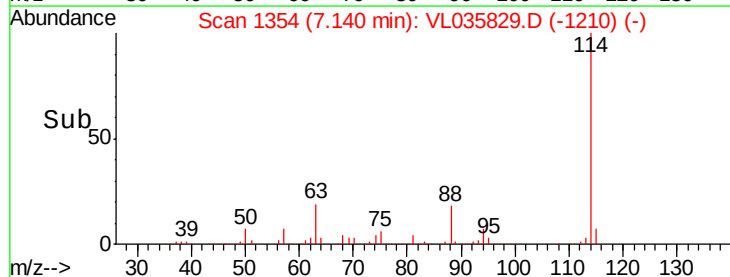
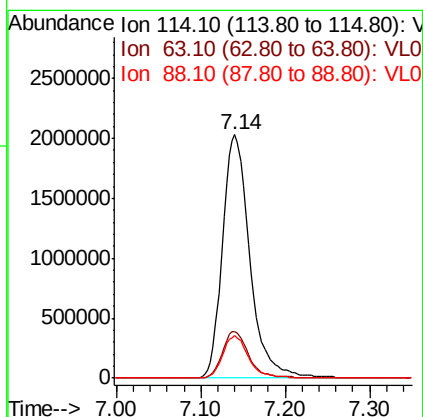
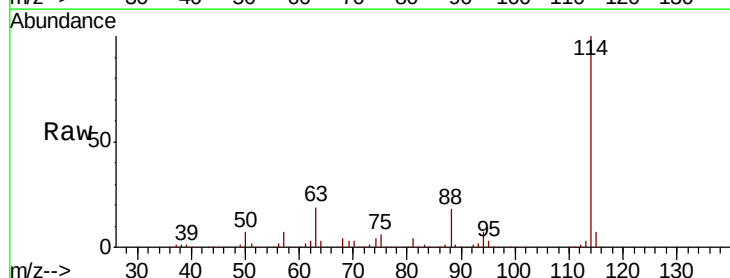
Instrument :
MSVOA_L
ClientSampleId :

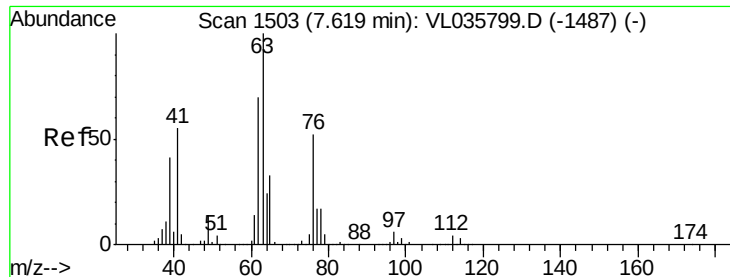
Tot Ion:	84	Resp:	10558
Ion	Ratio	Lower	Upper
84	100		
49	66.7	73.8	110.8#
51	27.1	23.0	34.4
86	55.6	52.1	78.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.04 min
Lab File: VL035829.D
Acq: 4 Nov 2020 10:34

Tgt Ion:	114	Resp:	4585407
Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.1	24.1
88	16.7	13.7	20.5

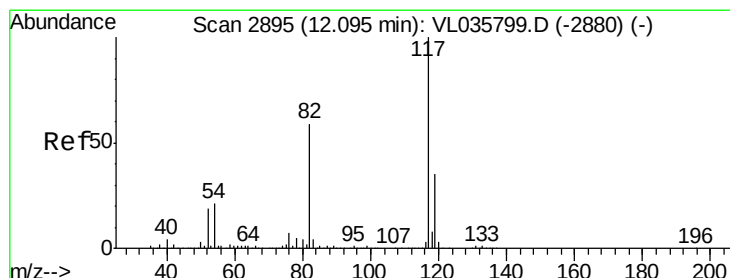
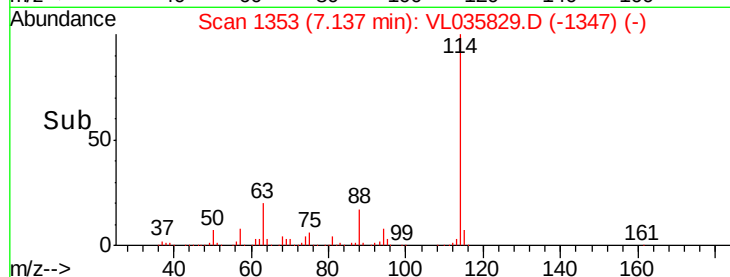
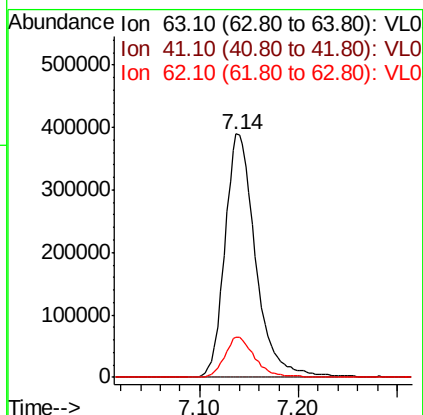
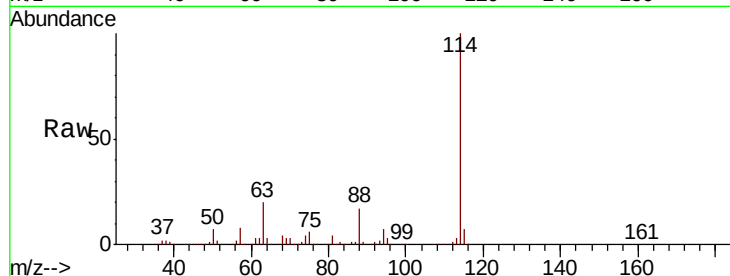




#39
 1,2-Dichloropropane
 Concen: 7.379 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.48 min
 Lab File: VL035829.D
 Acq: 4 Nov 2020 10:34

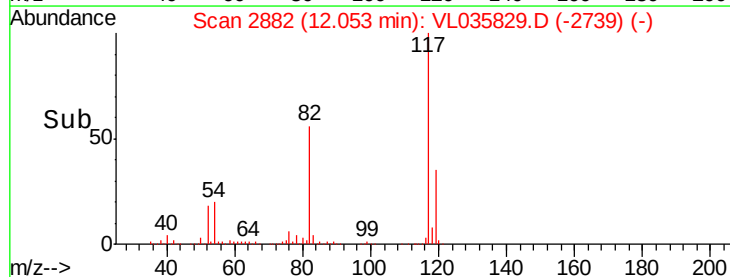
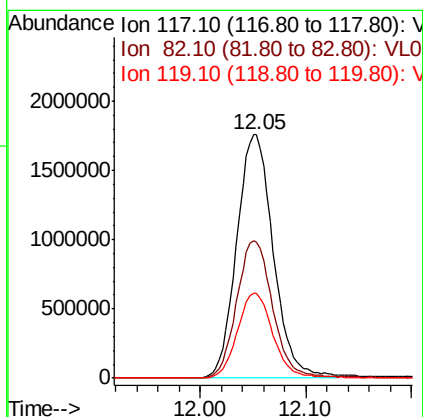
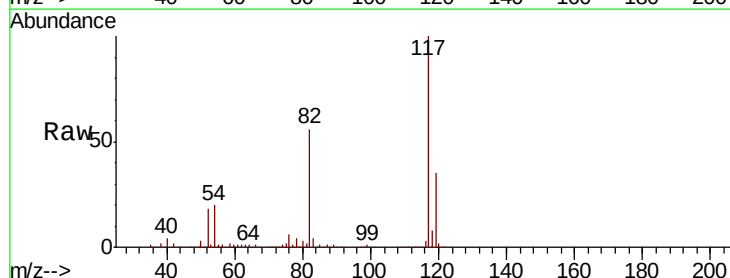
Instrument :
 MSVOA_L
 ClientSampled :

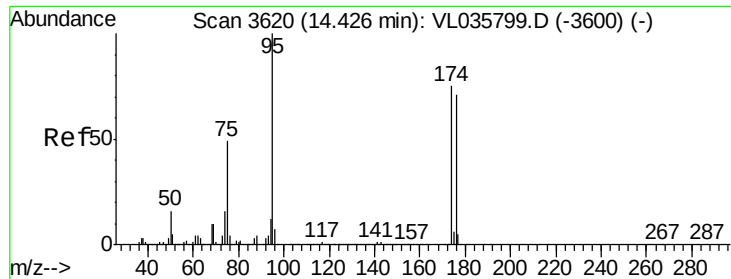
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.5	56.2	84.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.04 min
 Lab File: VL035829.D
 Acq: 4 Nov 2020 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.4	50.6	76.0
119	34.6	52.6	78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.920 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T. -0.04 min
 Lab File: VL035829.D
 Acq: 4 Nov 2020 10:34

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 95 Resp: 2987888
 Ion Ratio Lower Upper
 95 100
 174 79.4 59.8 89.6
 175 5.6 4.3 6.5

