

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035939.D
 Acq On : 16 Nov 2020 11:23
 Operator : SY/AP
 Sample : VL1116ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1116ABL01

Manual Integrations
 APPROVED

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 11/18/2020 2:11:14 PM

Quant Time: Nov 17 21:34:19 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	5.66	49	1340910	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4735847	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4431073	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3271964	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	29368m	0.205	ppbv	
20) Methylene Chloride	4.35	84	23156m	0.229	ppbv	

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

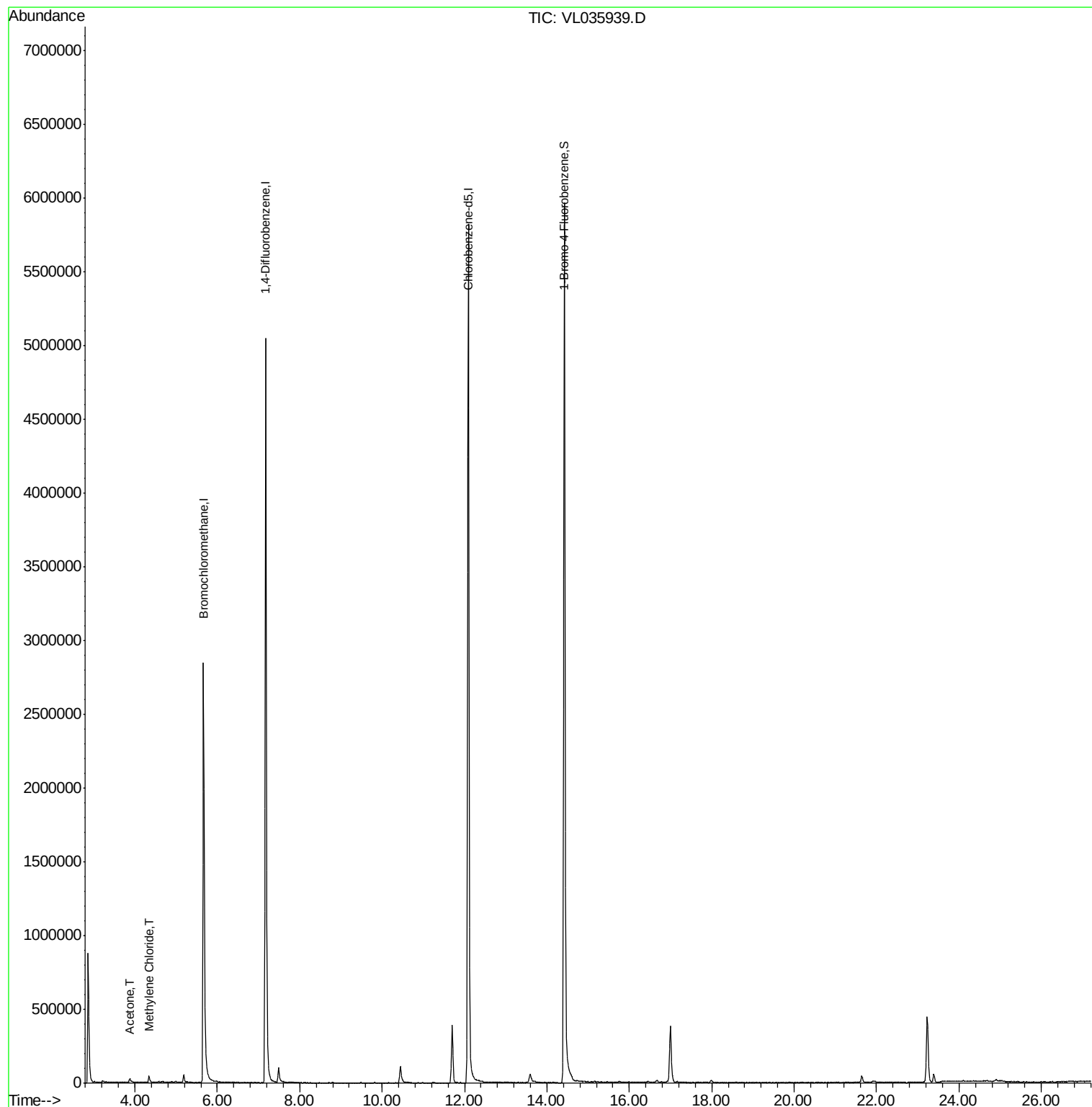
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111620\
Data File : VL035939.D
Acq On : 16 Nov 2020 11:23
Operator : SY/AP
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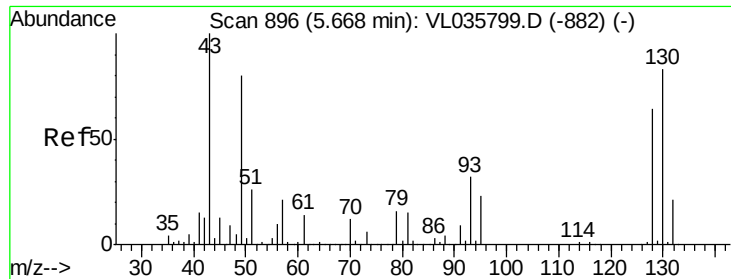
Instrument :
MSVOA_L
ClientSampleId :
VL1116ABL01

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Quant Time: Nov 17 21:34:19 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: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035939.D

Acq: 16 Nov 2020 11:23

Instrument :

MSVOA_L

ClientSampleId :

VL1116ABL01

Tot Ion: 49 Resp: 1340910

Ion Ratio Lower Upper

49 100

128 76.5 41.5 124.6

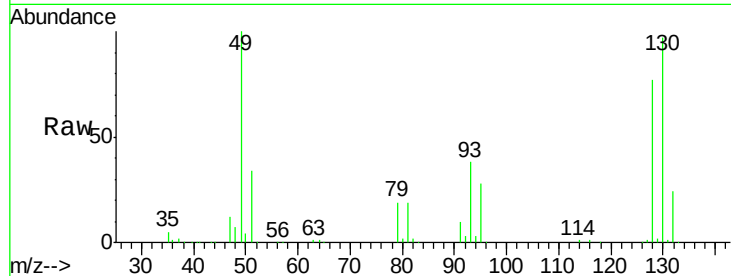
130 99.5 53.7 161.1

Manual Integrations

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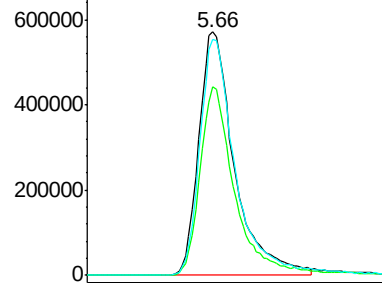
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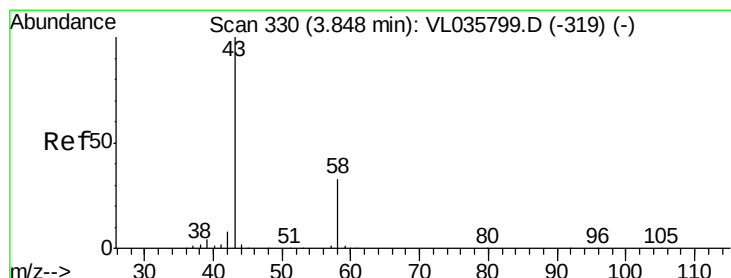
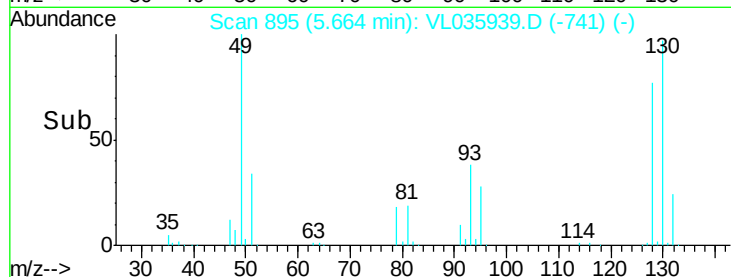
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#15

Acetone

Concen: 0.205 ppbv m

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL035939.D

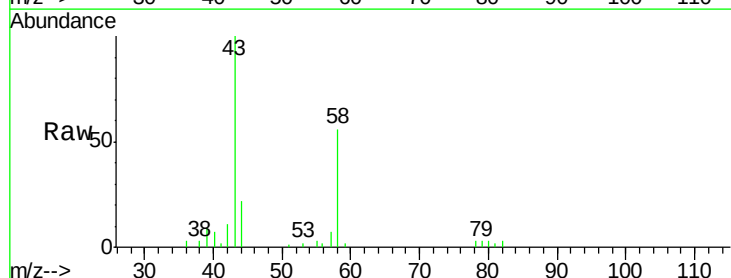
Acq: 16 Nov 2020 11:23

Tgt Ion: 43 Resp: 29368

Ion Ratio Lower Upper

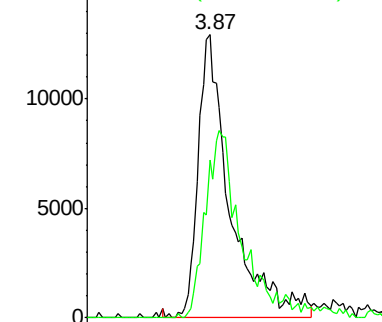
43 100

58 72.8 27.5 41.3#

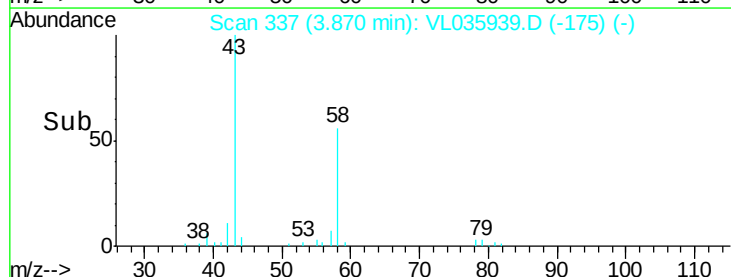


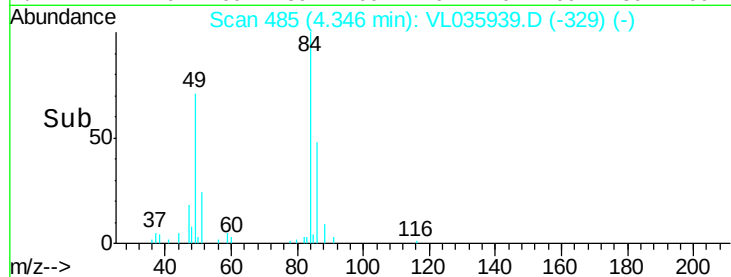
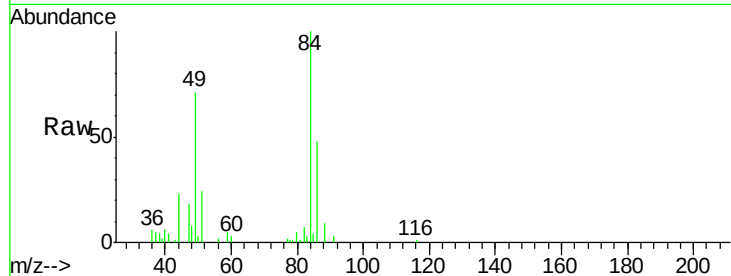
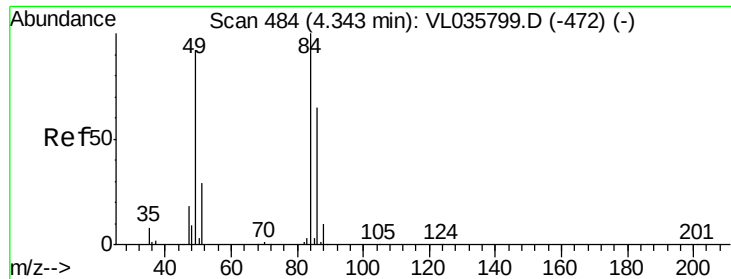
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time-->





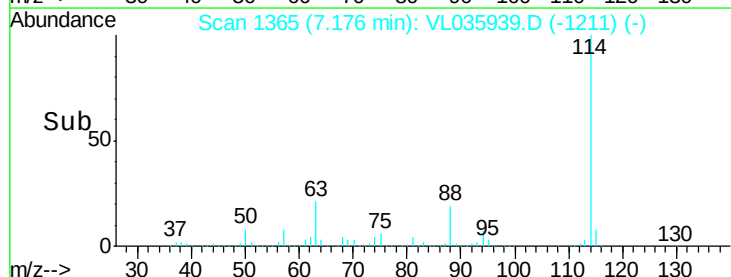
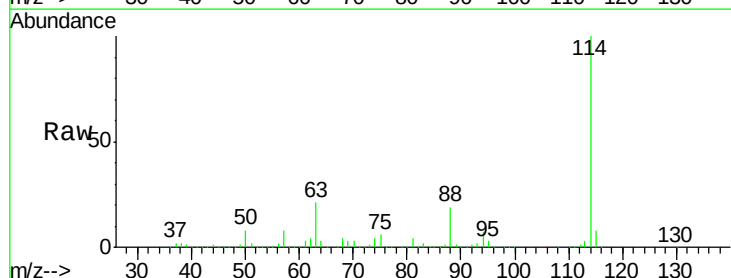
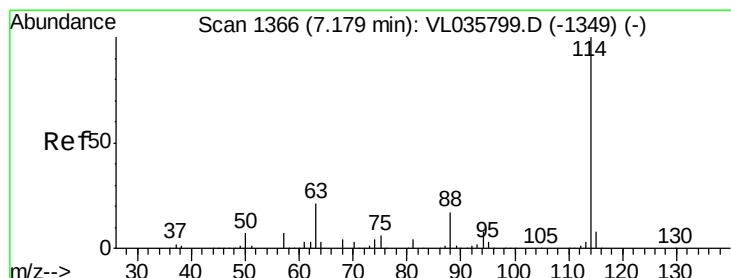
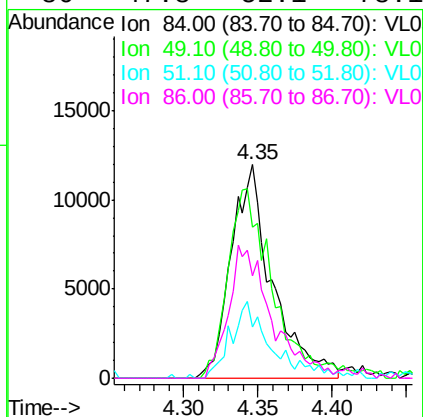
#20
Methvlene Chloride
Concen: 0.229 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL035939.D
Acq: 16 Nov 2020 11:23

Tot Ion	84	Resp	23156
Ion Ratio	Lower	Upper	
84	100		
49	70.5	73.8	110.8#
51	24.1	23.0	34.4
86	47.8	52.1	78.1#

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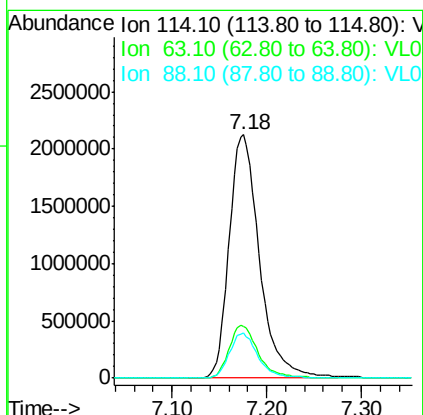
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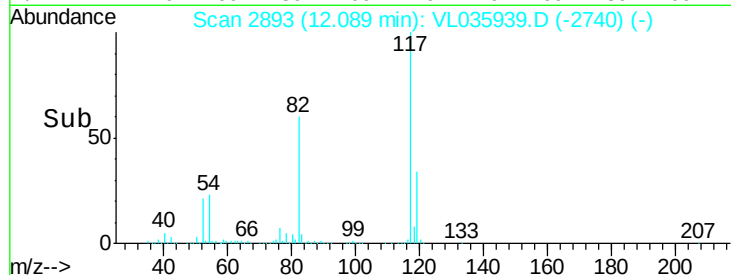
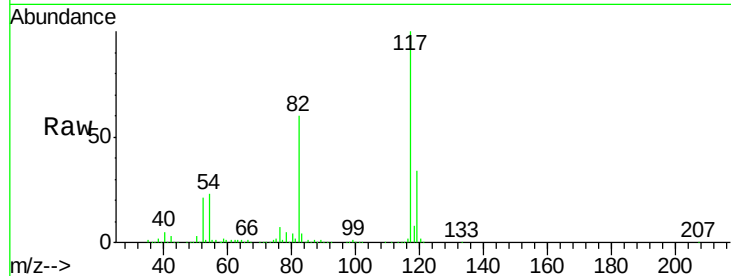
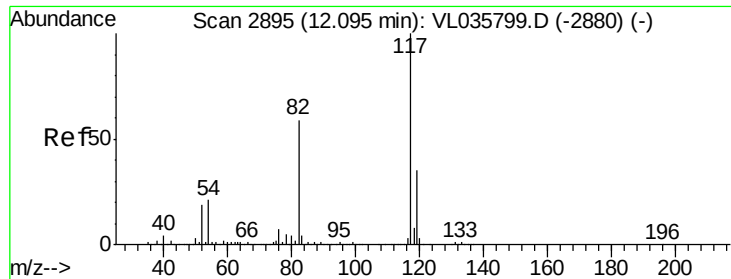
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035939.D
Acq: 16 Nov 2020 11:23

Tgt Ion	114	Resp	4735847
Ion Ratio	Lower	Upper	
114	100		
63	21.0	16.1	24.1
88	17.7	13.7	20.5





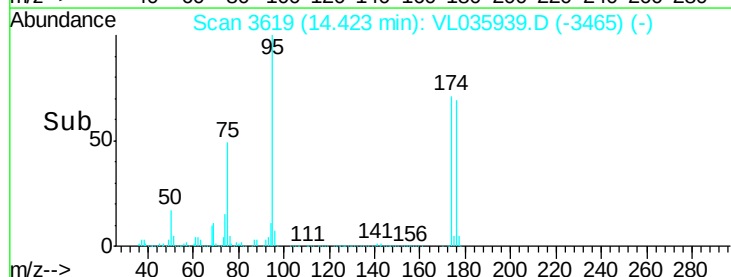
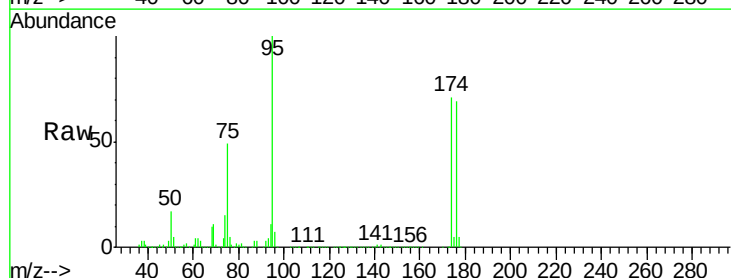
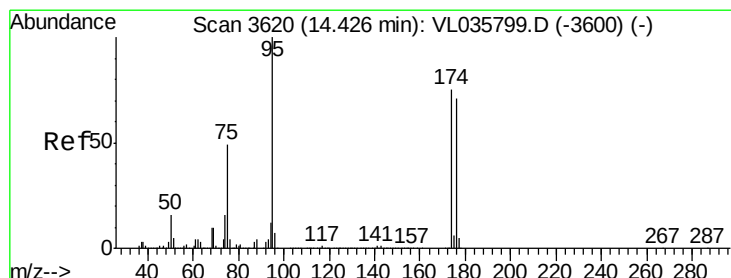
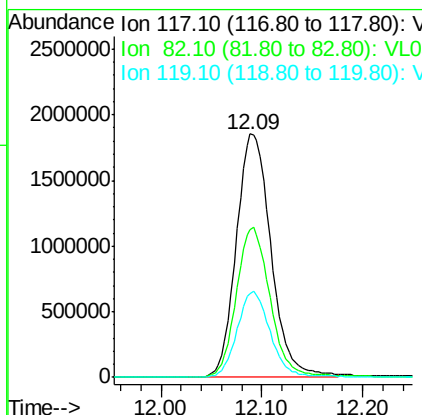
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035939.D
Acq: 16 Nov 2020 11:23

Instrument :
MSVOA_L
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VL1116ABL01

Tot Ion:117 Resp: 4431073
Ion Ratio Lower Upper
117 100
82 60.8 50.6 76.0
119 34.0 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.393 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL035939.D
Acq: 16 Nov 2020 11:23

Tgt Ion: 95 Resp: 3271964
Ion Ratio Lower Upper
95 100
174 72.8 59.8 89.6
175 5.1 4.3 6.5

