

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035817.D
 Acq On : 3 Nov 2020 23:56
 Operator : SY/AP
 Sample : L4604-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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 11/5/2020 2:14:24 PM

Quant Time: Nov 04 05:55:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 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	5.64	49	1208693	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	5242840	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4773354	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3405285	10.04	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	8040m	0.152	ppbv	
15) Acetone	3.85	43	22775	0.176	ppbv #	40
20) Methylene Chloride	4.32	84	22257m	0.245	ppbv	
29) Chloroform	5.73	83	31492	0.114	ppbv	94

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

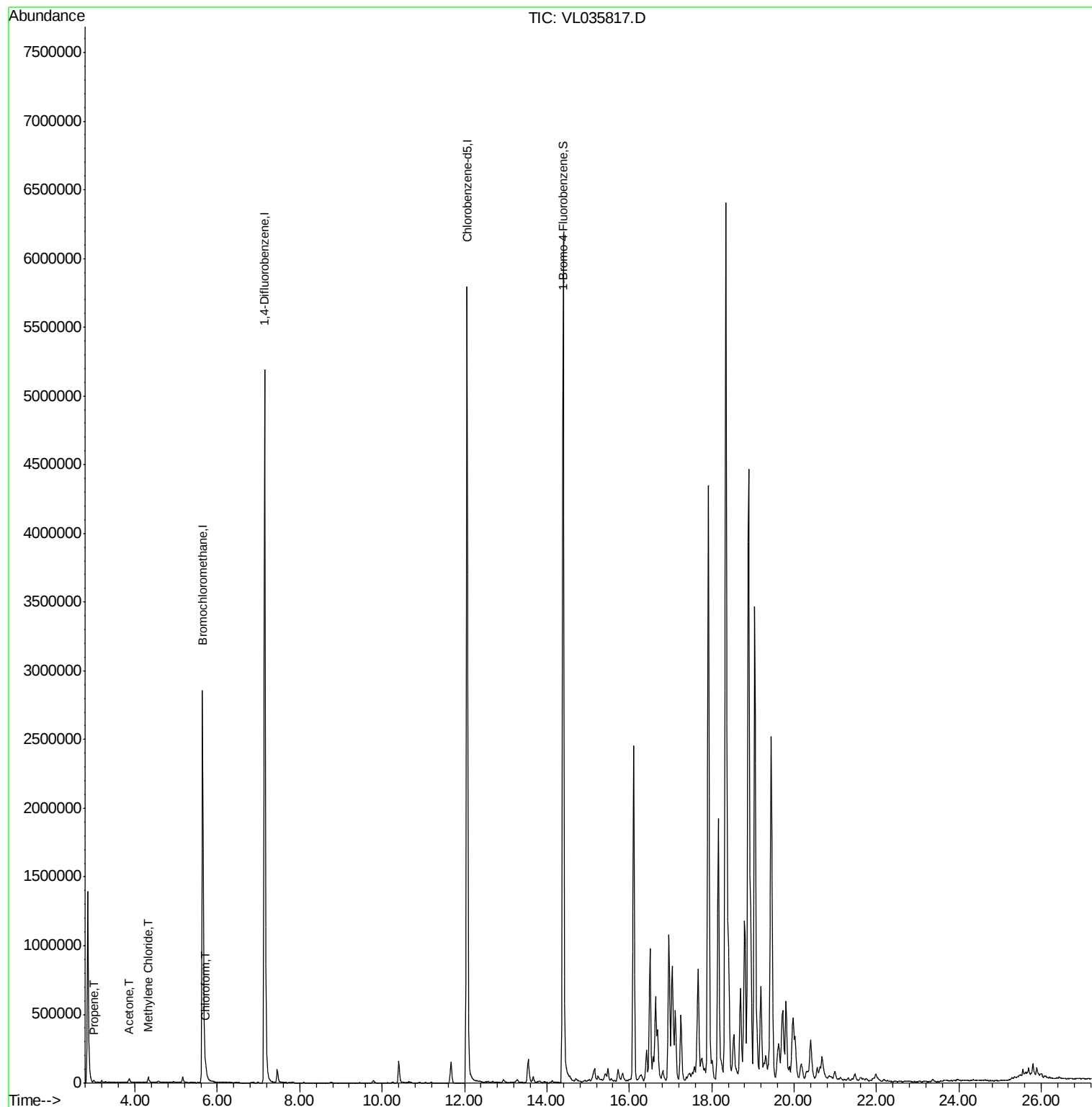
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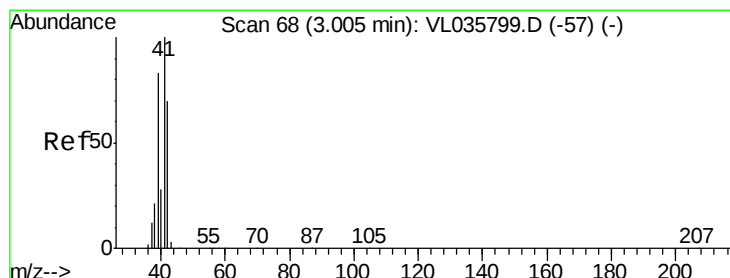
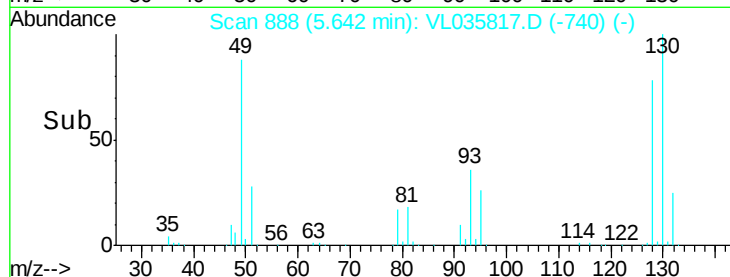
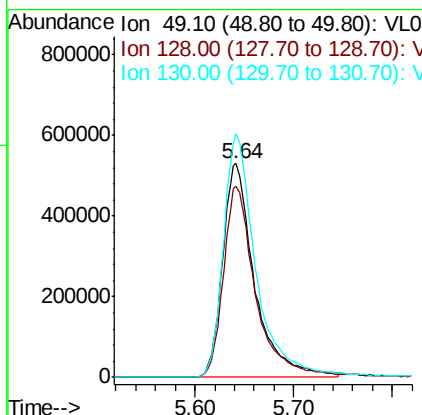
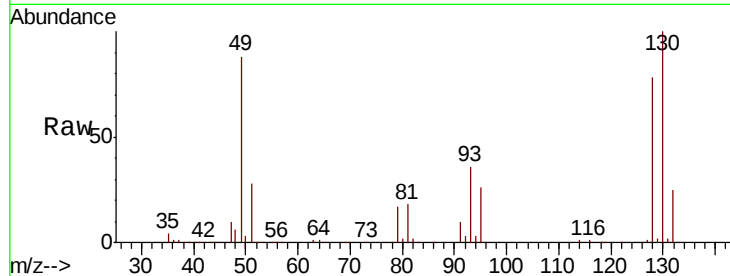
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: VL035817.D
 Acq: 3 Nov 2020 23:56

Instrument :
 MSVOA_L
 ClientSampled :
 SV1DL

Tot Ion: 49 Resp: 1208693
 Ion Ratio Lower Upper
 49 100
 128 91.9 41.5 124.6
 130 117.2 53.7 161.1

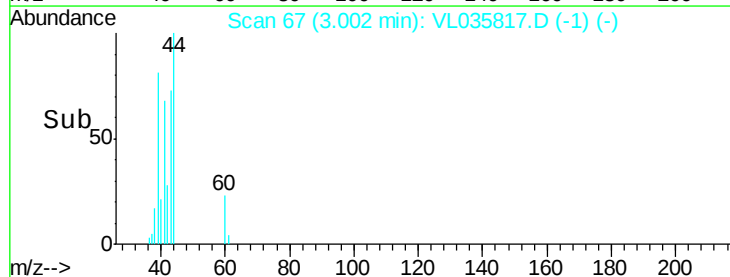
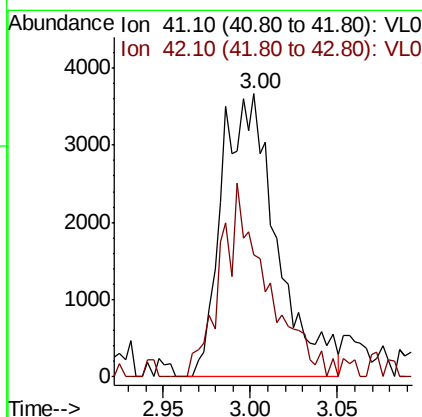
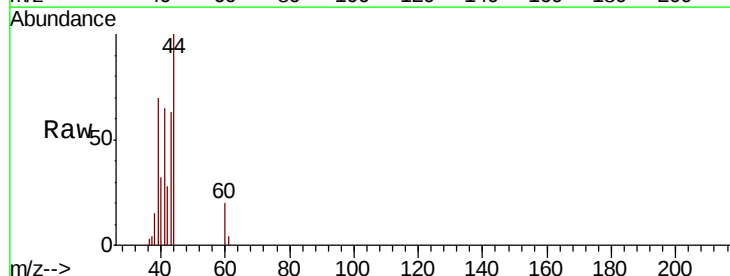
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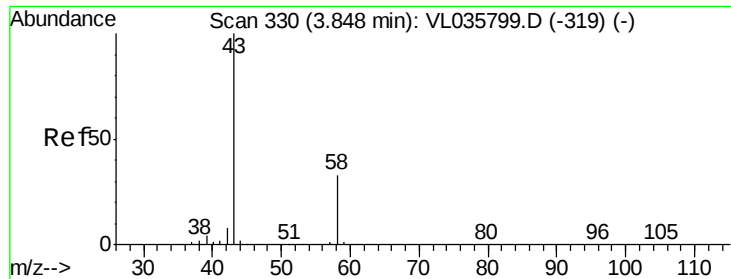
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#9
 Propene
 Concen: 0.152 ppbv m
 RT: 3.00 min Scan# 67
 Delta R.T. -0.00 min
 Lab File: VL035817.D
 Acq: 3 Nov 2020 23:56

Tgt Ion: 41 Resp: 8040
 Ion Ratio Lower Upper
 41 100
 42 57.8 56.2 84.4





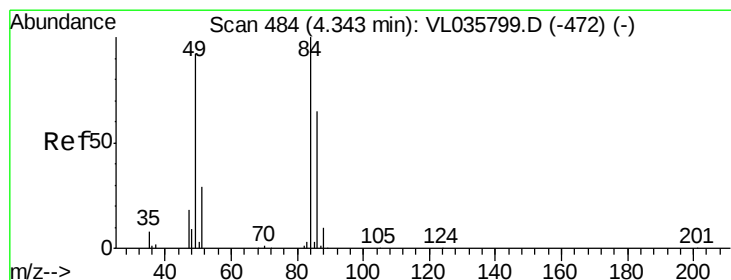
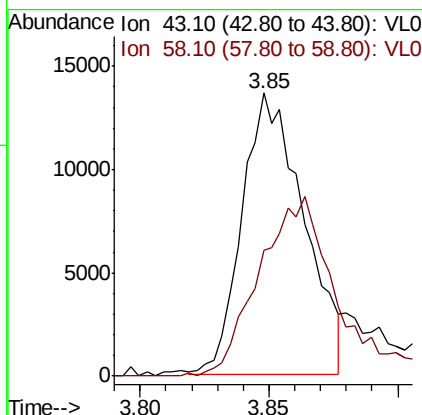
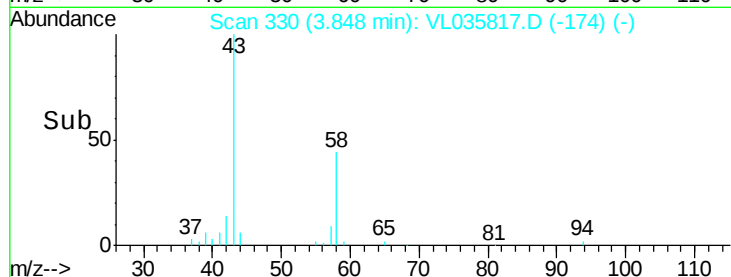
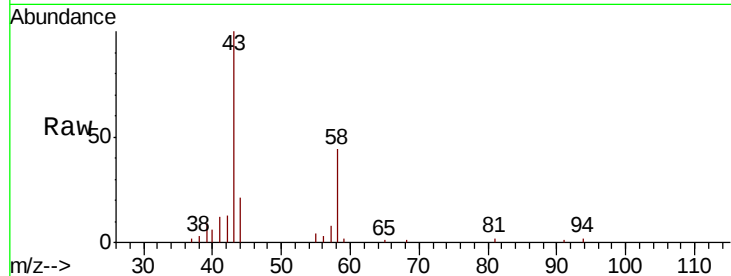
#15
Acetone
Concen: 0.176 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Instrument :
MSVOA_L
ClientSampled :
SV1DL

Tot Ion: 43 Resp: 22775
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

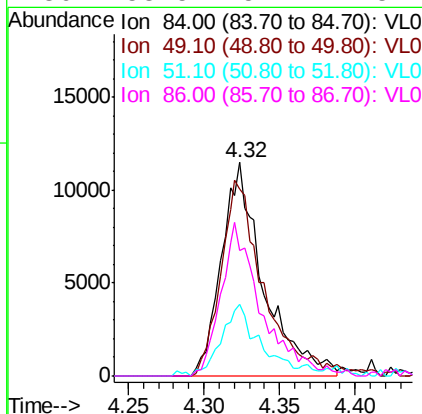
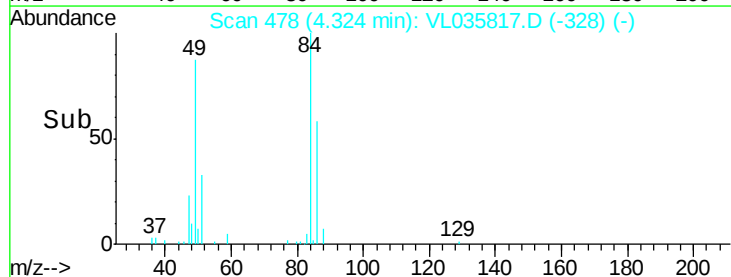
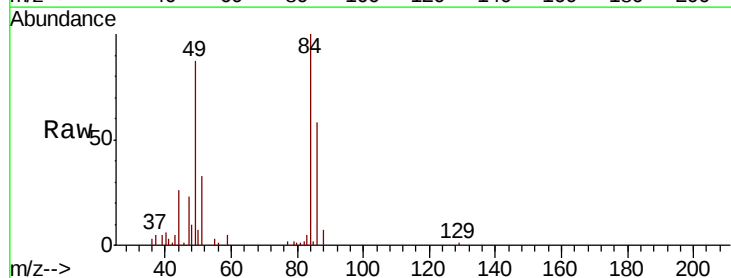
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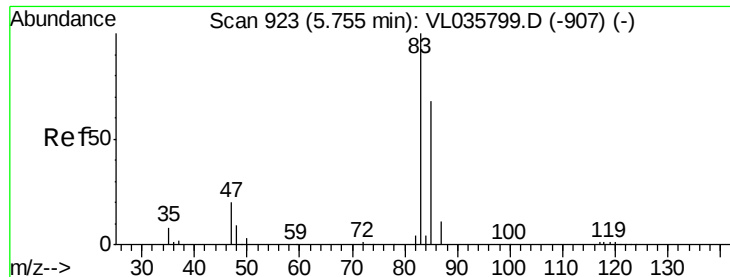
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#20
Methylene Chloride
Concen: 0.245 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Tgt Ion: 84 Resp: 22257
Ion Ratio Lower Upper
84 100
49 87.3 73.8 110.8
51 33.4 23.0 34.4
86 58.5 52.1 78.1





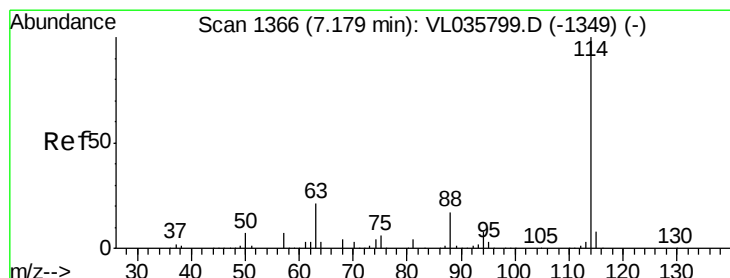
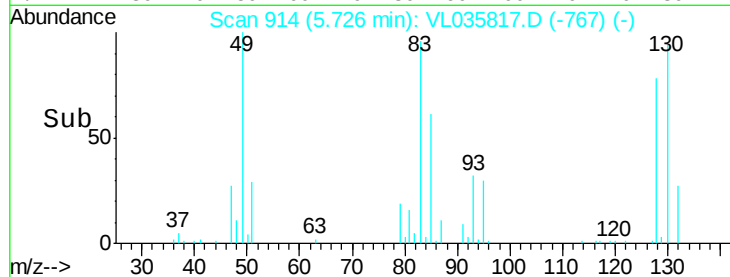
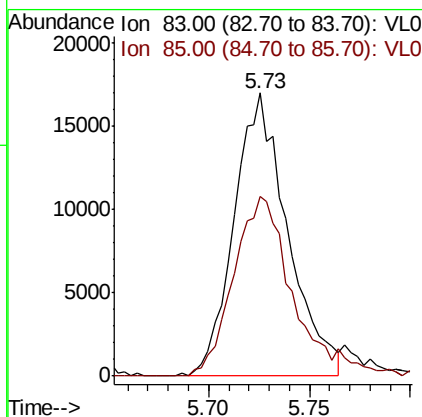
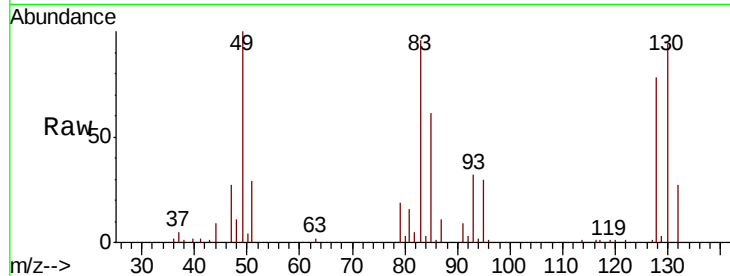
#29
Chloroform
Concen: 0.114 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion: 83 Resp: 31492
Ion Ratio Lower Upper
83 100
85 63.4 54.6 81.8

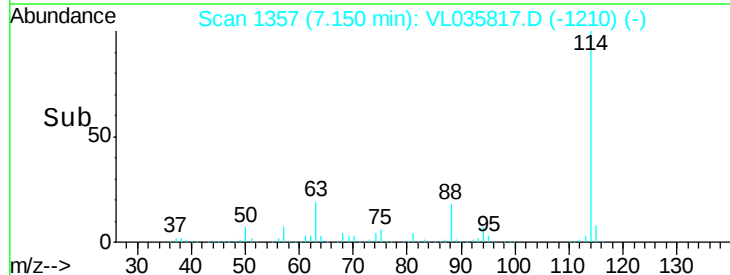
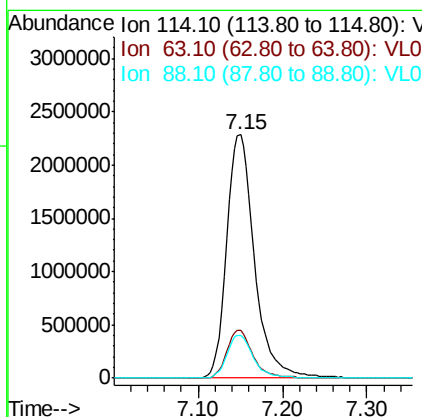
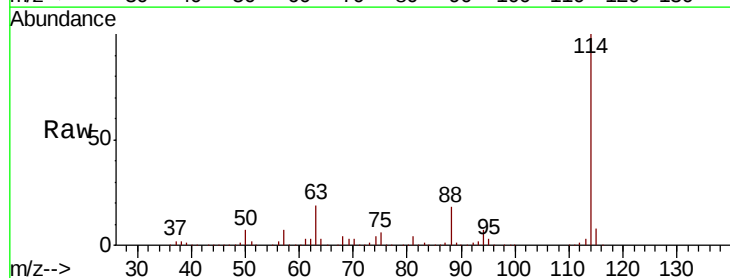
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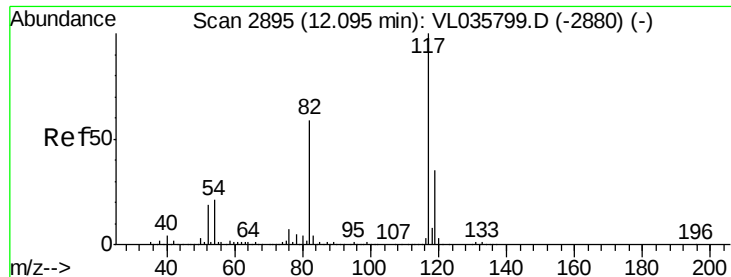
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Tgt Ion: 114 Resp: 5242840
Ion Ratio Lower Upper
114 100
63 18.6 16.1 24.1
88 16.9 13.7 20.5





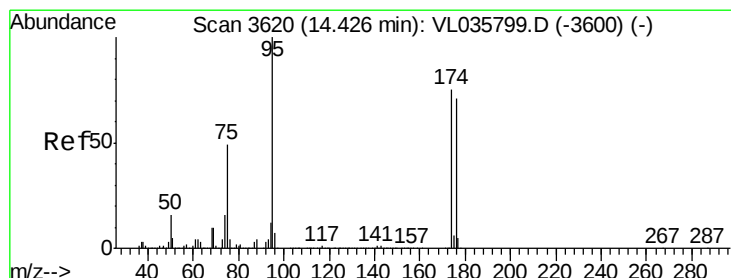
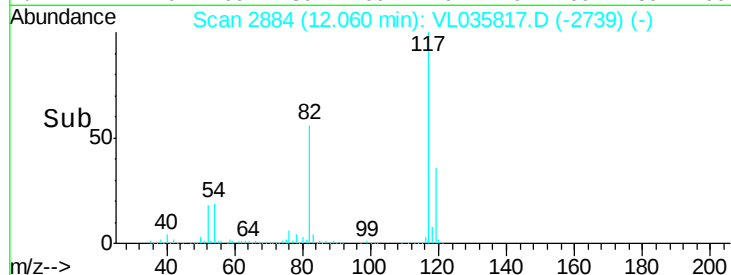
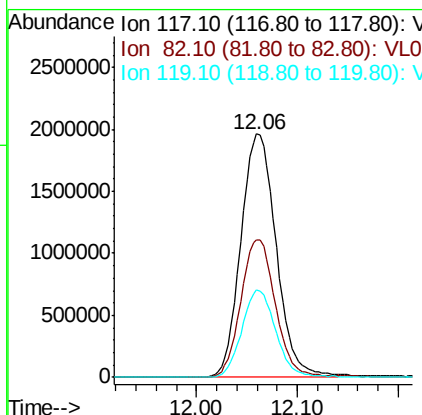
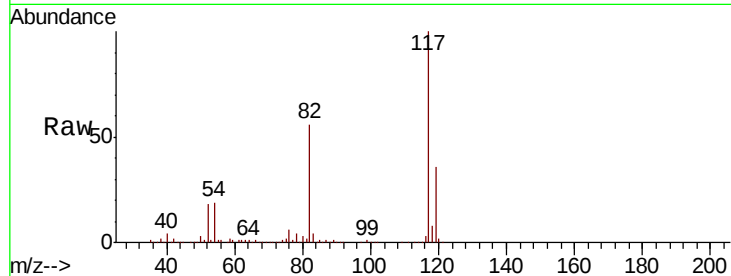
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tot Ion:117 Resp: 4773354
Ion Ratio Lower Upper
117 100
82 56.3 50.6 76.0
119 35.0 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.041 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL035817.D
Acq: 3 Nov 2020 23:56

Tgt Ion: 95 Resp: 3405285
Ion Ratio Lower Upper
95 100
174 78.1 59.8 89.6
175 5.5 4.3 6.5

