

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082320\
 Data File : VL035499.D
 Acq On : 23 Aug 2020 15:20
 Operator : SY/AP
 Sample : VL0823ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0823ABL01

Quant Time: Aug 24 02:02:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 12:40:32 2020
 QLast Update : Sun Aug 23 12:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1024526	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4485051	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4553331	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3267193	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

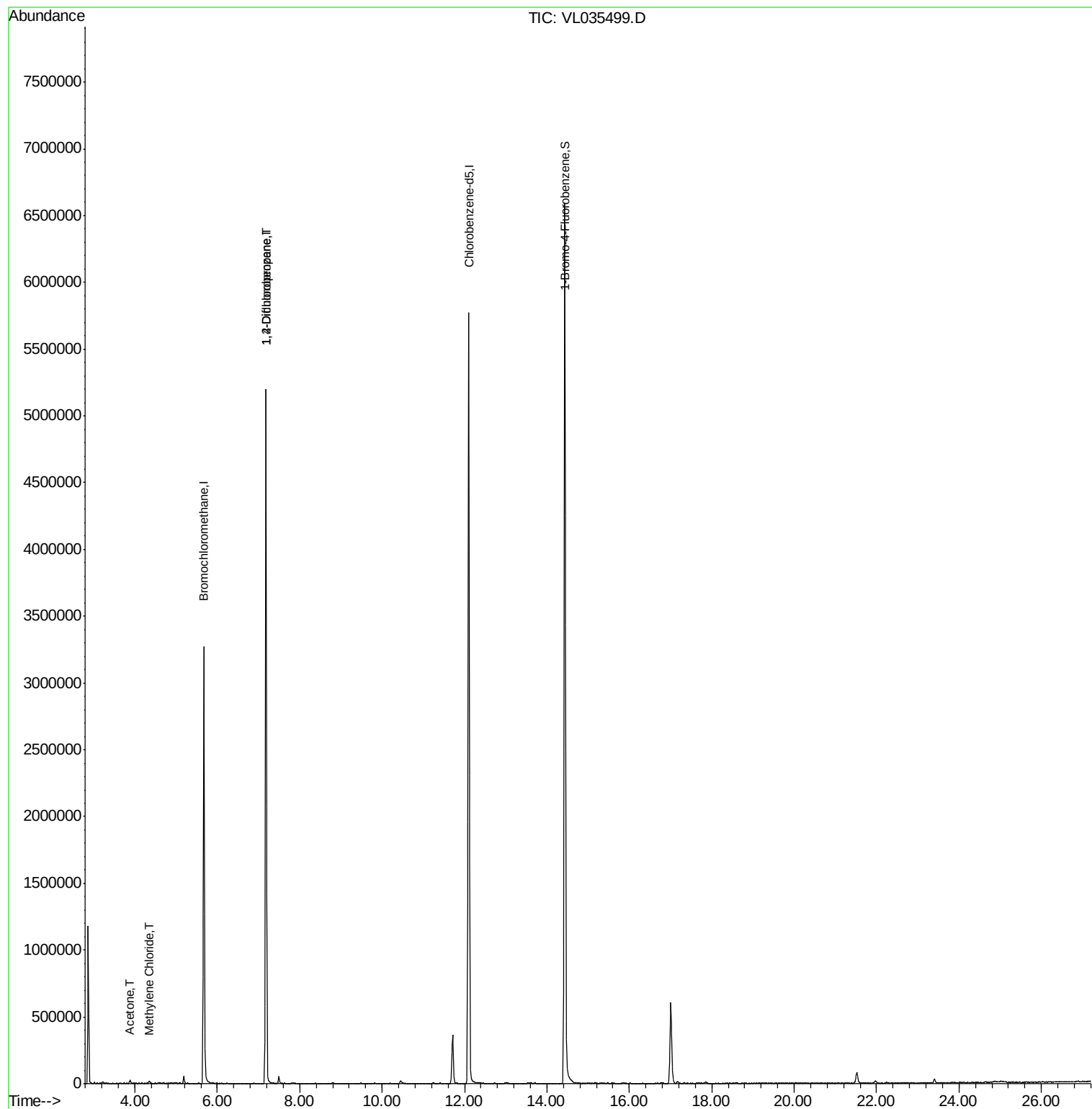
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	19858	0.183	ppbv #	25
20) Methylene Chloride	4.35	84	8610	0.073	ppbv #	93
39) 1,2-Dichloropropane	7.18	63	797695	8.114	ppbv #	32

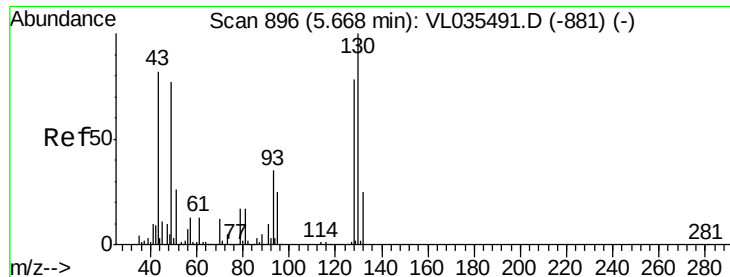
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
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QLast Update : Sun Aug 23 12:40:32 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.00 min

Lab File: VL035499.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0823ABL01

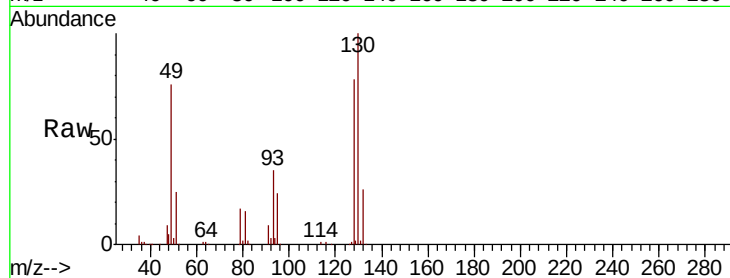
Tot Ion: 49 Resp: 1024526

Ion Ratio Lower Upper

49 100

128 101.3 51.6 154.9

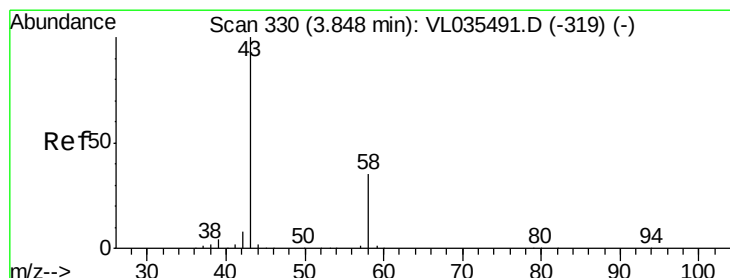
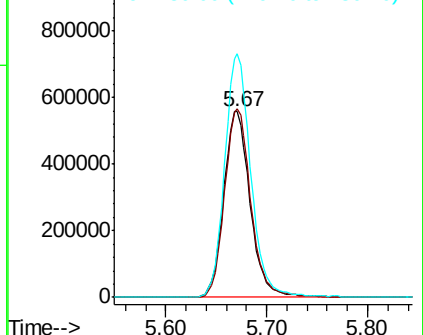
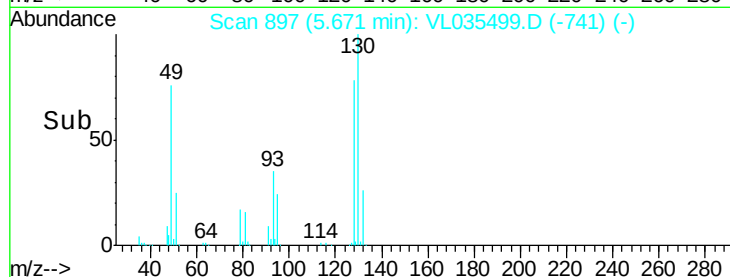
130 129.8 66.1 198.4



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



#15

Acetone

Concen: 0.183 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.03 min

Lab File: VL035499.D

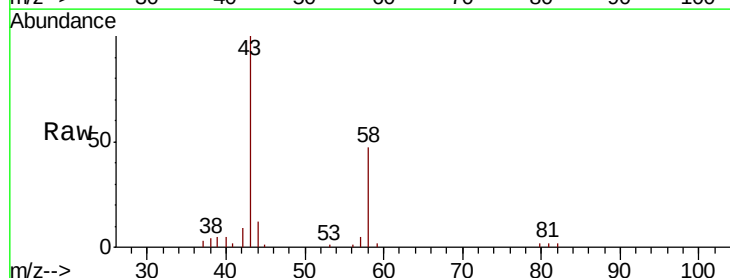
Acq: 23 Aug 2020 15:20

Tgt Ion: 43 Resp: 19858

Ion Ratio Lower Upper

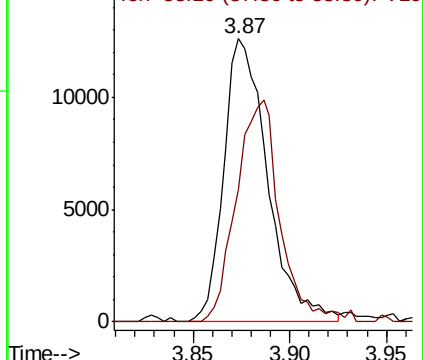
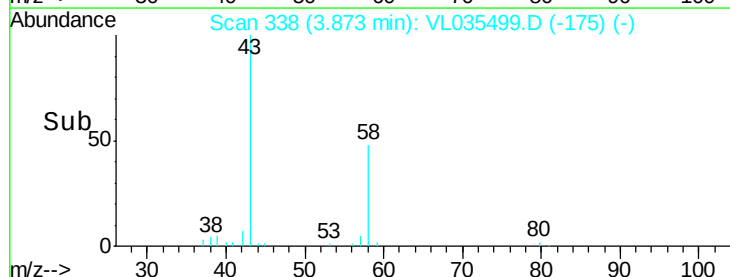
43 100

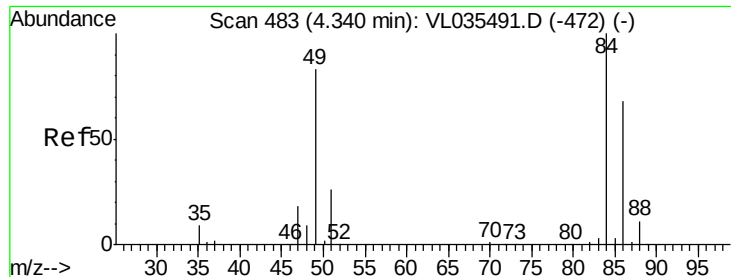
58 78.1 27.8 41.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

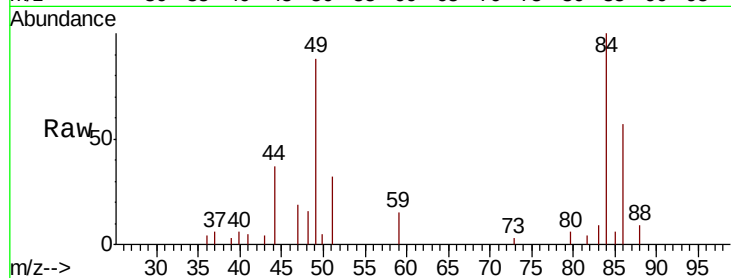




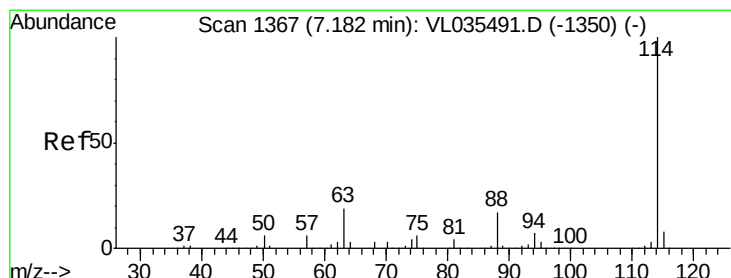
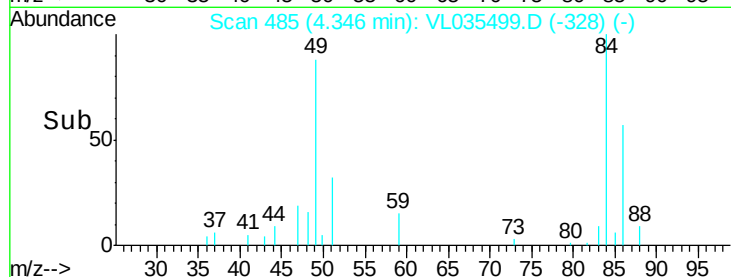
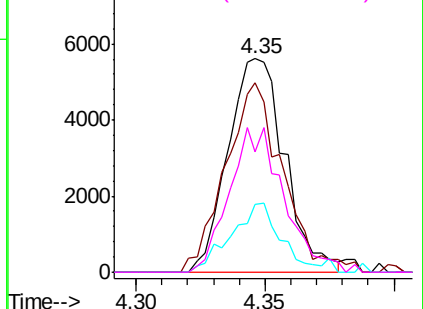
#20
Methylene Chloride
Concen: 0.073 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035499.D
Acq: 23 Aug 2020 15:20

Instrument :
MSVOA_L
ClientSampleId :
VL0823ABL01

Tot Ion: 84 Resp: 8610
Ion Ratio Lower Upper
84 100
49 82.4 66.3 99.5
51 31.8 21.1 31.7#
86 56.5 54.2 81.4

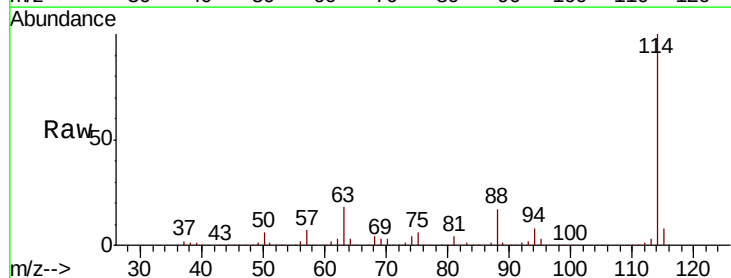


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

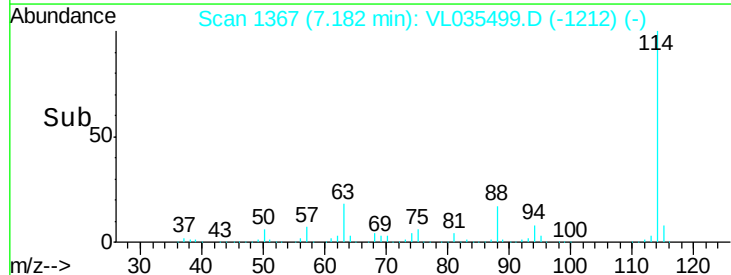
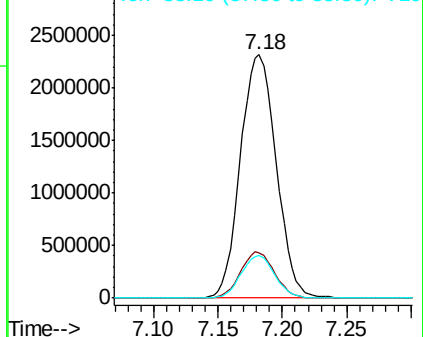


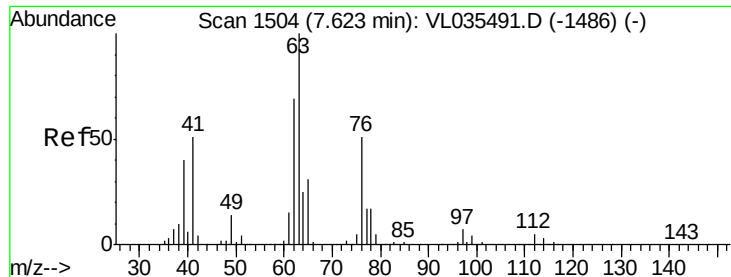
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL035499.D
Acq: 23 Aug 2020 15:20

Tgt Ion: 114 Resp: 4485051
Ion Ratio Lower Upper
114 100
63 17.9 14.3 21.5
88 16.5 13.2 19.8



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

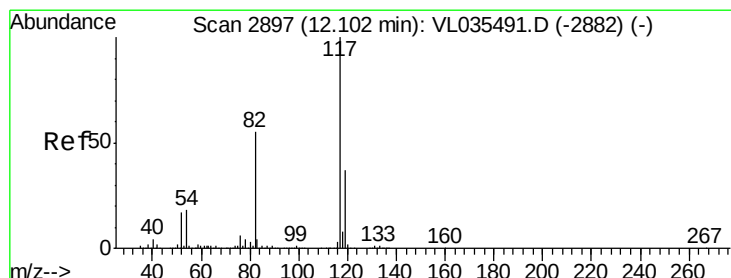
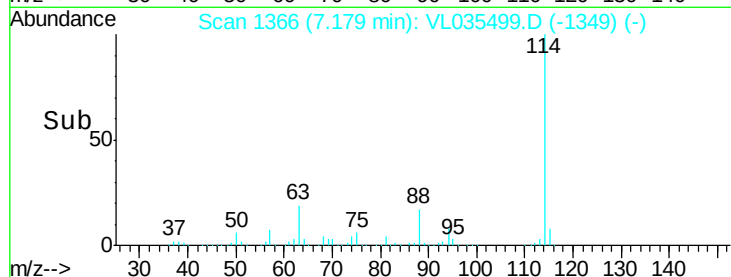
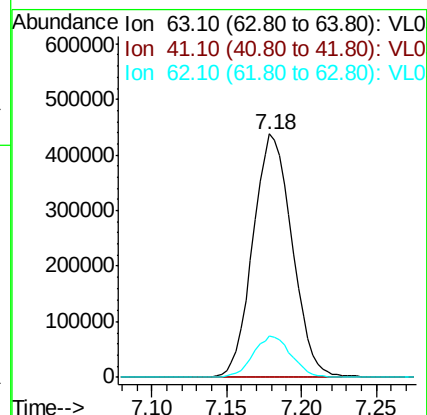
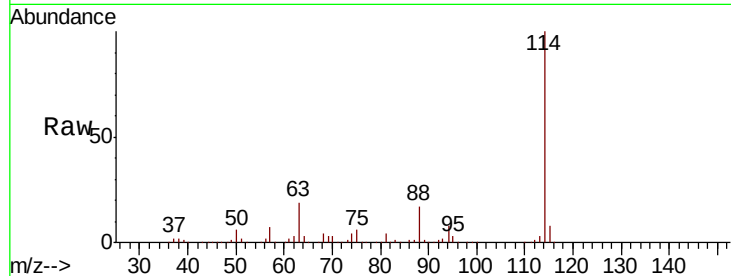




#39
 1,2-Dichloropropane
 Concen: 8.114 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL035499.D
 Acq: 23 Aug 2020 15:20

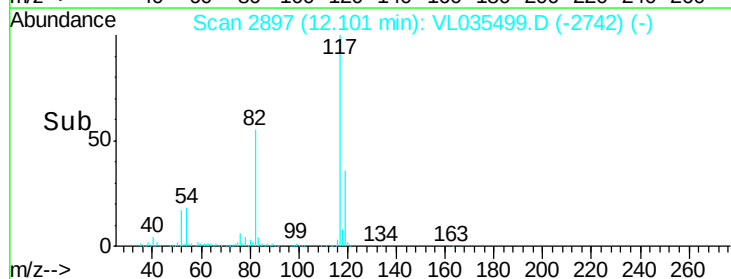
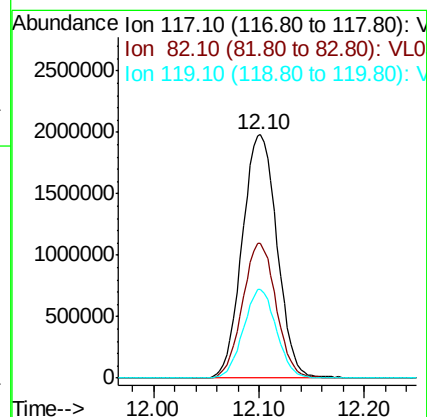
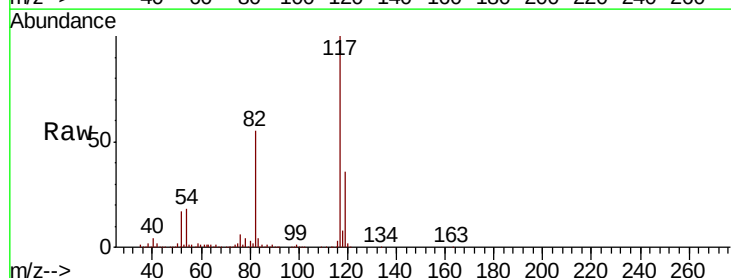
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0823ABL01

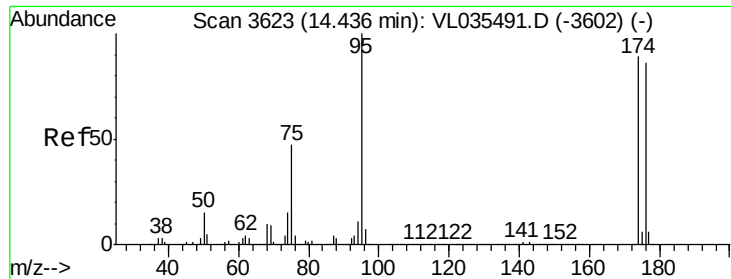
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.9	61.3#
62	16.8	55.3	82.9#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.00 min
 Lab File: VL035499.D
 Acq: 23 Aug 2020 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.9	65.9
119	34.7	30.4	45.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.041 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. -0.00 min

Lab File: VL035499.D

Acq: 23 Aug 2020 15:20

Instrument :

MSVOA_L

ClientSampleId :

VL0823ABL01

Tot Ion: 95 Resp: 3267193

Ion Ratio Lower Upper

95 100

174 91.2 70.9 106.3

175 6.6 5.1 7.7

