

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112420\
Quantitation Report (Not Reviewed)

Data File : VL035999.D
Acq On : 24 Nov 2020 18:28
Operator : SY/AP
Sample : QC111920 CAN 10280
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC111920 CAN 10280

Quant Time: Nov 25 00:36:19 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	5.64	49	1250726	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4412658	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4168222	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3177178	10.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

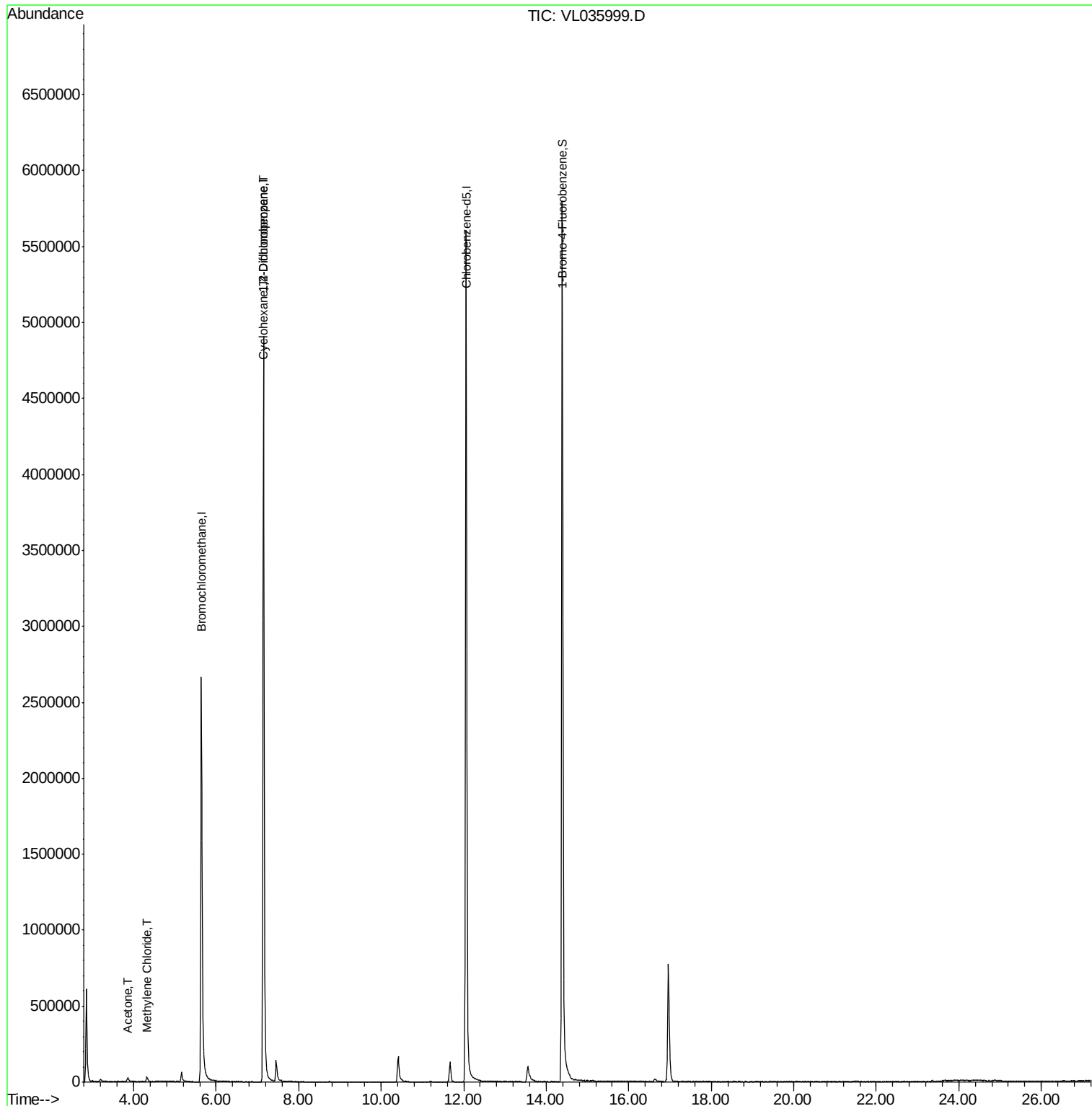
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	22254	0.166	ppbv #	1
20) Methylene Chloride	4.32	84	9675	0.103	ppbv	96
30) Cyclohexane	7.13	84	17083	0.108	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	918974	8.321	ppbv #	30

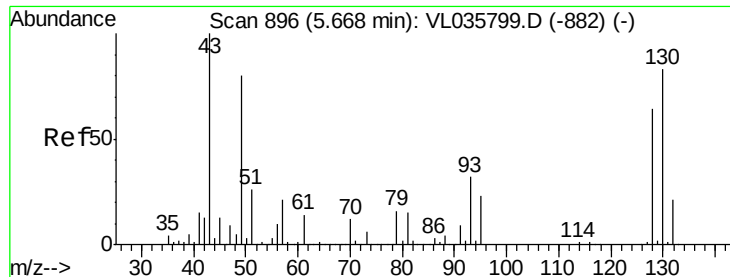
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035999.D

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Instrument :

MSVOA_L

ClientSampleId :

QC111920 CAN 10280

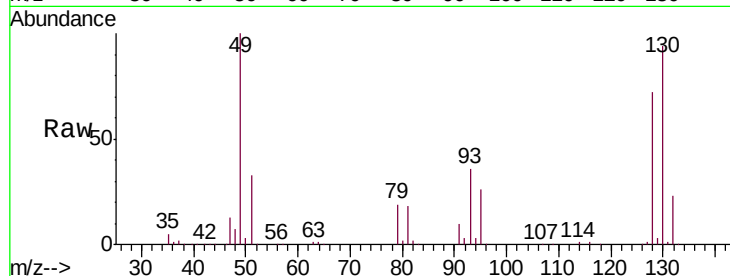
Tgt Ion: 49 Resp: 1250726

Ion Ratio Lower Upper

49 100

128 76.8 41.5 124.6

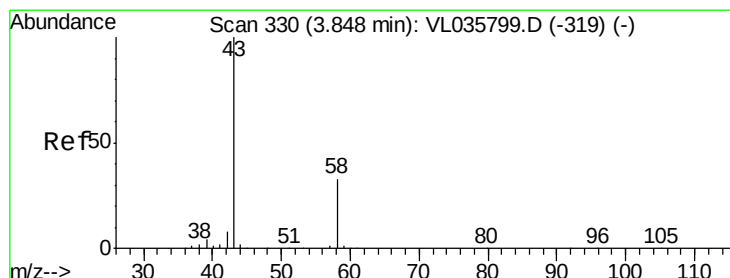
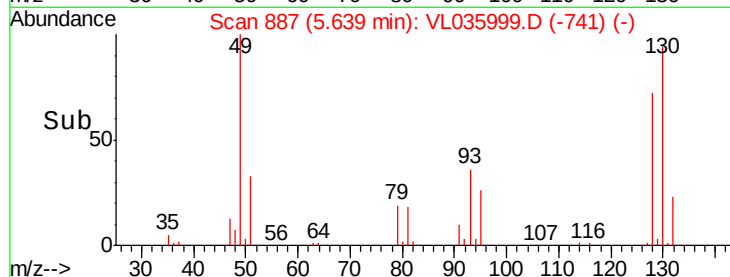
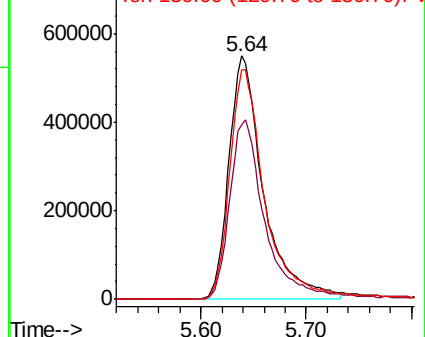
130 98.8 53.7 161.1



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: 0.166 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.00 min

Lab File: VL035999.D

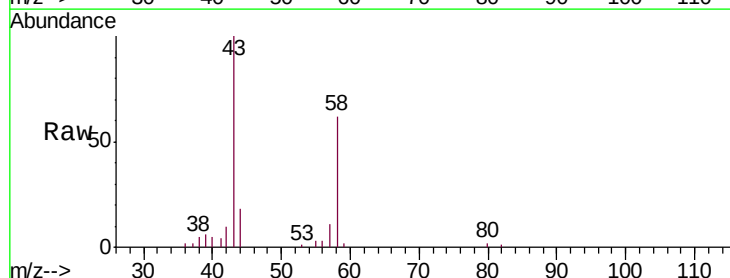
Acq: 24 Nov 2020 18:28

Tgt Ion: 43 Resp: 22254

Ion Ratio Lower Upper

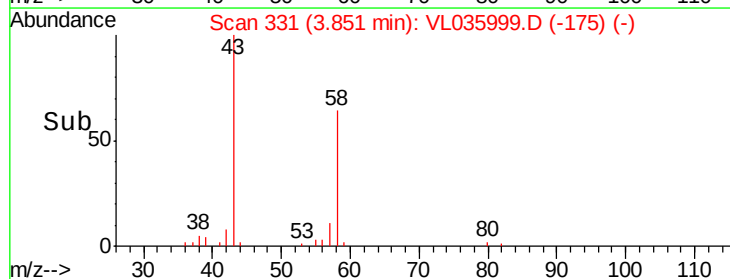
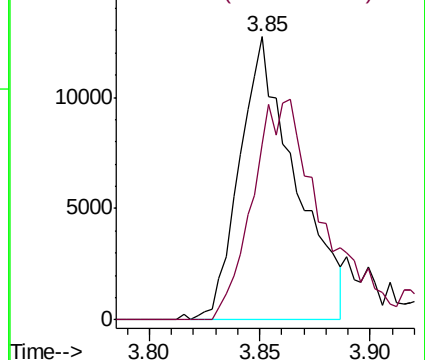
43 100

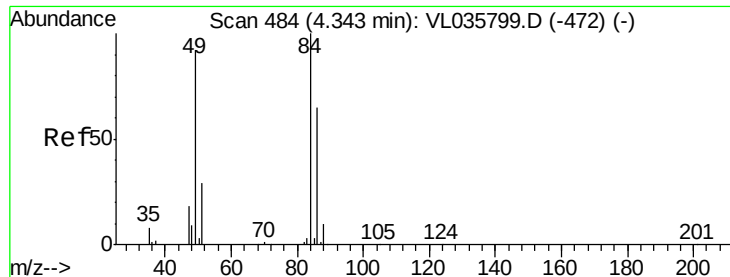
58 107.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

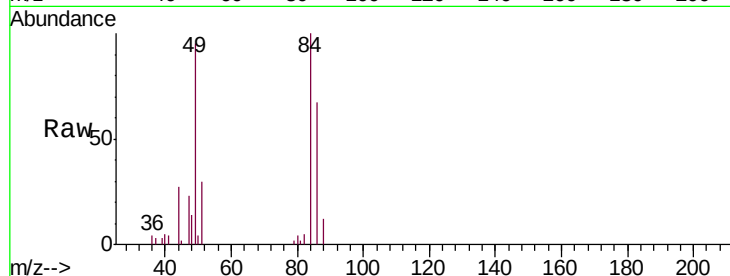




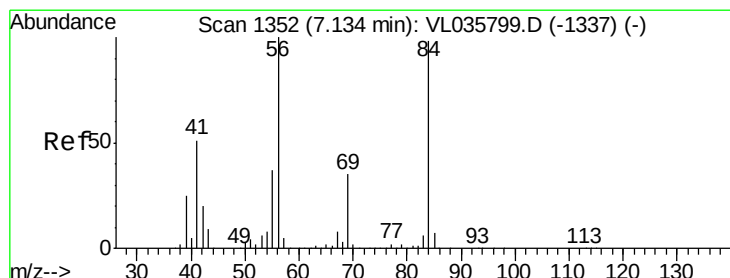
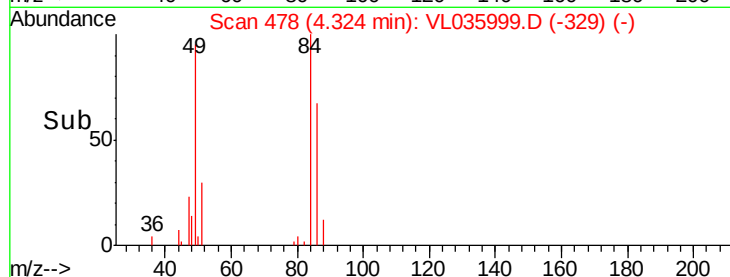
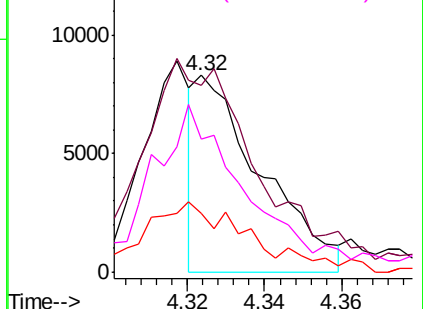
#20
Methylene Chloride
Concen: 0.103 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Instrument :
MSVOA_L
ClientSampleId :
QC111920 CAN 10280

Tgt Ion:	84	Resp:	9675
Ion	Ratio	Lower	Upper
84	100		
49	86.0	73.8	110.8
51	30.8	23.0	34.4
86	64.7	52.1	78.1

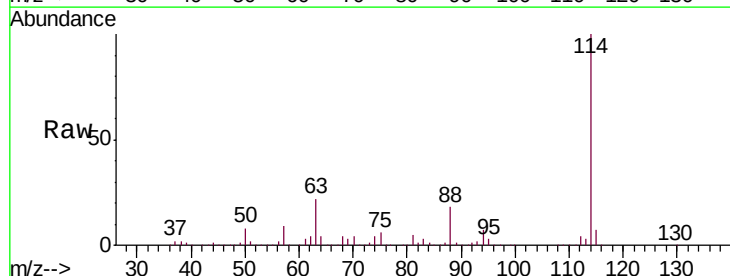


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

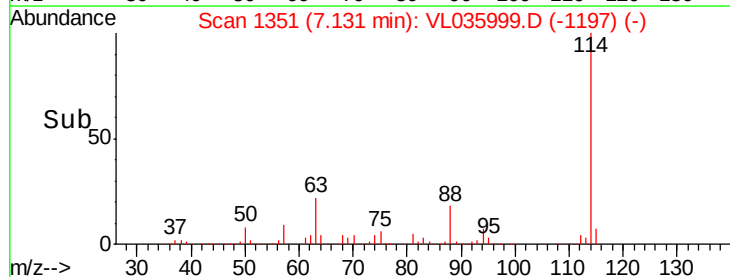
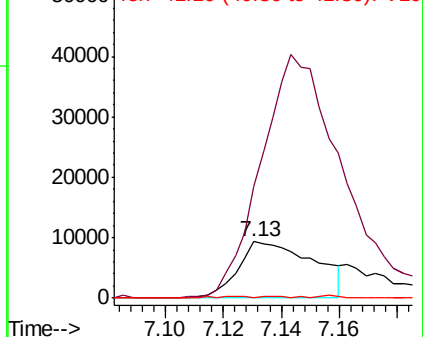


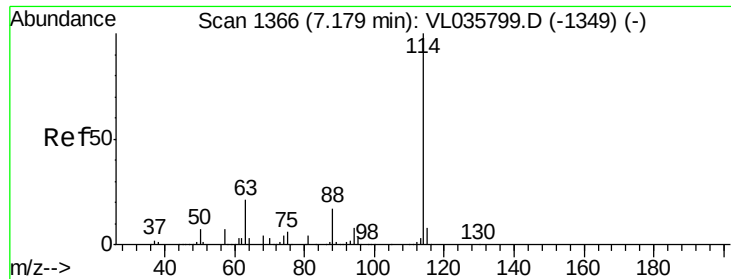
#30
Cyclohexane
Concen: 0.108 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.00 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Tgt Ion:	84	Resp:	17083
Ion	Ratio	Lower	Upper
84	100		
56	484.4	86.4	129.6#
41	0.0	42.1	63.1#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

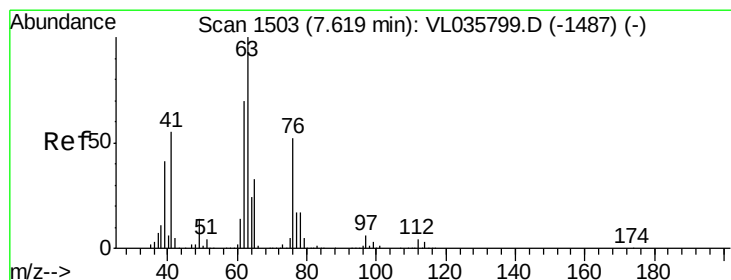
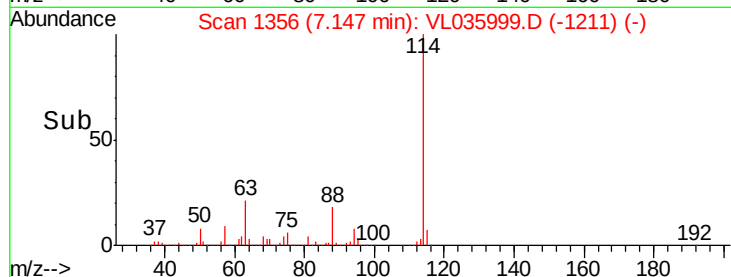
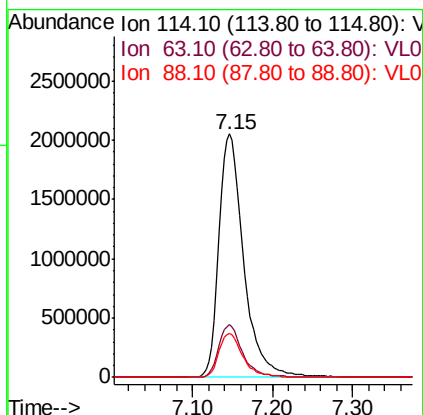
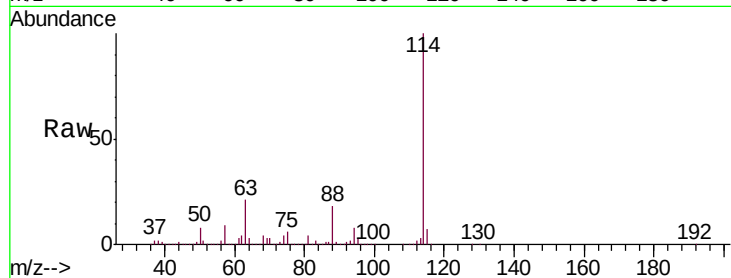




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035999.D
 Acq: 24 Nov 2020 18:28

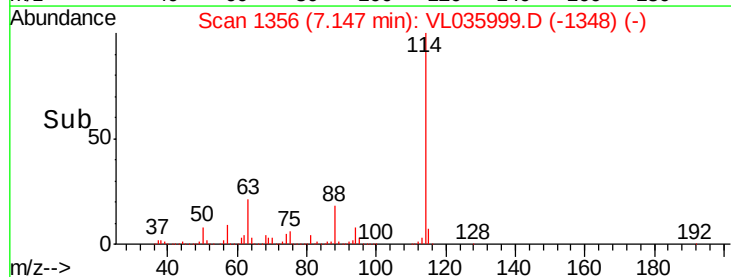
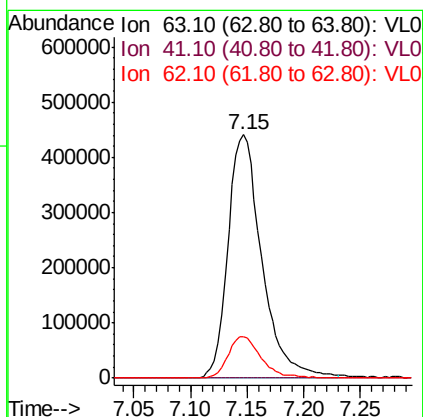
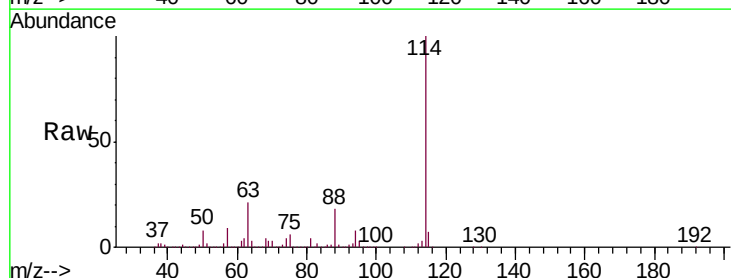
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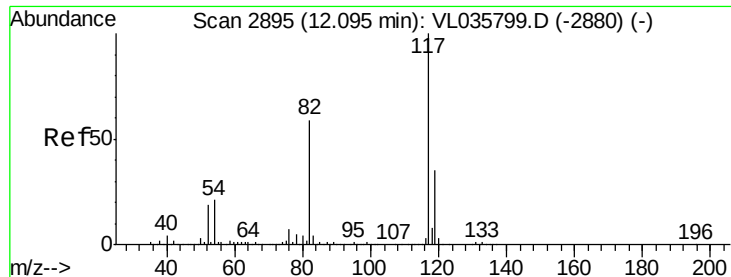
Tgt Ion: 114 Resp: 4412658
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.1 24.1
 88 17.5 13.7 20.5



#39
 1,2-Dichloropropane
 Concen: 8.321 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.47 min
 Lab File: VL035999.D
 Acq: 24 Nov 2020 18:28

Tgt Ion: 63 Resp: 918974
 Ion Ratio Lower Upper
 63 100
 41 0.1 43.8 65.6#
 62 16.8 56.2 84.2#

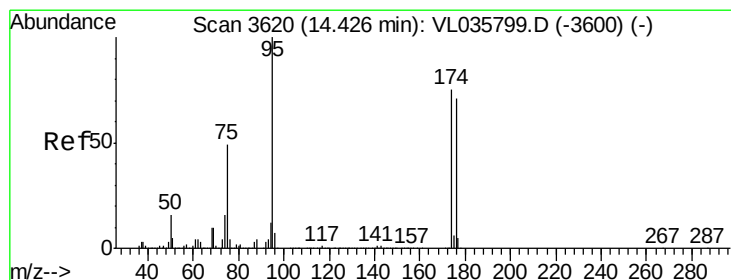
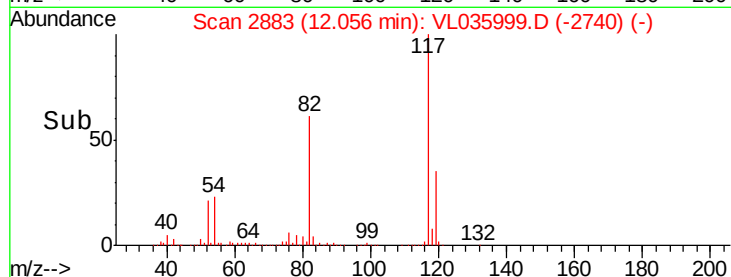
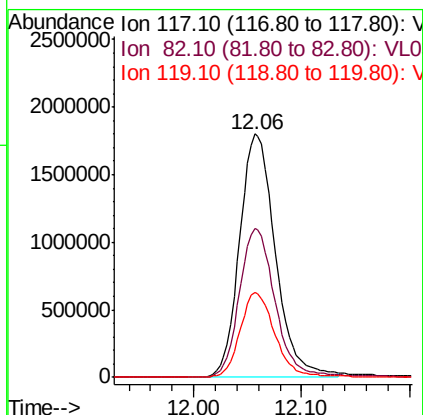
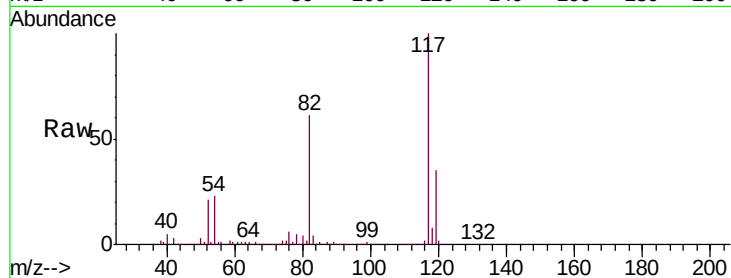




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Instrument :
MSVOA_L
ClientSampleId :
QC111920 CAN 10280

Tgt Ion: 117 Resp: 4168222
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 34.7 52.6 78.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.729 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Tgt Ion: 95 Resp: 3177178
Ion Ratio Lower Upper
95 100
174 70.9 59.8 89.6
175 5.0 4.3 6.5

